

GUNDARING NR

QUOI

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA GUND SITE NUMBER I
 DATE TRIP 3-9-1997 RECORDERS L/M/N/G
 DATE TRIP 3-11-99 RECORDERS AING
 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°51'10.6 S Longitude 117°37'04.7 E Altitude
GPS Accuracy HOP 4.6
 Map Sheet

Photograph Name NG Number

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

2. SITE DATA Circle the correct response

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

Surface Soil gully loam Depth to Rock 50cm Colour orange-brown

Exposed Rock type % surface cover NONE size range

Litter twigs, stems ^{both} % surface cover 10-30 Depth (cm)

Bare Ground % surface cover 10/30 (currently 0 - all annuals)

Qup1

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESCENCE

SITE No GUND I

Date 3-9-1997

3-11-99

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

plant's name or working name if required

Record on Sheet

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

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
Allocas huegel				Opereularia vac				Borja sphaeroc			
Acacia acuminata				Goodenia occident				Wurmbia tenuis			
								Drosera glandulig			
								Trachym ornata			
								Glossochrym aurea			
								Peratocyn obionoides			
								Parentucellus latifolia			
								Podotheca gnaphal			
								Thysanot pater			
MALLEES								Caesia alfordii			(usp)
				GRASSES				Ptilotus polystachy			
				Ehrharta longiflora				Poranthra microphylla			
				Neurachne albapecuoid				Lobelia tenuior			
				Stipa elegantiss							
				Boliza maxima				SEDGES			
SHRUBS				Avena barbata				Lepidosperma (lept)			costale
Alyxia huxifolia			(usp)	Aristida cont				" costale			
Allocas campestris				Bractea novae-hott							
				Monacather paradoxa							
3-11-99								Waitzia acumin			
X Glossochrym aureum				HERBS							
X Waitzia acumin				Gilbertia tenuifolia							
X Amphipogon strictus				Chamaexeros limbr							
X Stipa humifolia			(usp)	Dianella revoluta							
X Trachymene ornata				Lawrenciella davenp							
X Waitzia citrina				Drosera macrantha							
X Caesia occid (yellow)				Hypochaeris glabra							
X Nicotiana occident				Mussaia anthem							
				Lonocarpus nodulosus							
				Vellid cynoprot							
				Brunonia austral							
				Podotheca angust							
				Podolepis comosens							
				Erodium cymosum							

03/11

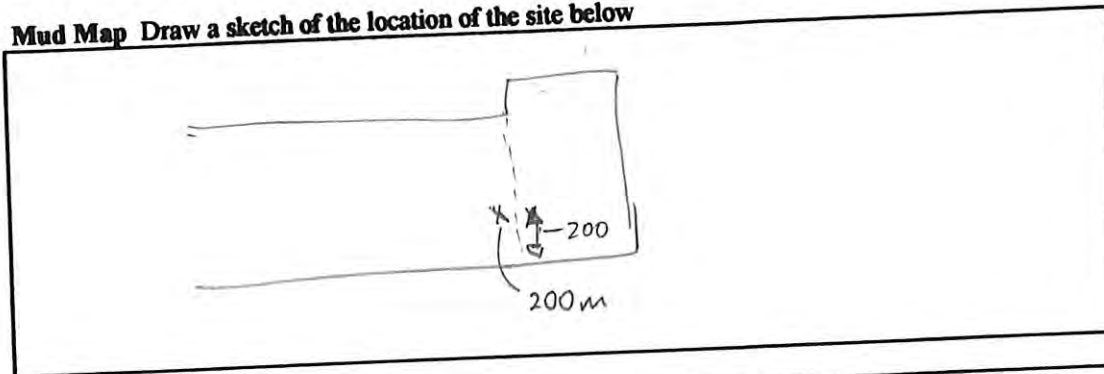
QUOZ

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA CAG SITE NUMBER 2
 DATE TRIP 3-9-1997 RECORDERS L/M/N/G
 DATE TRIP 3-11-1999 RECORDERS ANG
 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° 47' 21.0 S Longitude 117 29 45.3 E Altitude
GPS Accuracy HDOF 2.9
 Map Sheet

Photograph Name NG Number 6

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 10 cm Colour grey-brown

Exposed Rock type % surface cover NONE size range

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

Bare Ground % surface cover 30-70

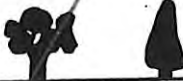
Adapted from 'Bushland Plant Survey' written by B. Keighery (1994) and published by Wildflower Society of WA (Inc). PO Box 64 Nedlands WA 6008

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

3. VEGETATION STRUCTURE AND COVER

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		<i>Allocas camp</i>			<i>Dryandr. specios</i> <i>Melaleuca (grey)</i> <i>Isopogon tridentatus</i>

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

4. VEGETATION CONDITION

Comments

excellent

20 x 20

5. SPECIES PRESCENCE

SITE No CAG 2

Date 3-9-1997

3-11-99

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

Record on Sheet

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

Some

+ Hakea platysperma -

[illegible]

Tachyria condensata 3/9

(2 Techniques seen)

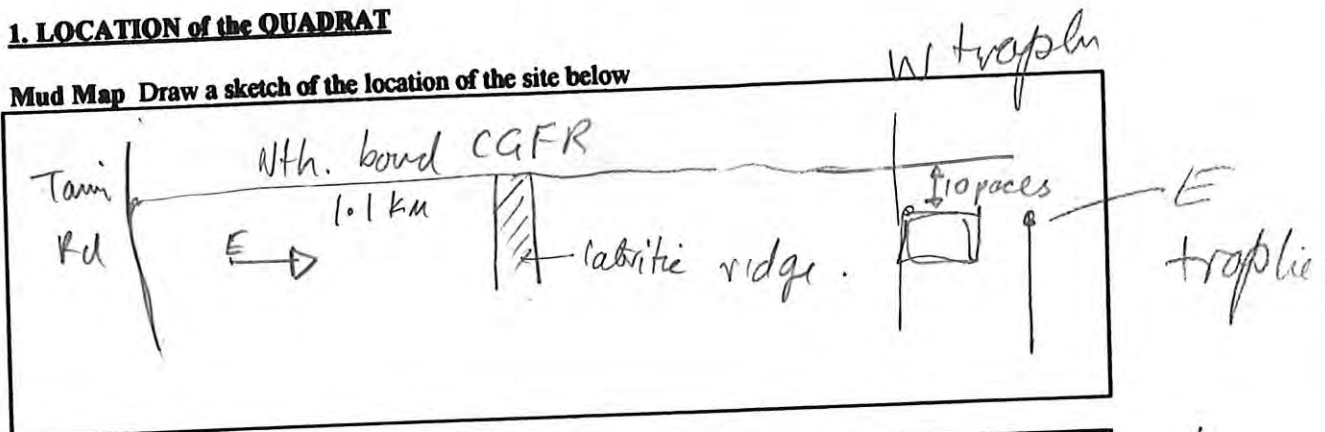
QU03

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA CAG SITE NUMBER I
 DATE TRIP 3-9-1997 RECORDERS L/M/N/G
 DATE TRIP 3-11-99 RECORDERS ANG
 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 rd S Longitude Accuracy hill top
 Map Sheet

Photograph Name NG Number 5

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 0-2cm Colour brown + orange

Exposed Rock type labritic % surface cover 30-50 size range 3-30cm

Litter twigs, VS % surface cover 30-50 Depth (cm)

Bare Ground % surface cover 10-30

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

2. 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
SHRUBS				SHRUBS	
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)		30-70			2-10-20
DOMINANT SPECIES		Ailloc. campest Hakea Acacia			Gast. spin Melaleuca (guy) Hibb. enervia
GRASSES		HERBS	SEDGES	over 0.5m	
LIFE FORM					
COVER CLASS (%)	22	22			22 -
DOMINANT SPECIES					

4. VEGETATION CONDITION

Comments

excellent

0U03

20476

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESCENCE

SITE No CAG I

Date 3-9-1997

3-11-1999

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

Jan

Date	3-9-1999	3-11-1999	• Column 3	flowering time	herb	sp																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											</
------	----------	-----------	------------	----------------	------	----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	----

QU04

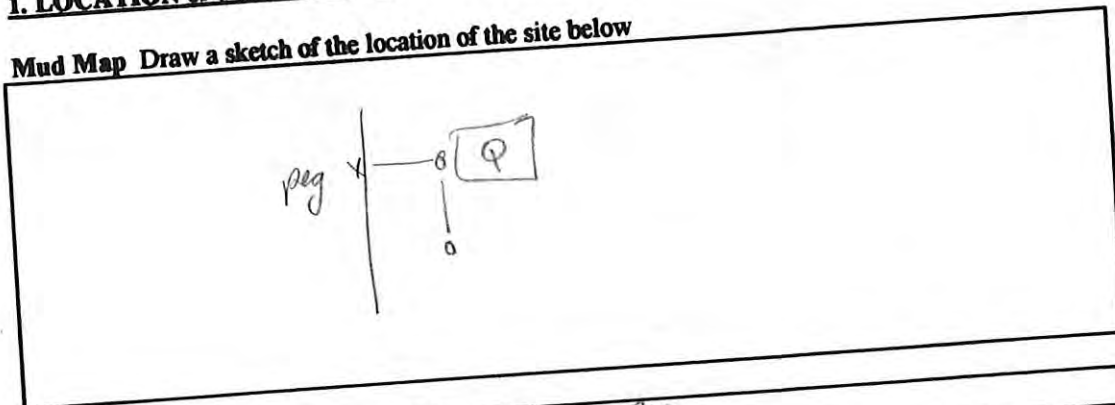
Rabbits

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA BADJ SITE NUMBER I
 DATE TRIP 3-9-1997 RECORDERS L/M/N/G
 DATE TRIP 3-11-99 RECORDERS ANG
 DATE TRIP _____ RECORDERS _____

1. LOCATION of the QUADRAT

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



Road Location

BADJALLING RD

Geographic Location

Latitude 31°59'08.9 SLongitude 117°29'57.0 E Altitude

GPS

Accuracy

Map Sheet

HDOP 2.7

Photograph

Name

NG

Number

10

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 yellow

Exposed Rock

type

% surface cover

NONE

size range

Litter

twigs, stems, lvs

% surface cover

30-70

Depth (cm)

Bare Ground

% surface cover

10-30 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.

	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			2
DOMINANT SPECIES	Xylomelon angustif	Actinostrob Alloc. camp Grevill. hook			Verticord chrys

	GRASSES	HERBS	SEDGES	over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	<2	<2			2-10
DOMINANT SPECIES					Lepidob chneta

4. VEGETATION CONDITION

Comments

very good - excellent

$$20 \times 20$$

plant's name or working name if required

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

- Column 1 plant name
- Column 2 plant number

Record on Sheet

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

3/11/99

Same

[illegible]

Sth. Badyaling

12333

QUOS

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA SBAD SITE NUMBER I

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

DATE TRIP 3-11-1999 RECORDERS ANG

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°02'28.2 S Longitude 117°31'19.9 E Altitude
GPS Accuracy ADOP 4.2
 Map Sheet

Photograph Name NG Number 22

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 brown

Exposed Rock type _____ % surface cover NONE size range _____

Litter logs, stems, twigs % 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 (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				
DOMINANT SPECIES	<i>Euc. salmon</i> (lots dead)				

SHRUBS				SHRUBS	
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)					2
DOMINANT SPECIES					<i>Acac. hemiteles</i> <i>Erchyl. torn</i>

GRASSES		HERBS		SEDGES	
	over 0.5m			over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	2-10	30-70			
DOMINANT SPECIES	<i>Stipa eleg</i> weeds, <i>Bromus</i> <i>Lolium</i>	<i>Arctotheca</i> <i>Mesemb nodifl</i> <i>Hawria</i>			

4. VEGETATION CONDITION

Comments

ants? grazed — weeds common
many

QU 05

4 12333

S. of Badjaling.

20720

BUSHLAND PLANT SURVEY RECORDING SHEET 30 use pencil only

5. SPECIES PRESCENCE

SITE No SBAD I
Date 4-9-1997
3-11-99

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

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

Euc. salubris -

SITE No 5 BAD		flowering time- TICK if species flowering		No		FI		ID		HERBS (cont.)		No		FI		ID	
Date 4-9-1997		Column 3		Identification check						2-11-1999							
3-11-99		Column 4								Ptilotus spathulatus						holosericeus	
TREES		No		FI		ID				✓		✓					
Euc. salmonoph -																	

WAMENUSKING

N.R.

QU06

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA

WAME

SITE NUMBER

I

DATE TRIP

4-9-1997

RECORDERS

L/M/N/G

DATE TRIP

4-11-99

RECORDERS

A N G

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 32.3 S
GPS
Map SheetLongitude 117 30 33.9 E Altitude
Accuracy

HDOP 4.3

Photograph

Name

N G

Number

17

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

sandy clay

Depth to Rock

Colour

yellow-brown

Exposed Rock

type

% surface cover

NONE

size range

Litter

stems, twigs, lvs

% surface cover

10-30

Depth (cm)

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						MALEES	
	over 15m	5-15m	under 5m	over 8m	under 8m		
LIFE FORM						30m	10m
COVER CLASS (%)						10-30	
DOMINANT SPECIES						Euc	
SHRUBS					SHRUBS		
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m		
LIFE FORM						2m	1m
COVER CLASS (%)						10-30	
DOMINANT SPECIES						Mel-undulata	
GRASSES		HERBS		SEDGES			
				over 0.5m	under 0.5m		
LIFE FORM						1m	
COVER CLASS (%)	<2	<2			<2		
DOMINANT SPECIES							

4. VEGETATION CONDITION

Comments

excellent

20×20

WAMENUSKING

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

plant's name or working name if required

5. SPECIES PRESCENCE

BUSHLAND PLANT SURVEY RECORDING SHEET

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

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

Same

SITE No WAME I

Date 4 - 9 - 1997

4-11-1999

Date 4-11-1999				• Column 3 flowering time • Column 4 identification check				HERBS (cont.)			No	FI	ID
TREES				SHRUBS (cont.)				No	FI	ID	HERBS (cont.)		
											~~Crossula pedunculata decumbens~~ -		
											Rhodanthe laevis -		
											Hydrocotyle		
											Pterostylis recurva -		
											Trachypogon? pterocarpus -		
MALLEES				GRASSES				SEDGES					
// Euc. calycogona (right bank) // Euc. celastroides (right bank) // Euc. floribunda (left bank) ? Euc. teretifolia -				calycogona (USP) - Stipa pycnostachya - " elegantissima - Danthonia? caespitosa -				4/11/1999 X Wilsonia humilis - X Enchylaena tomentosa -					
SHRUBS				HERBS									
Mel. undulata - Enchylaena tomentosa -				Actinopodium capillipes - Hypochaeris glabra - Ceratogyne obionoides - // Crassula colorata var colorata - // Calotis hispid - // Hyalospermum demiss - // Hylipoxis glabella - // Podolepis lepersii - // Hydrocotyle rugulosa - // Calandrinia calyptrotus - Thysanot pateson - Pterostylis rufa + serotina - // Triglochin calcarata ssp. intricatum (USP) -				ADT sand sheet Dodonaea visifolia - 4/9					

Yenyenning Lakes NR

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

QU07

BUSHLAND AREA YENY SITE NUMBER I

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

DATE TRIP 3/11/1999 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 32 13 42.9 S Longitude 117 13 10.2 E Altitude GPS
Map Sheet HDOP 3.7

Photograph Name NG Number 15

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 white-yellow

Exposed Rock type _____ % surface cover NONE size range _____

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

Bare Ground % surface cover 30-70 (annuals cover 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

Revisited
13/Oct/02
Dominant
Melaleuca sp. Wagon
Melaleuca lanceolata
Calceolaria ~~not~~ not to be seen

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 (%)			10-30		< 2
DOMINANT SPECIES			<i>Mel. uncinata</i>		<i>Euc. spathul</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>Rhagodia</i>

GRASSES		HERBS		SEDGES	
				over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	10-30	30-70			10-30
DOMINANT SPECIES	? weeds	<i>Romulea</i> v			<i>Lahnia trifida</i>

4. VEGETATION CONDITION

Comments

very good
saline flats mbye

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

20x20

name if required

Hakea preissii -

5. SPECIES PRESCENCE

SITE No YENY I

Date 4-9-1997

Date 3-11-1999

Label each plant
Record on Sheet

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

Date 4-9-1999 3-11-1999			Column 3 flowering time- tick if special			Column 4 identification check			HERBS (cont.)			No	FI	ID
TREES sp Wagon			No	FI	ID	SHRUBS (cont.)			No	FI	ID			
Melaleuca uncinata			✓			yfrasil fruit						Angianthus pusillus		
hamata												Gnephosis trifida + ridens (VSP)		
												Centrolepis polygyna		
												Drosera macrantha		
												Quinetia urvil		
												Crassula exserta		
												Triglochin stoward		
												Calandrinia		
												Senecio glossanthus		
MALLEES			✓			GRASSES								
Euc. spathulata						Lolium rigidum								
vergrandi						Stipa elegantiss								
						Vulpia myuros								
SHRUBS						Bromus madr						SEDGES		
Comesperma integrum						Briza maxim						Lahna trifida		
Rhabodia drumm						Hordeum marin						(Anthocoris intricata) ADJ		
Eudhylaena toment												arisantha		
Hakea poeissi												ssphanisantha		
3/11/1999						HERBS								
x Briza minor						Podolepis capillaris								
x Sonchus oleraceus						Hypochaeris glabra								
x Spergula rubra						Crassula scoloxata								
x Parapholis incurva						Rumex rosea								
						Ursinia anthemoides								
						Gnephosis = Hypochloa glabra (VSP)								
						Podolepis capillaris								
M. hamata preda site						Pogonolepis stricta (VSP)								
						Drosera bulbosa						Blennospora phlegmatocarpa (VSP)		
						Gnephosis								
						Triglochin minutiss longatum								
						Catula ? bipinn								
						Calandrinia granulifera								

A 28317

Bugin NR

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA BUGINSITE NUMBER 1DATE TRIP 3-9-1997RECORDERS L/M/N/GDATE TRIP 3-11-99RECORDERS A/N/G

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 05 02.9 S Longitude 117 23 31.5 E Altitude _____
GPS Accuracy HDOP 3.1
 Map Sheet _____

Photograph Name NG Number 12

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 dead stems % surface cover 30-70 Depth (cm) _____

Bare Ground % surface cover 30-70 (weeds annuals cover 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

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 (%)	0%	< 2			30-70
DOMINANT SPECIES	Dead <i>Mel. pauperifl</i>	<i>Lycium aust</i>			<i>Halosarcia indica</i>

GRASSES		HERBS		SEDGES	
	over 0.5m			over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	20-90				
DOMINANT SPECIES	<i>Stipa eleg</i> <i>Avena</i> (<i>Lolium</i>				

4. VEGETATION CONDITION

Comments

Salt affected
grassy weed layer
Dead shrubs

Bug in NR

5. SPECIES PRESCENCE

SITE No BUGIN I

Date 3-9-1997

3-11-1999

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

[illegible]

A 11153

QU09/BKSW Quaird

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA MORT SITE NUMBER IDATE TRIP 3-9-1997 RECORDERS L/M/N/GDATE TRIP 3-11-1999 RECORDERS AW/W/GK

DATE TRIP _____ RECORDERS _____

1. LOCATION of the QUADRAT

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

Fauna

Road Location

Geographic Location Latitude 32 05 01.6 S Longitude 117 22 04.5 E Altitude
 GPS Accuracy HDDP 2.6
 Map Sheet

Photograph Name NG 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 sandy clay Depth to Rock Colour grey-brown

Exposed Rock type % surface cover NONE size range

Litter stems, twigs, lvs % surface cover 30-70 Depth (cm) 2-15

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

very good

QUAIRIDING W.R. (N)

QU10

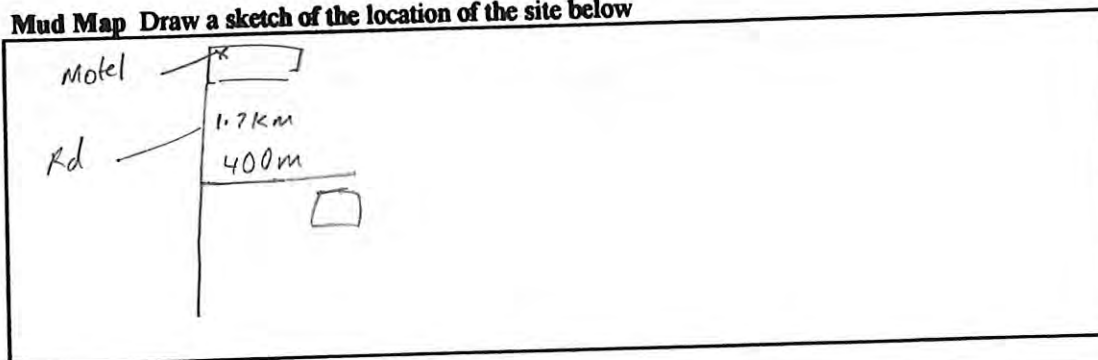
BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA QUAIR SITE NUMBER IDATE TRIP 3-9-1997 RECORDERS L/M/N/GDATE TRIP 4-11-99 RECORDERS ANG

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 28.3 S Longitude 117 24 18.6 E Altitude _____
 GPS Accuracy HDOP 2.3
 Map Sheet _____

Photograph Name NG 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 1 30cm Colour cream

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

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

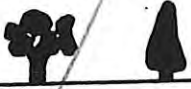
Bare Ground % surface cover 30-50

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. macrocarpa</i>

SHRUBS				SHRUBS	
	over 2m	2m - 1.5m	1.5 - 1m	1-0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)				10-30	2-10
DOMINANT SPECIES				<i>Dryandra</i> <i>Hakea gilbert</i> <i>Leptos. rub</i>	<i>Hibbertia</i>

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

4. VEGETATION CONDITION

Comments

excellent

BUSHLAND PLANT SURVEY RECORDING SHEET 5 - use person 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

✓ Cross the color of var col 4/4 -

Schaueri -
Beaufortia bracteosa -

Quaird Tourist Water Reserve

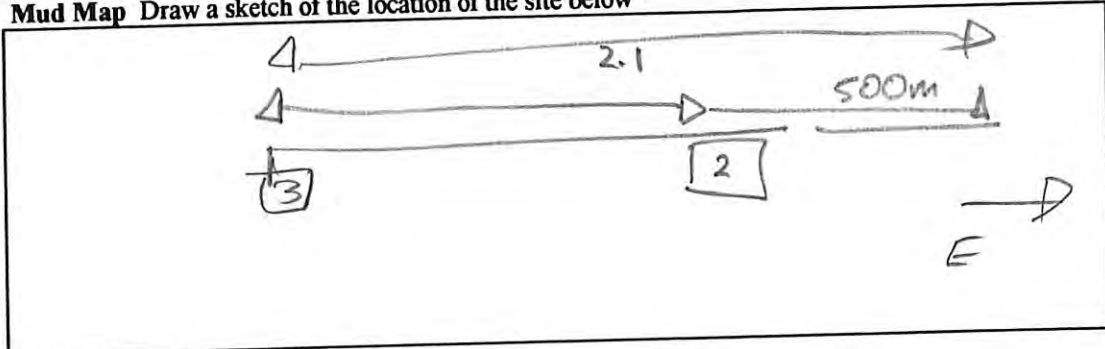
BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

Quill

BUSHLAND AREA QUAIR SITE NUMBER 3
 DATE TRIP 4-9-1997 RECORDERS L/M/N/G
 DATE TRIP 4-11-1999 RECORDERS ANG
 DATE TRIP _____ RECORDERS _____

1. LOCATION of the QUADRAT

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



Road Location YORK RD

Geographic Location Latitude 32°01'36.4 S Longitude 117°22'02.8 E Altitude
GPS Accuracy
 Map Sheet HDP 4.2

Photograph Name ANG 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 sand Depth to Rock Colour grey-yellow

Exposed Rock type % surface cover NONE size range

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

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 (%)					
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	10-30
DOMINANT SPECIES		<i>Allocas. camp</i> <i>Xanth. drumm</i>		<i>Dryandra. orn</i> <i>Mel. cordata</i>	<i>Hakea inc</i> <i>Grevill unc</i> <i>Hibb. unc</i>

GRASSES		HERBS		SEDGES	
	over 0.5m		over 0.5m		under 0.5m
LIFE FORM					
COVER CLASS (%)	2	2-10			30-70
DOMINANT SPECIES	<i>Neurochne alop</i>	<i>Borja const</i>			<i>Mesmoledora sly</i>

4. VEGETATION CONDITION

Comments

excellent

QUAIR QUIZ 11

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 QUAIR 3
Date 4-9-1997
4-11-1999

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
				Cassia -				Baobea preissiana -			
				Geacortia schaeeri -				Melaleuca ~~carrii~~ -			
				Mint -				4-11-1999			
				Nemcia dilatata -				X Dodonaea oratocarpa -			
				Platysace commutata -				X Danthonia -			
				Hypocalymn angust -				X Thysanotus patersonii -			
				Baobea crispata -				X Logania flaviflora -			
				Astrodome serrifolia -				X Dampiera lavandul -			
				GRASSES				X Podolepis canescens -			
				Nerachne alopec -				X Dianella revoluta -			
				X Amphipogon strictus -				X Hibbertia spicata -			
				Stipa elegantiss -				X Stylidium ? stowardii -			
				" (lge) -				X Levenhookia stipit -			
				SHRUBS				SEDGES			
				Allocas campestris -				Mesomelaena stygia -			
				Melaleuca cordata -				Lepidobol chaetac -			
				Grevillea uncin ucin -				Schoenus pleistoc -			
				Pommesperma scop -				" clandestin -			
				Calytrix ~~schaeeri~~ -				X Lepidosperma -			
				Bammom choretoid -				" sp A2 -			
				X Verticordia grandiflora -				HERBS			
				Opicaria vag -				Borja constricta -			
				Mirbelia spinosa -				Laxmann palacca -			
				Hibbertia ~~uncin~~ -				Drosera zovoria -			
				Daviesia ~~hewittii~~ -				X Stylidium ~~brevis~~ -			
				Leucopogon ~~cymbiformis~~ -				Podolepis canesc -			
				Synaphala (QUAIR I) tripartita -				Pterochaeta -			
				Halkea incrassata -				Conostylis setigera -			
				Trichandra ~~armata~~ -				Drosera macranth -			
				Xanthorrhoea drummond -				Stylidium ~~anthrac~~ -			
				Cryptandra ~~granatula~~ -				Hypochaeris glab -			
				Cryptandra ~~thymifolia~~ -				Chaetmasc spiralis -			
				Allocas microstachy -							
				Cryptandra ~~notans~~ -							

4/9 Melaleuca ~~sp~~ leptostachya -
4/9 Dodonaea -
pordicane -
Calytrix beharaultii 4/11 -

QUIZ

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA QUAIR SITE NUMBER 2

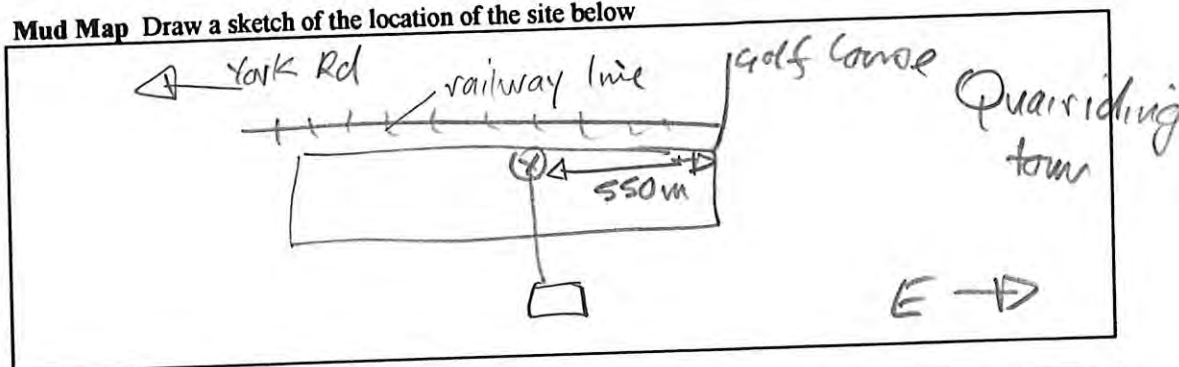
DATE TRIP 4-9-1997 RECORDERS L/M/N/G

DATE TRIP 4-11-1999 RECORDERS ANG

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°01'16.1" S Longitude 117°22'58.8" E Altitude GPS Accuracy HDOP 5.6
Map Sheet

Photograph Name ANG Number 13

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

2. SITE DATA Circle the correct response

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

Surface Soil loamy clay **Depth to Rock** 10-50 **Colour** red brown

granite

Exposed Rock type _____ % surface cover NONE size range _____

Litter logs, twigs, lvs % surface cover 10-30 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 (%)	10-30		2		
DOMINANT SPECIES	<i>Euc. loxophleb</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 (%)			22		
DOMINANT SPECIES			<i>Grevill panicu</i>		

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

4. VEGETATION CONDITION

Comments

excellent

20×20

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

use pencil only	
plant's name or working name if required	

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

Same

Date	No	FI	ID
4-11-1999			
TREES	No	FI	ID
Eucalyptus -			
Acacia acuminata -			
MALLEES			
SHRUBS	No	FI	ID
Grevillea pinnatifida - (JSP)	X	X	
Dampiera (lavand) = 4/11	X	X	
Hakea pectinata -			
Rhyssa tenuis -			
GRASSES	No	FI	ID
Asterida holosericea (JSP) -			
Danthonia (?) x2 -			
Amphipogon strictus (JSP) 4/11 -			
Briar maxim -			
Stipa elegantiss -			
Nelumbo alopecur -			
Stipa trichophylla -			
HERBS	No	FI	ID
Sphaerocarpa - 4/11			
Boraginaceae ? constricta	X	X	
Drosera macrantha -			
Erodium cicutarium -			
Lawsonia alba davenport -			
Arthropodium capillaris -			
Podolepis capillaris -			
Comandra effusa -			
Thysanotus (paniculate) -			
Podolepis lessonii -			
Romulea rosea -			
Cassula colorata -			
Thysanotus patersonii -			
Drosera macrantha -			
SEDGES	No	FI	ID
Desmodium asper -			
Lepidosperma costale -			
4-11-1999			
x Goodenia berardiana -			
x Waitzia acuminata -			
x Thysanotus ornatus -			
x Pentstemon glaucoideus -			
x Phyllanthus sulcatus -			
x Thysanotus patersonii -			
x Platanus stallingii -			
x Wahlenbergia hirsuta -			
x Lobelia gibbosa -			
x Millotia -			
x Agrostis -			
x Schizanthus nanus -			
x Rhodantha marginata -			
= Verticordia chrysanthea -			
Stipa hemijuga (JSP) -			

// Stipa pennica (VSR) 4/11
 // Stylium squarrosum (VSR) 4/11
 // Calystox lescurianii 4/11

QUL3

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA BADJ SITE NUMBER 2

DATE TRIP 5-9-1997 RECORDERS N/M/L/G

DATE TRIP 3-11-99 RECORDERS AMG

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 45.8 S Longitude 117 29 14.6 E Altitude
GPS Accuracy HDOP 5.4
Map Sheet

Photograph Name N/G Number 24

Topographic Position (Circle the correct response)
Upland Lower slope
Upper slope Valley
Midslope Washline sandy hill in samph. marsh

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 twigs, bark, lvs % surface cover 10-30 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				
DOMINANT SPECIES	<i>Euc. ~~condita~~</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
DOMINANT SPECIES	<i>Mel. unc</i> <i>Mel</i>				<i>Dispyma clav</i>

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

4. VEGETATION CONDITION

Comments

salty?

QUI3

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 BADJ 2

Record on Sheet

Date 5-9-1997

3-11-1999

- 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>Fuc. kondinens</i> - (black stocking to 2m, stem white) olive pink				<i>Fuc. kondinens</i> dated 5/1/51 is not known need to check one ID				<i>Alsema nodif-</i>			
<i>F. spathulata spathulata</i>				Not known = sp. group 24/10/91				<i>Osteospermum claud-</i>			
								<i>Phyllanthus polystachy-</i>			
								<i>Chthoncephalus filoxerus</i> 1/95			
								<i>Crassula cobrata</i>			
								<i>Crassula exserta</i>			
								<i>Senecio glossanthus</i>			
MALLEES								<i>Bambusa argentea</i> 5/9			
				GRASSES				= <i>Hyalobryum globifera</i> - (USP)			
				<i>Avena barbata</i>							
				<i>Eragrostis dielsii</i>							
				<i>Pentstemonis aroid</i>							
				<i>Bromus rubens</i>							
				<i>Eriophora longiflora</i>							
				<i>Stipa elegantiss</i>							
				<i>Aristida</i>							
				<i>Stipa scabra</i> (USP)							
				<i>Lolium</i>							
SHRUBS				HERBS							
<i>Mel. uncinata</i>				<i>Calandrinia granulif</i>							
<i>Sclerolaena diacantha</i>				<i>Disphyma clav</i> 5							
<i>Halosarcia</i>				<i>Poldolepis capillaris</i>							
<i>Rhagodia drumm</i>				<i>Sarcocolla praeox</i>							
<i>Lycium australe</i>				<i>Euphorbia</i> 7 <i>trifida</i> - dens + <i>trifida</i> (USP)							
<i>Sclerolaena diacantha</i>				<i>Utricularia</i> 1							
				<i>Hypochaeris glabra</i>							
				<i>Urtica anthem</i>							
				<i>Vulpia myuros</i>							
				<i>Trialechin minut</i> sp <i>elongatum</i>							
				<i>Arctotheca caland</i>							
				<i>Sonch olerac</i>							

✓ *Silene pygmaea* 5/9

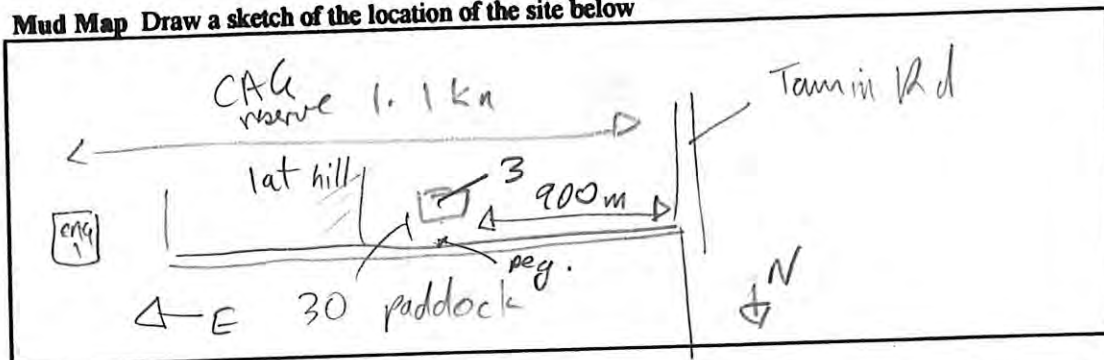
QU14

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA CAG SITE NUMBER 3
 DATE TRIP 3-9-1997 RECORDERS L/M/N/G
 DATE TRIP 3-11-99 RECORDERS AMG
 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 46 44.9 S Longitude 117 28 16.4 E Altitude 400m
GPS Accuracy 4.9
Map Sheet

Photograph Name NG Number 7

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** brown

Exposed Rock type **% surface cover** NONE **size range**

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

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

AMG
 544616
 6483936

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
					
					30m
					10m
COVER CLASS (%)					10-30
DOMINANT SPECIES					Euc
LIFE FORM	SHRUBS				SHRUBS
	over 2m	2m - 1.5m	1.5 - 1m	1-0.5m	under 0.5m
					
					2m
					1m
COVER CLASS (%)		10-30		10-30	
DOMINANT SPECIES		Mel. uncin		Pheb. Folare Hibbertia	
LIFE FORM	GRASSES	HERBS	SEDGES	over 0.5m	
				under 0.5m	
					
				1m	
COVER CLASS (%)	<2	<2		2-10	
DOMINANT SPECIES		Lom. effusa		Lepidosperma	

4. VEGETATION CONDITION

Comments

Excellent

(9914)

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

 20×20

5. SPECIES PRESCENCE

SITE No CAG 3

Date 3-9-1997

3-11-1999

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

ing name if required
✓ Euc (smth. bk)

from CAG1
hypochlorous acid oxidizers

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
								Rhodanthe laevis - ✓			
								Paranthera microphylla -			
								3/11/99			
								x Wahlenbergia -			
								x Podotroche angustifolia -			
								x Trachym pilosa -			
								x Arthropodium capillare -			
								x Thysanotus fidele - (USP)			
								x Trachym cyanopet -			
MALLEES				GRASSES							
Euc flood flood -				Vulpia myuros -							
(Smithy - stripping m ribbon - to 10m)				Stip trichlophylla -							
				Neracme allopec -							
				Pentastichis -							
SHRUBS				Stipa (tge) hemilega -				SEDGES			
Melaleuca uncinata -				Stipa elegantiss -				Lepidosperma viscidulum -			
Phebalium tuberculat -				exasperata - U							
Bossiaea eriocarpa -											
Hibbertia uncinata -											
Protea Scholtzia drummondii -											
Calyx lechenaultii -				HERBS							
Asteromyias Scholz in drummondii -				Lomandra effusa -							
Melaleuca sericea -				Ursinia anthem -							
Lasiopetalum molle -				Hypochaeris glabra -							
Dodoneaea (ragl) mursonii -				Blennospora drummondii -							
Brachyloma concolor -				Millotia tenuiflora -							
Baeckleria goodeniflora off grandis				Ceratogyne obionoides -							
				Grassula colorata -							
				Wahlenbergia preiss (USP) -							
				Pateronia drummondii -							
				Thysanotus pat -							
				Pterostylis lutea argentea (USP) -							
				Calandrinia -							
				Hydrocotyle rugulosa -							

✓ - *Podothera angustiflora* 3/9

Dangin NR

QU15

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA DANR SITE NUMBER 01

DATE TRIP 3-10-1997 RECORDERS N/M/G/S

DATE TRIP 4-11-99 RECORDERS AMG

DATE TRIP _____ RECORDERS _____

1. LOCATION of the QUADRAT

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

Road Location DANGIN NATURE RESERVE

Geographic Location Latitude 32 00 20.4 S Longitude 117 18 51.5 E Altitude 529686
GPS Accuracy 2.5
Map Sheet 6458881

Photograph Name ML Number 30

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 _____ % surface cover NOVE size range _____

Litter leaves, lvs, logs % surface cover 70-90 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

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. astring</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>M. el. uncin</i> <i>Sant. acum</i>		
	GRASSES		HERBS	SEDGES	over 0.5m
					under 0.5m
LIFE FORM					
COVER CLASS (%)	10-30		22		
DOMINANT SPECIES	<i>Vulpia myuros</i>				

4. VEGETATION CONDITION

Comments

? grazed in past
weedy grasses - below grazed b/way
slope

QU 15

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

20x20

5. SPECIES PRESENCE

SITE No DANK

Date 3-10-1997

4-11-1999

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. capillosa -

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
Eucal astringens -								4/11/99			
								Lobelia gibbosa -			
								Arenaria barbata -			
								Blennospora drumm -			
								Stipa hemiphaea -			
								Gastrolobium tricuspidatum -			
MALLEES											
				GRASSES							
				Vulpia myuros -							
				Stipa elegantissima -							
				Agrostis peruviana (VSP) -							
SHRUBS								SEDGES			
Melaleuca uncinata -											
Santalum acuminatum -											
				HERBS							
				Crassula colorata -							
				Millotia -							
				Ursinia anthem -							
				Trachymene pilosa -							
				Blennospora drummondii -							
				Calandrinia (purple) -							
				Trachymene ornata -							
				Lobelia (red lvs) -							
				Eremophyllum ramos -							
				Podoltheca angust -							
				Pterostylis vittata -							
				Thysanotus paterson -							

4 30299

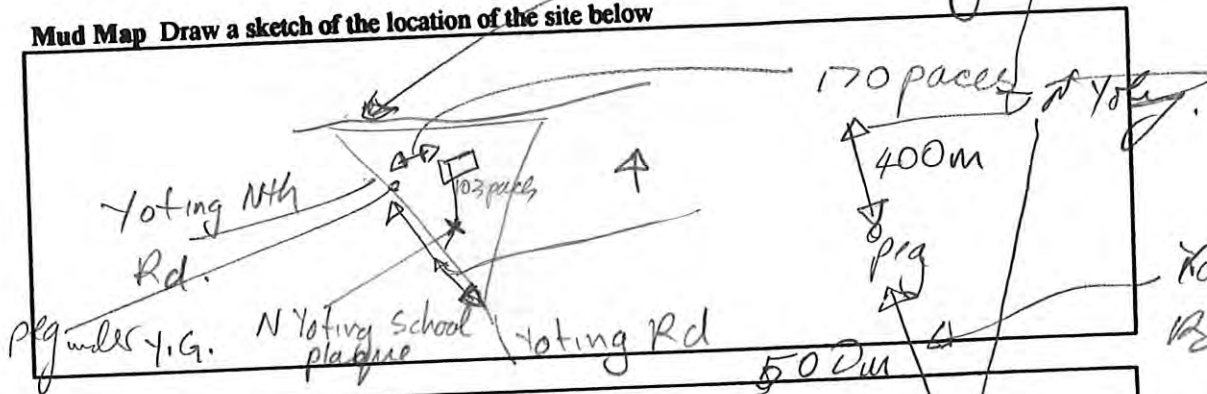
QU16

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA N YOT SITE NUMBER I
 DATE TRIP 3/9/97 RECORDERS M/N/G/L
 DATE TRIP 3-11-99 RECORDERS A N G
 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 52 40.9 S Longitude 117 32 44.8 E Altitude 551620
 GPS Accuracy HDOP 6.0
 Map Sheet 40

Photograph

Name NGNumber 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 Sandy clay Depth to Rock _____ Colour grey
 Exposed Rock type _____ % surface cover NONE size range _____
 Litter + twigs, NS % surface cover 70-90 Depth (cm) 2-5-10cm
 Bare Ground % surface cover 10-30

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

3. VEGETATION STRUCTURE AND COVER

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

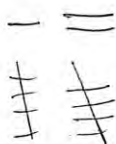
Cover Class 2-10% 10-30% 30 - 70% over 70%

TREES				MALEES	
	over 15m	5-15m	under 5m	over 8m	under 8m
LIFE FORM					
COVER CLASS (%)	2-10				
DOMINANT SPECIES	Euc. salmon				
SHRUBS				SHRUBS	
	over 2m	2m - 1.5m	1.5 - 1m	1-0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	2			2	2-10
DOMINANT SPECIES	Melaleuca lateriflora (acumin)			Acacia	Enchylaena tomentosa Rhagodia pruriens
GRASSES		HERBS	SEDGES	SEDGES	
			over 0.5m	under 0.5m	
LIFE FORM					
COVER CLASS (%)	L2	L2			
DOMINANT SPECIES					

4. VEGETATION CONDITION

Comments

old school area
past grazing, wood culting etc



20x20

name if required

plant name

plant number

flowering time- TICK if species flowering

identification check

same

— ^{same} gimlet scattered thru —

HERBS (cont.)

3-11-1999

X	Danthonia	
X	Bromus	mad
X	~~Sten~~ Osteosp	cland
X	Comyrsprua	integr
X	Melaleuca	uncinata
X	II	acuminata
X	Calandrinia	aranea
X	holium	rigid
X	Pentastichis	virid
X	Ursinia	antherm
X	Ptilotus	spatulatus
X	Avena	barblata

SEDGES

3

GRASSES

Eucharita longiflora
Stipa elegant
Stipa (1999)

HERBS

Thysanot paterson
Trachymene cyanopt (heavy var)
Lilium and ellura

✓ Fresno (adj) albax

Quairading Springs NR

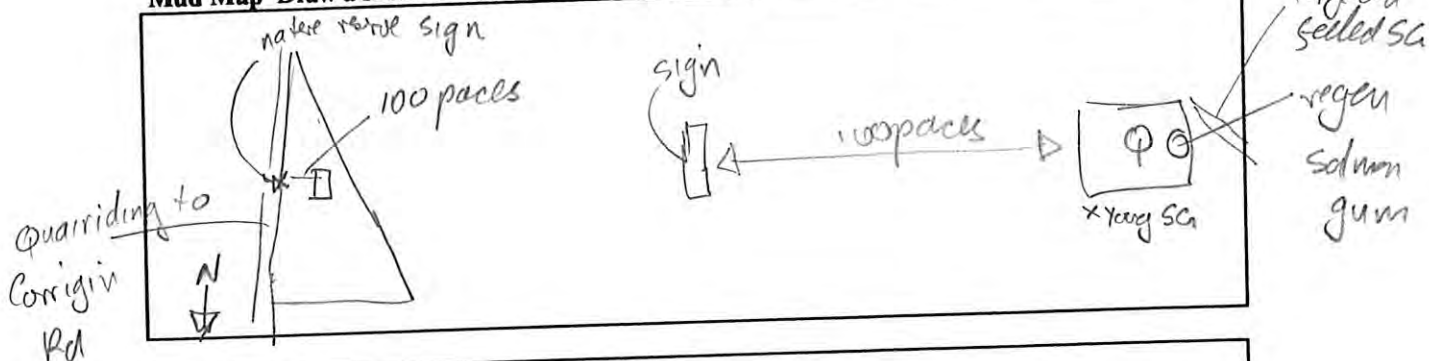
BUSHLAND PLANT SURVEY RECORDING SHEET - use pencil only

QU17

BUSHLAND AREA QSPR SITE NUMBER _____
 DATE TRIP 5/9/97 RECORDERS N/M/L/G
 DATE TRIP 3-11-1999 RECORDERS A/N/G
 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°02'54.0" S Longitude 117°24'28.3" E Altitude AMG 538505
 GPS Accuracy HDOP 3.1
 Map Sheet 6454119

Photograph Name 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 NW

Surface Soil sandy clay Depth to Rock _____ Colour lo brown

Exposed Rock type _____ % surface cover NONE size range _____

Litter twigs, stems, lvs % surface cover 30-70 Depth (cm) 5-20

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

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				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>templ. sulcata</i>				<i>Eranophila</i> <i>Rhagodia</i>

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

4. VEGETATION CONDITION

Comments

very good
tree felling

Quairiding Spring Nature Reserve

20x20

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

Record on Sheet

- Column 1 plant name

- Column 2 plant number

• Column 3 flowering time- TICK if species flowering

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

Same

Calandrinia calyptrata 579 -

* - check WK04 if problems.

DUL BELLING NR

410584

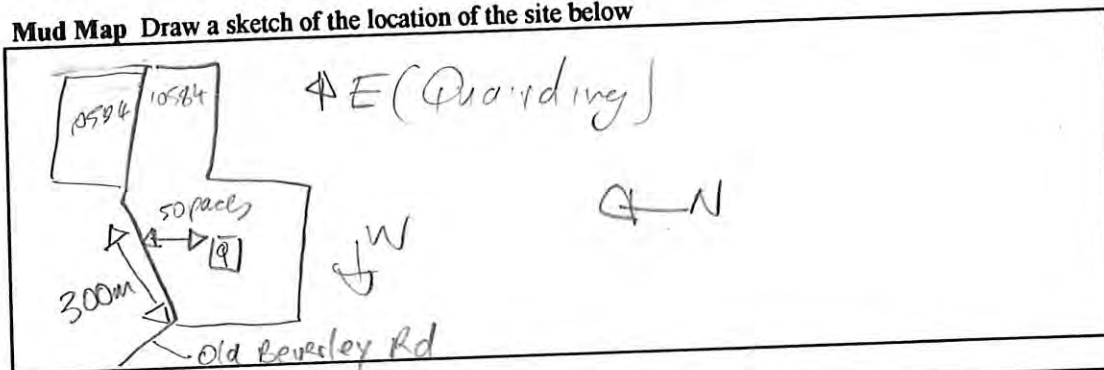
QU18

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA DULL SITE NUMBER I 2
DATE TRIP 4-9-1997 RECORDERS L/M/N/G
DATE TRIP 3-11-1999 RECORDERS AW/N9/GK
DATE TRIP _____ RECORDERS _____

1. LOCATION of the QUADRAT

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



Road Location Old Beverley Rd.

Geographic Location Latitude 32 05 38.0 S Longitude 117 14 17.2 E Altitude AMG 522468
GPS Map Sheet Accuracy H DOP 2.0 6449120

Photograph Name NG Number 16

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 yellow

Exposed Rock type _____ % surface cover NONE size range _____

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

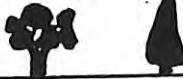
Bare Ground % surface cover 10-30 (annuals in spring)

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>Ac. acumin</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>Dampiera teres</i>
GRASSES		HERBS		SEDGES	
	over 0.5m			over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	10-30	10-30			10-30
DOMINANT SPECIES	<i>Stipa trichoph</i> <i>Stipa eleg</i>	<i>Borja lacini</i>			<i>Lepidob. chaet</i>

4. VEGETATION CONDITION

Comments

excellent to very good.

20x20

[illegible]

Samal

Samal

Samal

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

Ph. lotus humilis 3/11 —

↑ 18155

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA NBAD

SITE NUMBER I

QU19

DATE TRIP 5-9-1997

RECORDERS L/M/NG

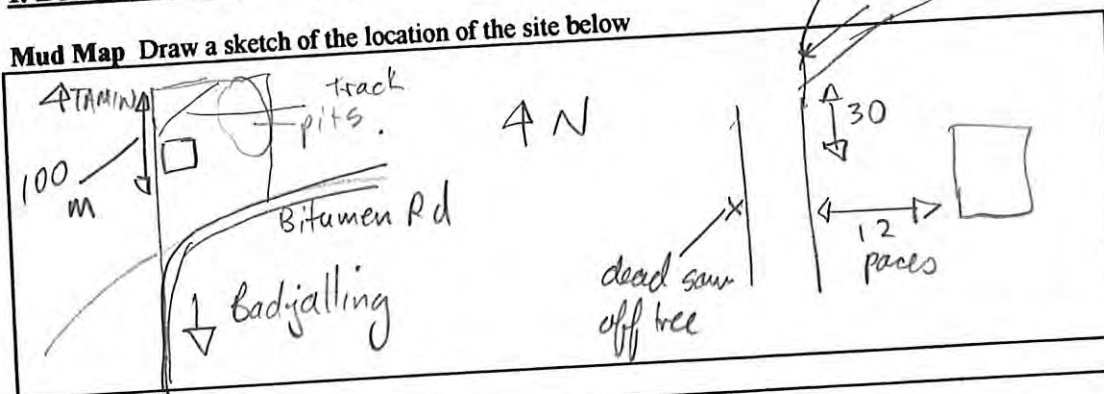
DATE TRIP 3-11-99

RECORDERS AN/G

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 54 55.8 S Longitude 117 27 04.0 E Altitude 542649
GPS Map Sheet Accuracy HDP 3.2

AMG
542649
6468829

Photograph

Name NG

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 steep Aspect N NE E SE S SW (W) NW

Surface Soil sandy clay Depth to Rock 50cm Colour grey

Exposed Rock type latrite % surface cover <1 size range sm. pebbles

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

Bare Ground % surface cover 30-70 (annuals - 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

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					
Cover Class		2-10%	10-30%	30-70%	over 70%
TREES					
	over 15m	5-15m	under 5m		
LIFE FORM					
COVER CLASS (%)	10-30				10-30
DOMINANT SPECIES	<i>Euc. capillosa</i>				<i>Euc. erythronema</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>Enchylaena tomentosa</i>
GRASSES					
	HERBS		SEDGES		
LIFE FORM					
COVER CLASS (%)	10-30				2
DOMINANT SPECIES	<i>Stipa trich</i> <i>Bromus</i> <i>Stipa elegans</i>		<i>Eriophyllum</i>		<i>Schoenus</i>

4. VEGETATION CONDITION

Comments

very good - excellent

4 18155

20720

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

plant's name or working name if required

5. SPECIES PRESCENCE

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

plant's name or working name if required

SITE No NBAD 1

Record on Sheet

Date 5-9-1997

- Column 1 plant name

- Column 2 plant number

- Column 2 plant number
- Column 3 flowering time- TICK if species flowering

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

same

[illegible]

✓ *Equisetum telmateia* (USA) 5-9-97

TOAPIN Water Reserve.

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA TOAP SITE NUMBER 1

DATE TRIP 5-9-1997 RECORDERS L/M/N/G

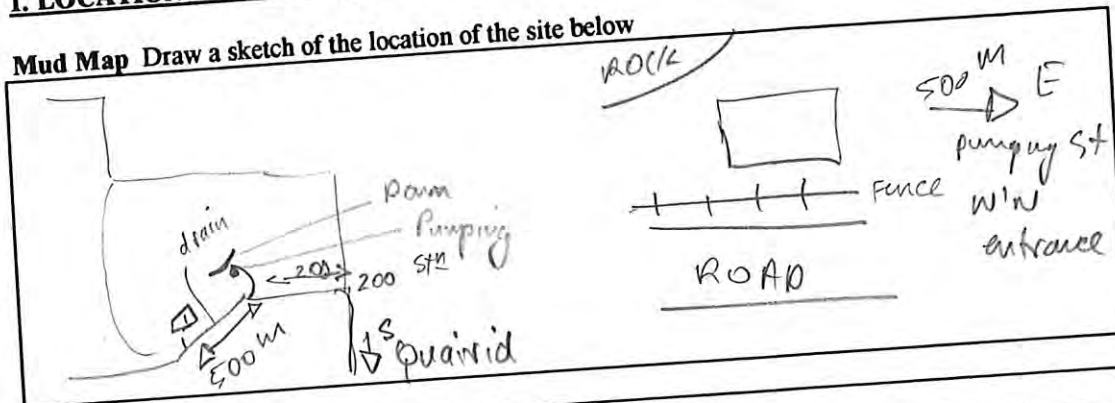
DATE TRIP 4-11-99 RECORDERS ANG

DATE TRIP _____ RECORDERS _____

QU20

1. LOCATION of the QUADRAT

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



Road Location

Geographic Location Latitude 31°59'06.9 S Longitude 117°21'20.7 E Altitude 533608

GPS Accuracy 4.00 P 2.2

Map Sheet

ANG

533608
6461132

Photograph

Name NG

Number 25

Topographic Position

Upland

Upper slope

Midslope

Lower slope
Valley
Washline

(Circle the correct response)

below granite

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 20-50 Colour gritty brown

Exposed Rock type granite % surface cover _____ size range _____

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

Bare Ground % surface cover 30-70 (>90% annuals in)

Spring

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

3. VEGETATION STRUCTURE AND COVER

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

Cover Class		2-10%	10-30%	30-70%	over 70%
TREES					
	over 15m	5-15m	under 5m	MALLEES over 8m	under 8m
LIFE FORM					
COVER CLASS (%)			30-70		
DOMINANT SPECIES			Ac. acum Allocas. hueg		
SHRUBS					
	over 2m	2m-1.5m	1.5-1m	1-0.5m	SHRUBS under 0.5m
LIFE FORM					
COVER CLASS (%)					
DOMINANT SPECIES					
GRASSES					
	HERBS	SEDGES	over 0.5m	under 0.5m	
LIFE FORM					
COVER CLASS (%)	30-10-70	30-70		<2	
DOMINANT SPECIES	Aristida Neracchio Stipa	Mixed			

4. VEGETATION CONDITION

Comments

good - very good

TOAPIN WATER RESERVE

5. SPECIES PRESCENCE

SITE No TOAP I

- Column 1 plant name

Date 5-9-1997

- Column 2 plant number

4-11-1990

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

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

[illegible]

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA QUAIRADING SITE NUMBER 21

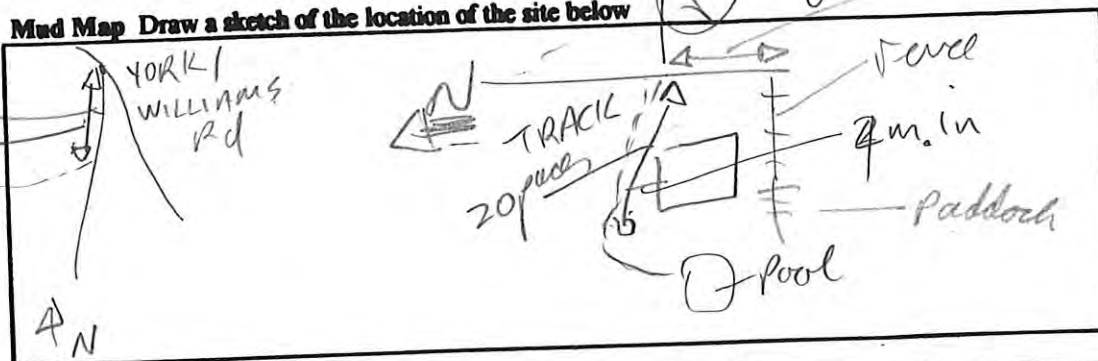
DATE TRIP 4-11-99 RECORDERS ANG

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 SPRINGHILL RD

Geographic Location Latitude 32 48.5 S Longitude 116 47.01 E Altitude _____
GPS Accuracy _____
Map Sheet _____

Photograph Name Number

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 loam Depth to Rock > 1 Colour light brown

Exposed Rock type 0 % surface cover _____ size range _____

Litter 100 % surface cover _____ Depth (cm) 2-10

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

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	Eucalyptus				
	SHRUBS				SHRUBS
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	10/30				
DOMINANT SPECIES	Melaleuca				
	Actinost				
	GRASSES	HERBS	SEDGES	SEDGES	
				over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	<2	10-30			2-10
DOMINANT SPECIES	Stipa	Mixed			gahnia trifida

4. VEGETATION CONDITION

Comments

very good

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

70720

same

5. SPECIES PRESCENCE

SITE No 104 21

Date 4-11-99

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

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

Record on Sheet

- Column 1 plant name
- Column 2 plant number

Sam

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

[illegible]

Quadrading Area

Area 2

↑ 11039

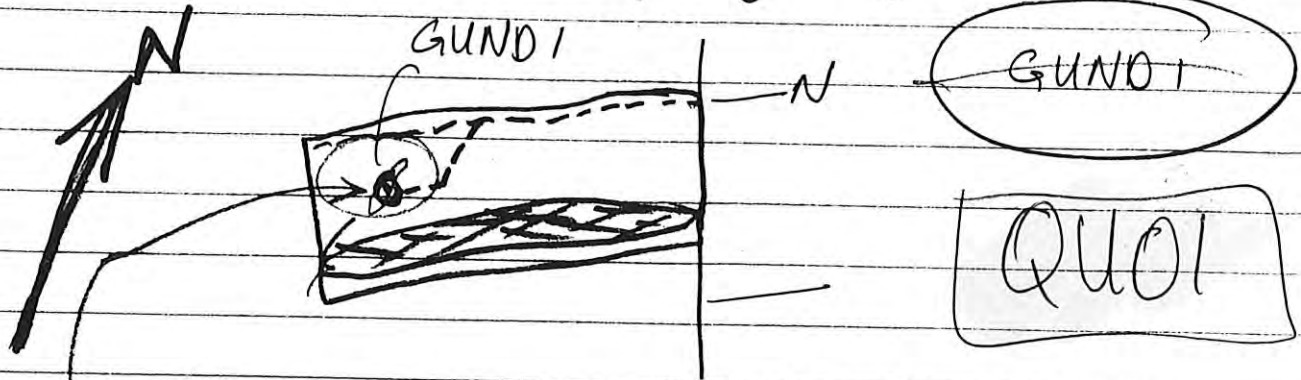
Gundering NR

(south of Mt Stirling)

Granite Apron

25 k NE Quadrading

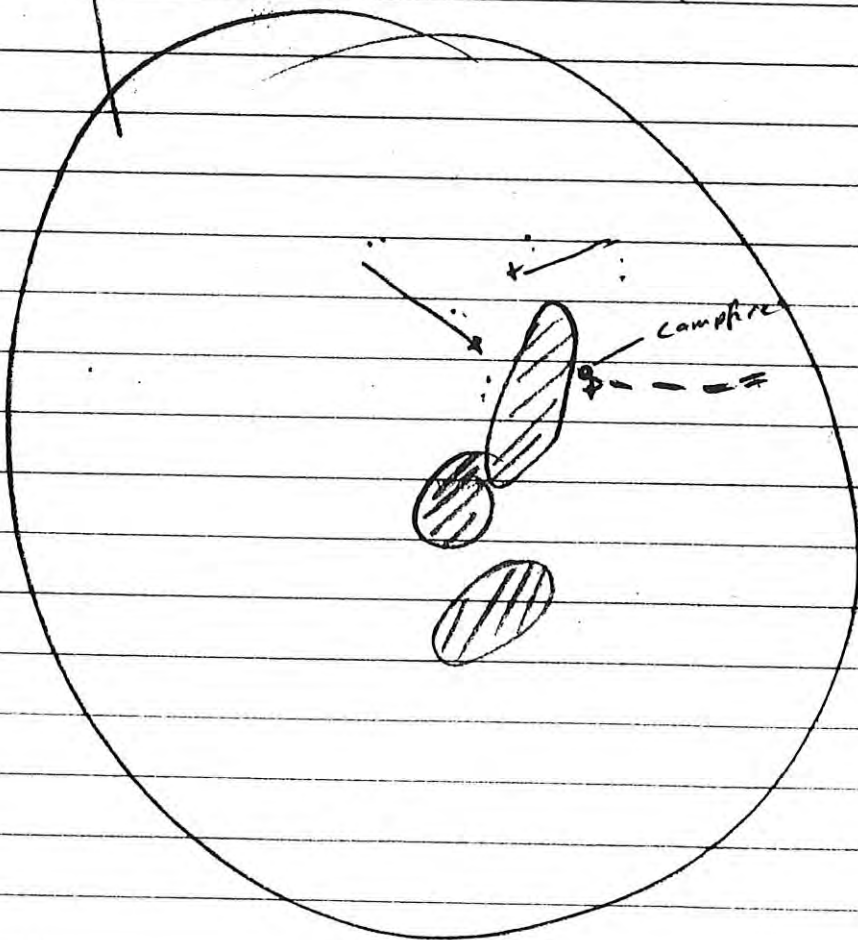
She Oak + Jam / herbs / Mg surface



$31^{\circ} 51' 13.2'' S$

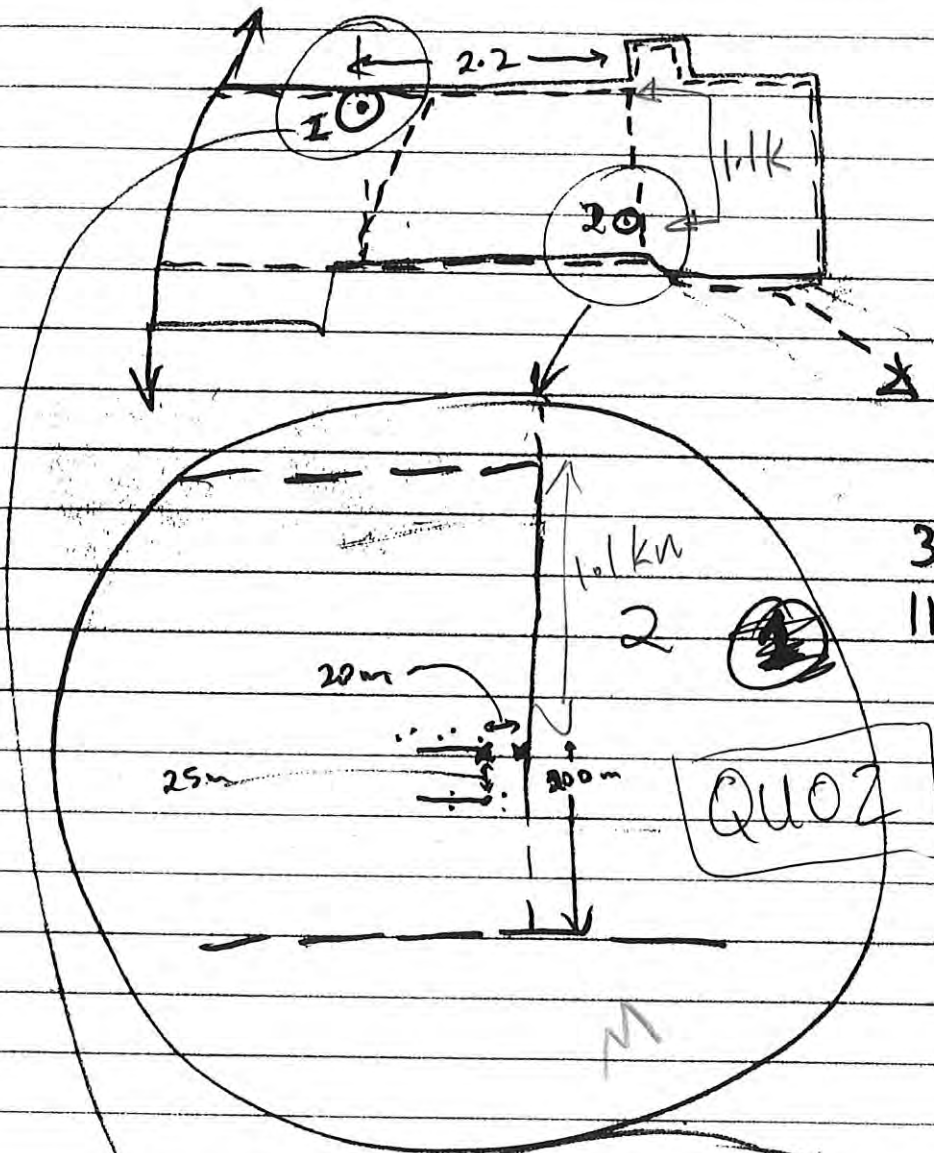
$117^{\circ} 37' 07.7'' E$

$\pm 75 m$



20041 Flora Charles Gardner

- ① Monkopen Sandplain (high) grey sand & lots of gravel
- ② Quaiting erosion (Latent ridge) - latent pavement + Muller



31° 47' 21.2" S
117° 29' 47.0" E
± 5 m

AVG - 546994
6482808

31° 46' 45.3" S
117° 28' 22.5" E
± 90 m

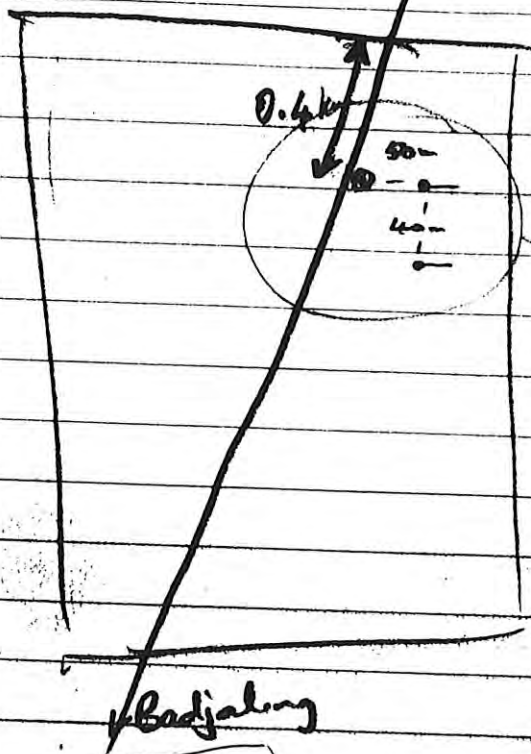
AVG
544777
6483923

✓
 Old Yellow Sand ↑ 23758 Flora ↑
 10 km E Quairading
 Quairading ←

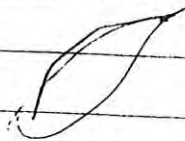
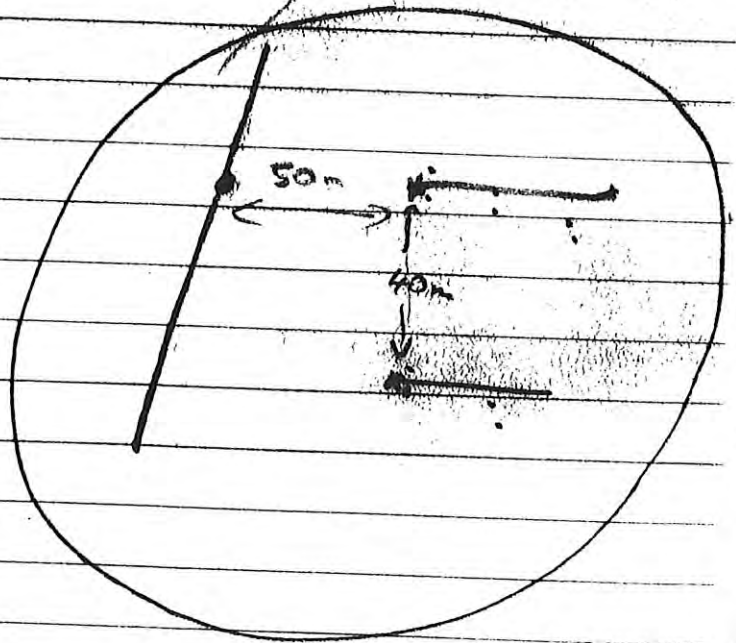
Xylomelum.
 Cy. campestris
 Actinostrobos
 Grevillea excelsa

31° 59' 10.3" S
 117° 29' 53.3" E
 ± 120

AMG - 547059
 6460974



QU04

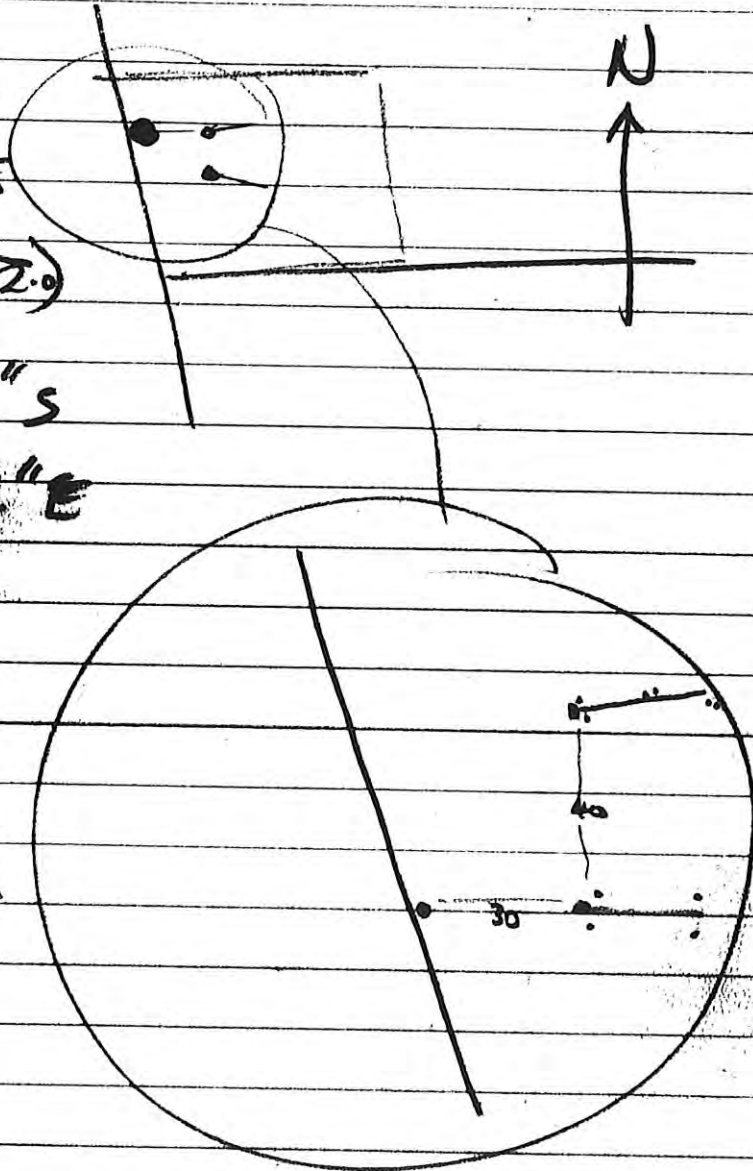


10kE of Quairading, then
 4.6 km SSE of Badgaling Siding $\uparrow$ 12333 $\approx 25h$
 Avon Surface Girelet / Salmon Gum / weeds
 Dead Trees + Trees Dying (salted)
 350 m NNW of SW corner

~~32° 02' 29.1" S~~
~~117° 31' 17.4" E~~
 ~~$\pm 60m$ (KDP 2.9)~~

32° 02' 29.1" S
 117° 31' 17.4" E
 $\pm 60m$

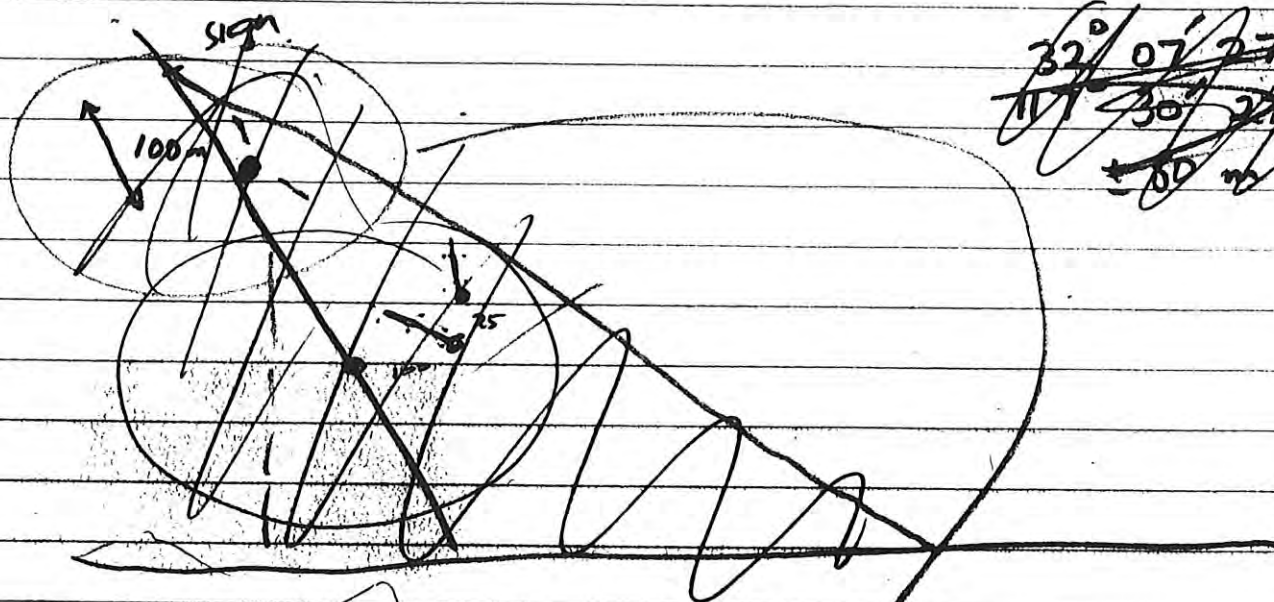
QU05



B (Belkuling) surface
Mallee / shrubland

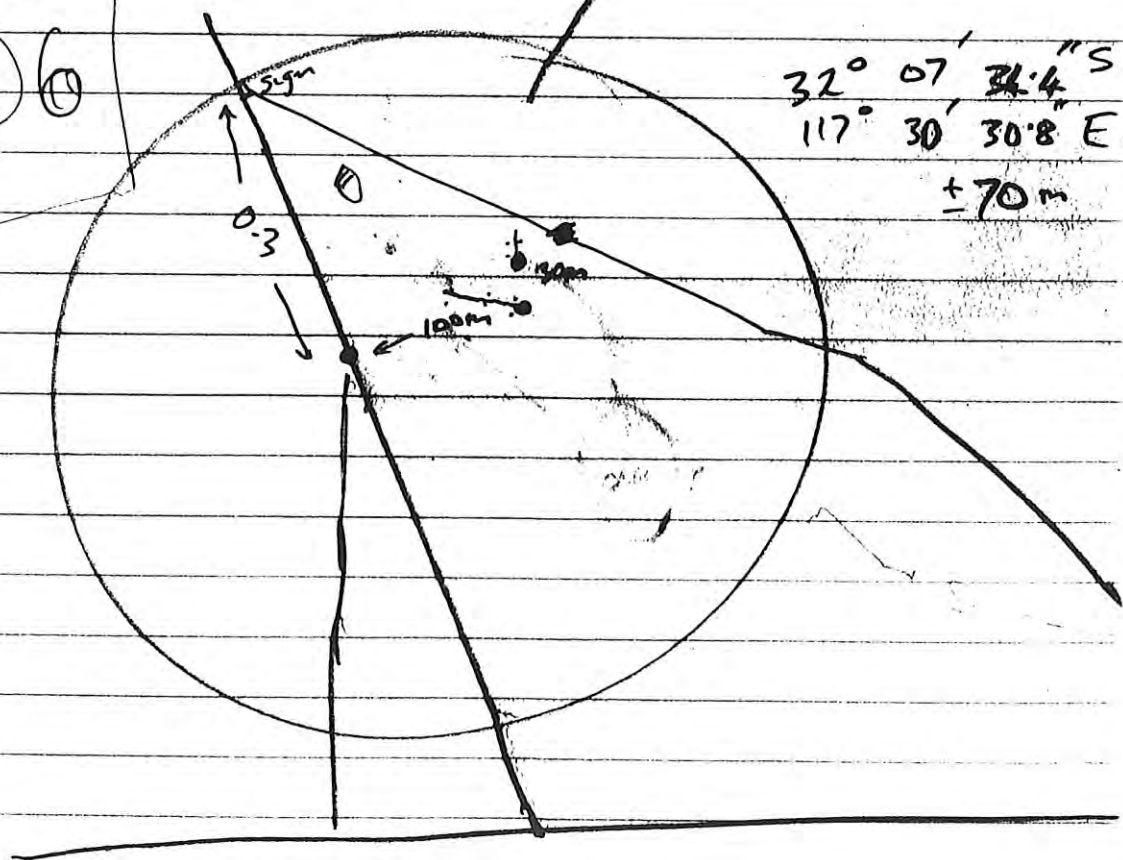
↑ 16346
~~12333~~ ≈ 50 ha
Duplex soil

15 km SE of Quairading
Wamenucking N.R.



~~32° 07' 27" S~~
~~117° 30' 32.4" E~~
~~± 100 m~~

Q4006



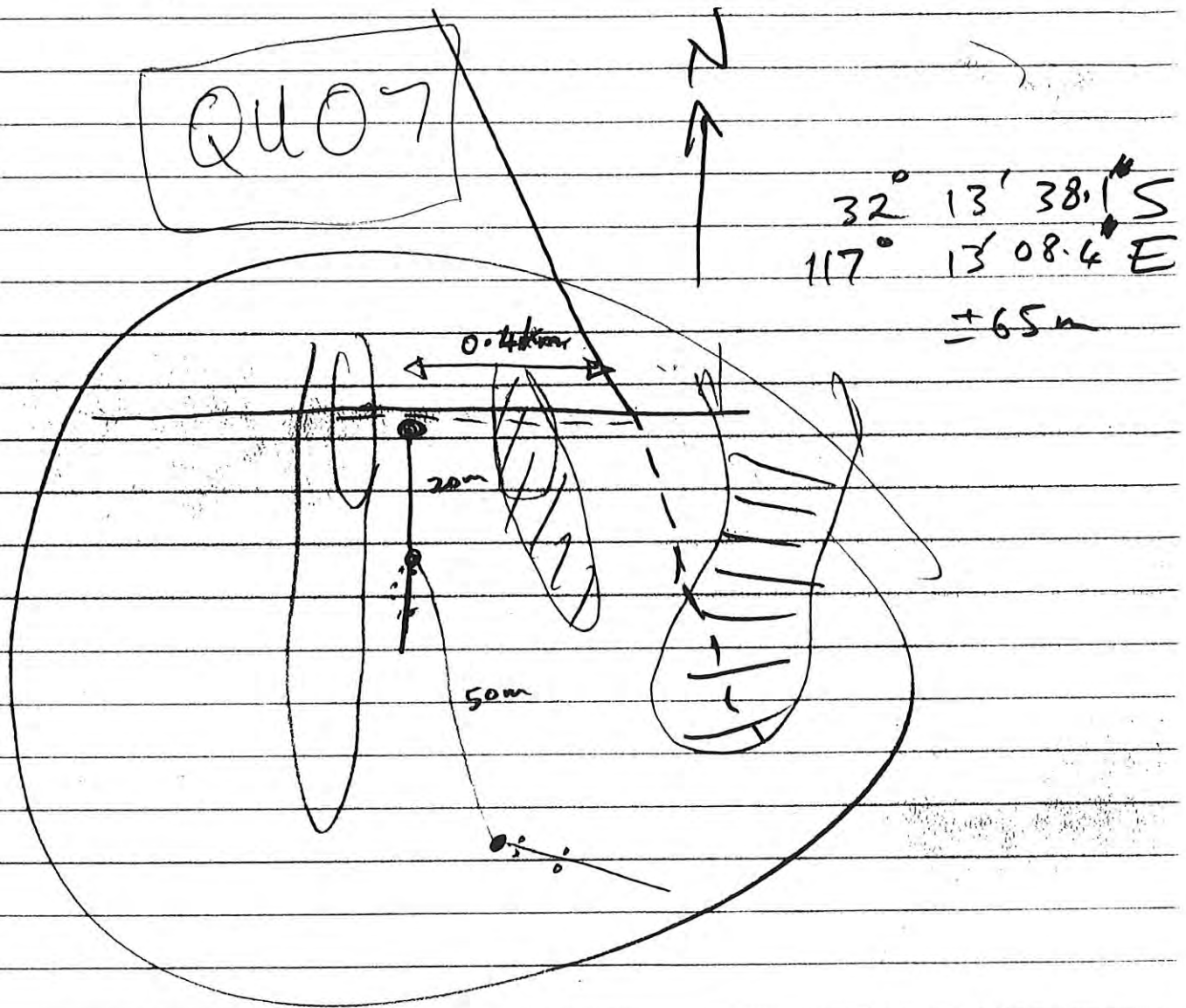
32° 07' 34.4" S
117° 30' 30.8" E
± 70 m

28088

Yengening Lakes

26 k SW of Qunirading Town

Melaleuca uncinata to 3m + tussock
sedge / grass & occasional samphire ~~for~~ *Melaleuca*



↑ 28317 8 km S of Quairading

(≈ 40 ha) ✓

Mortlock surface

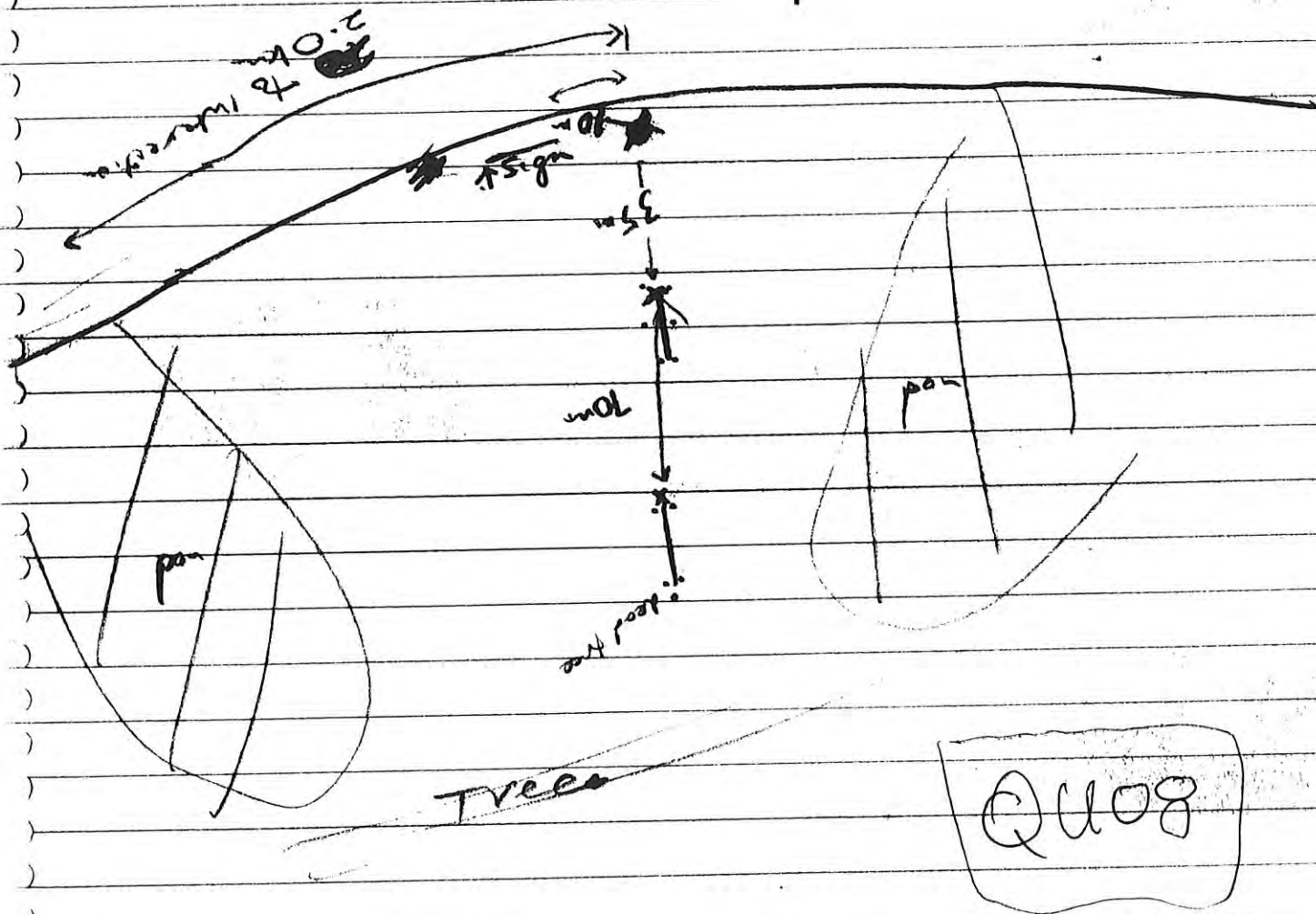
dead *M. paupenflor* over
samlure

$32^{\circ} 05' 01.7''$ S

$116^{\circ} 23' 32.6''$ E

(~~lower~~ salted since 1920)
(2.0 km E of ↑ 11153)

± 50 m



↑ 11153

8 km SSW of Quairodo

Adon (A) surface

Salmon Gum + Gumlet / Santalum

QU09

$32^{\circ} 05' 00.8'' \text{S}$ N
 $117^{\circ} 22' 05.9'' \text{E}$ ↑
 $\pm 75 \text{m}$

200m

0.8 km

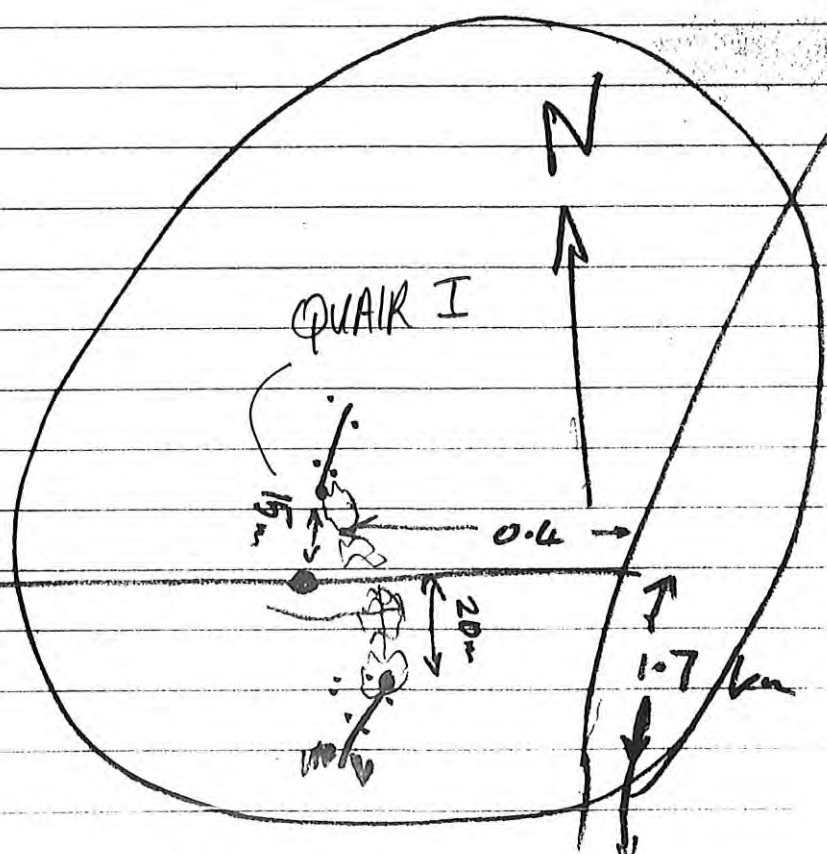
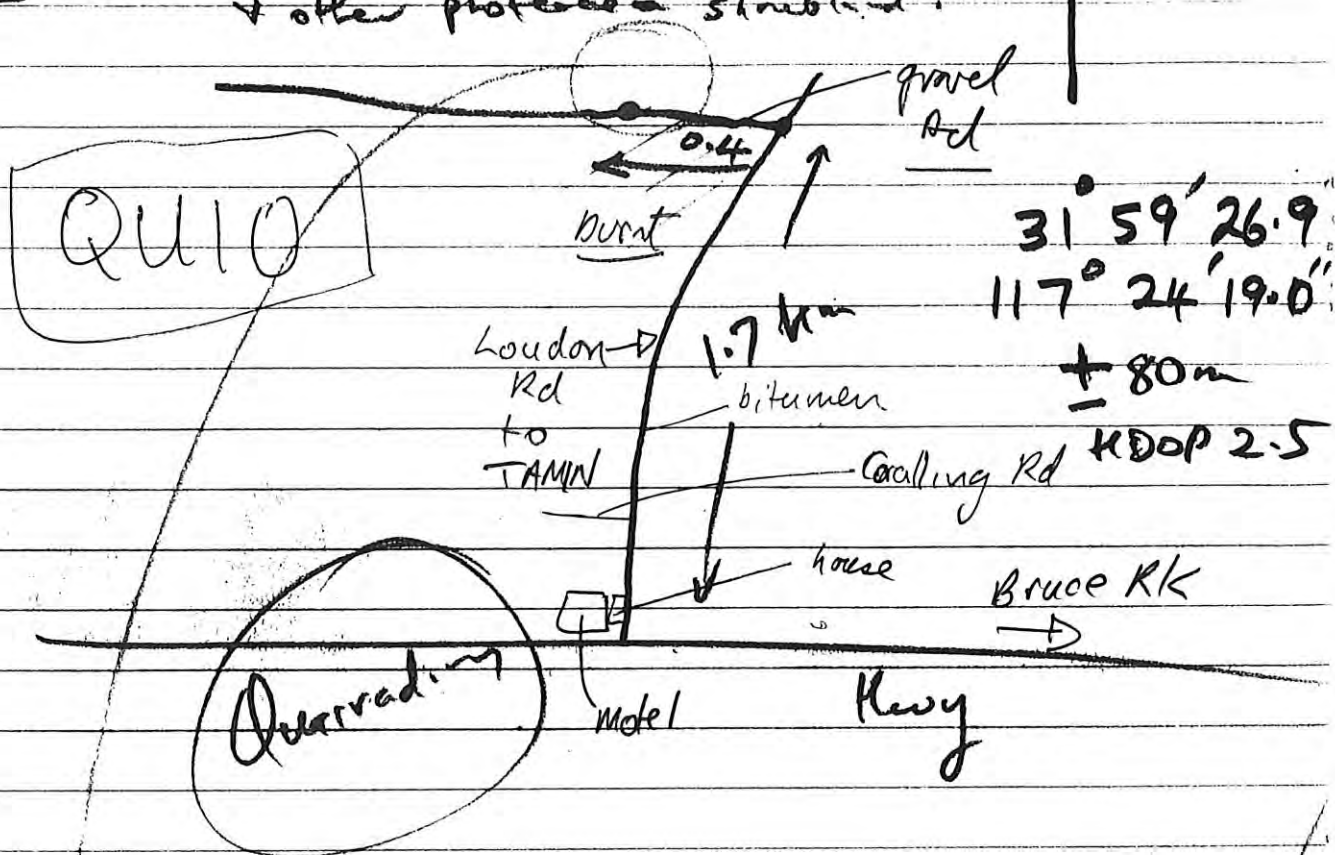
68m

← 65 →

0.4 km

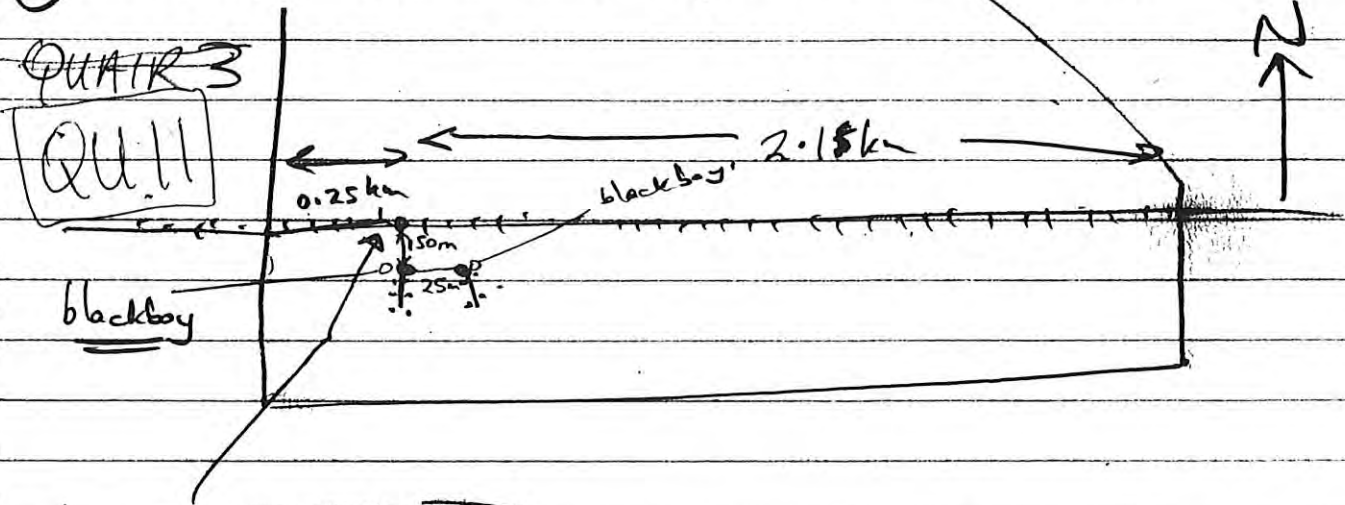
1.7 km N Quarradine
K (Kauring sandplain)

Euc. macrocarpa, Dryandra
+ other proteaceous shrubland.

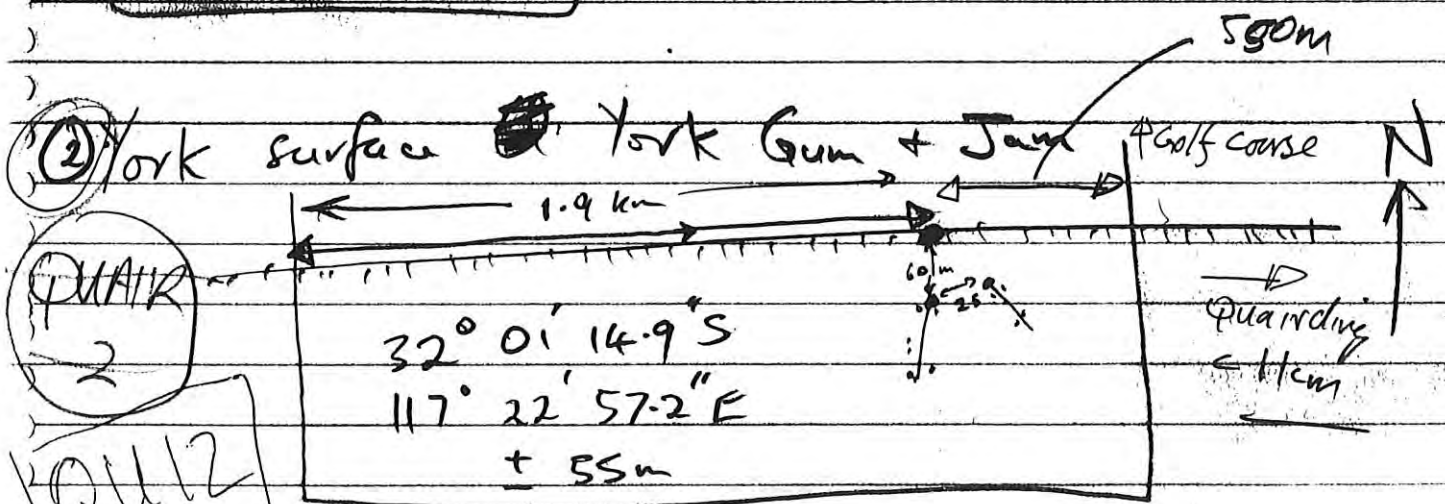


↑ 16405 Quarvading Railway Water Supply 2 km
W of Quarvading Town

③ Monkopen (lower) sandplain = low shrubs to 2m



32° 01' 32.1" S
117° 21' 58.0" E
± 55m



32° 01' 14.9" S
117° 22' 57.2" E
± 55m