

HY01

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA DRA G SITE NUMBER 02

DATE TRIP 25-9-1997 RECORDERS N/M/G/S

DATE TRIP _____ RECORDERS _____

DATE TRIP _____ RECORDERS _____

1. LOCATION of the QUADRAT

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

See above

Road Location

Geographic Location Latitude 32 37 42.3 S Longitude 119 00 02.8 E Altitude
GPS Accuracy 3.4
Map Sheet PEDERAH 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 clay-loam Depth to Rock _____ Colour grey

Exposed Rock type _____ % surface cover NONE size range _____

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

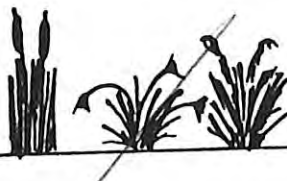
Bare Ground % surface cover 10-30

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%

LIFE FORM	TREES			MALLEES	
	over 15m	5-15m	under 5m	over 8m	under 8m
					
				10-30	
				MIXED	
LIFE FORM	SHRUBS				SHRUBS
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
					
		30-70		2	
		Melal. uncin		Gastrol. parvif	
				Dodonaea	
LIFE FORM	GRASSES	HERBS	SEDGES	over 0.5m	
					under 0.5m
					
	< 2	< 2			< 2

4. VEGETATION CONDITION

Comments

excellent

HY 1

20 X 20

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESCENCE

SITE No. DRAG 02

Date 25-9-1997

6-9-1999

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. flocktoniae

TREES

No FI ID

SHRUBS (cont.)

No FI ID

HERBS (cont.)

No FI ID

MALLEES

Euc. calycogona sp. caly. / (VSP)

Euc. acrotrichia /

SHRUBS

Melaleuca uncinatum /

Gastrolobium parviflor /

Dodonea hirsutifolia /

Cassytha melantha /

Exodarpus aphyllus /

Melaleuca sp. /

" tuberculata sp. /

Platysace Maxwellii /

Dodonea viscosa ang /

Gyptandra I /

" II apelta viridifolia /

Phebalium bracteatum /

Santalum acumin /

Acacia aff. tetanophylla 25/9/97 /

Lomatium sp. 27/9/97 /

As. volucre sp. /

GRASSES

Danthonia setacea /

Amphipogon strictus /

Stipa /

Pentascotis carnea 25/9 /

Lomatium /

HERBS

Millotia tenuiflora /

Lobelia red /

Thysanotus paterson /

Ternstroemia elaeagnifolia /

[New species]

6-9-99

Lobelia saccharata /

Hypoxis glabella /

Brennania drum. /

Hyalosporium glaucum /

Rhodantha laevis /

Acacia sp. /

Pteris caerulea /

Oenothera ramosissima (VSP) /

SEDGES

Euc. pilosa gr. (red) /

Gay mallee 5m /

Lobelia roei /

phlox

✓ Melaleuca spicigera def.

HY02

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA GULS SITE NUMBER Ø3DATE TRIP 26-9-1997 RECORDERS M/M/G/S

DATE TRIP _____ RECORDERS _____

DATE TRIP _____ RECORDERS _____

1. LOCATION of the QUADRAT

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

Road Location

Geographic Location Latitude 32 45 52.3 S Longitude 119 24 52.6 E Altitude
 GPS Accuracy 2.2
 Map Sheet PEDERAH 1:100,000

Photograph Name ML Number 36

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

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 saline

Exposed Rock type _____ % surface cover NONE size range _____

Litter standing twigs % surface cover < 2 Depth (cm) —

Bare Ground % surface cover 30-70

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.

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

TREES			ALLEES	
	over 15m	5-15m	over 8m	under 8m
LIFE FORM				
COVER CLASS (%)				
DOMINANT SPECIES				
SHRUBS			SHRUBS	
	over 2m	2m - 1.5m	1.5 - 1m	under 0.5m
LIFE FORM				
COVER CLASS (%)				10-30
DOMINANT SPECIES				Halosarcia halocn
GRASSES		HERBS	SEDGES	under 0.5m
LIFE FORM				
COVER CLASS (%)	< 2	< 2		
DOMINANT SPECIES				

4. VEGETATION CONDITION

Comments

excellent

HY2

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 GULS 03

Record on Sheet

Date 26-9-1997

• Column 1 plant name

• Column 2 plant number

• Column 3 flowering time- TICK if species flowering

• Column 4 identification check

7-9-1995

TREES

No FI ID

SHRUBS (cont.)

No FI ID

HERBS (cont.)

No FI ID

MALLEES

GRASSES

Paraphlois incurva

SHRUBS

✓ Halosarcia halocnemoid

/ -

Frankenia pauciflora

/ -

✓ "cinerea"

/ -

sp off sessilis

(USP)

= "glaucescens"

SEDGES

2/9/99

✓ Atriplex holocarpa (USP)

/ -

- check photo

26/9

HERBS

✓ Triglochin centroparva

/ -

minutissimum

sp Lk Harvey cephalanthus (USP)

✓ Senecio glaucanthus flatus

/ -

✓ Lepidium = Hornungia vrombica

/ -

✓ Colutea corymbosa

/ -

Grass sp sterile

Dragon Rks NR

HY03

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA DRAG SITE NUMBER 03

DATE TRIP 25/9/1997 RECORDERS M/N/G/S

DATE TRIP _____ RECORDERS _____

DATE TRIP _____ RECORDERS _____

1. LOCATION of the QUADRAT

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

Road Location

Geographic Location Latitude 32 38 29.8 S Longitude 118 59 23.0 E Altitude
GPS Accuracy 5.1
Map Sheet

Photograph Name ML Number 29

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

2. SITE DATA Circle the correct response

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

Surface Soil clay-loam Depth to Rock ? Colour brown

Exposed Rock type _____ % surface cover NONE size range _____

Litter Lvs, bark, twigs, logs % surface cover 30-70 Depth (cm) _____

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 (%)	2-10			10-30 2-10	
DOMINANT SPECIES	Euc salmon			Euc. remoph Euc.	

SHRUBS				SHRUBS	
	over 2m	2m - 1.5m	1.5 - 1m	1-0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)				<2	2-10
DOMINANT SPECIES				Exoc. aphyll	Olearia muelleri

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

4. VEGETATION CONDITION

Comments

excellent

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESCENCE

SITE No DRAG 03

Date 25-9-1997

6/9/99

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

20x20

Euc. loxophleba-

TREES

Euc. salmonoph

MALLEES

Euc. eremophila

11 / - villosa (smith, peely in vultures)

SHRUBS

~~Leucophaea~~

Olearia muelleri

Rhagodia praeisii ssp. praeisii

Templetonia sulc

SHRUBS (cont.)

GRASSES

Danthonia

Aira cary (Pentasch)

Vulpia myuro

Stipa trichophylla

" elegant

HERBS

Oxalis prennans

Hypoch glab

Calandrinia ~~hemata~~ calyptata

Crassula colorata colorata

Calotis hispidula

Crassula pedunc

HERBS (cont.)

Pentaschistis airoides

SEDGES

6/9/99

Gripe wood (Arctotheca cal)

HY04

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA DRAG SITE NUMBER 01DATE TRIP 25-9-1997 RECORDERS N/M/G/S

DATE TRIP _____ RECORDERS _____

DATE TRIP _____ RECORDERS _____

1. LOCATION of the QUADRAT

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

Road Location DRAGON RKS NRGeographic Location Latitude 32 41 16.2 S Longitude 118 58 40.5 E Altitude
GPS Accuracy 3.5
Map Sheet PEDERAH 1:100,000Photograph Name ML Number 27Topographic Position (Circle the correct response)
Upland Lower slope
Upper slope Valley
Midslope Washline**2. SITE DATA** Circle the correct responseSlope flat gentle steep Aspect N NE E SE S SW W NWSurface Soil sandy clay Depth to Rock 2-10cm Colour yellowExposed Rock type laterite % surface cover 2-10 size range pebbles 2-10Litter wigs, sticks, 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

Cover Class	2-10%	10-30%	30 - 70%	over 70%
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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	30-70			
DOMINANT SPECIES	<i>Leptospermum spinosum</i>	<i>Halimolobos erecta</i> <i>Melaleuca</i>			
GRASSES		HERBS	SEDGES	SEDGES	
			over 0.5m	under 0.5m	
LIFE FORM					
COVER CLASS (%)	< 2	< 2		2-10	
DOMINANT SPECIES					

4. VEGETATION CONDITION

Comments Excellent

HYQ4

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESCENCE

SITE No DRAG 01

Date 25-9-1997

6-9-1999

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

Record on Sheet

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

TREES

No FI ID

SHRUBS (cont.)

No FI ID

HERBS (cont.)

No FI ID

MALLEES

SHRUBS

tuberculata "sk coast form"

GRASSES

Newachne alopec

Amphipogon turbin

Isopogon gardneri

Petrophile misturata

Petrophile

HERBS

Drosera macrantha

Drosera barbigera

Conostylis argentea

Conostylis (petrophiloides)

Prasophyllum macrotys

Lomandra mucronata

Stylidium charanth

Tricoryne tenella

Laxmannia palacea

Stylidium brevicaule

Beaufortia orbifolia

Beaufortia puberula (vsp)

Dryandra erythrocephala

Thryptomena

Mallaleuca tuberculata "sk coast form"

Hibbertia pungens

Persoonia ? ~~teretifolia~~ quinqueveneris

Chaenactis navicularum

Cassytha ? pomif

Dryandra pallida

SEDGES

Lepidosperma sp AZ Flt 2

~~Lepidosperma~~

Lepidosperma australis

Lepidosperma sp F1

Schoenus brevisetis

6/9/99 Stylidium affrasum

? Petio

Pterostylis recurva

Pygma Drosera ? barbigera

Stylidium affrasum - eriophorum

Pterostylis turgida group

Narcissus f. grandiflora

Thysanotus (leaves only)

Microseris rubra

Petrophile glauca

off barbigera
[DWARF BUDS]

var latifolia

NOTE 6/9/99
 JH 15, Has been established over our site, our droppers have been pushed over but not removed.
 (marked yellow type) Reestablished droppers, marked pink type

HY05

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA D R A G SITE NUMBER 04DATE TRIP 25-9-1997 RECORDERS N/M/G/S

DATE TRIP _____ RECORDERS _____

DATE TRIP _____ RECORDERS _____

1. LOCATION of the QUADRAT

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

Road Location

Geographic Location Latitude 32 45 26.9 S Longitude 119 00 27.0 E Altitude
 GPS Accuracy 1.9
 Map Sheet PEDERAH 1:100,000

Photograph Name ML Number 30

Topographic Position (Circle the correct response)

<u>Upland</u>	<i>Lower slope</i>
<i>Upper slope</i>	<i>Valley</i>
<i>Midslope</i>	<i>Washline</i>

2. SITE DATA Circle the correct response

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

Surface Soil **Depth to Rock** **Colour**

Exposed Rock type laterite % surface cover NONE size range

Litter NS, twigs % surface cover 70-90 Depth (cm)

Bare Ground % surface cover 10

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

3. VEGETATION STRUCTURE AND COVER

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

Cover Class	2-10%	10-30%	30 - 70%	over 70%
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TREES				MALLEES	
	over 15m	5-15m	under 5m	over 8m	under 8m
LIFE FORM					
COVER CLASS (%)	10-30		2		
DOMINANT SPECIES	Euc		Callitris		
				SHRUBS	
	over 2m	2m - 1.5m	1.5 - 1m	1-0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	10-30	2-10		2-10	2-10
DOMINANT SPECIES	Alloc. acutiv	Beyeria Mel. uncin Dryandra		Isop. bar stenanth Phebalium	Hibbertia pung
GRASSES		HERBS	SEDGES	under 0.5m	
LIFE FORM					
COVER CLASS (%)	< 2	< 2		10-20	
DOMINANT SPECIES				Lepidosperma	

4. VEGETATION CONDITION

Comments

excellent

HY5

Dragon Rks N.R.

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

20x20

5. SPECIES PRESENCE

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

SITE No. DRAG 04

Record on Sheet

Date 25-9-1997

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

Same

6-9-1995

TREES

No FI ID

SHRUBS (cont.)

No FI ID

HERBS (cont.)

No FI ID

Euc ~~gordneri~~ ^{ssp. gordonii} ~~(Mallot)~~ grey -

Euc ~~falcata~~ ^{argyrea} -

Euc ~~phacophylla~~ ^(Mallot) not grey

ssp. phacophylla -

MALLEES

GRASSES

SHRUBS

SEDGES

HERBS

6/9/95

Dodonaea viscosa angust -

Leptospermum ~~erubescens~~ -

Beyeria ~~brac~~ ^{brac} -

Isopogon buxifol -

Dryandra pallida vsp -

Phlebalium tuberculata -

Hibbertia ~~purpurea~~ ^{exasperata} vsp -

Allocas acutivalv -

Stenanthemum ~~Spyridium~~ ^{microceph} vsp -

Melaleuca uncinata -

Callitris ~~canescens~~ (dead) -

Platysace maxwellii -

Persoonia coriacea -

Gastrolobium spinosa -

Platysace -

Leucopogon ~~Brachyl~~ -

Hakea ~~()~~ ^{francis} -

" ~~sp~~ ^(subsulcata) -

Trymalium ~~cladophylla~~ -

Pterostylis recurva -

Cyanicula ~~caerulea~~ ^{ssp. apark} (un) -

Thysanotus mangl -

Pterostylis ~~vittata~~ ^{sanguinea} -

-

-

-

-

-

-

-

-

Lepidosperma ~~viscidulum~~ ^{ssp} -

Sp 42 Flat Island -

Callitris ~~canescens~~ (overly) (live) -

(un) -

Dragon Rocks NR

HY06

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA DRAG SITE NUMBER 05

DATE TRIP 25-9-1997 RECORDERS N/M/G/S

DATE TRIP _____ RECORDERS _____

DATE TRIP _____ RECORDERS _____

1. LOCATION of the QUADRAT

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

Road Location

Geographic Location Latitude 32 45 59.2 S Longitude 119 00 44.2 E Altitude
GPS Accuracy 5.6
Map Sheet PEDERAH 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 sand Depth to Rock _____ Colour white

Exposed Rock type _____ % surface cover NONE size range _____

Litter twigs, lvs % surface cover 10-30 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%

LIFE FORM	TREES			MALLEES	
	over 15m	5-15m	under 5m	over 8m	under 8m
					
					30m
					10m
COVER CLASS (%)					2-10
DOMINANT SPECIES					Euc.
LIFE FORM	SHRUBS				SHRUBS
	over 2m	2m-1.5m	1.5-1m	1-0.5m	under 0.5m
			 Grev. hook Erem. panic		
					2m
					1m
COVER CLASS (%)			30-50		2-10
DOMINANT SPECIES			Ret. ericif Daviesia Hakea erecta		Isop. villos Leucopogon Beaufortia micromera
LIFE FORM	GRASSES	HERBS	SEDGES	over 0.5m	
				under 0.5m	
					
				1m	
COVER CLASS (%)	2	2		10-30	
DOMINANT SPECIES				Schoenus glob Caustis Jodice	

4. VEGETATION CONDITION

Comments excellent

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESCENCE

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

SITE No DRAG 05

Record on Sheet

Date 25-9-'1997

6-9-1955

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

TREES				SHRUBS (cont.)				HERBS (cont.)			
No	FI	ID		No	FI	ID		No	FI	ID	
			<i>Daviesia reversifolia</i>				<i>Leptospermum</i> aff <i>spines</i>				
			<i>Hibbertia</i> cf <i>pungens</i>				<i>prostrata</i>				
			<i>Dryandra</i> <i>circoid</i>				<i>constellatoides</i>				
			<i>Leucopogon</i> III				<i>mutifloris</i> aff <i>obtusatus</i>				
			<i>Melaleuca</i> <i>pungens</i>								
			<i>Leucopogon</i> sp IV								
			<i>Anthodium</i> <i>rubra</i>								
			<i>Andersonia</i> <i>calytrix</i> aff <i>plumosa</i> (USP)								
			GRASSES								
			<i>Amphipogon</i> <i>turbin</i>								
			<i>Nekuralche</i> <i>alopecuroid</i>								
			SHRUBS								
			<i>Hakea</i> <i>recta</i>				<i>Schoenus</i> <i>caespitosus</i> (USP)				
			<i>Daviesia</i> <i>andrea</i> (USP)				SEDGES				
			<i>Beckea</i> <i>grandis</i>				<i>Caustis</i> <i>dioca</i>				
			<i>Lysinema</i> <i>ciliatum</i>				<i>Mrsomelaena</i> ? <i>pseud</i> <i>brassii</i>				
			<i>Banksia</i> <i>violac</i>				<i>Lepidosperma</i> sp PI small leaf				
			<i>Petrophile</i> ? <i>ericif</i>				<i>Schoenus</i> = <i>Tricentherix</i> aff <i>complanatus</i> (USP)				
			<i>Beaufortia</i> <i>miscumata</i>				<i>Lepidobol</i> <i>chaetoprius</i>				
			<i>Isopogon</i> <i>tretifolius</i> sp <i>petrioides</i>				<i>Desmodioides</i> = <i>Polulinia</i> <i>claudens</i> (USP)				
			" <i>villosi</i>				<i>Schoenus</i> / <i>tr</i> <i>brevisetus</i> - vel aff				
			<i>Grevillea</i> <i>cagliana</i>								
			<i>Leucopogon</i> ? <i>chrysanth</i> <i>petrioides</i>								
			<i>Dampiera</i> <i>junc</i>								
			<i>Daviesia</i> <i>abnormis</i>								
			<i>Synaphea</i>								
			<i>Daviesia</i> <i>lostera</i>								
			<i>Hibbertia</i> <i>strenua</i>								
			<i>Melaleuca</i> ± <i>tubercul</i>								
			" ±								
			<i>Petrophile</i> <i>circinnata</i>								
			<i>Leucopogon</i> II <i>from</i> <i>horridus</i> (USP)								

✓ *Lepidosperma fastigiatum* in elegans - ADT Saville shuttleworthii
ssp shuttle 2/9

MT Vernon NR

HY07

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA VERN SITE NUMBER 01

DATE TRIP 25-9-1997 RECORDERS N/M/G/S

DATE TRIP _____ RECORDERS _____

DATE TRIP _____ RECORDERS _____

1. LOCATION of the QUADRAT

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

Road Location MT Vernon NR

Geographic Location Latitude 32 46 28.0 S Longitude 119 04 15.9 E Altitude
GPS Accuracy 6.8
Map Sheet PEDERAH 1:100,000

Photograph Name ML Number 32

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 white-grey

Exposed Rock type % surface cover NONE size range

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

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%
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TREES					MALLEES	
	over 15m	5-15m	under 5m	over 8m	under 8m	
LIFE FORM						30m 10m
COVER CLASS (%)			< 2	< 2		
DOMINANT SPECIES			Callitris (ady)	Euc. (ady)		
SHRUBS						
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m	
LIFE FORM						2m 1m
COVER CLASS (%)			30-70		< 2	
DOMINANT SPECIES			Petroph. ericif Banks. violac Eremaea paucifl		Baeckea preiss Leucopogon Opere rubid	
GRASSES		HERBS	SEDGES	over 0.5m	under 0.5m	
LIFE FORM						1m
COVER CLASS (%)	< 2	< 2			2-10	
DOMINANT SPECIES		Cham. spir Drosera Lom. mucron			Schoenus	

4. VEGETATION CONDITION

Comments

excellent

HY7

Mt Vernon

N.R

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

20 x 20

5. SPECIES PRESENCE

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

SITE No JERN 01

Record on Sheet

Date 25-9-1997

7-9-1997

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

Callitris preissii verrucosa
tuberculata (usp)

TREES

No FI ID

SHRUBS (cont.)

No FI ID

HERBS (cont.)

No FI ID

MALLEES

GRASSES

SHRUBS

pauciflora

Neurachne alopecur

✓ Eremaea pauciflora var

✓ Retrophile cf ericifol

✓ Banksia violac

✓ Hakea ~~secta~~ ^{eggsua}✓ " ~~commutata~~ ^{obliqua}

✓ Leptospermum (pink)

✓ Baeckha preissiana

✓ Persoonia striata

✓ Dryandra (dead)

✓ Verticordia

✓ Dampiera ~~fruticosa~~ ^{sac}

✓ Daulnesia abnormis

✓ Allocasuarina microst

✓ Hakea lissocarpa

✓ Calceolaria cf cyanea

✓ Dryandra xylothemelia

✓ Opaculania rubidioid

✓ Leucopogon fimbriatus

✓ Stawellia gymnoc

✓ Calytrix sp 25/9

✓ Baeckha sp 25/9

✓ Stipa pyramidalis

✓ Zingelans ^{fraci}

HERBS

✓ Chaemascilla spiralis

✓ Stylidium piliferum (glab)

✓ Laxmannia palacia

✓ Drosera zonaria

✓ Lomandra macronata

✓ Drosera pygmaea

✓ Conostylis (hairy)

✓ Hymenocallis glabra

✓ Conostylis (argente)

✓ Podotrocha ang

✓ Schoenus nanus

✓ Millotia myosot

✓ Calceolaria grandiflora

pycnanthus (usp)

ADS Eve albida 25/9/97

SEDGES

✓ Lepidos ^{chaetac}

✓ Mesomelasma preiss

✓ Lepidosperma brunonin

✓ Schoenus I vel off

✓ " II subfluv

7/9/99

✓ Cassiope stela

✓ Pteris buxifolia

✓ Dampiera ^{maritima} (white)

✓ Pygmaea pygmaea

✓ Pygmaea ^{clim}✓ Hymenocallis ^{var}✓ Stachys ^{maritima}✓ Nelotia ^{sp}✓ Tuberculata ^{usp}Hakea ^{stigma} 7/9 (with kept 5)

(usp) 7/9/99

LAKE GULSON NR

HY08

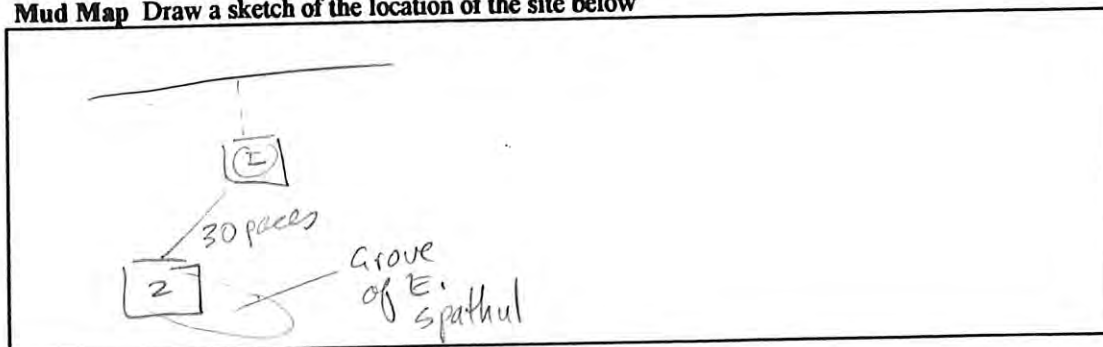
BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA GULLS SITE NUMBER 01DATE TRIP 25-9-1997 RECORDERS N/M/G/SDATE TRIP 2-9-1999 RECORDERS _____

DATE TRIP _____ RECORDERS _____

1. LOCATION of the QUADRAT

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



Road Location

Geographic Location Latitude 32 47 00.7 S Longitude 119 22 22.0 E Altitude _____
 GPS Accuracy 3.1
 Map Sheet PEPERAH NR 1:100,000

Photograph Name ML Number 33

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

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 + twigs, logs _____ % surface cover 2-10 Depth (cm) _____

Bare Ground _____ % surface cover >70 (covered by annuals in spring.)

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

3. VEGETATION STRUCTURE AND COVER

3. VEGETATION STRUCTURE AND COVER

TREES			MALLEES		
over 15m	5-15m	under 5m	over 8m	under 8m	
LIFE FORM			 		
COVER CLASS (%)					30m
DOMINANT SPECIES					10m

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

GRASSES		HERBS	SEDGES	over 0.5m	under 0.5m
LIFE FORM	 	 	  		  
COVER CLASS (%)	30-70	30-70	4		1m
DOMINANT SPECIES	Briza minor Vulpia myuros	Cotula bipinn Hypochaeris glabr			

4. VEGETATION CONDITION

Comments

severely weed invaded

HY08

LAKE GULSON 03

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESCENCE

SITE No GULS 01

Date 25-9-1997

7-9-1999

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

Record on Sheet

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

TREES

No FI ID

SHRUBS (cont.)

No FI ID

HERBS (cont.)

No FI ID

MALLEES

GRASSES

SHRUBS

HERBS

SEDGES

Melaleuca lateriflora - /
 " *viridiflora* - /
Cassia Comespina integ - /
Eremophilla decipiens -

Briza minor - /
Vulpia minor myuros - /
Ara caryophyll - /
Lolium multif rigidum - /
Stipa elegantiss - /
Bromus hordeaceus - /
 " *microstachys* -

M. adenostyla -

Cotula bipinn - /
Ursinia anth - /
Sonch olerac - /
Arctotheca calend - /
Plantago coronop - /
Trifolium tomentos - /
Sebea ovata - /
Centrolep polygyna - /
Crassula peduncul - /
Schoenus humit - /
Drosera glandulig - /
Hydrocotyle - /
Erigeron - /
Portulaca debilis - /

Crassula colorata - /
Trifol arvense - /
Brachyrome - /

7/9/99

Hydrocotyle glabra - /
Hydrocotyle glabra - /
Hydrocotyle glabra - /
Hydrocotyle glabra - /
Hydrocotyle glabra - /

humilis (USP) -*calendula calendula* -

HY09

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil onlyBUSHLAND AREA FOX SITE NUMBER 01DATE TRIP 26 - 9 - 1997 RECORDERS N/M/G/S

DATE TRIP _____ RECORDERS _____

DATE TRIP _____ RECORDERS _____

1. LOCATION of the QUADRAT

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

Road Location

Geographic Location Latitude 32 54 38.4 S Longitude 119 29 01.8 E Altitude
 GPS Accuracy 4.3
 Map Sheet PEDERAH 1:100,000

Photograph Name ML Number 35

Topographic Position (Circle the correct response)

<u>Upland</u>	Lower slope
Upper slope	Valley
Midslope	Washline

2. SITE DATA Circle the correct response

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

Surface Soil sand Depth to Rock _____ Colour yellow

Exposed Rock type _____ % surface cover NONE size range _____

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

Bare Ground % surface cover) 30-70

under shrubs

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 (%)	2-10			10-30	2
DOMINANT SPECIES	<i>Callitris preissii</i> <i>Allocas. acutiv</i>			<i>Mel. cordata</i> <i>Hakea recta</i>	<i>Psammom</i> <i>Hibbertia</i>

GRASSES		HERBS	SEDGES	over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	< 2	2-10			2-10-30
DOMINANT SPECIES		<i>Burys constricta</i>			<i>Lepidosp</i> <i>Schoenus</i> <i>Mesomel. preiss</i> <i>Lepidosp</i>

4. VEGETATION CONDITION

Comments

excellent

HY10

Lily McCarthy RK

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA LILY **SITE NUMBER** 01

DATE TRIP 26 - 9 - 1997 **RECORDERS** R/M/G/S

DATE TRIP _____ **RECORDERS** _____

DATE TRIP _____ **RECORDERS** _____

1. LOCATION of the QUADRAT

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

Road Location Lily McCarthy Rd, Lake Varley NR

Geographic Location **Latitude** 32 41 24.8 S **Longitude** 119 20 33.5 E **Altitude** _____
GPS **Accuracy** 2.5
Map Sheet PEDERAH 1:100,000

Photograph **Name** ML **Number** _____

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

2. SITE DATA Circle the correct response

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

Surface Soil loam **Depth to Rock** 30cm **Colour** brown

Exposed Rock type granite % surface cover NONE size range _____

Litter stem/ls fresh % surface cover >90 **Depth (cm)** 2 - 10

Bare Ground % surface cover) NONE

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 (%)			>70			
DOMINANT SPECIES			<i>Allocas. hueg</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>Caloth. quad</i> <i>Billardiera</i>				
		GRASSES		HERBS	SEDGES	over 0.5m
						under 0.5m
LIFE FORM						
COVER CLASS (%)		<2		<2		<2
DOMINANT SPECIES				<i>Stypandra</i>		

4. VEGETATION CONDITION

Comments

excellent

HY10

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 6124 01
 Date 26-9-1997
2-9-1999

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
<i>Allocasuarina huegeliana</i>	/	-						<i>Drosera macrantha</i> -	/		
								<i>Red lvd herb = Lobelia</i> -	/		
								<i>Wahlenbergia preiss</i> -	/		
								<i>Caladenia rufi</i> -	/		
								<i>Diuris ? recurva</i> -	/		
								<i>Drosera ? bulbosa</i> -	/		
MALLEES											
				GRASSES							
				<i>Stipa triophylla</i> -							
SHRUBS											
<i>Grevillea ? pet/magnifica</i>	/	-		<i>subsh remota</i> (USP) -							
<i>Calothamn quadrif</i>	/	-						SEDGES			
<i>Billardiera</i>	/	-		<i>lehmanniana</i> -							
<i>Leptospermum ? sub</i>	/	-		<i>fastigiatum</i> -				<i>7/9/99</i>			
<i>Olearia axillaris eremic</i>	/	-						<i>Pterostylis rufra</i> -			
<i>Acacia trigonophylla</i>	/	-		HERBS				<i>Caladenia ? sclerota</i> -			
<i>Alyxia buxifolia</i>	/	-		<i>Eriochilus dilatatus</i> -	/			<i>Pterostylis recurva</i> -			
<i>Dodon</i>	/	-		<i>Stypandra glauca</i> -	/			<i>Pterostylis long nasa</i> -			
				<i>Nicotiana glauca</i> -	/			<i>Strophosiphon ?</i>			
				<i>Hypochaeris glabra</i> -	/			<i>Arthropodium ?</i>			
				<i>Ursinia ? anthem</i> -	/			<i>Caladenia ?</i>			
				<i>Drakonorchis barbarosa</i> -	/						
				<i>Phyllangium paradox</i> -	/						
				<i>Sonchus oleraceus</i> -	/						
				<i>Trachymene pilosa</i> -	/						
				<i>Pterostylis recurva</i> -	/						
				<i>Thysanotus patersonii</i> -	/						
				<i>Pterostylis vittata</i> -	/						
				<i>Podolobium angust</i> -	/						

Lake Hurlstone NR

HY11

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA HURL SITE NUMBER 01

DATE TRIP _____ RECORDERS N/M/G/S

DATE TRIP _____ RECORDERS _____

DATE TRIP _____ RECORDERS _____

1. LOCATION of the QUADRAT

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

Road Location

Geographic Location Latitude 32 38 24.9 S Longitude 119 22 26.2 E Altitude _____
GPS Accuracy 1.7
Map Sheet PEDERAH 1: 100,000

Photograph Name ML Number I

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

Exposed Rock type _____ % surface cover NONE size range _____

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

Bare Ground _____ % surface cover 30-70

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

3. VEGETATION STRUCTURE AND COVER

[illegible]

Cover Class		2-10%	10-30%	30-60%	60-90%	90-100%
TREES						
over 15m		5-15m	under 5m	MALLEES 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 (%)	(dead) 10-30				Disphyma 2m	
DOMINANT SPECIES	now 2-10 Melaleuca				1m 10-30 Halosarcia indica Atriplex vesic Frankenia	
GRASSES		HERBS		SEDGES over 0.5m		under 0.5m
LIFE FORM						
COVER CLASS (%)	2-10	10-30				
DOMINANT SPECIES	Stipa Eragrostis	Cotula australis Centropetris Souches Brachycome				

4. VEGETATION CONDITION

Comments

salt affected

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

7-9-1999

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
								Cotula bipinn - /			
								Siloxerus bismar -			
								Gnephosis (eat) multiflora (USP)			
								Centrolepis polygyna -			
								Spergulla rubra -			
MALLEES								Hypochaeris glab - /			
								Triglochin mucron / -			
				GRASSES				Spergullia salica -			
				Eragrostis fragracilis dielsii -				Hydrocotyle callicarpa -			
				Stipa pachystachya (USP)				Cotula obtusoides # -			
				Poralphoria incurva - /							
SHRUBS				Aira coryophyll -				SEDGES			
Melaleuca halimifera - /				Vulpia myuros - /							
Halosarcia indica bidens (USP)				Stipa sp 2 26/9 -							
Disphyma clavell - /											
Frankenia pauciflora -				Limonium di -							
Atriplex hirsuta hymenotheca (USP)								7/9/99			
Didymanthus roei - /				HERBS				Stemofolium petiolatum Salicella -			
Atriplex? hymenotheca (USP)				Cotula australis - /				Granula robusta orseta -			
				Stylidium zinschitum - (USP)				Gnaphalium curassavicum multiflora (USP)			
				Brachycome ibervillei - /				Isotria (red top) alata -			
				Triglochin minut -				Lageckia claudiana -			
				Senecio glossanth - /				Erigeron foveolatus -			
				Gonchus Coleraceus - /							
				Buddle Gnephosis = Hydrangea glabra fr -							
				Prasophyllum macrostachya -							
				Gnephosis tridens - (USP)							
				Centrolepis humillim - /				rad buds			
				Crassula exserta -							
				Podolepis capillaris - /							
				Calandrinia granulif -							

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

HY12

BUSHLAND AREA HURL SITE NUMBER 02

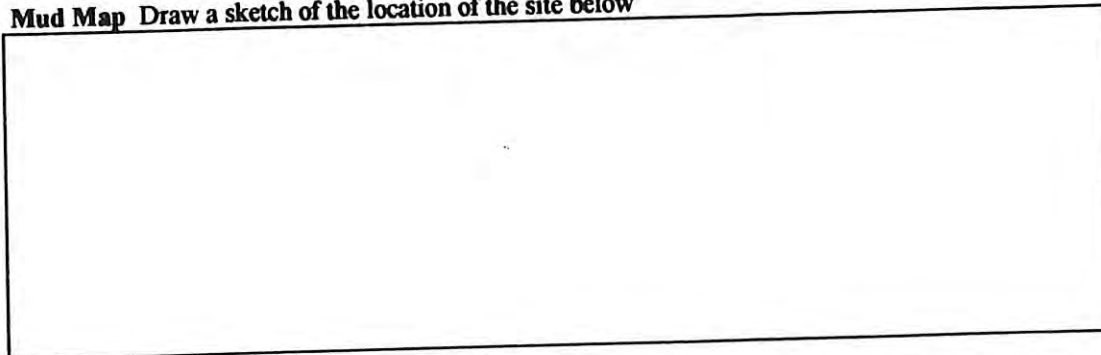
DATE TRIP 26 - 9 - 1997 RECORDERS N/M/G/S

DATE TRIP _____ RECORDERS _____

DATE TRIP _____ RECORDERS _____

1. LOCATION of the QUADRAT

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



Road Location Holland Track, Lake Hurstons NR

Geographic Location Latitude 32 32 27.5 S Longitude 119 22 57.9 E Altitude GPS
Accuracy 6.4
Map Sheet PEDERAH 1:100,000

Photograph Name ML Number 2

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

2. SITE DATA Circle the correct response

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

Surface Soil loam - powdery Depth to Rock ? Colour red-brown

Exposed Rock type _____ % surface cover NONE size range _____

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

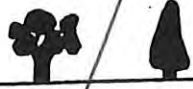
Bare Ground _____ % surface cover 30-70

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

3. VEGETATION STRUCTURE AND COVER

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

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

TREES				MALLEES	
	over 15m	5-15m	under 5m	over 8m	under 8m
LIFE FORM					
COVER CLASS (%)	10-20				
DOMINANT SPECIES	Euc.				

SHRUBS				SHRUBS	
	over 2m	2m - 1.5m	1.5 - 1m	1-0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)				10-30	
DOMINANT SPECIES				At. vesic	

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

4. VEGETATION CONDITION

Comments

excellent

built ca 50 yrs b/f

Lake Hurstone NR

$$20 \times 20$$

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

Record on Sheet

- Column 1 plant name
- Column 2 plant number

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

same

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
Eucalyptus viminalis (basal stocking, olive bae top)				(VSP) -							
MALLEES											
				GRASSES							
				Stipa elegantissima							
				" trichophylla Drummondii (VSP) -							
SHRUBS				Danthonia -							
Atriplex vesicaria - /											
Sclerolaena diacantha - /								SEDGES			
Eremophila deciprens - /											
								7/9/99			
				HERBS				Hypochaeris glabra -			
				Eremophyllum ramosum - /				Poa sp. perfoliata -			
				Atriplex athrioides - /				Lepidium sp. rotundum -			
				Senecio gloss - /							

Di

HY13

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil onlyBUSHLAND AREA DIRU SITE NUMBER 01DATE TRIP 26-9-1997 RECORDERS N/M/G/S

DATE TRIP _____ RECORDERS _____

DATE TRIP _____ RECORDERS _____

1. LOCATION of the QUADRAT

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

salt affected

Road Location DIRUSSO RD

Geographic Location Latitude 32 36 46.1 S Longitude 119 06 25.9 E Altitude
 GPS Accuracy 2.9
 Map Sheet PEDERAH 1:100,000

Photograph Name ML Number 3

Topographic Position (Circle the correct response)

Upland	<u>Lower slope</u>
Upper slope	Valley
Midslope	Washline

2. SITE DATA Circle the correct responseSlope flat gentle steep Aspect N NE E SE S SW W NWSurface Soil sandy clay Depth to Rock _____ Colour greyExposed Rock type _____ % surface cover NONE size range _____Litter logs leaves % surface cover 10-30 Depth (cm) 2-70cmBare Ground % surface cover) 30-70

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 (%)	2-10				
DOMINANT SPECIES	<i>Euc. salmon</i> (largely dead)				
	SHRUBS				
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM	 				
COVER CLASS (%)	(v. clumped) 2-10				10-30
DOMINANT SPECIES	<i>Mel. lateriflora</i> <i>Ac. hemiteles</i> <i>Mel. uncin</i>				<i>Scapv. spin</i> <i>Olearia muell</i>
	GRASSES		HERBS	SEDGES	
				over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	2-10		2-10		10-30
DOMINANT SPECIES	<i>Stipa</i>		<i>Lom. effusa</i>		<i>Gahnia</i>

4. VEGETATION CONDITION

Comments

- Most tall salmon gums dead
Some young ones
weed invasion from road, creek

Hx13

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 DIRU 01

Record on Sheet

Date 26-9-1997

6-9-1995

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

Euc. salubris -

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
Euc. salmonoph -	/							✓ Hyalospermum demiss -	/		
								✓ Podolepis kepperi -	/		
								✓ Podothecha angust -	/		
								Senecio glossanth -	/		
								Trachymene pilosa -	/		
MALLEES								✓ Red lily bell = Lobelia -	/		
								✓ Thelymitra paniflora -	/		
				GRASSES				✓ Crassula pedunculata -	/		
				Stipa tenuifolia (VSP)	/			✓ Rhodanthe laevis -	/		
				" elegantiss -	/			Caladenia	/		
				" pycnostachya (VSP)	/			✓ Podoleuca capillaris -	/		
SHRUBS				Danthonia	/			SEDGES			
Mel. lateriflora -	/			Vulpia myuros -	/			✓ Gahnia linearis -	/		
Mel. uncinata -	/			✓ Pentstemonis airo -	/			✓ Gahnia linearis (VSP)	/		
✓ Acacia hemiteles -	/			Aira	/			6/9/95			
✓ Dodonaea viscosa ang -	/			✓ Bromus madritensis -	/			Podoleuca sp	/		
✓ Scaevola spinesc -	/			✓ Schismus Avellinae muelleri -	/			✓ Calandrinia (white) 2 dundee	/		
✓ Acacia terinac -	/			HERBS				✓ Adiantum vermic -	/		
✓ Templetonia sulcata -	/			Lomandra effusa -	/			✓ Rhodanthe pygmaea -	/		
✓ Oledria muelleri -	/			Ursinia anth -	/						
✓ Olearia axill var serice -	/			Podolepis	/						
				Thysanot parson -	/						
				✓ Hypochaeris glabra -	/						
				✓ Crassula colorata -	/						
				✓ Actinobole ulia -	/						
				✓ Millotia tenuifolia sub tenuifolia -	/						
				✓ Calandrinia (pink) -	/						
				✓ Sonchus olerac -	/						
				✓ Arctotheca calendula -	/						
				✓ Calotis hispidula -	/						
				✓ Brachycome pilosella -	/						

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA Allen SITE NUMBER 01

HY14

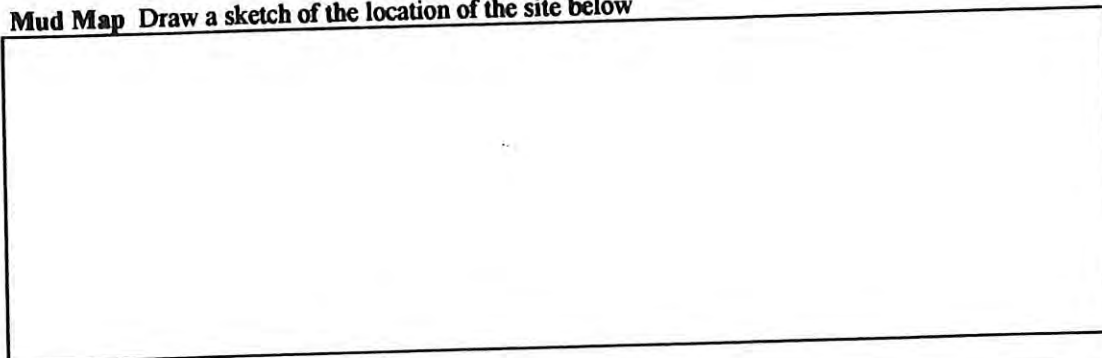
DATE TRIP 26-9-1997 RECORDERS N/M/G/S

DATE TRIP _____ RECORDERS _____

DATE TRIP _____ RECORDERS _____

1. LOCATION of the QUADRAT

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



Road Location Allen Rocks Rd

Geographic Location Latitude 32 33 26.0 S Longitude 119 04 04.7 E Altitude 694159
GPS Accuracy 2.3
Map Sheet Adl Pedraiah 1:100,000

AMG
694159
6395899

Photograph Name ML Number 4

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

2. SITE DATA Circle the correct response

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

Surface Soil sandy clay Depth to Rock ? Colour Yellow

Exposed Rock type larkite % surface cover NONE size range _____

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

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 (%)					
DOMINANT SPECIES					
					30m
					10m

	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>Melaleuca tuberculata</i> <i>Grevillea undulata</i> sp. acer <i>Calytrix brevifolia</i> sp. stipul
					2m
					1m

	GRASSES	HERBS	SEDGES	over 0.5m	under 0.5m
LIFE FORM	 	  	  		  
COVER CLASS (%)	2-10	10-30			
DOMINANT SPECIES	<i>Neurachalpec</i>	<i>Borja constricta</i> <i>Chaem. fimb</i>			<i>Lepidobol chaetac</i> <i>Lepidosperma</i> sp. Pl
					1m

4. VEGETATION CONDITION

Comments

excellent

20×20

5. SPECIES PRESCENCE

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

SITE No Allen 01

Record on Sheet

Date 26-9-1997

- Column 1 plant name

- Column 2 plant number

• Column 3 flowering time- TICK if species flowering

• **Column 4** **identification** **check**

Game

1 off cognate loss =

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
/				Baccharis premissana -				Dieris (twirl lvs) -			
/								Caladenia hirta ssp. rosea -			
/								Tricoryne tenella -			
/								Dieris recurva (parryi foli)			
/								Podothea gnaph.			
MALLEES											
				GRASSES							
				Aeluropus alopec.	/						
				Ampelipogon turbin.	/						
				" debilis -							
SHRUBS											
Alloraspis campestris /	-										
Grevillea umbellata ssp. pauciflora -				(USP)				SEDGES			
Calyptrix brevipes ssp. stylodonta -	(USP)							Lepidobolus chaetax -	/		
Allocasuarina microstachya -	(USP)							Lepidosperma sp. Pl. sandstone	/		
Cryptandra leucopogon -	/							Schoenus vil. aff. brevis -	schis (USP)		
Dalmanera lasiocarpa -	/							Lepidosperma (fl. red)	? (USP)		
Opeckularia rubra -	/			HERBS				Schoenus = subflavus -	/		
Leucopogon dielsianus -				Stylidium / brevicaule -	(USP)			Lepidosperma resinosa -	(USP)		
Melaleuca tuberculata -	/			Borreria constricta -	/			drum.			
Cassytha pumila -				Chaemose spiralis -							
Jacksonia eximius carolinensis -				Stylidium / dioides -	(USP)			6/9/99			
Verticordia ? roei -	/			Conostylis argentea -							
Baccharis crispiflora -	/			Elythranthra brunonis -				Conospermum villosum -			
Verticordia (yellow) chrysanthella -	/			Drosera glandul.				Ficus doli. dilatatus -			
(USP) Mirbella multifloris -	/			Chaemox fimbriata -	/			Santalum speciosum -	white flw shrub!		
Acacia multispicata trichocarpa -	/			Drosera (pyg) ambrosacea -	/			Colsonia speciosa dimidiata -			
Beyeria -	/			Waitzia acuta -				All. Drosera (hand written) = Drosera			
Psammom -	/			Thysanotus patersonii -				Santalum speciosum			
Halaecia premissana -	/			Drosera (USP) -	(USP)			tall herb in bud			
Peltophloeos semipalmata -	/			Cyanicula -	/						

Dodonaea pinifolia - 26/9.

- *Bergia sphaerocephala* ²⁰ *depressa*

Cryptodea styrioides 6/9
myricantha

HY15

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA DRA G SITE NUMBER Ø6DATE TRIP 29-9-1997 RECORDERS N/M/G/S

DATE TRIP _____ RECORDERS _____

DATE TRIP _____ RECORDERS _____

1. LOCATION of the QUADRAT

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

Road Location

HOLLAND TRACK

Geographic Location

Latitude 32 46 46.8 S Longitude 119 04 33.1 E Altitude
GPS Accuracy 2.5
Map Sheet PEDERAH 1: 100,000AMG
694417
6371219

Photograph

Name

ML

Number

6

Topographic Position

(Circle the correct response)

Upland

Upper slope

Midslope

Lower slope

Valley

Washline

granite b/way

2. SITE DATA Circle the correct response

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

Surface Soil

clayDepth to Rock 0-10Colour white

Exposed Rock

type granite

% surface cover

20-30

size range

boulders

Litter

lvs, bark, twigs

% surface cover

30-70

Depth (cm)

Bare Ground

% surface cover)

30Adapted from 'Bushland Plant Survey' written by B. Keighery (1994) and published by Wildflower Society of WA (Inc). PO Box 64
Nedlands WA 6008

3. VEGETATION STRUCTURE AND COVER

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

4. VEGETATION CONDITION

Comments

excellent

20x20

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

SITE No DRAG 06

Date 26 - 9 - 1997

6-9-1995

Record on Sheet

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

Euc. eumophila

Euc. ~~transcont~~ Glocktör

[illegible]

HY16

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

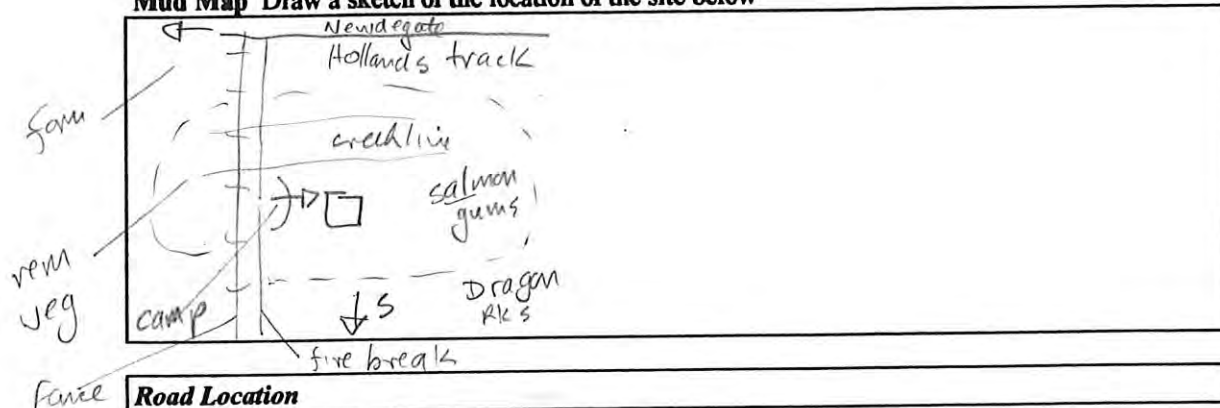
BUSHLAND AREA DRAG SITE NUMBER 07DATE TRIP 27-9-1997 RECORDERS AMG/M/G/S

DATE TRIP _____ RECORDERS _____

DATE TRIP _____ RECORDERS _____

1. LOCATION of the QUADRAT

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



Road Location

Geographic Location Latitude 32 49 18.2 S Longitude 119 03 57.8 E Altitude 693408
GPS Accuracy 2.4
Map Sheet PEDERAH 1:100,000

Photograph Name ML 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 clay-loam **Depth to Rock** _____ **Colour** grey

Exposed Rock type _____ % surface cover NONE size range _____

Litter log, bk, leaves % surface cover 30-50 Depth (cm) _____

Bare Ground % surface cover 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. Salmono</i>				

SHRUBS				SHRUBS	
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	< 2 acum			2	2-10
DOMINANT SPECIES	<i>Mel. laevis</i> <i>Sant. acum</i>			<i>Templ. sulc</i>	<i>Acacia erinac</i> <i>Oleonia muelleri</i> <i>Rhag. drumm</i>

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

4. VEGETATION CONDITION

Comments excellent

20x20

6-9-1999

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

Euc. longicornis -

[illegible]

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA DRA G SITE NUMBER Ø 8

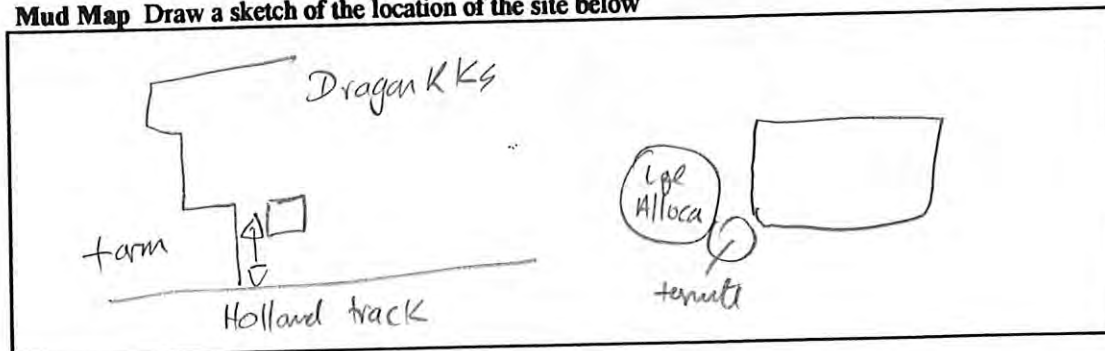
DATE TRIP 27 - 9 - 1997 RECORDERS N/M/G/S

DATE TRIP _____ RECORDERS _____

DATE TRIP _____ RECORDERS _____

1. LOCATION of the QUADRAT

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



Road Location

Geographic Location Latitude 32 49 28.4 S Longitude 119 02 36.8 E Altitude
GPS Accuracy 7.0
Map Sheet PEBERAH 1: 100,000

AMG
691295
6366300

Photograph Name ML Number 8

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

Exposed Rock type _____ % surface cover NONE size range _____

Litter twigs % surface cover 2-10 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.

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				30-70
DOMINANT SPECIES	Mel. uncinata Allocas. camp				Personia Vertic. roei Petroph. semin

GRASSES		HERBS	SEDGES	SEDGES	
				over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	42	10-30			10-30
DOMINANT SPECIES	Neurachne alo	Barya constricta			Mesomelaena fr Schoenus -

4. VEGETATION CONDITION

Comments

excellent

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

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

Record on Sheet

- Column 1 plant name

- Column 2 plant number

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

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

chromosome
and to
basal
nuclei
~ pet.

- DWARF BIR

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

HY 18

BUSHLAND AREA DRAG SITE NUMBER 09

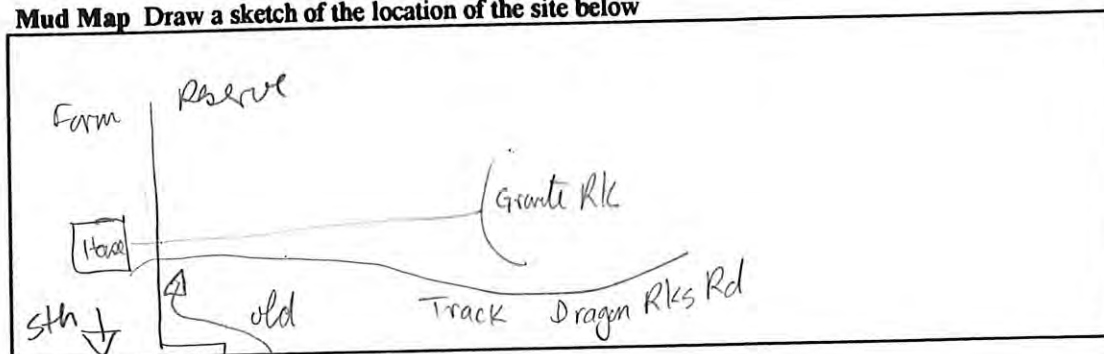
DATE TRIP 27-9-1997 RECORDERS N/M/G/S

DATE TRIP _____ RECORDERS _____

DATE TRIP _____ RECORDERS _____

1. LOCATION of the QUADRAT

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



Road Location Dragon Rocks Rd
Holland Track

Geographic Location Latitude 32 49 19 S Longitude 119 02 01 E Altitude
GPS Accuracy
Map Sheet PEDERAH 1:100,000

AMG
690369
6366608

Photograph Name ML Number 9

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

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**

Exposed Rock type granite % surface cover size range

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

Bare Ground % surface cover 0-2 (annuals -)

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	2-10	
DOMINANT SPECIES			<i>Allocas. huegel</i>	<i>Euc. loxophleb</i>	

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

GRASSES		HERBS		SEDGES	
				over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	10-30	30-70			10-30
DOMINANT SPECIES	<i>Aira</i> <i>Neurachne</i>	<i>Lom. glauc</i> mixed			<i>Lepidosperma</i> <i>Lepidobolus</i>

4. VEGETATION CONDITION

Comments

excellent

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESCENCE

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

SITE No DRAG 09

Record on Sheet

Date 27 - 9 - '1997

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

Santalum acum ✓

7-9-1999

[illegible]

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA DRAG SITE NUMBER 10

DATE TRIP 27-9-1997 RECORDERS N/M/G/S

DATE TRIP _____ RECORDERS _____

DATE TRIP _____ RECORDERS _____

1. LOCATION of the QUADRAT

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

Road Location central Firebreak Dragon Rks

Geographic Location Latitude 32 43 49.9 S Longitude 119 00 12.3 E Altitude
GPS Accuracy ±300m
Map Sheet PEDERAH 1:100,000

AMG
687734
6376798

Photograph Name ML Number 10

Topographic Position (Circle the correct response)
Upland _____ Lower slope _____
Upper slope below blowaway
Midslope _____ Valley _____
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 _____

Exposed Rock type lakrite % surface cover Nil size range _____

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

Bare Ground % surface cover 30-70

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.

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			10-30
DOMINANT SPECIES		<i>Euc. gardneri</i>			<i>Euc. gemmoph</i>
SHRUBS				SHRUBS	
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)			30-70		
DOMINANT SPECIES			<i>Melaleuca, coronica</i>		
			<i>Daviesia</i>		
			<i>Gastol. parvif</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 DRAG 10

Record on Sheet

Date 27-9-1997

G - 9 - 1999

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

~~Euc. astringens~~

TREES				No	FI	ID	SHRUBS (cont.)				No	FI	ID	HERBS (cont.)				No	FI	ID
<i>Euc. gardneri</i>	<i>sp. gardneri</i>	/	-																	
MALLEES							GRASSES													
<i>Euc. cremophila</i>	=	/					<i>Danthonia ? setacea</i>	=	/											
SHRUBS														SEDGES						
<i>Melaleuca hypoleuca</i>	=	/	(v)											<i>Epidosperma viscidum</i>	/					
"	<i>uncinata</i>	=	/											<i>sp A2 flat Island</i>						
<i>Cassytha melanantha</i>	=	/																		
<i>Gastrolobium paviiflor</i>	=	/																		
<i>Daviesia acanthothenthermi</i>	<i>sp. acanthodado</i>	/																		
<i>Dodonaea bursariifolia</i>	=	/																		
<i>Melaleuca ? radula</i>	<i>spicigera</i>	=	/				HERBS													
<i>Melaleuca undulata</i>	=	/					<i>Pterostylis</i>				=	/								
	<i>coraciopa</i>	=	/																	
<i>Melaleuca laevis</i>	<i>27/9</i>	=	/											<i>6/9/94</i>						
														<i>Lymniscus deflexus</i>						
														<i>caerulea ssp. aperta</i>						

LAKE GULSON NR

HY20

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA GULS SITE NUMBER 02DATE TRIP 25-9-1997 RECORDERS N/M/G/S

DATE TRIP _____ RECORDERS _____

DATE TRIP _____ RECORDERS _____

1. LOCATION of the QUADRAT

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

30 M ESE GULS 01

Road Location

Geographic Location Latitude 32 47 00.8 S Longitude 119 22 20.6 E Altitude
 GPS Accuracy 4.0
 Map Sheet Pedarah 1:100,000

AMG
 722185
 6370204

Photograph Name ML Number 34

Topographic Position

Upland
 Upper slope
 Midslope

(Circle the correct response)

Lower slope
 Valley
 Washline

sandy rise by
 salt lake

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 % surface cover 10-30 Depth (cm) 2-20

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. 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>Mel. acuminata</i> <i>Mel. ? vimin</i>				

GRASSES		HERBS		SEDGES	
				over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	< 2	10-30			
DOMINANT SPECIES	<i>Vulpia my</i>	<i>Brachycome</i> <i>Waltz ia</i> <i>Levenhookia</i>			

4. VEGETATION CONDITION

Comments

very good

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 GULS RD 2

Record on Sheet

Date 25-9-1997

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

same

[illegible]

✓ *Crassula exserta*

Polymedra sp. sterile - // Caladaria dentata
Arctostaphylos californica -
Sm. Bryophytes -

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

HY 21

BUSHLAND AREA GULS SITE NUMBER 04
 DATE TRIP 27-9-1997 RECORDERS N/M/G/S
 DATE TRIP _____ RECORDERS _____
 DATE TRIP _____ RECORDERS _____

1. LOCATION of the QUADRAT

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

Road Location Holt Rock Rd Sth

Geographic Location Latitude 32 49 03 S Longitude 119 24 04 E Altitude _____
 GPS Accuracy _____
 Map Sheet PEPERAH 1: 100,000

AMG
 724791
 6366378

Photograph Name ML Number 11

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 clay-loam Depth to Rock _____ Colour brown

Exposed Rock type _____ % surface cover none size range _____

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

Bare Ground _____ % surface cover < 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.

	TREES			MALLEES	
	over 15m	5-15 m	under 5 m	over 8m	under 8m
LIFE FORM					 30m 10m
COVER CLASS (%)		36 - 70			
DOMINANT SPECIES		Euc. salubris Euc.			

	SHRUBS				SHRUBS
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM		Dodonaea			 2m 1m
COVER CLASS (%)	10 -	10 - 30			< 2
DOMINANT SPECIES		Melal. ? Mel. adnata Exocarp. aphyll			Olearia muelleri (not in site)

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

4. VEGETATION CONDITION

Comments

Comments Burnt ca 50 yrs before
All "young" Gimlet, old tall dead trees
Young have flowered

HY22

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

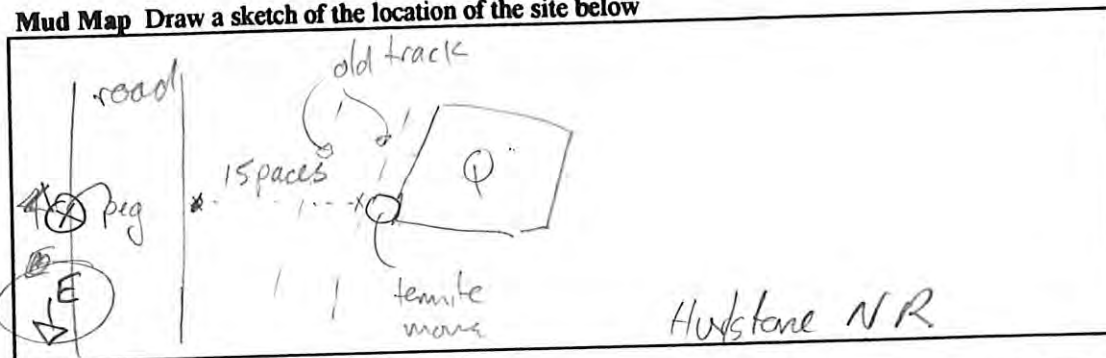
BUSHLAND AREA HURL SITE NUMBER 03DATE TRIP 27-9-1997 RECORDERS N/M/G/S

DATE TRIP _____ RECORDERS _____

DATE TRIP _____ RECORDERS _____

1. LOCATION of the QUADRAT

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

Road Location top W side Hurstone N.R., Duck Rock Rd, West of main rd.

Geographic Location Latitude 32 36 28 S Longitude 119 20 50 E Altitude _____
 GPS Accuracy _____
 Map Sheet PEDERAH 1:100,000

Photograph Name ML Number 14

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

2. SITE DATA Circle the correct response

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

Surface Soil sandy clay Depth to Rock _____ Colour yellow-brown

Exposed Rock type laterite % surface cover 10-30 size range pebbles, 2-20 cm

standing stems 1/5
 Litter stems, twigs % surface cover 10-30 Depth (cm) 2 cm

Bare Ground % surface cover 10-30-50

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

Wong
 W
 7/9/99

ANG

720260

6389749

Burnt ca
 20 yrs ago

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

3. VEGETATION STRUCTURE AND COVER

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

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

TREES			MALLEES		
	over 15m	5-15m	under 5m	over 8m	under 8m
LIFE FORM					
COVER CLASS (%)					
DOMINANT SPECIES					
SHRUBS			SHRUBS		
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	10-30				10-30
DOMINANT SPECIES	Allocas. acutiv Acacia				m yed
GRASSES		HERBS	SEDGES	SEDGES	
			over 0.5m	under 0.5m	
LIFE FORM					
COVER CLASS (%)	<2	<2		<2	
DOMINANT SPECIES					

4. VEGETATION CONDITION

Comments

v. good - excellent

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESCENCE

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

SITE No HURL 03

Record on Sheet

Date 27-9-1997

7-9-1999

- 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
				~~Grevillea exelsior~~							
				~~Microcybe phellodermis~~							
				~~Leucopogon cuneatus~~				~~halophila condylosa~~			
				~~Melaleuca (yellow)~~				blue			
				~~Comesperma ciliatum~~							
MALLEES											
				GRASSES							
				~~Neesochne alopecurus~~							
SHRUBS											
~~Allocas acutival~~				~~off cottonine~~				SEDGES			
~~Hibbertia purgenss~~				~~breviseta ssp stipulosa~~				~~Lepidosperma ? squamellum~~			
~~Hakea scoparia~~								robiosum			
~~Calytrix (purple)~~				~~shuttleworthiana ssp obovata~~							
~~Grevillea integrifolia~~											
~~Acacia ? acuminata~~				HERBS							
~~Thryptomena~~				~~Microgynis obovata~~							
~~Isopogon scaberrimus~~				~~Drosera marshallii (white)~~				~~Scleranthus nanus~~			
~~Blechnum ssp sticta~~				~~Stylidium brevicaule~~				~~nodatile leaves~~			
~~Hakea meisneriana~~				~~" nundarichse~~				~~Drosera glandulosa~~			
~~Baeckea~~				~~" (yellow) complanata~~				~~Acacia ? collata~~			
~~Pimelea brevifolia ssp brevifolia~~				~~Prasophyllum macrostachyum~~				~~Pumila~~			
~~ya~~				~~Stylidium~~				~~Prasophyllum microphyllum~~			
~~Drummondia hassellii~~				~~Stylidium~~				~~Prasophyllum ? harfordii~~			
~~Phebalium tuberculatum~~				~~Stylidium squamellum~~				~~Platycodon paniculatus~~			
~~Verticordia (yellow)~~				~~platycodon~~				~~Pterostylis aff barbeta~~			
~~Cassytha~~								(wheatbait form)			
~~Melaleuca ? cordata~~											
~~Callitris verticosa~~											
~~Cryptandra granitica~~											
~~apetala~~											

in
sif
assess

SE Hyden Bin

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA H~~OD~~ SEHB SITE NUMBER 01

HY23

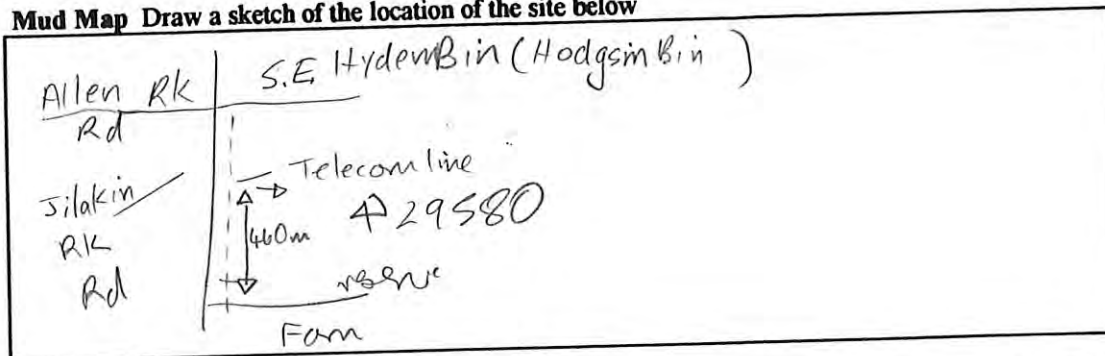
DATE TRIP 26-9-1997 RECORDERS N/M/G/S

DATE TRIP _____ RECORDERS _____

DATE TRIP _____ RECORDERS _____

1. LOCATION of the QUADRAT

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



Road Location Jilakin Rk Rd / 500 MWS. East Hyden Bin

Geographic Location Latitude 32°41'17.1 S Longitude 119°05'40.5 E Altitude 696372
GPS Accuracy 4.2
Map Sheet PEBERAH 1:100,000

AMG
696372
6381340

Photograph Name ML Number 6

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

2. SITE DATA Circle the correct response

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

Surface Soil clay Depth to Rock ? Colour white

Exposed Rock type _____ % surface cover NONE size range _____

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

Bare Ground _____ % surface cover 30-50

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

3. VEGETATION STRUCTURE AND COVER

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

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 (%)					10-20
DOMINANT SPECIES				all height	Euc. calycogena Euc. gremophila E. transcrit
	SHRUBS			SHRUBS	
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)				10-30	2
DOMINANT SPECIES				Mel. undul Exoc. aphyll Mel.	Acacia Microcybe
	GRASSES		HERBS	SEDGES	under 0.5m
LIFE FORM					
COVER CLASS (%)	<2		<2		<2
DOMINANT SPECIES					

4. VEGETATION CONDITION

Comments

very good - excellent, some old bulldozer spoil

5. SPECIES PRESCENCE

SITE No SEHB 01
Date 26-9-1997
6-9-1995

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	san

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

same

[illegible]

Lake Valley NR
BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA VARL SITE NUMBER 01

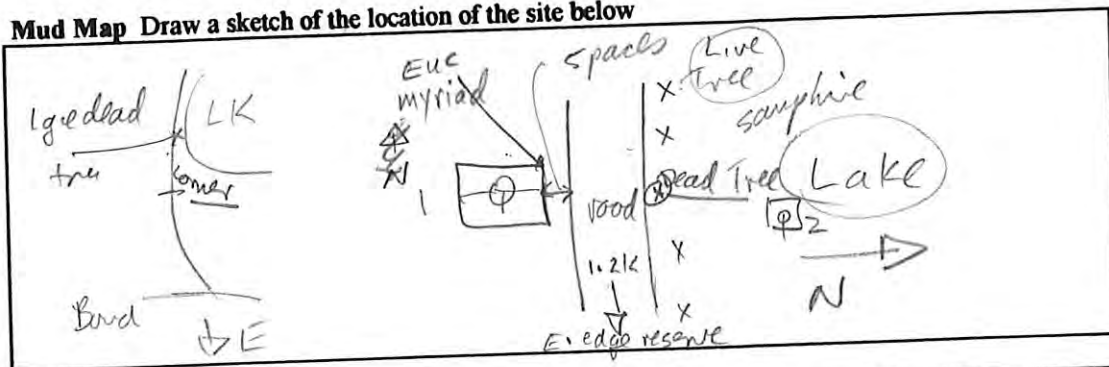
BUSHLAND AREA 5/11/97
DATE TRIP 27-9-1997 **RECORDERS** N/M/G/S

DATE TRIP _____ **RECORDERS** _____

DATE TRIP _____ **RECORDERS** _____

1. LOCATION of the QUADRAT

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



Road Location JILAKIN / FLAT RIK ROAD

Geographic Location	Latitude 32 42.08	S Longitude 119 22 09	E Altitude
	GPS 32 42 6.5	Accuracy 119 22 08	± 100 m
	Map Sheet PEDERAH	1:100,000	

Photograph	Name ML	Number 12
-------------------	----------------	------------------

Topographic Position
Upland
Upper slope
Midslope

Lower slope
Valley
Washline

(Circle the correct response)

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
--------------	------	---------------	--------

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

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

Bare Ground % surface cover) 0 — 100

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 (%)	10-30				
DOMINANT SPECIES	Euc. kond Euc. myrsin 10m				
SHRUBS			SHRUBS		
	over 2m	2m - 1.5m	1.5 - 1m	1-0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)	2-10			10-30	
DOMINANT SPECIES	Acacia Eremoph. deserti			Atriplex vesic Olebria muell Lycium aust	
GRASSES		HERBS		SEDGES	
	over 0.5m			under 0.5m	
LIFE FORM					
COVER CLASS (%)	<2	<2			
DOMINANT SPECIES	Stipa				

4. VEGETATION CONDITION

Comments excellent

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

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

a Column 1 plant name

Record on Sheet

Column 1 plant name

Column 2 plant number

• Column 2 plant number TICK if species flowering

- Column 3 **flowing**
- Column 4 **identification check**

HERBS (cont.)	No	FI	ID
---------------	----	----	----

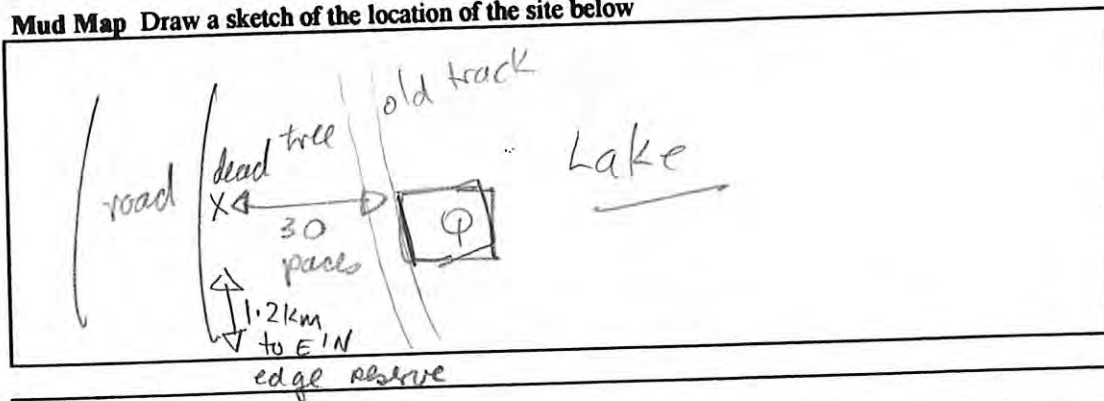
BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA VARL SITE NUMBER 02
 DATE TRIP 27-9-1997 RECORDERS N/M/G/S
 DATE TRIP _____ RECORDERS _____
 DATE TRIP _____ RECORDERS _____

HY25

1. LOCATION of the QUADRAT

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



Road Location

Geographic Location Latitude 32° 42' 8" S Longitude 119° 22' 9" E Altitude
 GPS Accuracy
 Map Sheet PEDERAH 1:100,000

Photograph Name ML Number 13

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

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

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

Amc off
 map
 722/800
 6379760

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

3. VEGETATION STRUCTURE AND COVER

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

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

TREES			MALLEES		
	over 15m	5-15m	under 5m	over 8m	under 8m
LIFE FORM			 		
COVER CLASS (%)					
DOMINANT SPECIES					
SHRUBS			SHRUBS		
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM	 				
COVER CLASS (%)					30-70
DOMINANT SPECIES					Halosarc halocn Atriplex vesic Diospyra clay
GRASSES		HERBS	SEDGES	over 0.5m	
LIFE FORM	 	  	  	 	
COVER CLASS (%)	2-10	30-70			
DOMINANT SPECIES	Bromus crenatus	mixed			

4. VEGETATION CONDITION

Comments

very good - excellent

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

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

Record on Sheet

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

7-9-1955

[illegible]

// Calandrinia polyandra 7/9/99 -

Area 8

≈ 24 km SE of Hyden

↑ 36128

Dragon Rocks Nature Reserve

Balkaling (B) Mallee / Broombush etc
(upper)

32° 37' 55.3" S

118° 59' 39.8" E

HDOP = 1.9

N
↑

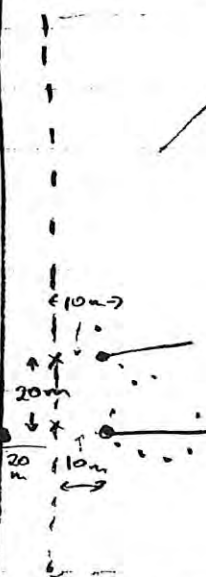
HY01

~~DRASBZ~~

Lanes Road

2.1 km
0.8

Buettner Rd



1.45 km

0.58 km

0.0 km



Lake Gulson NR

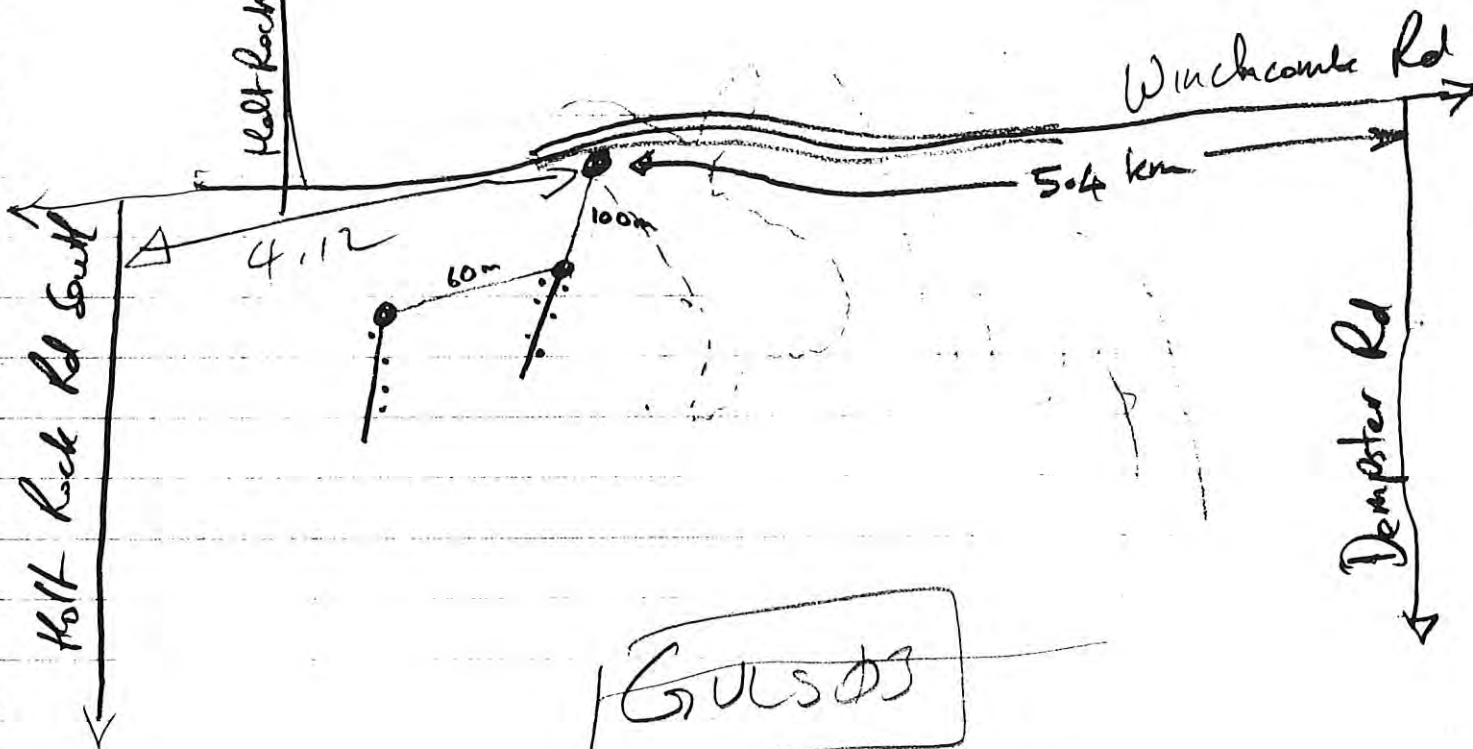
North side of Lake

S evaporite floor
Sample



$32^{\circ} 45' 57.3''$ S
 $119^{\circ} 24' 39.8''$ E

HDOP = 1.9



GULSON

HY02

A 36128 Dragon Rocks AR 24 km SE of Hyden

Balkaling B Salmon Gums/Melba
(Lower)

$32^{\circ} 38' 39.8'' S$
 $118^{\circ} 59' 11.2'' E$
HDOP = 2.0



Lanes Rd

~~DPAS 03~~

HY03

Brettner Rd

~~Mowitz Rd~~

← 0.7 km →

50m

25m



A36128

North End of
Dragon Rocks NR

28km SSE of Hyden

(1) ~~Oe~~ Dryandra/Banksia/Hakea/Isopogon/Grevillea
with emergent mallee

$32^{\circ} 41' 26.6'' S$
 $118^{\circ} 58' 29.5'' E$
HDOP = 2.1

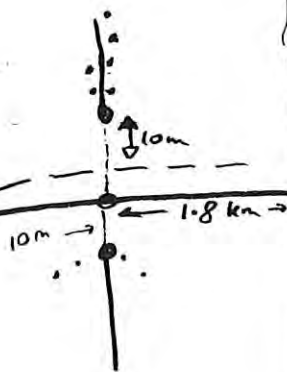


Mount 2 Rd

Buehlers Rd



Jalakim Flat Rocks Rd



(2) ~~Oe~~

~~Blue Mallee woodland~~

~~$32^{\circ} 41' 26.6'' S$~~
 ~~$118^{\circ} 58' 29.5'' E$~~
~~HDOP =~~

↑ 36128

Dragon Rocks NK

35 km SSE of Hyde

① Qe_2 "Blue" Mallet Wood

Brettins Road



Pingaring-Varley Road North

1.6 km

$32^{\circ} 45' 35.2'' S$
 $119^{\circ} 00' 07.4'' E$
HDOP = 2.1

~~DRAS04~~

HY05

1.2 km

10m

30m

②

Kauring Sandplain (lower edge - Creamy Greyed Sand over laterite at 70)
Mallee (emergents) / Proteaceae + Myrtaceae shrubland - Leptopodium + Grevillea

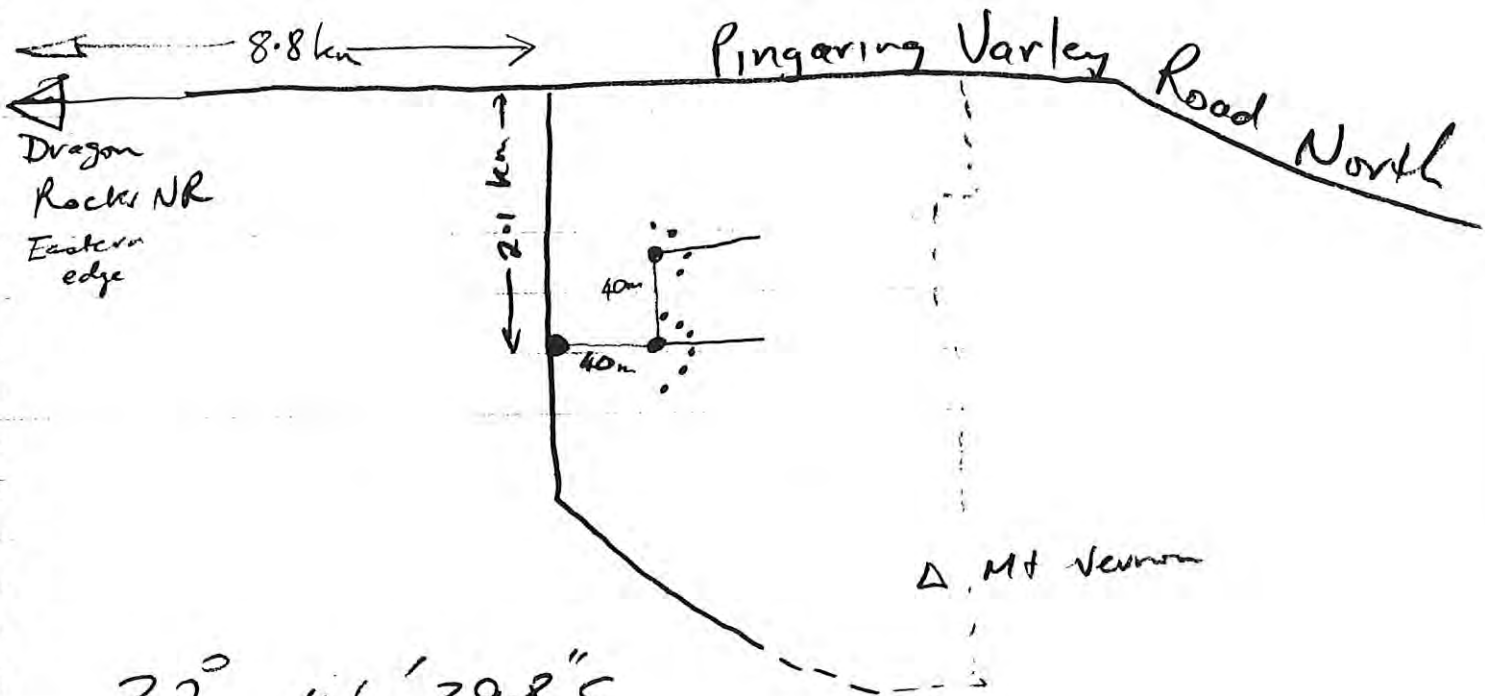
$32^{\circ} 46' 10.2'' S$
 $119^{\circ} 00' 31.7'' E$
HDOP = 2.0

~~DRAS05~~

HY06

Mount Vernon Nature Reserve 51 km ESE of Hyden

M Montkopen Sandplain
Mallee, Callitris, Grevillea etc



$32^{\circ} 46' 39.8'' S$
 $119^{\circ} 14' 01.0'' E$

HDOP = 1.8

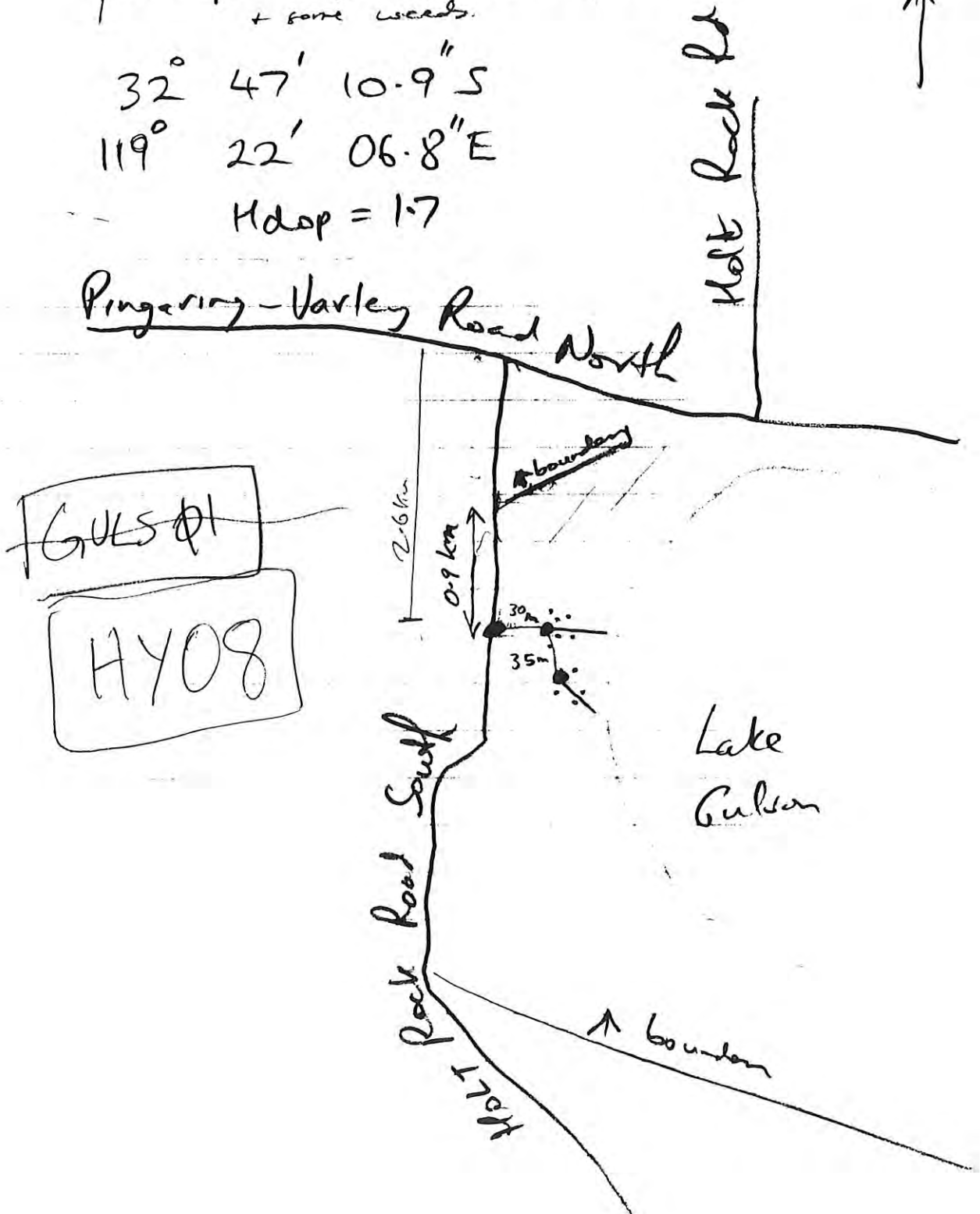
Lake Gulson $\uparrow$ 18 km S of Lake Hurvstone
(E of Dragon Rocks)

A-Mo

Melaleuca Scrub

perhaps slightly salt affected
+ some weeds.

$32^{\circ} 47' 10.9'' S$
 $119^{\circ} 22' 06.8'' E$
Hdop = 1.7



34 km S of Lake Hurston

Lake Fox ↑

Yellow Sandplain
Callitris, Allocasuarina



Qd

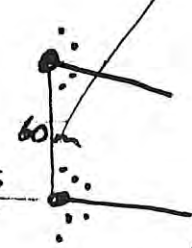
Lake
Gulson

Fox Rd

Drust Rd

Halt Rock Rd South

2.8 km



Lake
Fox

$32^{\circ} 54' 49.6'' S$
 $119^{\circ} 28' 31.7'' E$

HDOP = 2.2

~~FOX #1~~
HY09

Drust Rd

10.

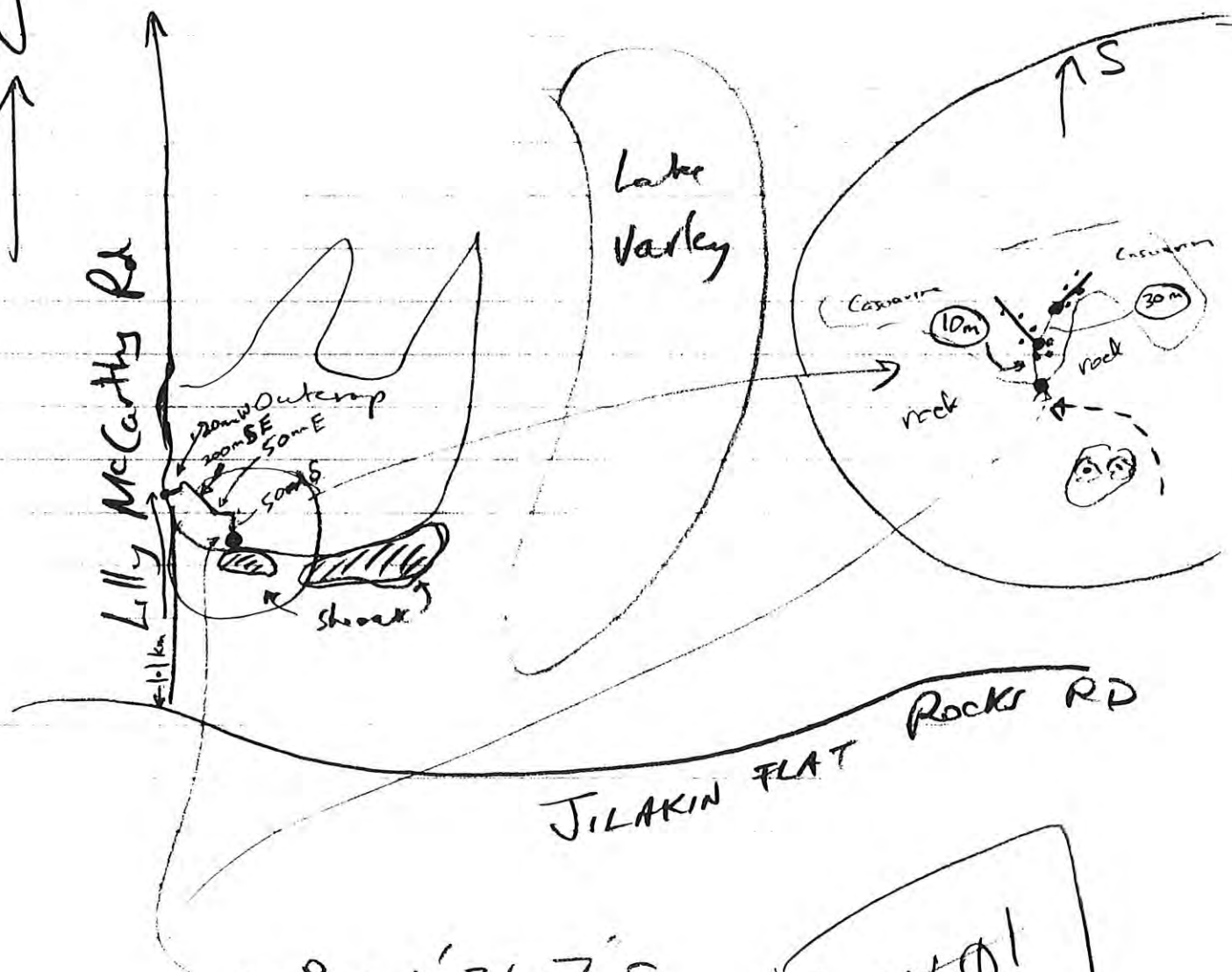
Lilly McCarthy Rock

Southern edge
Lake Varley N.R.

Mg

Casuarina, Jam, Sedges, Borhya, Leptosperma etc

N
↑



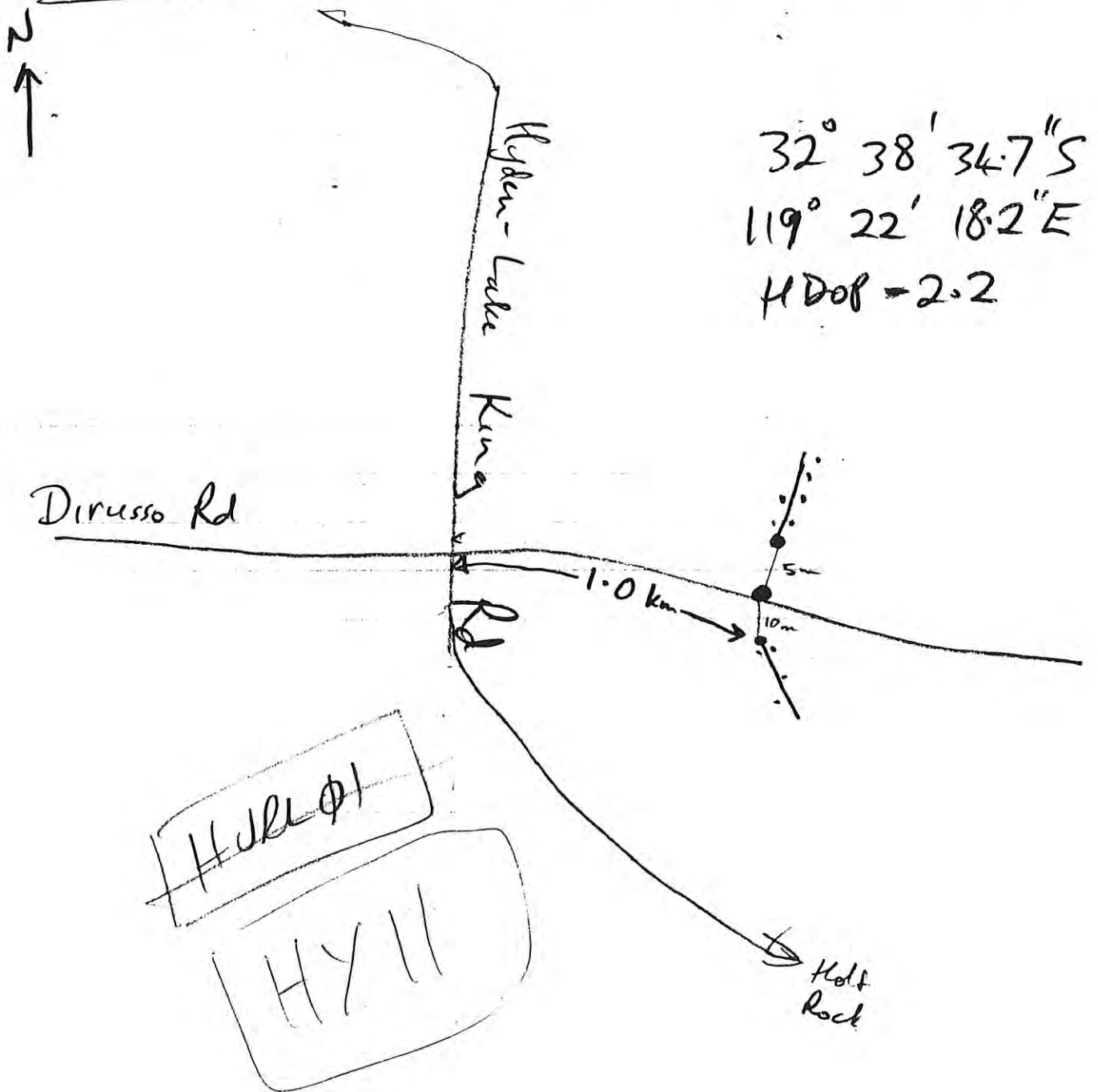
$32^{\circ} 41' 34.7'' S$
 $119^{\circ} 20' 25.4'' E$
 $HDP = 1.8$

~~Lilly McCarthy~~

HY10

11.

Lake HURLSTONE N. Reserve

52 km ESE
of HydenA - M₀ (no gravel)Salt Affected Melaleuca / Euc scrubs. $\approx$ 2° sample

Hurlstone NR

ca 50 km E of Hyden

C surface

Murrel (= Salween Gun) woodl / saltbush

$32^{\circ} 32' 31.7'' S$

$119^{\circ} 22' 41.7'' E$

H Dop = 2.2

Lake
Carmody

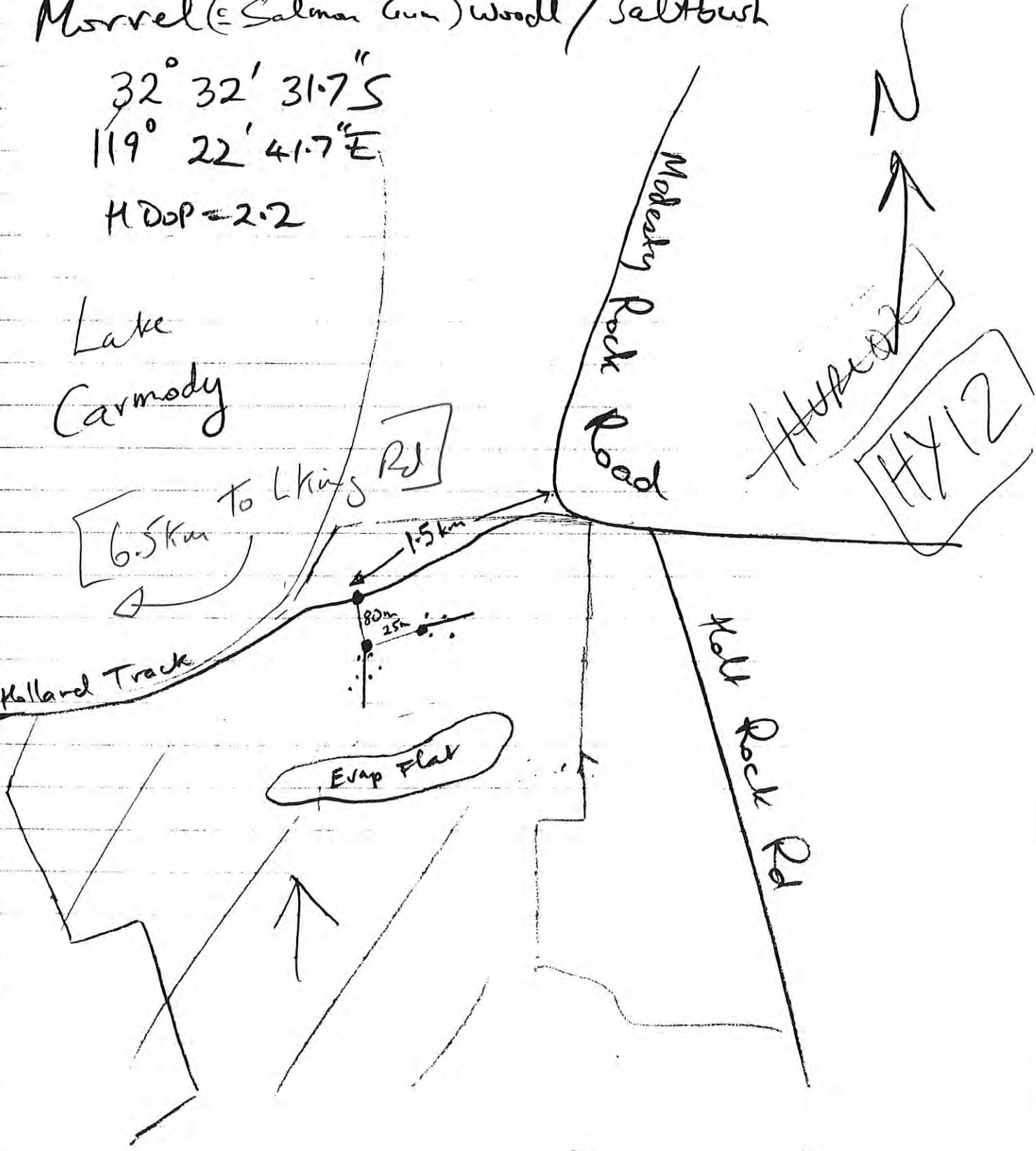
6.5 km To Kings Rd

Holland Track

Evap Flat

AMG - 723335

6396963



13.

Private Land

need to ask owner!

27 km SE of Hyden

Avon

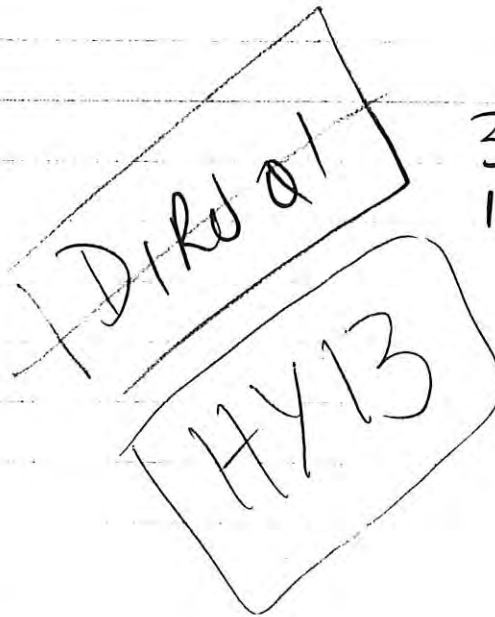
Salmon Gum Woodland partly salt
affected $\pm$ tree death +
Melaleuca shrubland (Salt Lake spp)
Grasses Sedges + Herbs



Russo Rd

1.7 km

Allen Rocks Rd = Hyden Rocks South
on 100 000 map
on 250 000 map



32° 36' 52.9" S
119° 06' 10.0" E
HDOP = 2.2

[AMG - 697302
6389462]