

# BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA PI SITE NUMBER 01  
 DATE TRIP 15/5/1999 RECORDERS NG/GK  
 DATE TRIP 15-10-1999 RECORDERS NG/GK/PCW  
 DATE TRIP \_\_\_\_\_ RECORDERS \_\_\_\_\_  
 BOTANIST \_\_\_\_\_

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

## 1. LOCATION of the QUADRAT

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



NORM

Road Location

SILVER WATTLE HILL N.R.

Geographic Location Latitude

S Longitude

E Altitude

Reference Map

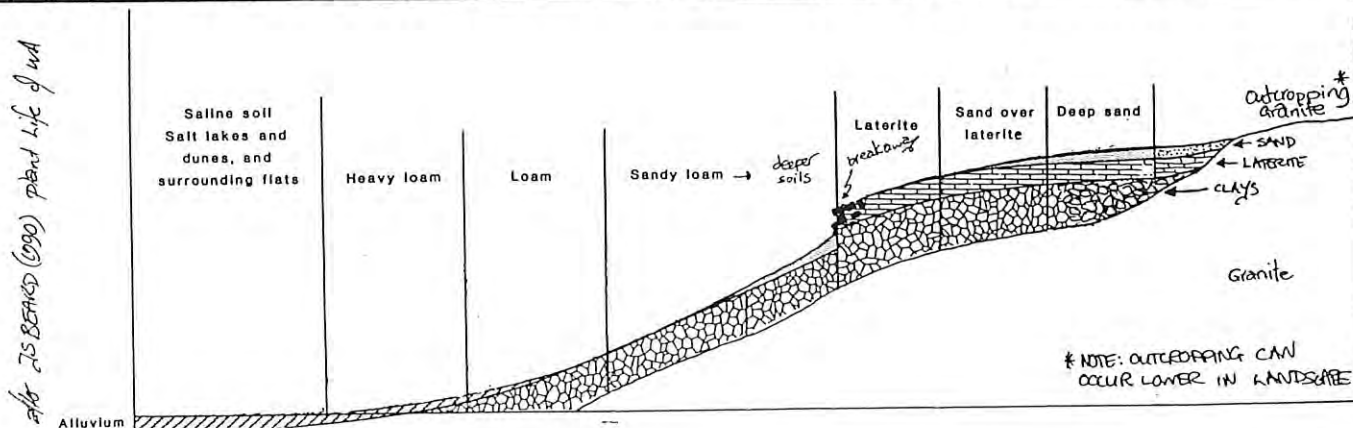
Photograph

Photographer's Name

NG

Photo No 35

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



## 2. SITE DATA Circle the correct response.

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

Surface Soil sand Colour yellow  
 Exposed rock type % surface

Sub-surface Soil sand Colour yellow  
 Rock type depth to rock

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

Litter 105, twigs % cover 30/50 Bare Ground % cover  
 Depth 0 2-5 cm 350/70

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

### 3. VEGETATION STRUCTURE AND COVER

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

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

| TREES            |                                                                                   |                                                                                   |                                                                                                                                                                     | MALLEES                                                                            |                                                                                     |
|------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                  | over 15m                                                                          | 5-15m                                                                             | under 5m                                                                                                                                                            | over 8m                                                                            | under 8m                                                                            |
| LIFE FORM        |  |  |   |  |  |
| COVER CLASS (%)  |                                                                                   |                                                                                   |                                                                                                                                                                     |                                                                                    | 30m                                                                                 |
| DOMINANT SPECIES |                                                                                   |                                                                                   |                                                                                                                                                                     |                                                                                    | 10m                                                                                 |
|                  |                                                                                   |                                                                                   |                                                                                                                                                                     |                                                                                    | L2                                                                                  |
|                  |                                                                                   |                                                                                   |                                                                                                                                                                     |                                                                                    |                                                                                     |
|                  |                                                                                   |                                                                                   |                                                                                                                                                                     |                                                                                    |                                                                                     |

| SHRUBS           |                                                                                                                                                                        |                                                                                    |                                                                                     | SHRUBS                                                                                |                                                                                       |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                  | over 2m                                                                                                                                                                | 2m - 1.5m                                                                          | 1.5 - 1m                                                                            | 1 - 0.5m                                                                              | under 0.5m                                                                            |
| LIFE FORM        |   |  |  |  |  |
| COVER CLASS (%)  | L2                                                                                                                                                                     |                                                                                    |                                                                                     | 30/70                                                                                 | 10/20                                                                                 |
| DOMINANT SPECIES | <i>Grevillea exelsia</i>                                                                                                                                               |                                                                                    |                                                                                     | <i>Petrop. ericif.</i><br><i>Hakea erecta</i><br><i>Melaleuca</i>                     | <i>Alloc. thuy</i><br><i>Dryandra</i><br><i>Petroph. brev</i>                         |
|                  |                                                                                                                                                                        |                                                                                    |                                                                                     |                                                                                       |                                                                                       |
|                  |                                                                                                                                                                        |                                                                                    |                                                                                     |                                                                                       |                                                                                       |
|                  |                                                                                                                                                                        |                                                                                    |                                                                                     |                                                                                       |                                                                                       |

| GRASSES          |                                                                                                                                                                         | HERBS                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                | SEDGES    |                                                                                                                                                                                                                                                                   |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  | over 0.5m                                                                                                                                                               |                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                | over 0.5m | under 0.5m                                                                                                                                                                                                                                                        |
| LIFE FORM        |   |    |    |           |    |
| COVER CLASS (%)  | L2                                                                                                                                                                      | L2                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                |           | 30/70                                                                                                                                                                                                                                                             |
| DOMINANT SPECIES | <i>Neracne</i><br><i>Amphipogon</i>                                                                                                                                     |                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                |           | <i>Schoenus</i><br><i>Mesomel. preuss</i><br><i>Lepidobol. zhaet</i><br><i>Verticordia</i>                                                                                                                                                                        |
|                  |                                                                                                                                                                         |                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                |           |                                                                                                                                                                                                                                                                   |
|                  |                                                                                                                                                                         |                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                |           |                                                                                                                                                                                                                                                                   |
|                  |                                                                                                                                                                         |                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                |           |                                                                                                                                                                                                                                                                   |

#### 4. VEGETATION CONDITION

### Comments

excellent

5m mallee, 2m, bark white

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

15-10-1999

same

| • Column 4 Identification check    |    |    |    |                                 |    |    |       |                                    |    |    |           |
|------------------------------------|----|----|----|---------------------------------|----|----|-------|------------------------------------|----|----|-----------|
| TREES                              |    |    |    | SHRUBS (cont.) 15/10/99         |    |    |       | HERBS (cont.) 15/10/99             |    |    |           |
|                                    | No | FI | ID |                                 | No | FI | ID    |                                    | No | FI | ID        |
|                                    |    |    |    | X Pterostylis recurva           |    |    |       | X Stylidium repens                 |    |    |           |
|                                    |    |    |    | X Conostylis argentea           |    |    |       | X Verticordia brownii              |    |    |           |
|                                    |    |    |    | X Stylidium "spath" squarilobum |    |    |       | X Chaenaxeros limbr                |    |    |           |
|                                    |    |    |    | X Laxmannia pallescens          |    |    |       | X Stylidium brevicaule             |    |    |           |
|                                    |    |    |    | X Daviesia laudax               |    |    |       | X " " piliferum                    |    |    |           |
|                                    |    |    |    | X Euclyptus albidus             |    |    |       | X Cryptandra leucophylla           |    |    | (VSP)     |
| MALLEES                            |    |    |    | GRASSES                         |    |    |       | SEDGES                             |    |    |           |
| Euc. phoenicea                     |    |    |    | Amphipogon                      |    |    |       | X Nierachne alopec                 |    |    |           |
|                                    |    |    |    |                                 |    |    |       | X Chamelaucium navies              |    |    |           |
|                                    |    |    |    |                                 |    |    |       | X Boronia coerulescens ssp spinosa |    |    |           |
|                                    |    |    |    |                                 |    |    |       | X Adenanthos argyrea               |    |    |           |
|                                    |    |    |    |                                 |    |    |       | X Persoonia tortifolia             |    |    |           |
|                                    |    |    |    |                                 |    |    |       | X Synaphala integrifolia           |    |    | Spinulosa |
|                                    |    |    |    |                                 |    |    |       | X Cassytha pubescens               |    |    |           |
| SHRUBS                             |    |    |    |                                 |    |    |       |                                    |    |    |           |
| Petrophile ericifolia              |    |    |    | hookeriana                      |    |    | 15/10 |                                    |    |    |           |
| Baeckea exsertior                  |    |    |    |                                 |    |    |       |                                    |    |    |           |
| Hakea erecta cygna                 |    |    |    |                                 |    |    |       |                                    |    |    |           |
| Calothamn quadrif                  |    |    |    |                                 |    |    |       |                                    |    |    |           |
| Verticardia (yellow)               |    |    |    | chrysantha (VSP)                |    |    |       |                                    |    |    |           |
| Cassytha globella                  |    |    |    |                                 |    |    |       |                                    |    |    |           |
| Daviesia inflata                   |    |    |    |                                 |    |    |       |                                    |    |    |           |
| Leucopogon                         |    |    |    |                                 |    |    |       |                                    |    |    |           |
| Nirbelia depressa                  |    |    |    |                                 |    |    |       |                                    |    |    |           |
| Baeckea preissiana - fls           |    |    |    |                                 |    |    |       |                                    |    |    |           |
| Allorodanthera microstachya        |    |    |    |                                 |    |    |       |                                    |    |    |           |
| Dryandra erythrocephala            |    |    |    | xylothemelia                    |    |    |       |                                    |    |    |           |
| Isonogon buxif spath               |    |    |    |                                 |    |    |       |                                    |    |    |           |
| Petrophile brevifolia              |    |    |    |                                 |    |    |       |                                    |    |    |           |
| Tacksonia                          |    |    |    |                                 |    |    |       |                                    |    |    |           |
| Leucopogon dilsianus (VSP)         |    |    |    |                                 |    |    |       |                                    |    |    |           |
| Petrophile cyathiforme             |    |    |    |                                 |    |    |       |                                    |    |    |           |
| Verticardia picta                  |    |    |    |                                 |    |    |       |                                    |    |    |           |
| Melaleuca teretifolia var uncinata |    |    |    |                                 |    |    |       |                                    |    |    |           |

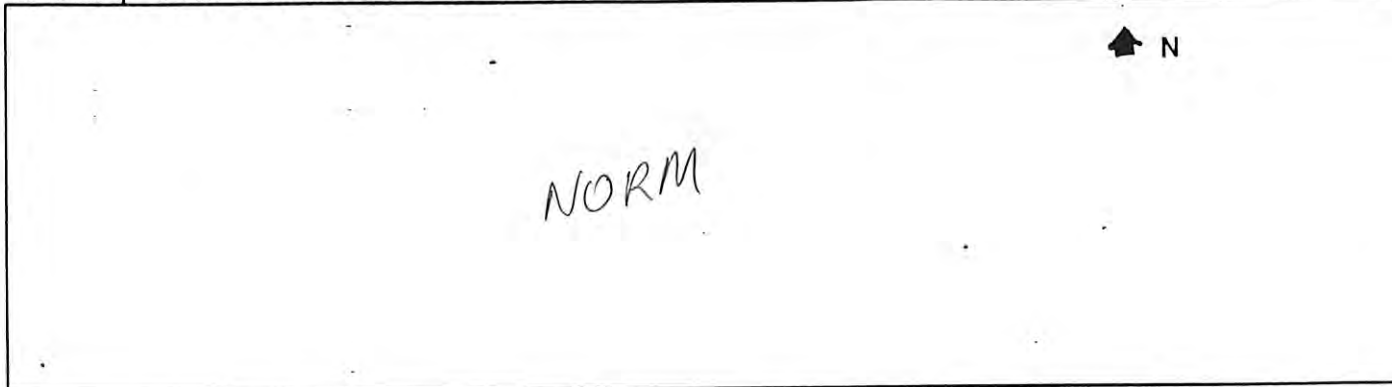
# BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA P.1 SITE NUMBER 02  
 DATE TRIP 15/5/1999 RECORDERS N/GK  
 DATE TRIP 15-10-1999 RECORDERS AW/NG/GK  
 DATE TRIP \_\_\_\_\_ RECORDERS \_\_\_\_\_  
 BOTANIST \_\_\_\_\_

## 1. LOCATION of the QUADRAT

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

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

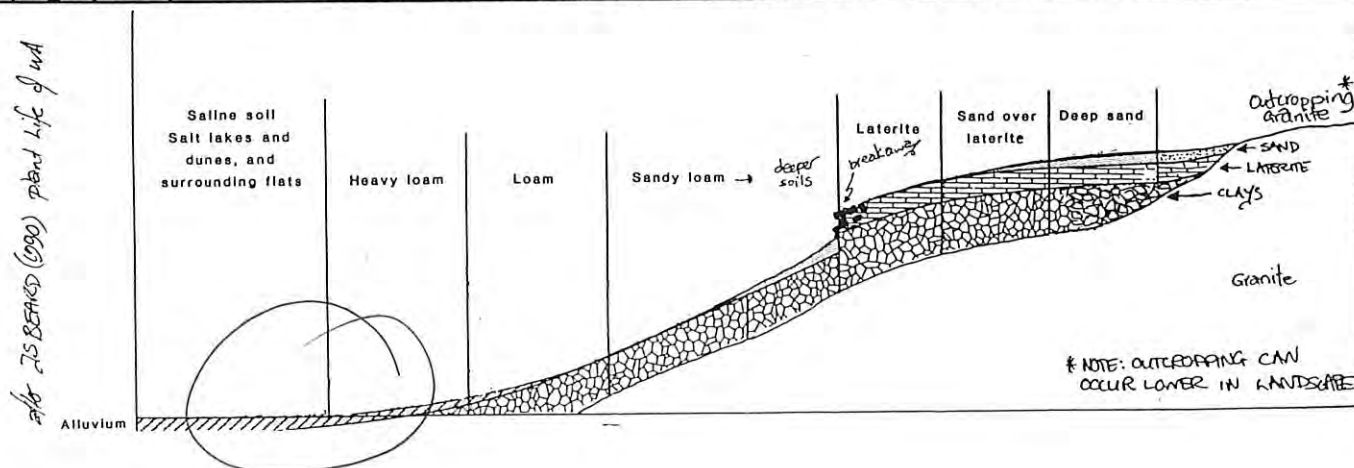


Road Location LAKE BRYDE NR

Geographic Location Latitude \_\_\_\_\_ S Longitude \_\_\_\_\_ E Altitude \_\_\_\_\_  
 Reference Map \_\_\_\_\_

Photograph \_\_\_\_\_ Photographer's Name N/G Photo No 37

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



## 2. SITE DATA Circle the correct response.

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

Surface Soil type sandy clay Colour brown  
 Exposed rock \_\_\_\_\_ % surface \_\_\_\_\_

Sub-surface Soil type clay Colour \_\_\_\_\_  
 Rock \_\_\_\_\_ depth to rock \_\_\_\_\_

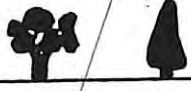
Drainage well mod poor depth water \_\_\_\_\_ cm Wet all year winter/spring

Litter lvs, twigs, stems bark % cover 50/70 Bare Ground 30/50 %cover  
 Depth 2-10 cm

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

**3. VEGETATION STRUCTURE AND COVER**

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

|                  |  | TREES                                                                               |                                                                                    |                                                                                     | MALLEES                                                                              |                                                                                       |
|------------------|--|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                  |  | over 15m                                                                            | 5-15m                                                                              | under 5m                                                                            | over 8m                                                                              | under 8m                                                                              |
| LIFE FORM        |  |    |   |    |    |    |
|                  |  |                                                                                     |                                                                                    |                                                                                     |                                                                                      |                                                                                       |
| COVER CLASS (%)  |  | 2-10                                                                                |                                                                                    |                                                                                     |                                                                                      | 10/20/30                                                                              |
| DOMINANT SPECIES |  | Euc. salmon (dead)                                                                  |                                                                                    |                                                                                     |                                                                                      | Euc.                                                                                  |
|                  |  | SHRUBS                                                                              |                                                                                    |                                                                                     | SHRUBS                                                                               |                                                                                       |
|                  |  | over 2m                                                                             | 2m - 1.5m                                                                          | 1.5 - 1m                                                                            | 1 - 0.5m                                                                             | under 0.5m                                                                            |
| LIFE FORM        |  |   |  |   |  |  |
|                  |  |                                                                                     |                                                                                    |                                                                                     |                                                                                      |                                                                                       |
| COVER CLASS (%)  |  | 10/30/70                                                                            |                                                                                    |                                                                                     |                                                                                      |                                                                                       |
| DOMINANT SPECIES |  | Mel. laterifl. acut<br>Mel. uncin<br>Mel. acumin                                    |                                                                                    |                                                                                     |                                                                                      |                                                                                       |
|                  |  | GRASSES                                                                             |                                                                                    | HERBS                                                                               | SEDGES                                                                               |                                                                                       |
|                  |  |                                                                                     |                                                                                    |                                                                                     | over 0.5m                                                                            | under 0.5m                                                                            |
| LIFE FORM        |  |  |                                                                                    |  |  |  |
|                  |  |                                                                                     |                                                                                    |                                                                                     |                                                                                      |                                                                                       |
| COVER CLASS (%)  |  | L2                                                                                  |                                                                                    | L2                                                                                  |                                                                                      | L2                                                                                    |
| DOMINANT SPECIES |  |                                                                                     |                                                                                    |                                                                                     |                                                                                      |                                                                                       |

**4. VEGETATION CONDITION**

Comments

Salt affected  
Salmon gums Dead

**BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only**

20x20

### 5. SPECIES PRESCENCE

SITE No P1 02

Date 15-5-1999

15-10-1999

**BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only**

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

Record on Sheet

- Column 1 plant name
- Column 2 plant number

*E. J. R.*

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

~~File.~~ Same

| Date 15-3-1999                              |  |  | Column 3 flowering time- tick if special |    |    | Column 4 identification check      |  |  | HERBS (cont.) |    |    | No                                                         | FI | ID |
|---------------------------------------------|--|--|------------------------------------------|----|----|------------------------------------|--|--|---------------|----|----|------------------------------------------------------------|----|----|
| TREES                                       |  |  | No                                       | FI | ID | SHRUBS (cont.)                     |  |  | No            | FI | ID |                                                            |    |    |
| Euc. Salmonophloia                          |  |  |                                          |    |    |                                    |  |  |               |    |    | 15/10/99                                                   |    |    |
|                                             |  |  |                                          |    |    |                                    |  |  |               |    |    | x <i>Crossula colorata</i>                                 |    |    |
|                                             |  |  |                                          |    |    |                                    |  |  |               |    |    | x <i>Vulpia</i>                                            |    |    |
|                                             |  |  |                                          |    |    |                                    |  |  |               |    |    | w <i>Agrostis preissii</i>                                 |    |    |
|                                             |  |  |                                          |    |    |                                    |  |  |               |    |    | x <i>A. Anaphanatum</i> = <i>Echiton sph</i> <i>acutus</i> |    |    |
|                                             |  |  |                                          |    |    |                                    |  |  |               |    |    | x <i>Pentastichis arvores</i>                              |    |    |
|                                             |  |  |                                          |    |    |                                    |  |  |               |    |    | x <i>Hypochaeris glabra</i>                                |    |    |
|                                             |  |  |                                          |    |    |                                    |  |  |               |    |    | x <i>angianthus</i> ? <i>Utoment</i>                       |    |    |
|                                             |  |  |                                          |    |    |                                    |  |  |               |    |    | x                                                          |    |    |
|                                             |  |  |                                          |    |    |                                    |  |  |               |    |    | x                                                          |    |    |
| MALLEES <i>congolobata</i>                  |  |  |                                          |    |    | GRASSES                            |  |  |               |    |    |                                                            |    |    |
| Euc. <i>zpileata</i>                        |  |  |                                          |    |    | <i>Stipa trichophylla</i> (USD)    |  |  |               |    |    |                                                            |    |    |
| <del><i>congolobata</i></del>               |  |  |                                          |    |    |                                    |  |  |               |    |    |                                                            |    |    |
| <del><i>plana</i></del>                     |  |  |                                          |    |    |                                    |  |  |               |    |    |                                                            |    |    |
| SHRUBS <i>sp. Wongan Hills</i>              |  |  |                                          |    |    | <i>cylindrocladus</i>              |  |  |               |    |    | SEDGES                                                     |    |    |
| <i>Melaleuca uncinata</i>                   |  |  |                                          |    |    | <i>acuminata</i>                   |  |  |               |    |    | <i>Lepidosperma angust</i>                                 |    |    |
| <i>" acuminata</i> ssp <i>acuminata</i>     |  |  |                                          |    |    | <i>depauperata</i>                 |  |  |               |    |    |                                                            |    |    |
| <i>" latriflora acut</i>                    |  |  |                                          |    |    |                                    |  |  |               |    |    |                                                            |    |    |
| <i>" <del>agathodes</del> adnata</i>        |  |  |                                          |    |    |                                    |  |  |               |    |    |                                                            |    |    |
| <i>" <del>sp</del> strobophylla</i>         |  |  |                                          |    |    |                                    |  |  |               |    |    |                                                            |    |    |
| <i>Templetonia <del>legum</del> sulcata</i> |  |  |                                          |    |    | <i>= Exoropus aphyllus</i> (15/10) |  |  |               |    |    |                                                            |    |    |
|                                             |  |  |                                          |    |    | HERBS                              |  |  |               |    |    |                                                            |    |    |
| <i>Melaleuca strobophylla</i>               |  |  |                                          |    |    |                                    |  |  |               |    |    |                                                            |    |    |
| <i>Melaleuca lateriflora lateriflora</i>    |  |  |                                          |    |    |                                    |  |  |               |    |    |                                                            |    |    |

# BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA P1 SITE NUMBER 03  
 DATE TRIP 15-5-1999 RECORDERS NG/GK  
 DATE TRIP 15-10-1999 RECORDERS AW/NG/GK  
 DATE TRIP \_\_\_\_\_ RECORDERS \_\_\_\_\_  
 BOTANIST \_\_\_\_\_

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## 1. LOCATION of the QUADRAT

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



NORM

Road Location

NORM

Geographic Location Latitude

S Longitude

E Altitude

Reference Map

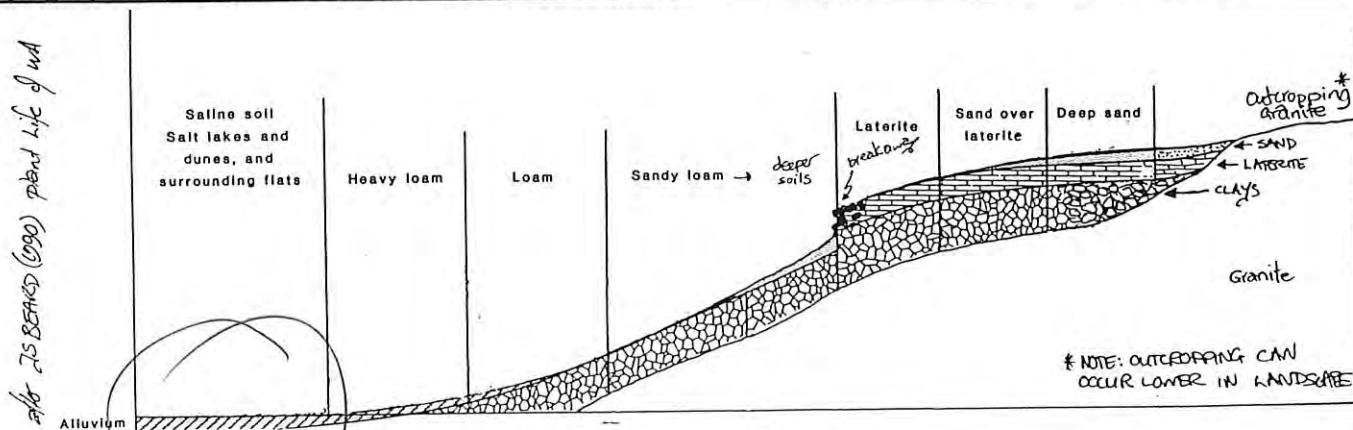
Photograph

Photographer's Name

NG

Photo No 38

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



## 2. SITE DATA Circle the correct response.

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

Surface Soil sandy clay Colour brown  
 Exposed rock type % surface

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

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

Litter + wigs, dead grass % cover 30/50 Bare Ground 50/70 % cover  
 Depth 2-5 cm

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

### 3. VEGETATION STRUCTURE AND COVER

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

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

| TREES            |                                                                                   |                                                                                   |                                                                                   | MALLEES                                                                            |                                                                                     |
|------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                  | over 15m                                                                          | 5-15m                                                                             | under 5m                                                                          | over 8m                                                                            | under 8m                                                                            |
| LIFE FORM        |  |  |  |  |  |
| COVER CLASS (%)  |                                                                                   |                                                                                   |                                                                                   |                                                                                    | 2                                                                                   |
| DOMINANT SPECIES |                                                                                   |                                                                                   |                                                                                   |                                                                                    | Euc. (dead)                                                                         |

| SHRUBS           |                                                                                              |                                                                                     |                                                                                    | SHRUBS                                                                                |                                                                                       |
|------------------|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                  | over 2m                                                                                      | 2m - 1.5m                                                                           | 1.5 - 1m                                                                           | 1 - 0.5m                                                                              | under 0.5m                                                                            |
| LIFE FORM        | (DEAD)<br> |  |  |  |  |
| COVER CLASS (%)  | 30/70                                                                                        |                                                                                     |                                                                                    |                                                                                       | < 2                                                                                   |
| DOMINANT SPECIES | Mel. unc.<br>Mpl. laterifl.<br>Mel. acuminata                                                |                                                                                     |                                                                                    |                                                                                       | Wilsonia humilis<br>Atriplex nana                                                     |

| GRASSES          |                                                                                     | HERBS                                                                               | SEDGES                                                                               | over 0.5m | under 0.5m                                                                            |
|------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------|---------------------------------------------------------------------------------------|
| LIFE FORM        |  |  |  |           |  |
| COVER CLASS (%)  | 10/30                                                                               | 10/30                                                                               |                                                                                      |           |                                                                                       |
| DOMINANT SPECIES | ?Hordeum gen.<br>Vulpia                                                             | Mesemb. nod.<br>Spergula rubra<br>Cotula                                            |                                                                                      |           |                                                                                       |

#### 4. VEGETATION CONDITION

### Comments

Flooded / salted

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESCENCE

SITE No P1 03

Date 15-5-1994

15-10-199

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

Record on Sheet

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

SITE NO. 15-5-1999  
 Date 15-10-1999

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

| TREES                                                                                                                                                            |  |  |  | SHRUBS (cont.)                                   |  |  |  | HERBS (cont.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  | No | FI | ID |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--------------------------------------------------|--|--|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|----|----|----|
| Euc. <del>sugrandis</del> <i>alpestris</i>                                                                                                                       |  |  |  |                                                  |  |  |  | 15/10/99                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |    |    |    |
| MALLEES                                                                                                                                                          |  |  |  | GRASSES                                          |  |  |  | <del>Triglochin</del> <i>rubra</i><br><del>Triglochin</del> <i>muhlenbergii</i><br><del>Parapholis</del> <i>incurva</i><br><del>Cottula</del> <i>bipinnata</i><br><del>Eremophyllum</del> <i>racemosa</i><br><del>Cottula</del> <i>cotuloides</i><br><del>Lolium</del><br><del>Triglochin</del> <i>minutissimum</i> var. <i>minutissimum</i><br><del>Podonotepis</del> <i>stricta</i> (grey) (VSD)<br><del>Sarcocolla</del> <i>oleacea</i><br><del>Atriplex</del><br><del>Apium</del> <i>annuum</i> |  |  |  |    |    |    |
| SHRUBS                                                                                                                                                           |  |  |  | HERBS                                            |  |  |  | SEDGES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |    |    |    |
| <del>Melaleuca</del> <i>uncinata</i><br><del>"</del> <i>acuminata</i> ssp. <i>acuminata</i><br><del>"</del> <i>lateriflora</i><br><del>Mel.</del> <i>brophyi</i> |  |  |  | all plants dead in plot for counting<br>15/10/99 |  |  |  | <del>Sedges</del>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |    |    |    |

ADD Mesals. red  
1. on cover sheet

BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA P1 SITE NUMBER 04  
 DATE TRIP 15-5-1999 RECORDERS NG/GK  
 DATE TRIP 15-10-1999 RECORDERS AW/NG/GK  
 DATE TRIP \_\_\_\_\_ RECORDERS \_\_\_\_\_  
 BOTANIST \_\_\_\_\_

1. LOCATION of the QUADRAT

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

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



NORM

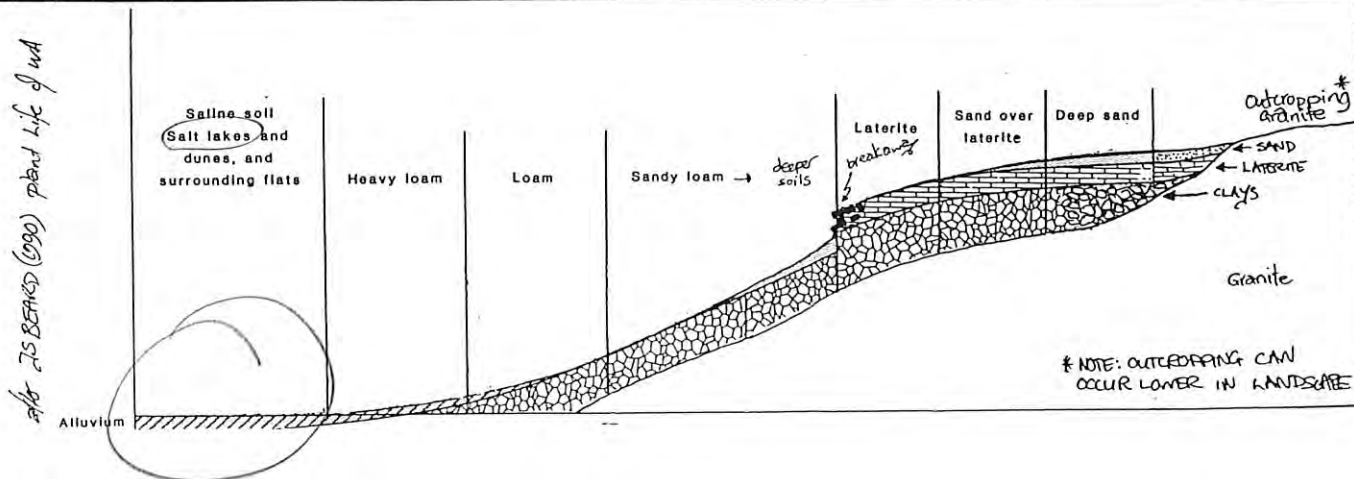
Road Location EAST LAKE BRYDE

Geographic Location Latitude \_\_\_\_\_ S Longitude \_\_\_\_\_ E Altitude \_\_\_\_\_

Reference Map \_\_\_\_\_

Photograph \_\_\_\_\_ Photographer's Name NG Photo No I

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



2. SITE DATA Circle the correct response.

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

Surface Soil clay Colour grey  
 Exposed rock type \_\_\_\_\_ % surface \_\_\_\_\_

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

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

Litter 70/90 % cover 0/10 Bare Ground 70/90 % cover  
 Depth 2 cm cm

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

### 3. VEGETATION STRUCTURE AND COVER

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

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

| TREES            |                                                                                     |                                                                                     |                                                                                      | MALLEES                                                                               |                                                                                       |
|------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                  | over 15m                                                                            | 5 - 15 m                                                                            | under 5 m                                                                            | over 8m                                                                               | under 8m                                                                              |
| LIFE FORM        |    |    |     |     |    |
| COVER CLASS (%)  |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |
| DOMINANT SPECIES |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |
| SHRUBS           |                                                                                     |                                                                                     |                                                                                      | SHRUBS                                                                                |                                                                                       |
|                  | over 2m                                                                             | 2m - 1.5m                                                                           | 1.5 - 1m                                                                             | 1 - 0.5m                                                                              | under 0.5m                                                                            |
| LIFE FORM        |  |  |    |  |  |
| COVER CLASS (%)  |                                                                                     |                                                                                     |                                                                                      |                                                                                       | 10 - 30                                                                               |
| DOMINANT SPECIES |                                                                                     |                                                                                     |                                                                                      |                                                                                       | <i>Halosarcia</i> syn<br><i>Disphyma crassif</i>                                      |
| GRASSES          |                                                                                     | HERBS                                                                               | SEDGES                                                                               | over 0.5m                                                                             | under 0.5m                                                                            |
| LIFE FORM        |  |  |  |                                                                                       |  |
| COVER CLASS (%)  |                                                                                     | < 2                                                                                 |                                                                                      |                                                                                       |                                                                                       |
| DOMINANT SPECIES |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |

#### 4. VEGETATION CONDITION

### Comments

excellent

**BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only**

20x20

5. SPECIES PRESCENCE

**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

is flowering

SAME

SAME

SITE No P1 04  
Date 15-5-1999

Date 15-10-1999

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

[illegible]

~~(no name)~~ ~~???~~ ~~This is what it not really is~~ ✓  
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA PI SITE NUMBER 05  
DATE TRIP 15-5-1999 RECORDERS NG/GK  
DATE TRIP 15-10-1999 RECORDERS NG/GK/AW  
DATE TRIP \_\_\_\_\_ RECORDERS \_\_\_\_\_  
BOTANIST \_\_\_\_\_

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

1. LOCATION of the QUADRAT

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



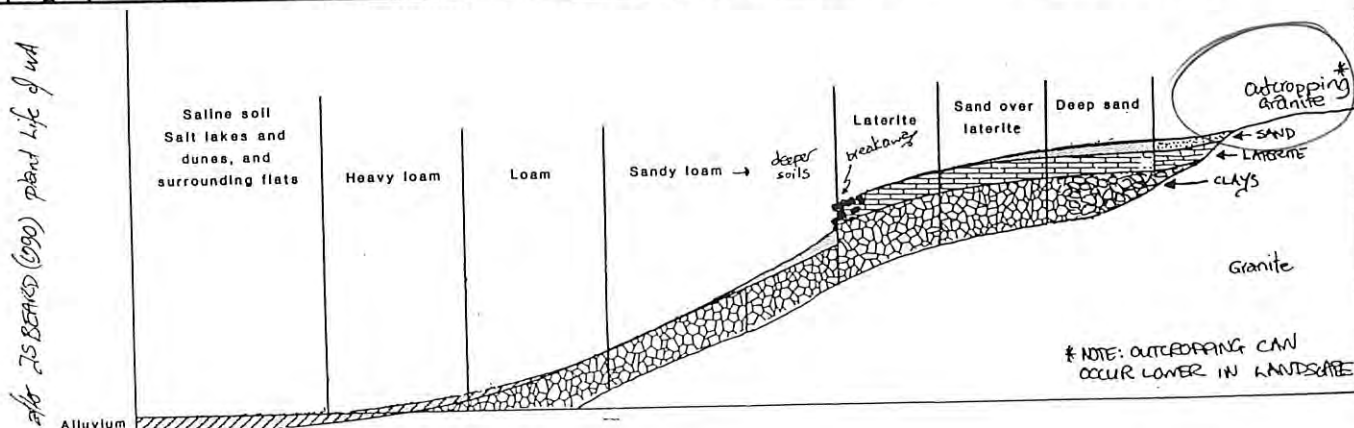
NORM

Road Location Holland Rock NR.

Geographic Location Latitude \_\_\_\_\_ S Longitude \_\_\_\_\_ E Altitude \_\_\_\_\_  
Reference Map \_\_\_\_\_

Photograph \_\_\_\_\_ Photographer's Name NG Photo No 3

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



2. SITE DATA Circle the correct response.

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

Surface Soil sandy clay Colour yellow/brown  
Exposed rock type \_\_\_\_\_ % surface \_\_\_\_\_

Sub-surface Soil loamy clay Colour \_\_\_\_\_  
Rock type granite depth to rock 20/30 cm

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

Litter twigs % cover 70/90 Bare Ground 10 %cover  
Depth 2-5 cm

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

**3. VEGETATION STRUCTURE AND COVER**

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

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

|                  | TREES                                                                             |                                                                                   |                                                                                   | MALLEES                                                                            |                                                                                     |
|------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                  | over 15m                                                                          | 5-15m                                                                             | under 5m                                                                          | over 8m                                                                            | under 8m                                                                            |
| LIFE FORM        |  |  |  |  |  |
| COVER CLASS (%)  |                                                                                   |                                                                                   | 30/70                                                                             |                                                                                    |                                                                                     |
| DOMINANT SPECIES |                                                                                   |                                                                                   | Allocas hueg                                                                      |                                                                                    |                                                                                     |
|                  |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |
|                  |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |

|                  | 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 | Leptospermum<br>Melaleuca                                                          |                                                                                     |                                                                                    |                                                                                       | Hakea<br>Baerkea                                                                      |
|                  |                                                                                    |                                                                                     |                                                                                    |                                                                                       |                                                                                       |
|                  |                                                                                    |                                                                                     |                                                                                    |                                                                                       |                                                                                       |

|                  | GRASSES                                                                             | HERBS                                                                               | SEDGES                                                                               | over 0.5m | under 0.5m                                                                            |
|------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------|---------------------------------------------------------------------------------------|
| LIFE FORM        |  |  |  |           |  |
| COVER CLASS (%)  | 10-30                                                                               | 22 ?                                                                                |                                                                                      |           | 30/70                                                                                 |
| DOMINANT SPECIES | Neracne alopecuroides<br>Amphipogon                                                 | Boraginaceae                                                                        |                                                                                      |           | Leptospermum - Visc<br>Desmodium - asper<br>Lepidob. chaet                            |
|                  |                                                                                     |                                                                                     |                                                                                      |           |                                                                                       |
|                  |                                                                                     |                                                                                     |                                                                                      |           |                                                                                       |

**4. VEGETATION CONDITION**

Comments

very good - excellent  
heavy rabbit grazing

**BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only**

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

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

|                       |  |            |  |    |    |        |                |              |             |          |                |                           |                      |    |  |               |              |                        |         |      |       |  |
|-----------------------|--|------------|--|----|----|--------|----------------|--------------|-------------|----------|----------------|---------------------------|----------------------|----|--|---------------|--------------|------------------------|---------|------|-------|--|
| SITE No               |  | PI         |  | 05 |    | Record |                | Column 2     | Column 3    | Column 4 | flowering time | TICK if species flowering | Identification check |    |  | HERBS (cont.) | 15/10/1999   | No                     | FI      | ID   |       |  |
| Date                  |  | 15-5-1999  |  |    |    |        |                |              |             |          |                |                           |                      |    |  |               |              |                        |         |      |       |  |
| Date                  |  | 15-10-1999 |  |    |    |        |                |              |             |          |                |                           |                      |    |  |               |              |                        |         |      |       |  |
| TREES                 |  |            |  | No | FI | ID     | SHRUBS (cont.) |              |             |          | 15/10/99       | No                        | FI                   | ID |  |               |              |                        |         |      |       |  |
| Allocas huegeliana    |  |            |  |    |    |        | X              | Paranthera   | microphylla |          |                |                           |                      |    |  | X             | Brachycome   | iberidifolia           |         |      |       |  |
|                       |  |            |  |    |    |        | X              | Stylidium    | frankii     | left     | yellow         |                           |                      |    |  | X             | Chaenascilla | spiralis               |         |      |       |  |
|                       |  |            |  |    |    |        | X              | Chaenascilla | corimbosa   |          |                |                           |                      |    |  | X             | Podothera    | angust                 |         |      |       |  |
|                       |  |            |  |    |    |        | X              | Sonchus      | oleraceus   |          |                |                           |                      |    |  | X             | Pyroschis    | nidricans              |         |      |       |  |
|                       |  |            |  |    |    |        | X              | Thysanotus   | patersonii  |          |                |                           |                      |    |  | X             | Gordonia     | sp. <del>frankii</del> | pos     | ill  | flora |  |
|                       |  |            |  |    |    |        | X              | Thelymitra   | parviflora  |          |                |                           |                      |    |  | X             | Menospora    | drum                   |         |      |       |  |
|                       |  |            |  |    |    |        | X              | Waitzia      | acuminata   |          |                |                           |                      |    |  | X             | Levenhook    | stipit                 |         |      |       |  |
|                       |  |            |  |    |    |        | X              | Centrolepis  | cristata    |          |                |                           |                      |    |  | X             | Milla        | tia                    |         |      |       |  |
| MALLEES               |  |            |  |    |    |        |                |              |             |          |                |                           |                      |    |  | X             | Gonocarpus   | <del>frankii</del>     | nodulos |      |       |  |
|                       |  |            |  |    |    |        |                |              |             |          |                |                           |                      |    |  | X             | Stipa        |                        |         |      |       |  |
|                       |  |            |  |    |    |        |                |              |             |          |                |                           |                      |    |  | X             | Dampiera     | flavand                |         |      |       |  |
|                       |  |            |  |    |    |        |                |              |             |          |                |                           |                      |    |  | X             | Rhoblanthe   | laevis                 |         |      |       |  |
|                       |  |            |  |    |    |        |                |              |             |          |                |                           |                      |    |  | X             | Aira         | caryophylla            |         |      |       |  |
| SHRUBS                |  |            |  |    |    |        |                |              |             |          |                |                           |                      |    |  |               | SEDGES       |                        |         |      |       |  |
| Melaena uncinata      |  |            |  |    |    |        |                |              |             |          |                |                           |                      |    |  |               | X            | Lepidosperma           | viscid  | drum | lii   |  |
| Leptosperm erubesc    |  |            |  |    |    |        |                |              |             |          |                |                           |                      |    |  |               | X            | Lepidobolus            | chaetac |      |       |  |
| Allocas campestr      |  |            |  |    |    |        |                |              |             |          |                |                           |                      |    |  |               |              |                        |         |      |       |  |
| Dodonaea pinnatifolia |  |            |  |    |    |        |                |              |             |          |                |                           |                      |    |  |               |              |                        |         |      |       |  |
| Hakea lissocarpa      |  |            |  |    |    |        |                |              |             |          |                |                           |                      |    |  |               |              |                        |         |      |       |  |
| Halganina cyanogaster |  |            |  |    |    |        |                |              |             |          |                |                           |                      |    |  |               |              |                        |         |      |       |  |
|                       |  |            |  |    |    |        |                |              |             |          |                |                           |                      |    |  |               |              |                        |         |      |       |  |
|                       |  |            |  |    |    |        |                |              |             |          |                |                           |                      |    |  |               |              |                        |         |      |       |  |
|                       |  |            |  |    |    |        |                |              |             |          |                |                           |                      |    |  |               |              |                        |         |      |       |  |
|                       |  |            |  |    |    |        |                |              |             |          |                |                           |                      |    |  |               |              |                        |         |      |       |  |
|                       |  |            |  |    |    |        |                |              |             |          |                |                           |                      |    |  |               |              |                        |         |      |       |  |
|                       |  |            |  |    |    |        |                |              |             |          |                |                           |                      |    |  |               |              |                        |         |      |       |  |
|                       |  |            |  |    |    |        |                |              |             |          |                |                           |                      |    |  |               |              |                        |         |      |       |  |
|                       |  |            |  |    |    |        |                |              |             |          |                |                           |                      |    |  |               |              |                        |         |      |       |  |
|                       |  |            |  |    |    |        |                |              |             |          |                |                           |                      |    |  |               |              |                        |         |      |       |  |
|                       |  |            |  |    |    |        |                |              |             |          |                |                           |                      |    |  |               |              |                        |         |      |       |  |
|                       |  |            |  |    |    |        |                |              |             |          |                |                           |                      |    |  |               |              |                        |         |      |       |  |
|                       |  |            |  |    |    |        |                |              |             |          |                |                           |                      |    |  |               |              |                        |         |      |       |  |
|                       |  |            |  |    |    |        |                |              |             |          |                |                           |                      |    |  |               |              |                        |         |      |       |  |
|                       |  |            |  |    |    |        |                |              |             |          |                |                           |                      |    |  |               |              |                        |         |      |       |  |
|                       |  |            |  |    |    |        |                |              |             |          |                |                           |                      |    |  |               |              |                        |         |      |       |  |
|                       |  |            |  |    |    |        |                |              |             |          |                |                           |                      |    |  |               |              |                        |         |      |       |  |
|                       |  |            |  |    |    |        |                |              |             |          |                |                           |                      |    |  |               |              |                        |         |      |       |  |
|                       |  |            |  |    |    |        |                |              |             |          |                |                           |                      |    |  |               |              |                        |         |      |       |  |
|                       |  |            |  |    |    |        |                |              |             |          |                |                           |                      |    |  |               |              |                        |         |      |       |  |
|                       |  |            |  |    |    |        |                |              |             |          |                |                           |                      |    |  |               |              |                        |         |      |       |  |
|                       |  |            |  |    |    |        |                |              |             |          |                |                           |                      |    |  |               |              |                        |         |      |       |  |
|                       |  |            |  |    |    |        |                |              |             |          |                |                           |                      |    |  |               |              |                        |         |      |       |  |
|                       |  |            |  |    |    |        |                |              |             |          |                |                           |                      |    |  |               |              |                        |         |      |       |  |
|                       |  |            |  |    |    |        |                |              |             |          |                |                           |                      |    |  |               |              |                        |         |      |       |  |
|                       |  |            |  |    |    |        |                |              |             |          |                |                           |                      |    |  |               |              |                        |         |      |       |  |
|                       |  |            |  |    |    |        |                |              |             |          |                |                           |                      |    |  |               |              |                        |         |      |       |  |
|                       |  |            |  |    |    |        |                |              |             |          |                |                           |                      |    |  |               |              |                        |         |      |       |  |
|                       |  |            |  |    |    |        |                |              |             |          |                |                           |                      |    |  |               |              |                        |         |      |       |  |
|                       |  |            |  |    |    |        |                |              |             |          |                |                           |                      |    |  |               |              |                        |         |      |       |  |
|                       |  |            |  |    |    |        |                |              |             |          |                |                           |                      |    |  |               |              |                        |         |      |       |  |
|                       |  |            |  |    |    |        |                |              |             |          |                |                           |                      |    |  |               |              |                        |         |      |       |  |
|                       |  |            |  |    |    |        |                |              |             |          |                |                           |                      |    |  |               |              |                        |         |      |       |  |
|                       |  |            |  |    |    |        |                |              |             |          |                |                           |                      |    |  |               |              |                        |         |      |       |  |
|                       |  |            |  |    |    |        |                |              |             |          |                |                           |                      |    |  |               |              |                        |         |      |       |  |
|                       |  |            |  |    |    |        |                |              |             |          |                |                           | </                   |    |  |               |              |                        |         |      |       |  |

# BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA P1 SITE NUMBER 06  
 DATE TRIP 16-5-1999 RECORDERS NG/GK  
 DATE TRIP 15-10-1999 RECORDERS AW/NG/GK  
 DATE TRIP \_\_\_\_\_ RECORDERS \_\_\_\_\_  
 BOTANIST \_\_\_\_\_

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

## 1. LOCATION of the QUADRAT

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



NORM

Road Location

LAKE MAGENTA NR

Geographic Location Latitude

NORM S Longitude

E Altitude

Reference Map

Photograph

Photographer's Name

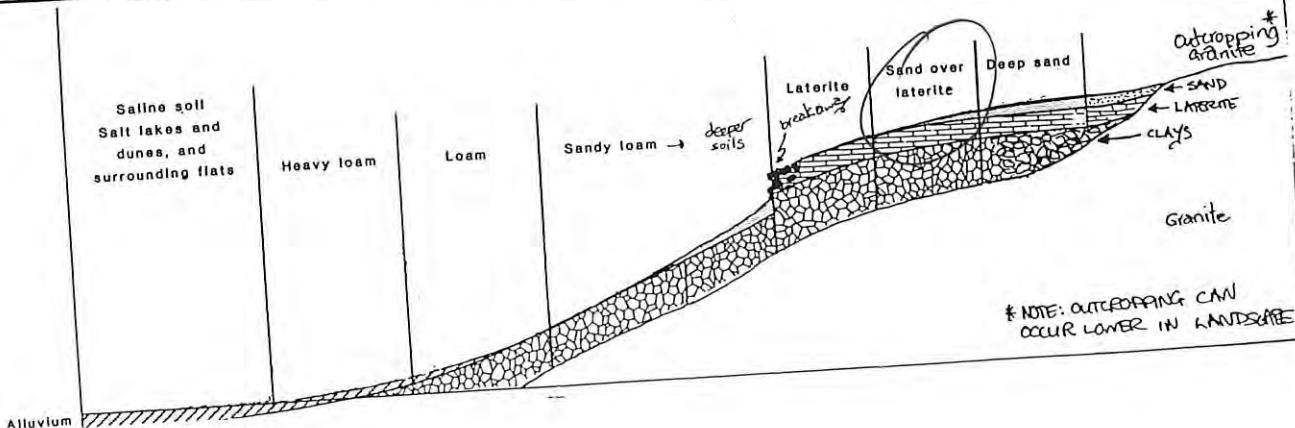
N Gibson

Photo No

14

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

after 25 BEARDS (1990) plant life of WA



## 2. SITE DATA Circle the correct response.

|                  |                                  |               |                            |
|------------------|----------------------------------|---------------|----------------------------|
| Slope            | <u>flat</u> gentle steep         | Aspect        | N NE E SE S SW W NW        |
| Surface Soil     | <u>sand-laterite</u>             | Colour        | <u>yellow</u>              |
| Exposed rock     | type                             | % surface     |                            |
| Sub-surface Soil | <u>laterite</u>                  | Colour        |                            |
| Rock             | type                             | depth to rock | <u>20 cm</u>               |
| Drainage         | <u>well</u> mod poor depth water | cm            | Wet all year winter/spring |
| Litter           | <u>twigs, JS</u>                 | % cover       | <u>30/50</u>               |
|                  | Depth <u>2-5</u> cm              | Bare Ground   | <u>30/50</u> %cover        |

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

## 3. VEGETATION STRUCTURE AND COVER

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

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

| TREES            |                                                                                     |                                                                                     |                                                                                      |                                                                                      |                                                                                       | MALLEES                                                                    |                   |
|------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------|-------------------|
|                  | over 15m                                                                            | 5-15m                                                                               | under 5m                                                                             | over 8m                                                                              | under 8m                                                                              |                                                                            |                   |
| LIFE FORM        |    |    |     |    |    | 30m                                                                        | 10m               |
| COVER CLASS (%)  |                                                                                     |                                                                                     |                                                                                      |                                                                                      |                                                                                       | 2-10                                                                       |                   |
| DOMINANT SPECIES |                                                                                     |                                                                                     |                                                                                      |                                                                                      |                                                                                       | <i>Euc. tetragon</i>                                                       |                   |
|                  |                                                                                     |                                                                                     |                                                                                      |                                                                                      |                                                                                       |                                                                            |                   |
| SHRUBS           |                                                                                     |                                                                                     |                                                                                      |                                                                                      | SHRUBS                                                                                |                                                                            |                   |
|                  | over 2m                                                                             | 2m - 1.5m                                                                           | 1.5 - 1m                                                                             | 1-0.5m                                                                               | under 0.5m                                                                            |                                                                            |                   |
| LIFE FORM        |   |   |    |  |  | Bank. viol 2m                                                              | Petrop. brevif 1m |
| COVER CLASS (%)  |                                                                                     |                                                                                     | 2-10                                                                                 |                                                                                      |                                                                                       | 10-30                                                                      |                   |
| DOMINANT SPECIES |                                                                                     |                                                                                     | <i>Hakea erecta</i><br><i>Melaleuca</i><br><i>Allocas pinaster</i>                   |                                                                                      |                                                                                       | <i>Dry. pteridif</i><br><i>Bedu. ltriflora</i><br><i>Isopog. ltriflora</i> |                   |
|                  |                                                                                     |                                                                                     |                                                                                      |                                                                                      |                                                                                       |                                                                            |                   |
| GRASSES          |                                                                                     | HERBS                                                                               |                                                                                      | SEDGES                                                                               |                                                                                       |                                                                            |                   |
|                  |                                                                                     |                                                                                     |                                                                                      | over 0.5m                                                                            | under 0.5m                                                                            |                                                                            |                   |
| LIFE FORM        |  |  |  |  |  | 1m                                                                         |                   |
| COVER CLASS (%)  | <2                                                                                  | <2                                                                                  |                                                                                      |                                                                                      |                                                                                       |                                                                            |                   |
| DOMINANT SPECIES |                                                                                     |                                                                                     |                                                                                      |                                                                                      |                                                                                       |                                                                            |                   |

## 4. VEGETATION CONDITION

Comments

burnt ca 20 yrs ago

same

Label each plant  
Record on Sheet

Date 16-5-1999

Date 16-5-1999  
16-10-1999

- Column 1 plant name
  - Column 2 plant number
  - Column 3 flowering time- TICK if species flowering
  - Column 4 identification check
- | No | Fl | ID |  |
|----|----|----|--|
|    |    |    |  |

*Beaufortia micrantha* var *micrantha*

*Leucopogon crassifolius* 16/4/99

# BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA P1 SITE NUMBER 07  
 DATE TRIP 16-5-1999 RECORDERS NG/GK  
 DATE TRIP 16-10-1999 RECORDERS AW/NG/GK  
 DATE TRIP \_\_\_\_\_ RECORDERS \_\_\_\_\_  
 BOTANIST \_\_\_\_\_

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

## 1. LOCATION of the QUADRAT

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



NORM

Road Location

LAKE MAGENTA

NR

Geographic Location Latitude

NORM

S Longitude

E Altitude

Reference Map

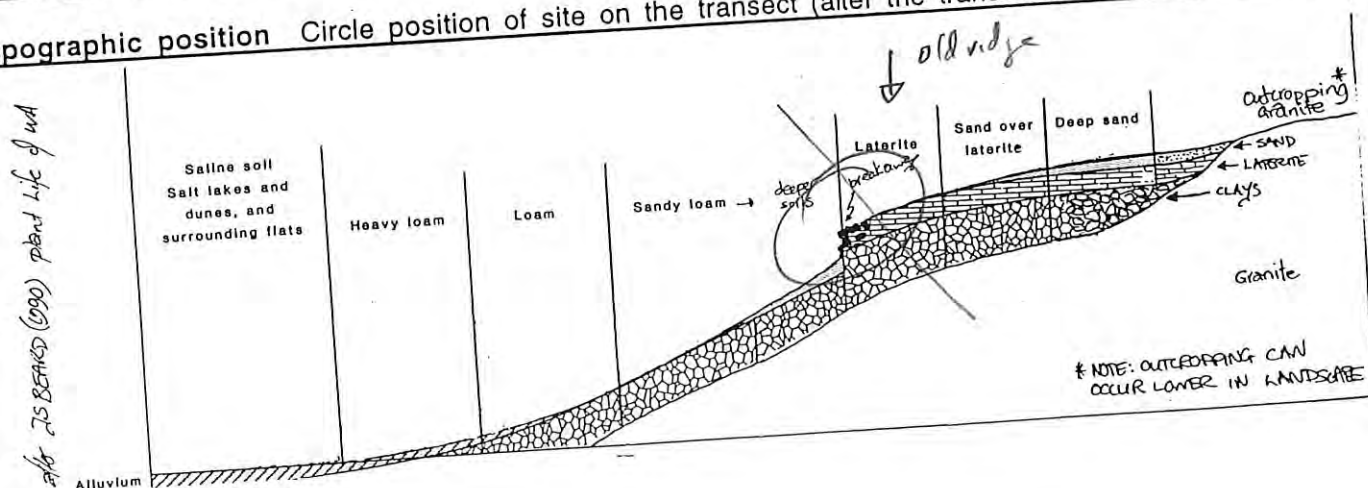
Photo No 13

Photograph

Photographer's Name

N Gibson

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



## 2. SITE DATA Circle the correct response.

|                  |             |               |       |                      |    |         |          |               |          |         |        |    |
|------------------|-------------|---------------|-------|----------------------|----|---------|----------|---------------|----------|---------|--------|----|
| Slope            | flat        | <u>gentle</u> | steep | Aspect               | N  | NE      | E        | SE            | <u>S</u> | SW      | W      | NW |
| Surface Soil     | type        |               |       | sandy clay           |    | %       |          | surface       |          | Colour  | yellow |    |
| Exposed rock     | type        |               |       | sandy lateritic clay |    | %       |          | depth to rock |          | Colour  | yellow |    |
| Sub-surface Soil | type        |               |       | laterite             |    | %       |          | depth to rock |          | Colour  | yellow |    |
| Rock             | type        |               |       |                      |    | %       |          | depth to rock |          | Colour  | yellow |    |
| Drainage         | <u>well</u> | mod           | poor  | depth water          | cm | Wet     | all year | winter/spring |          |         |        |    |
| Litter           | Depth       |               |       | 2-5                  | cm | % cover | >90      | Bare Ground   | <10      | % cover |        |    |

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

## 3. VEGETATION STRUCTURE AND COVER

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

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

| TREES            |                                                                                     |                                                                                     |                                                                                      |                                                                                      |                                                                                       | MALLEES |     |
|------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------|-----|
|                  | over 15m                                                                            | 5-15m                                                                               | under 5m                                                                             | over 8m                                                                              | under 8m                                                                              |         |     |
| LIFE FORM        |    |    |     |    |    | 30m     | 10m |
| COVER CLASS (%)  |                                                                                     | 30/70                                                                               |                                                                                      |                                                                                      |                                                                                       |         |     |
| DOMINANT SPECIES |                                                                                     | Euc. gordonii<br>Puc. Lurida                                                        | flock sp. Ark                                                                        |                                                                                      |                                                                                       |         |     |
|                  |                                                                                     |                                                                                     |                                                                                      |                                                                                      |                                                                                       |         |     |
| SHRUBS           |                                                                                     |                                                                                     |                                                                                      |                                                                                      | SHRUBS                                                                                |         |     |
|                  | over 2m                                                                             | 2m - 1.5m                                                                           | 1.5 - 1m                                                                             | 1-0.5m                                                                               | under 0.5m                                                                            |         |     |
| LIFE FORM        |   |   |    |  |  | 2m      | 1m  |
| COVER CLASS (%)  | 2                                                                                   |                                                                                     |                                                                                      | 2-10                                                                                 | <2                                                                                    |         |     |
| DOMINANT SPECIES | Mel. uncinata                                                                       |                                                                                     |                                                                                      | Gastrolobium<br>Phebal. tuberc<br>Trimalium                                          |                                                                                       |         |     |
|                  |                                                                                     |                                                                                     |                                                                                      |                                                                                      |                                                                                       |         |     |
| GRASSES          |                                                                                     | HERBS                                                                               |                                                                                      | SEDGES                                                                               |                                                                                       |         |     |
|                  |                                                                                     |                                                                                     |                                                                                      | over 0.5m                                                                            | under 0.5m                                                                            |         |     |
| LIFE FORM        |  |  |  |                                                                                      |  | 1m      |     |
| COVER CLASS (%)  | <2                                                                                  | <2                                                                                  |                                                                                      |                                                                                      | <2                                                                                    |         |     |
| DOMINANT SPECIES |                                                                                     |                                                                                     |                                                                                      |                                                                                      |                                                                                       |         |     |

## 4. VEGETATION CONDITION

Comments

excellent

20x20

Label each plant  
Record on Sheet

SITE No P1  
Date 16-5-1999

Date 16-10-1999

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

Samuel  
// Eschbacher 26/10/01

SPECIES SITE No P1 07  
Date 16-5-1999  
16-10-1999

Record on Sheet  
Euc. col. 26/10/01.

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

| TREES                                         | No       | FI | ID |
|-----------------------------------------------|----------|----|----|
| Euc. calcata phibetoniae sp. phibetoniae var. |          |    |    |
| ADS " gordiniana gordiniana                   |          |    |    |
| Euc. (off redwood)                            |          |    |    |
| Euc. fulva [20x20]                            | 26/10/01 |    |    |

| MALLEES | No | FI | ID |
|---------|----|----|----|
|---------|----|----|----|

| SHRUBS                       | No | FI | ID |
|------------------------------|----|----|----|
| Melaleuca uncinata           |    |    |    |
| Phacium tuberculatum         |    |    |    |
| Hakea (tree)                 |    |    |    |
| Trymallum elachophyllum      |    |    |    |
| Gastrolobium parvifolium     |    |    |    |
| Beyeria leschenaultii        |    |    |    |
| Chamelancium ciliatum        |    |    |    |
| Acaia pycnocephala (sterile) |    |    |    |

| GRASSES                     | No | FI | ID |
|-----------------------------|----|----|----|
| newbeyana (vsp)             |    |    |    |
| brevifolia brevifolia (vsp) |    |    |    |

| HERBS | No | FI | ID |
|-------|----|----|----|
|-------|----|----|----|

| HERBS (cont.)                  | No | FI | ID |
|--------------------------------|----|----|----|
| X Baerkea Artantensis (glab)   |    |    |    |
| X Poranthera microphylla       |    |    |    |
| X Milotia                      |    |    |    |
| X Rhodanthus laevis            |    |    |    |
| X Thysanotus patersonii        |    |    |    |
| X Stipa hemipogon              |    |    |    |
| X Melaleuca frigidifolia (vsp) |    |    |    |
| X Broomia inconspicua          |    |    |    |
| X Thelymitra aff. vauclayana   |    |    |    |

photo shows mallees.

↓ \* Have all in fruit appears to be flock flock photo shows mullets.  
dead photo of mullet (tree - issue)

# BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA P1 SITE NUMBER 08  
 DATE TRIP 16-5-1999 RECORDERS NG/G/K  
 DATE TRIP 16-10-1999 RECORDERS AW/NG/G/K  
 DATE TRIP \_\_\_\_\_ RECORDERS \_\_\_\_\_  
 BOTANIST \_\_\_\_\_

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

## 1. LOCATION of the QUADRAT

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



NORM

Road Location

LAKE MAGENTA N.R.

Geographic Location Latitude

NORM

S Longitude

E Altitude

Reference Map

Photo No 9

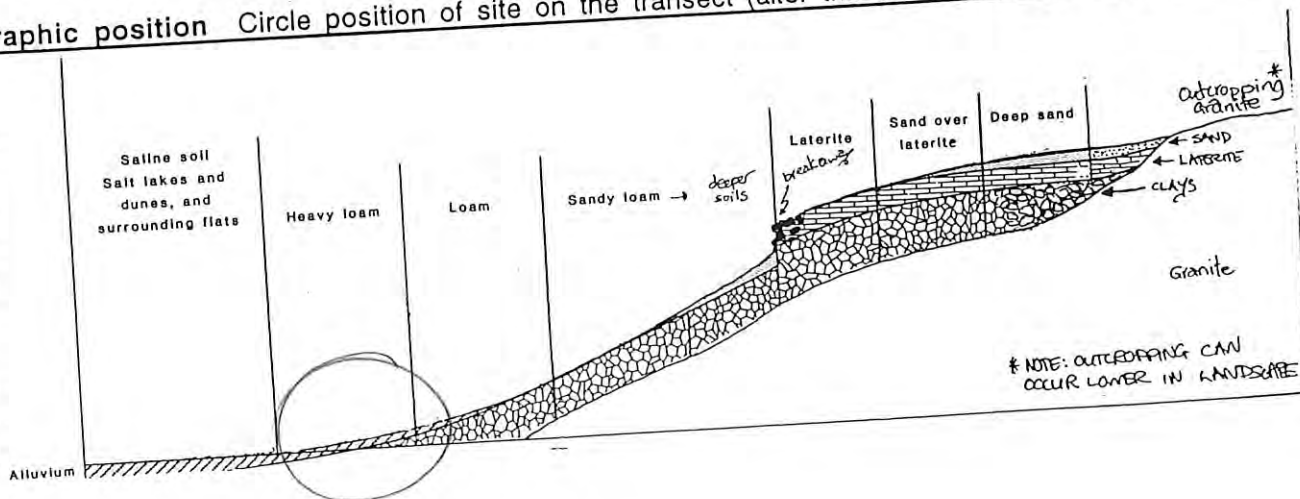
Photograph

Photographer's Name

NG

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

after J.S. BEARDS (1990) plant life of WA



## 2. SITE DATA Circle the correct response.

|                       |            |        |       |               |       |             |          |               |   |    |   |    |
|-----------------------|------------|--------|-------|---------------|-------|-------------|----------|---------------|---|----|---|----|
| Slope                 | flat       | gentle | steep | Aspect        | N     | NE          | E        | SE            | S | SW | W | NW |
| Surface Soil          | sandy clay |        |       | Colour        | brown |             |          |               |   |    |   |    |
| Exposed rock          | type       |        |       | % surface     |       |             |          |               |   |    |   |    |
| Sub-surface Soil      | clay       |        |       | Colour        | brown |             |          |               |   |    |   |    |
| Rock                  | quartz     |        |       | depth to rock |       |             |          |               |   |    |   |    |
| Drainage              | well       | mod    | poor  | depth water   | cm    | Wet         | all year | winter/spring |   |    |   |    |
| Litter bark, vs. wigs | Depth 5-25 |        |       | % cover       | 70/90 | Bare Ground | 10       | %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 (%)  | 10/30              |       |          |         |          |
| 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>Melaleuca acum</i><br><i>Santalum acum</i> |           |          |          | <i>Olearia muelleri</i><br><i>Rhag. drum</i> |
|                  |                                               |           |          |          |                                              |
|                  |                                               |           |          |          |                                              |

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

#### 4. VEGETATION CONDITION

### Comments

burnt ca 30 yrs ago  
mature trees dead.

**BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only**

20 x 20

### 5. SPECIES PRESCENCE

| 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 |
| 1                                                         | plant name              | Sam              |

SITE No P1 04

### Record on Sheet

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

Date 16-5-1999

16 - 10 - 1999

Same

[illegible]

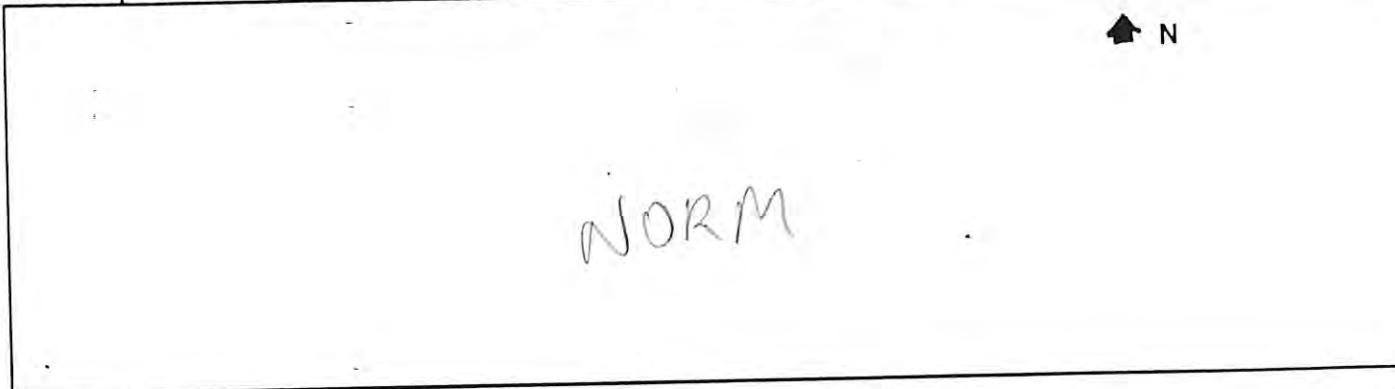
# BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA P1 SITE NUMBER 09  
 DATE TRIP 16-5-1999 RECORDERS NG/GK  
 DATE TRIP 16-10-99 RECORDERS AW/NG/GK  
 DATE TRIP \_\_\_\_\_ RECORDERS \_\_\_\_\_  
 BOTANIST \_\_\_\_\_

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

## 1. LOCATION of the QUADRAT

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



Road Location

LAKE MAGENTA NR

Geographic Location

Latitude NORM

S Longitude

E Altitude

Reference Map

Photograph

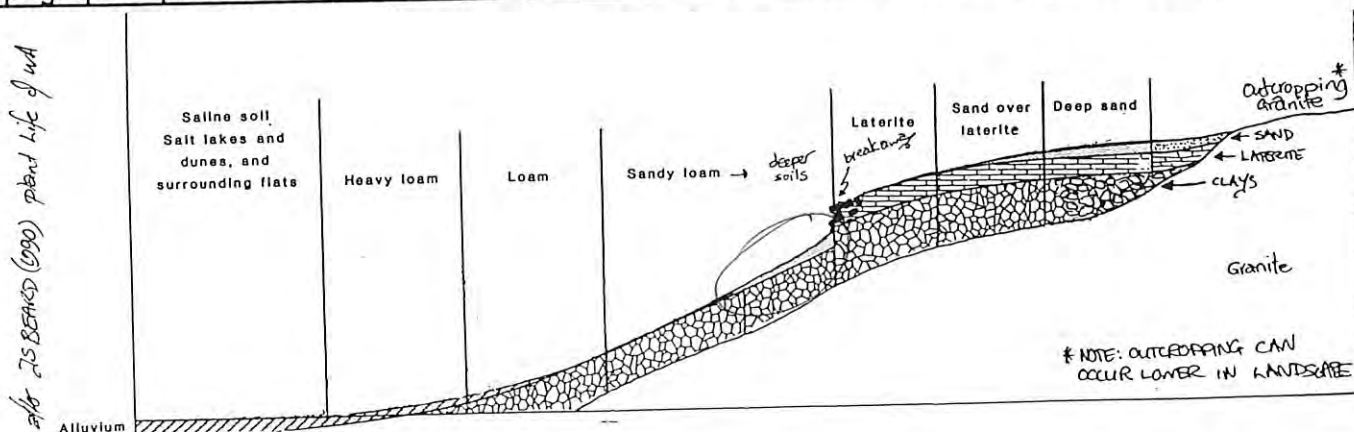
Photographer's Name

NG

Photo No

8

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



## 2. SITE DATA Circle the correct response.

|                  |                   |               |       |             |               |                   |          |             |               |    |                   |    |
|------------------|-------------------|---------------|-------|-------------|---------------|-------------------|----------|-------------|---------------|----|-------------------|----|
| Slope            | flat              | <u>gentle</u> | steep | Aspect      | <u>N</u>      | NE                | E        | SE          | S             | SW | W                 | NW |
| Surface Soil     | <u>sand</u>       |               |       |             | Colour        | <u>grey/brown</u> |          |             |               |    |                   |    |
| Exposed rock     | type              |               |       |             | % surface     |                   |          |             |               |    |                   |    |
| Sub-surface Soil | <u>sand</u>       |               |       |             | Colour        | <u>grey</u>       |          |             |               |    |                   |    |
| Rock             | type              |               |       |             | depth to rock | <u>&gt;1m</u>     |          |             |               |    |                   |    |
| Drainage         | <u>well</u>       | mod           | poor  | depth water | cm            | Wet               | all year |             | winter/spring |    |                   |    |
| Litter           | <u>twigs, lvs</u> |               |       |             | % cover       | <u>30/40</u>      |          | Bare Ground | <u>30</u>     |    | % cover <u>50</u> |    |
|                  | Depth <u>2-5</u>  |               |       |             | cm            |                   |          |             |               |    |                   |    |

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

**3. VEGETATION STRUCTURE AND COVER**

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

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

| TREES            |                                                                                   |                                                                                   | MALLEES                                                                           |                                                                                    |                                                                                     |
|------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                  | over 15m                                                                          | 5-15m                                                                             | under 5m                                                                          | over 8m                                                                            | under 8m                                                                            |
| LIFE FORM        |  |  |  |  |  |
|                  |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |
| COVER CLASS (%)  |                                                                                   |                                                                                   |                                                                                   |                                                                                    | 10-30                                                                               |
| DOMINANT SPECIES |                                                                                   |                                                                                   |                                                                                   |                                                                                    | Euc. ±                                                                              |
|                  |                                                                                   |                                                                                   |                                                                                   |                                                                                    | " II                                                                                |

| SHRUBS           |                                                                                    |                                                                                     | SHRUBS                                                                             |                                                                                       |                                                                                       |
|------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                  | over 2m                                                                            | 2m - 1.5m                                                                           | 1.5 - 1m                                                                           | 1-0.5m                                                                                | under 0.5m                                                                            |
| LIFE FORM        |  |  |  |  |  |
|                  |                                                                                    |                                                                                     |                                                                                    |                                                                                       |                                                                                       |
| COVER CLASS (%)  | 10/30                                                                              |                                                                                     |                                                                                    | 2                                                                                     | 2-10                                                                                  |
| DOMINANT SPECIES | Melaleuca                                                                          |                                                                                     |                                                                                    | Grevillea                                                                             | Platysace comm                                                                        |
|                  | " Santalum acum                                                                    |                                                                                     |                                                                                    | Phebalium                                                                             | Rinzia                                                                                |

| GRASSES          |                                                                                     | HERBS                                                                               | SEDGES                                                                               | over 0.5m | under 0.5m                                                                            |
|------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------|---------------------------------------------------------------------------------------|
| LIFE FORM        |  |  |  |           |  |
|                  |                                                                                     |                                                                                     |                                                                                      |           |                                                                                       |
| COVER CLASS (%)  | <2                                                                                  | <2                                                                                  | 10/2/10                                                                              |           | 10/30                                                                                 |
| DOMINANT SPECIES |                                                                                     |                                                                                     | Gahnia trifida                                                                       |           | Lepidosperma                                                                          |
|                  |                                                                                     |                                                                                     |                                                                                      |           | Lang                                                                                  |

**4. VEGETATION CONDITION**

Comments

excellent

Mallee 3/4, buds red, smth - long strips

# BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

20x20

## 5. SPECIES PRESCENCE

SITE No P1 09  
Date 16-5-1999  
16-10-99

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

same

angulate  
ssp gracilar

SITE No P1 09  
Date 16-5-1999  
16-10-99

Record 01

• Column 2 plant  
• Column 3 flowering time- TICK if species flowering  
• Column 4 Identification check

| TREES |  |  |  | SHRUBS (cont.) |  |  |  | HERBS (cont.) 16/10/99                                             |  |  |  | No | FI | ID    |
|-------|--|--|--|----------------|--|--|--|--------------------------------------------------------------------|--|--|--|----|----|-------|
|       |  |  |  |                |  |  |  | X <i>Calytrix leschenaultii</i>                                    |  |  |  |    |    |       |
|       |  |  |  |                |  |  |  | X <i>Millotia tenuifolia</i>                                       |  |  |  |    |    | (VSP) |
|       |  |  |  |                |  |  |  | X <i>Dampiera tenuicaulis</i>                                      |  |  |  |    |    |       |
|       |  |  |  |                |  |  |  | X <i>Caladenia douthae</i>                                         |  |  |  |    |    |       |
|       |  |  |  |                |  |  |  | X <i>Podochilus angust</i>                                         |  |  |  |    |    |       |
|       |  |  |  |                |  |  |  | X <i>Cassia <del>acutifolia</del> colorata</i> var <i>colorata</i> |  |  |  |    |    |       |
|       |  |  |  |                |  |  |  | X <i>haenkeana stipitata</i>                                       |  |  |  |    |    |       |
|       |  |  |  |                |  |  |  | X <i>Tulipa myuros</i>                                             |  |  |  |    |    |       |
|       |  |  |  |                |  |  |  | X <i>Hypochaeris glabra</i>                                        |  |  |  |    |    | (VSP) |
|       |  |  |  |                |  |  |  | X <i>Momadenia bracteata</i>                                       |  |  |  |    |    |       |
|       |  |  |  |                |  |  |  | X <i>Thys pateranii</i>                                            |  |  |  |    |    |       |
|       |  |  |  |                |  |  |  | X <i>Pentastichis aroid</i>                                        |  |  |  |    |    |       |
|       |  |  |  |                |  |  |  | X <i>Ursimia anthem</i>                                            |  |  |  |    |    |       |
|       |  |  |  |                |  |  |  |                                                                    |  |  |  |    |    |       |
|       |  |  |  |                |  |  |  |                                                                    |  |  |  |    |    |       |
|       |  |  |  |                |  |  |  |                                                                    |  |  |  |    |    |       |
|       |  |  |  |                |  |  |  |                                                                    |  |  |  |    |    |       |
|       |  |  |  |                |  |  |  |                                                                    |  |  |  |    |    |       |
|       |  |  |  |                |  |  |  |                                                                    |  |  |  |    |    |       |
|       |  |  |  |                |  |  |  |                                                                    |  |  |  |    |    |       |
|       |  |  |  |                |  |  |  |                                                                    |  |  |  |    |    |       |
|       |  |  |  |                |  |  |  |                                                                    |  |  |  |    |    |       |
|       |  |  |  |                |  |  |  |                                                                    |  |  |  |    |    |       |
|       |  |  |  |                |  |  |  |                                                                    |  |  |  |    |    |       |
|       |  |  |  |                |  |  |  |                                                                    |  |  |  |    |    |       |
|       |  |  |  |                |  |  |  |                                                                    |  |  |  |    |    |       |
|       |  |  |  |                |  |  |  |                                                                    |  |  |  |    |    |       |
|       |  |  |  |                |  |  |  |                                                                    |  |  |  |    |    |       |
|       |  |  |  |                |  |  |  |                                                                    |  |  |  |    |    |       |
|       |  |  |  |                |  |  |  |                                                                    |  |  |  |    |    |       |
|       |  |  |  |                |  |  |  |                                                                    |  |  |  |    |    |       |
|       |  |  |  |                |  |  |  |                                                                    |  |  |  |    |    |       |
|       |  |  |  |                |  |  |  |                                                                    |  |  |  |    |    |       |
|       |  |  |  |                |  |  |  |                                                                    |  |  |  |    |    |       |
|       |  |  |  |                |  |  |  |                                                                    |  |  |  |    |    |       |
|       |  |  |  |                |  |  |  |                                                                    |  |  |  |    |    |       |
|       |  |  |  |                |  |  |  |                                                                    |  |  |  |    |    |       |
|       |  |  |  |                |  |  |  |                                                                    |  |  |  |    |    |       |
|       |  |  |  |                |  |  |  |                                                                    |  |  |  |    |    |       |
|       |  |  |  |                |  |  |  |                                                                    |  |  |  |    |    |       |
|       |  |  |  |                |  |  |  |                                                                    |  |  |  |    |    |       |
|       |  |  |  |                |  |  |  |                                                                    |  |  |  |    |    |       |
|       |  |  |  |                |  |  |  |                                                                    |  |  |  |    |    |       |
|       |  |  |  |                |  |  |  |                                                                    |  |  |  |    |    |       |
|       |  |  |  |                |  |  |  |                                                                    |  |  |  |    |    |       |
|       |  |  |  |                |  |  |  |                                                                    |  |  |  |    |    |       |
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# BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA P1 SITE NUMBER 10  
 DATE TRIP 16-5-1999 RECORDERS NG/GK  
 DATE TRIP 16-10-1999 RECORDERS AW/NG/GK  
 DATE TRIP \_\_\_\_\_ RECORDERS \_\_\_\_\_  
 BOTANIST \_\_\_\_\_

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

## 1. LOCATION of the QUADRAT

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



NORM

Road Location

LAKE MAGENTA NR

Geographic Location Latitude

NORM

S Longitude

E Altitude

Reference Map

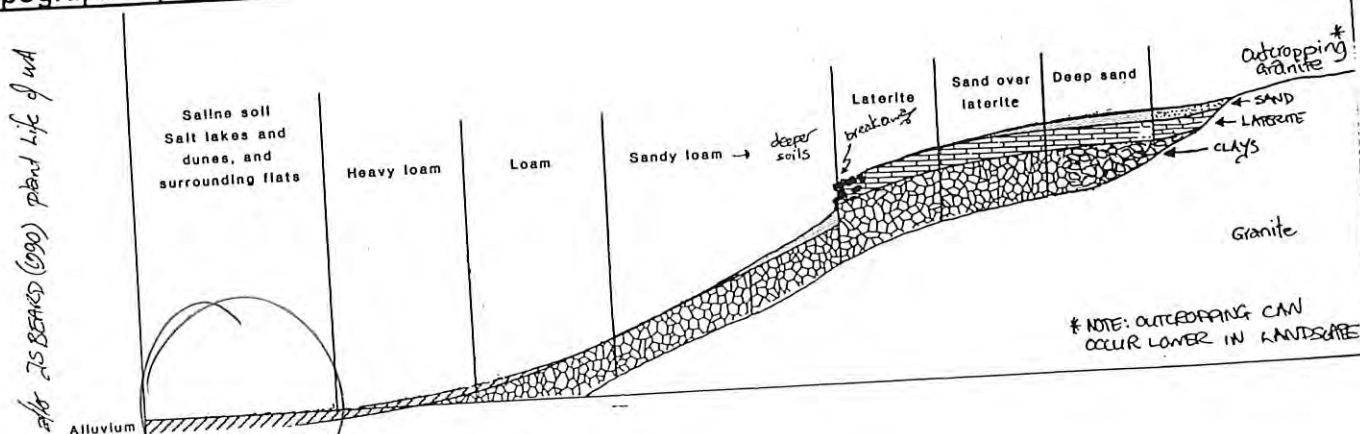
Photograph

Photographer's Name

NG

Photo No 6

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



## 2. SITE DATA Circle the correct response.

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

Surface Soil type gypsum clay % surface Colour grey

Exposed rock type clay depth to rock Colour

Sub-surface Soil type clay depth to rock

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

Litter hard, twigs, lvs % cover 70/100 Bare Ground 30 %cover

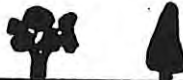
Depth 0-2-5 cm

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

## 3. VEGETATION STRUCTURE AND COVER

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

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

| TREES            |                                                                                     |                                                                                     |                                                                                      |                                                                                      |                                                                                       | MALLEES   |     |
|------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------|-----|
|                  | over 15m                                                                            | 5-15m                                                                               | under 5m                                                                             | over 8m                                                                              | under 8m                                                                              |           |     |
| LIFE FORM        |    |    |     |    |    | 30m       | 10m |
| COVER CLASS (%)  | 2-10                                                                                |                                                                                     | 2                                                                                    |                                                                                      |                                                                                       |           |     |
| DOMINANT SPECIES | <i>Euc. kondinin</i>                                                                |                                                                                     | <i>Mel. pauciflora</i>                                                               |                                                                                      |                                                                                       |           |     |
|                  |                                                                                     |                                                                                     |                                                                                      |                                                                                      |                                                                                       |           |     |
| SHRUBS           |                                                                                     |                                                                                     |                                                                                      |                                                                                      | SHRUBS                                                                                |           |     |
|                  | over 2m                                                                             | 2m - 1.5m                                                                           | 1.5 - 1m                                                                             | 1-0.5m                                                                               | under 0.5m                                                                            |           |     |
| LIFE FORM        |   |  |    |  |  | 2m        | 1m  |
| COVER CLASS (%)  |                                                                                     | 2-10                                                                                |                                                                                      |                                                                                      | 10/30                                                                                 |           |     |
| DOMINANT SPECIES |                                                                                     | <i>Lycium aust</i><br><i>Exocarpos aphyll</i>                                       |                                                                                      |                                                                                      | <i>Atriplex vesic</i><br><i>Maireana 2</i><br><i>Lantern</i>                          |           |     |
|                  |                                                                                     |                                                                                     |                                                                                      |                                                                                      |                                                                                       |           |     |
| GRASSES          |                                                                                     | HERBS                                                                               |                                                                                      | SEDGES                                                                               |                                                                                       | over 0.5m |     |
|                  |                                                                                     |                                                                                     |                                                                                      |                                                                                      |                                                                                       |           |     |
| LIFE FORM        |  |  |  |  |  | 1m        |     |
| COVER CLASS (%)  |                                                                                     |                                                                                     |                                                                                      |                                                                                      |                                                                                       |           |     |
| DOMINANT SPECIES |                                                                                     |                                                                                     |                                                                                      |                                                                                      |                                                                                       |           |     |

## 4. VEGETATION CONDITION

Comments

excellent

# BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

20x20

Mel. lanceolata

## 5. SPECIES PRESCENCE

SITE No PI 10  
Date 16-5-1999  
16-10-1999

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

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

|         |  |           |  |            |  |        |  |    |  |    |  |    |  |
|---------|--|-----------|--|------------|--|--------|--|----|--|----|--|----|--|
| SITE No |  | PI        |  | 10         |  | Record |  | No |  | FI |  | ID |  |
| Date    |  | 16-5-1999 |  | 16-10-1999 |  |        |  |    |  |    |  |    |  |
|         |  |           |  |            |  |        |  |    |  |    |  |    |  |
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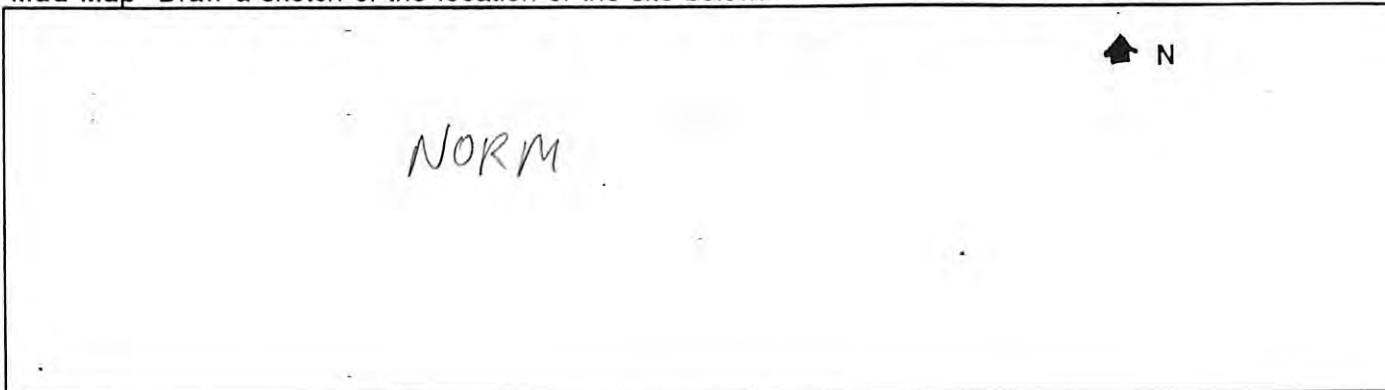
**BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only**

BUSHLAND AREA P1 SITE NUMBER 11  
 DATE TRIP 16-5-1999 RECORDERS NG/GK  
 DATE TRIP 16-10-99 RECORDERS AW/NG/GK  
 DATE TRIP \_\_\_\_\_ RECORDERS \_\_\_\_\_  
 BOTANIST \_\_\_\_\_

**1. LOCATION of the QUADRAT**

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

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



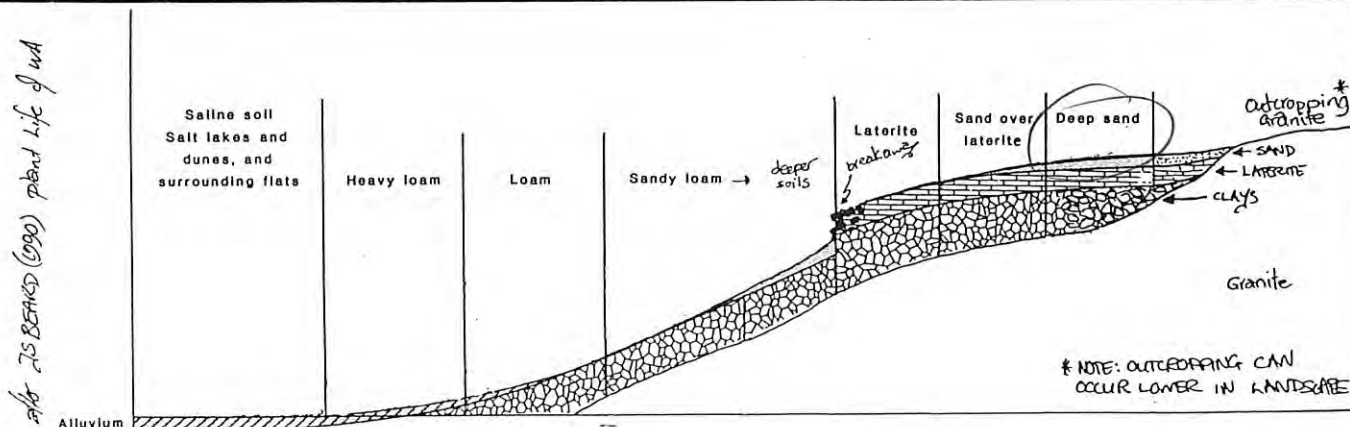
Road Location LAKE MAGENTHA N.R.

Geographic Location Latitude \_\_\_\_\_ S Longitude \_\_\_\_\_ E Altitude \_\_\_\_\_

Reference Map \_\_\_\_\_

Photograph \_\_\_\_\_ Photographer's Name NG Gibson Photo No 7

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



**2. SITE DATA** Circle the correct response.

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

Surface Soil sand Colour white

Exposed rock \_\_\_\_\_ type \_\_\_\_\_ % surface \_\_\_\_\_

Sub-surface Soil sand Colour white/creamy

Rock \_\_\_\_\_ type \_\_\_\_\_ depth to rock \_\_\_\_\_

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

Litter Wg twigs % cover 50/70 Bare Ground 30/50 % cover \_\_\_\_\_  
 Depth 2-5 cm

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

### 3. VEGETATION STRUCTURE AND COVER

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

| For each layer record - appropriate life form, cover class (see below) and dominant species in each layer |                                                                                                                                                                         |                                                                                                                                                                         |                                                                                                                                                                                                                                                                |                                                                                       |                                                                                                                                                                                                                                                                   |
|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cover Class                                                                                               |                                                                                                                                                                         | 2-10%                                                                                                                                                                   | 10-30%                                                                                                                                                                                                                                                         | 30-70%                                                                                | over 70%                                                                                                                                                                                                                                                          |
| <b>TREES</b>                                                                                              |                                                                                                                                                                         |                                                                                                                                                                         |                                                                                                                                                                                                                                                                |                                                                                       |                                                                                                                                                                                                                                                                   |
|                                                                                                           | over 15m                                                                                                                                                                | 5-15m                                                                                                                                                                   | under 5m                                                                                                                                                                                                                                                       |                                                                                       |                                                                                                                                                                                                                                                                   |
| LIFE FORM                                                                                                 |                                                                                        |                                                                                        |                                                                                              |     |                                                                                                                                                                                |
| COVER CLASS (%)                                                                                           |                                                                                                                                                                         |                                                                                                                                                                         |                                                                                                                                                                                                                                                                |                                                                                       | 2-10                                                                                                                                                                                                                                                              |
| DOMINANT SPECIES                                                                                          |                                                                                                                                                                         |                                                                                                                                                                         |                                                                                                                                                                                                                                                                |                                                                                       | Eucalyptus                                                                                                                                                                                                                                                        |
| <b>MALLEES</b>                                                                                            |                                                                                                                                                                         |                                                                                                                                                                         |                                                                                                                                                                                                                                                                |                                                                                       |                                                                                                                                                                                                                                                                   |
|                                                                                                           | over 8m                                                                                                                                                                 |                                                                                                                                                                         |                                                                                                                                                                                                                                                                | under 8m                                                                              |                                                                                                                                                                                                                                                                   |
| LIFE FORM                                                                                                 |                                                                                                                                                                         |                                                                                                                                                                         |                                                                                                                                                                                                                                                                |                                                                                       |                                                                                                                                                                                                                                                                   |
| COVER CLASS (%)                                                                                           |                                                                                                                                                                         |                                                                                                                                                                         |                                                                                                                                                                                                                                                                |                                                                                       |                                                                                                                                                                                                                                                                   |
| DOMINANT SPECIES                                                                                          |                                                                                                                                                                         |                                                                                                                                                                         |                                                                                                                                                                                                                                                                |                                                                                       |                                                                                                                                                                                                                                                                   |
| <b>SHRUBS</b>                                                                                             |                                                                                                                                                                         |                                                                                                                                                                         |                                                                                                                                                                                                                                                                |                                                                                       |                                                                                                                                                                                                                                                                   |
|                                                                                                           | over 2m                                                                                                                                                                 | 2m - 1.5m                                                                                                                                                               | 1.5 - 1m                                                                                                                                                                                                                                                       | 1 - 0.5m                                                                              | under 0.5m                                                                                                                                                                                                                                                        |
| LIFE FORM                                                                                                 |   |                                                                                      |                                                                                                                                                                             |  |                                                                                                                                                                              |
| COVER CLASS (%)                                                                                           | 2-10                                                                                                                                                                    |                                                                                                                                                                         |                                                                                                                                                                                                                                                                |                                                                                       | 30/70                                                                                                                                                                                                                                                             |
| DOMINANT SPECIES                                                                                          | Banksia media                                                                                                                                                           |                                                                                                                                                                         |                                                                                                                                                                                                                                                                |                                                                                       | Beaufortia<br>Hakea<br>Isopogon bux                                                                                                                                                                                                                               |
| <b>GRASSES</b>                                                                                            |                                                                                                                                                                         |                                                                                                                                                                         |                                                                                                                                                                                                                                                                |                                                                                       |                                                                                                                                                                                                                                                                   |
|                                                                                                           |                                                                                                                                                                         |                                                                                                                                                                         |                                                                                                                                                                                                                                                                | over 0.5m                                                                             | under 0.5m                                                                                                                                                                                                                                                        |
| LIFE FORM                                                                                                 |   |   |    |                                                                                       |    |
| COVER CLASS (%)                                                                                           | L2                                                                                                                                                                      | L2                                                                                                                                                                      |                                                                                                                                                                                                                                                                |                                                                                       | 3/10                                                                                                                                                                                                                                                              |
| DOMINANT SPECIES                                                                                          |                                                                                                                                                                         | Amphipogon                                                                                                                                                              |                                                                                                                                                                                                                                                                |                                                                                       | Gahnia                                                                                                                                                                                                                                                            |

#### 4. VEGETATION CONDITION

**Comments** many shrubs dead

malte 3m

20720

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  
Euc. pileata  
? capitosa

smith jay  
large ships  
both.

[illegible]

BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA P1 SITE NUMBER 12  
 DATE TRIP 16-5-1999 RECORDERS NG/GK  
 DATE TRIP 16-10-1999 RECORDERS AW/GK/NG  
 DATE TRIP \_\_\_\_\_ RECORDERS \_\_\_\_\_  
 BOTANIST \_\_\_\_\_

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

1. LOCATION of the QUADRAT

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



NORM

Road Location

LAKE MAGENTA NR

Geographic Location Latitude NORM S Longitude \_\_\_\_\_ E Altitude \_\_\_\_\_

Reference Map

Photograph

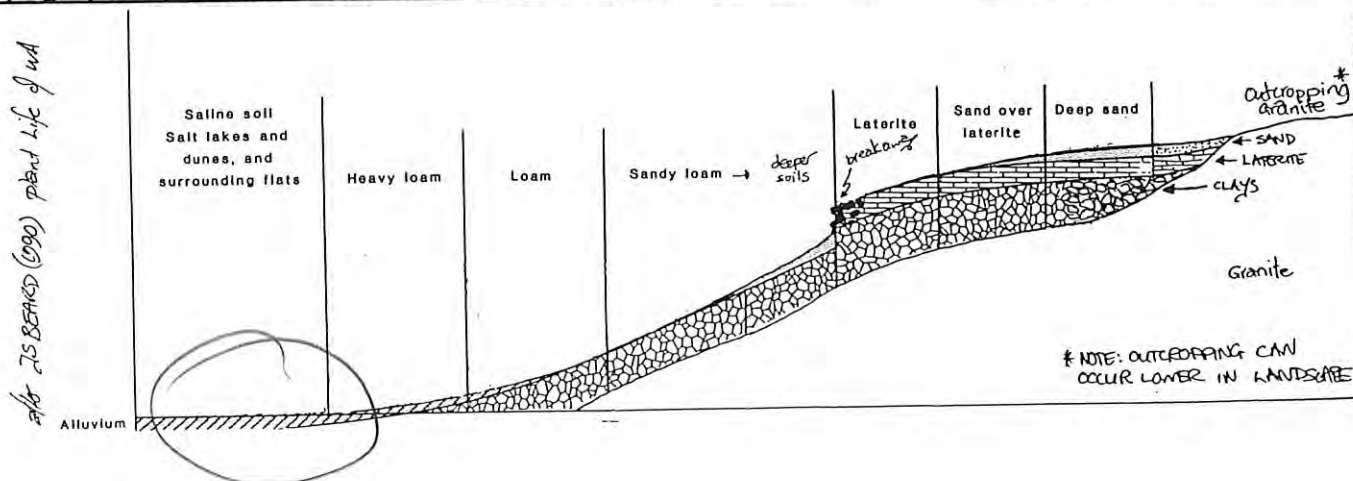
Photographer's Name

NG

Photo No

5

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



2. SITE DATA Circle the correct response.

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

Surface Soil clay Colour white  
 Exposed rock type \_\_\_\_\_ % surface \_\_\_\_\_

Sub-surface Soil clay - rocks Colour \_\_\_\_\_  
 Rock type ironstone depth to rock \_\_\_\_\_

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

Litter Wg, twigs, stems % cover 90 Bare Ground 10 %cover \_\_\_\_\_  
 Depth 2-5 cm

excellent

**BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only**

20x20

same

### 5. SPECIES PRESCENCE

**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*

SITE No P1, 12  
15-1-1999

Date 16 / 5 / 1997

16-10-99

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

[illegible]

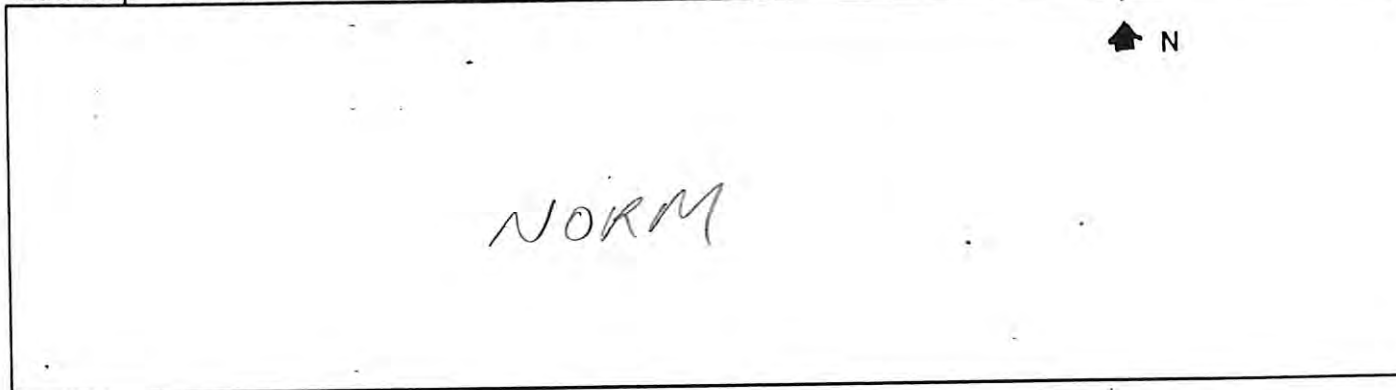
# BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA P1 SITE NUMBER 13  
 DATE TRIP 16-5-1999 RECORDERS NG/GK  
 DATE TRIP 16-10-1999 RECORDERS AW/NG/GK  
 DATE TRIP \_\_\_\_\_ RECORDERS \_\_\_\_\_  
 BOTANIST \_\_\_\_\_

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

## 1. LOCATION of the QUADRAT

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



Road Location

NORM

Geographic Location Latitude

S Longitude

E Altitude

Reference Map

Photograph

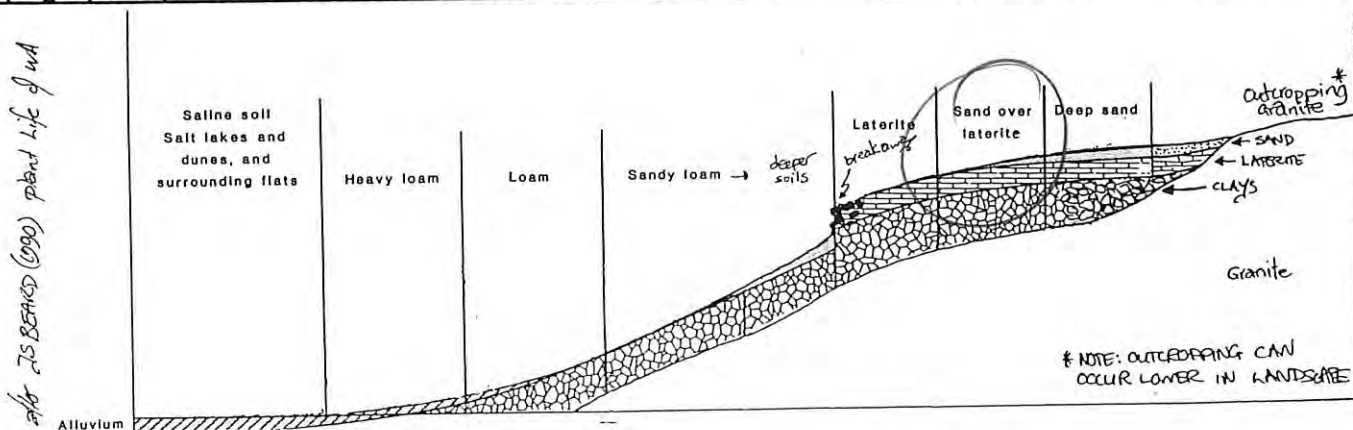
Photographer's Name

NG

Photo No

4

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



## 2. SITE DATA Circle the correct response.

|                  |                         |        |         |              |               |              |            |    |               |    |   |    |
|------------------|-------------------------|--------|---------|--------------|---------------|--------------|------------|----|---------------|----|---|----|
| Slope            | <u>flat</u>             | gentle | steep   | Aspect       | N             | NE           | E          | SE | S             | SW | W | NW |
| Surface Soil     | <u>sand</u>             |        |         |              | Colour        | <u>white</u> |            |    |               |    |   |    |
| Exposed rock     | type                    |        |         |              | % surface     |              |            |    |               |    |   |    |
| Sub-surface Soil | <u>sand / laterite</u>  |        |         |              | Colour        | <u>white</u> |            |    |               |    |   |    |
| Rock             | type                    |        |         |              | depth to rock |              |            |    |               |    |   |    |
| Drainage         | <u>well</u>             | mod    | poor    | depth water  | cm            | Wet          | all year   |    | winter/spring |    |   |    |
| Litter           | <u>1/4 twigs, stems</u> |        | % cover | <u>30/50</u> |               | Bare Ground  | <u>30%</u> |    | %cover        |    |   |    |
|                  | Depth <u>2-5</u> cm     |        |         |              |               |              |            |    |               |    |   |    |

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

### 3. VEGETATION STRUCTURE AND COVER

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

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

| TREES            |                                                                                                                                                                         |                                                                                                                                                                         |                                                                                                                                                                          | MALLEES                                                                                                                                                                     |                                                                                       |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                  | over 15m                                                                                                                                                                | 5-15m                                                                                                                                                                   | under 5m                                                                                                                                                                 | over 8m                                                                                                                                                                     | under 8m                                                                              |
| LIFE FORM        |                                                                                        |                                                                                        |        |                                                                                           |    |
| COVER CLASS (%)  |                                                                                                                                                                         |                                                                                                                                                                         |                                                                                                                                                                          |                                                                                                                                                                             | 2-10                                                                                  |
| DOMINANT SPECIES |                                                                                                                                                                         |                                                                                                                                                                         |                                                                                                                                                                          |                                                                                                                                                                             | <i>Euc. cremonophila</i><br><i>E. pileolata</i><br><i>E. tetragona</i>                |
| SHRUBS           |                                                                                                                                                                         |                                                                                                                                                                         |                                                                                                                                                                          | SHRUBS                                                                                                                                                                      |                                                                                       |
|                  | over 2m                                                                                                                                                                 | 2m - 1.5m                                                                                                                                                               | 1.5 - 1m                                                                                                                                                                 | 1 - 0.5m                                                                                                                                                                    | under 0.5m                                                                            |
| LIFE FORM        |   |                                                                                      |                                                                                       |                                                                                        |  |
| COVER CLASS (%)  | 2-10                                                                                                                                                                    | 2                                                                                                                                                                       |                                                                                                                                                                          |                                                                                                                                                                             | 10/30                                                                                 |
| DOMINANT SPECIES | <i>Hakea</i><br><i>Banksia caleyi</i><br><i>Hakea</i>                                                                                                                   | <i>Xanthorrhoea</i>                                                                                                                                                     |                                                                                                                                                                          |                                                                                                                                                                             | <i>Conostephium</i><br><i>Beaufortia</i><br><i>Erem. paucifl.</i>                     |
| GRASSES          |                                                                                                                                                                         | HERBS                                                                                                                                                                   | SEDGES                                                                                                                                                                   | over 0.5m                                                                                                                                                                   |                                                                                       |
| LIFE FORM        |   |   |   |   |                                                                                       |
| COVER CLASS (%)  | <2                                                                                                                                                                      | <2                                                                                                                                                                      |                                                                                                                                                                          | 10/30                                                                                                                                                                       |                                                                                       |
| DOMINANT SPECIES |                                                                                                                                                                         |                                                                                                                                                                         |                                                                                                                                                                          | <i>Lepidosperma</i><br><i>Restioid</i><br><i>Schoenus</i>                                                                                                                   |                                                                                       |

#### 4. VEGETATION CONDITION

### Comments

excellent

20x26

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

5. SPECIES PRESCENCE

SITE No P1 13

DATE 16-5-1999

Date 16 - 10 - 1999

Label each plant with plants number, site  
Record on Sheet

- Column 1 plant name
- Column 2 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

PI 13

Date

16-5-1999

16-10-1999

Record on Sheet

Column 2

plant name

Column 3

flowering time- TICK if species flowering

Column 4

identification check

TREES

No

FI

ID

Euc. ~~sp~~ ~~flor~~ 16/10/99

MALLEES

Euc. tetragona

" plicata phaeo

" Eremophila androsa

Euc. ~~androsa~~ = ~~androsa~~

SHRUBS

Hakea corymbosa

Eremophila pauciflora

Callitriche laevis (vsn)

Styphelia tenuiflora

Styphelia ~~tenuiflora~~ melaleucoides (vsn)

Xanthorrhoea platyphylla

Banksia violacea

Banksia gordonii

" ~~gordonii~~ ~~gordonii~~

Hakea ~~gordonii~~ ~~gordonii~~

" ~~gordonii~~ ~~gordonii~~

" ~~gordonii~~ ~~gordonii~~

Isopogon buxif

Dryandra xylothemelia (vsn)

Baerkea preissiana

Baerkea ~~preissiana~~ ~~preissiana~~

Isopogon triloba

Xylinema ciliatum

Chilothamnus ~~gordonii~~ ~~gordonii~~

SHRUBS (cont.)

No

FI

ID

Agonis ~~obtus~~ spathulata var spathul

Dryandra calophylla

Synaphala

Petrophile media

Eremophila pauciflora

Melaleuca ~~pauciflora~~ societalis

Hakea candoll

Petrophile

GRASSES

Mel. rigidifolia

Amphipogon turbin

~~Melaleuca~~ ~~undulata~~

HERBS

Calcectasia grandiflora

Chamaecera

Conostylis

Caesia

~~micrantha~~

HERBS (cont.)

No

FI

ID

Cassytha

Isopogon teretifol

15-10-1999

X Neurachne alopecuroid

X Lobelia albosa

X Cacia pyrocephala

X Conostaphium roei (vsn)

X Drosera (pygmaea)

X Harpura lateriflora

X ~~Chorisophora~~ sphaerocarpa

X Stachysmon palyandrus

X Dryandra pteridifolia ssp pteridif

SEDGES

Desmodium asper

Schizanthus sp (chad. stone)

Mesomelaena preissii

Lepidosperma

16/10/1999 Verticordia grandiflora (vsn)

X Verticordia humilis

X " subulata

X Allocas corniculata

X Leucopogon sp sterile

X Brunonia ~~gordonii~~ ~~gordonii~~

X Stylidium preissii

X " piliferum

X Hakea lehmanniana

X Logania micrantha

X Latoma hypocist

X Hibbertia ~~preissiana~~ ~~preissiana~~

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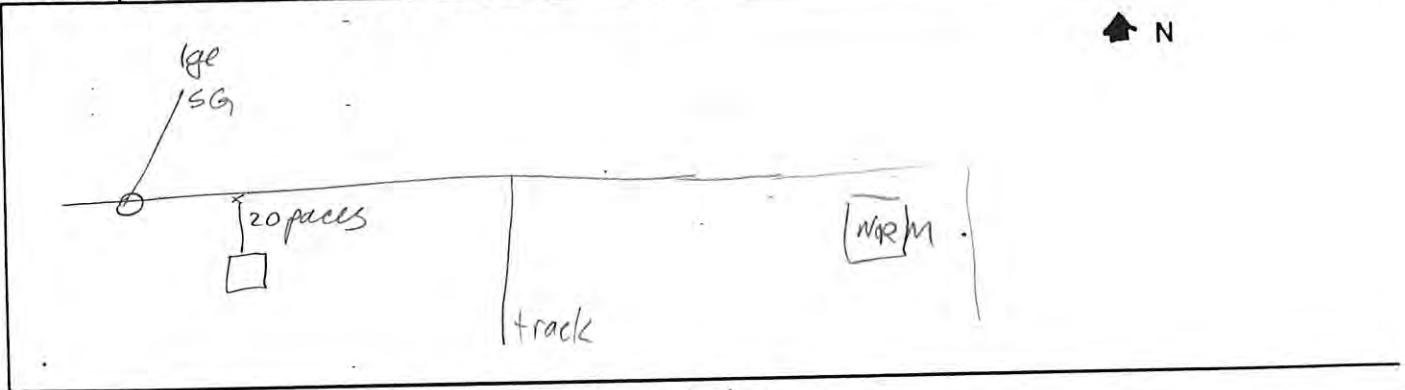
# BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA P1 SITE NUMBER 14  
 DATE TRIP 15/5/1999 RECORDERS NG/GK  
 DATE TRIP 15-10-99 RECORDERS AW/NG/GK  
 DATE TRIP \_\_\_\_\_ RECORDERS \_\_\_\_\_  
 BOTANIST \_\_\_\_\_

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

## 1. LOCATION of the QUADRAT

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



Road Location

Silver Wattle Hill NR.

Geographic Location Latitude 33 09 35.7 S Longitude 118 48 07.0 E Altitude 2.4

Reference Map

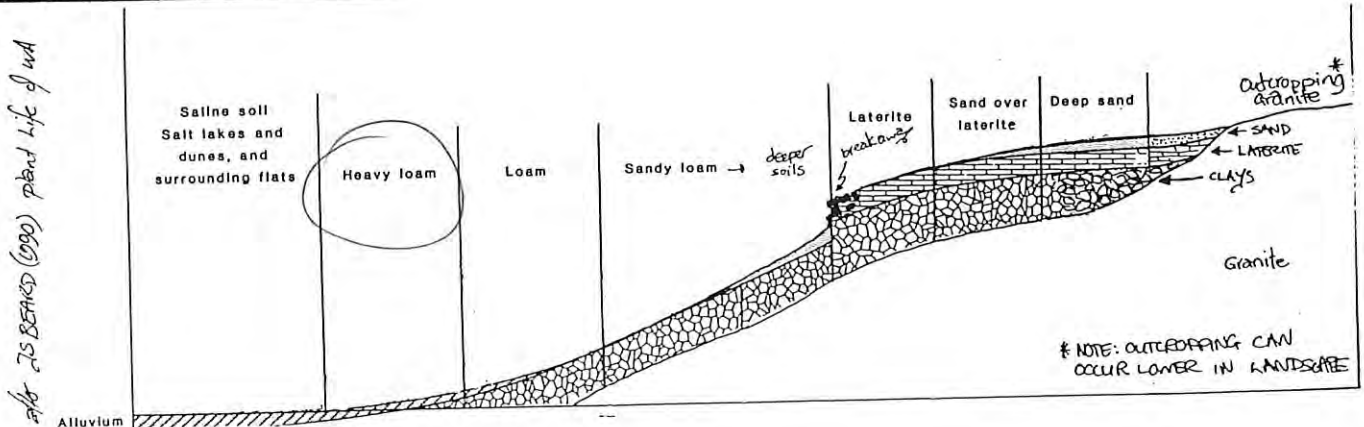
Photograph

Photographer's Name

NG

Photo No 36

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



## 2. SITE DATA Circle the correct response.

|                  |                          |             |                               |
|------------------|--------------------------|-------------|-------------------------------|
| Slope            | <u>flat</u> gentle steep | Aspect      | N NE E SE S SW W NW           |
| Surface Soil     | <u>loam</u>              | Colour      | <u>brown</u>                  |
| Exposed rock     | type <u>lo</u> % surface |             |                               |
| Sub-surface Soil | <u>clay</u>              | Colour      | <u>brown</u>                  |
| Rock             | type depth to rock       |             |                               |
| Drainage         | well <u>mod</u> poor     | depth water | cm Wet all year winter/spring |
| Litter           | <u>lvs bark, logs</u>    | % cover     | <u>70/90</u>                  |
| Depth            | <u>2-3</u> cm            | Bare Ground | <u>10</u> %cover              |

**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 (%)                                                                     | 8 > 70                                                                              |                                                                                     |                                                                                       |                                                                                       |  |
| DOMINANT SPECIES                                                                    | Euc. salubris                                                                       |                                                                                     |                                                                                       |                                                                                       |  |
| 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 I                                                                         |                                                                                     |                                                                                       |                                                                                       |  |
|                                                                                     | " II                                                                                |                                                                                     |                                                                                       |                                                                                       |  |
| GRASSES                                                                             |                                                                                     | HERBS                                                                               | SEDGES                                                                                | over 0.5m                                                                             |  |
|  |                                                                                     |  |   |  |  |
| LIFE FORM                                                                           |                                                                                     |                                                                                     |                                                                                       |                                                                                       |  |
| COVER CLASS (%)                                                                     | L2                                                                                  | L2                                                                                  |                                                                                       |                                                                                       |  |
| DOMINANT SPECIES                                                                    |                                                                                     |                                                                                     |                                                                                       |                                                                                       |  |

#### 4. VEGETATION CONDITION

### Comments

excellent

20x20

**BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only**

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

Column 1 plant name

Record on Sheet

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

same

|                 |  |  |  | ● Column 4 Identification check |  |  |  |               |  |  |  |    |    |    |
|-----------------|--|--|--|---------------------------------|--|--|--|---------------|--|--|--|----|----|----|
| TREES           |  |  |  | SHRUBS (cont.)                  |  |  |  | HERBS (cont.) |  |  |  | No | FI | ID |
| Euc. Salubris ✓ |  |  |  |                                 |  |  |  | 15-10-1999    |  |  |  |    |    |    |
|                 |  |  |  |                                 |  |  |  |               |  |  |  |    |    |    |
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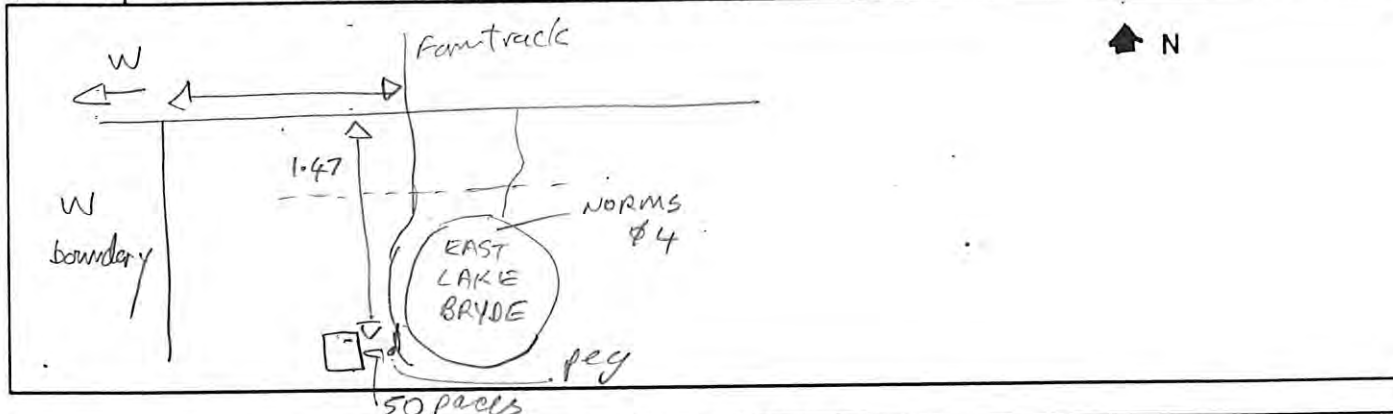
# BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA P1 SITE NUMBER 15  
 DATE TRIP 15-5-1999 RECORDERS NG/GK  
 DATE TRIP 15-10-1999 RECORDERS AW/NG/GK  
 DATE TRIP \_\_\_\_\_ RECORDERS \_\_\_\_\_  
 BOTANIST \_\_\_\_\_

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

## 1. LOCATION of the QUADRAT

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



Road Location EAST LAKE BRYDE

59.3

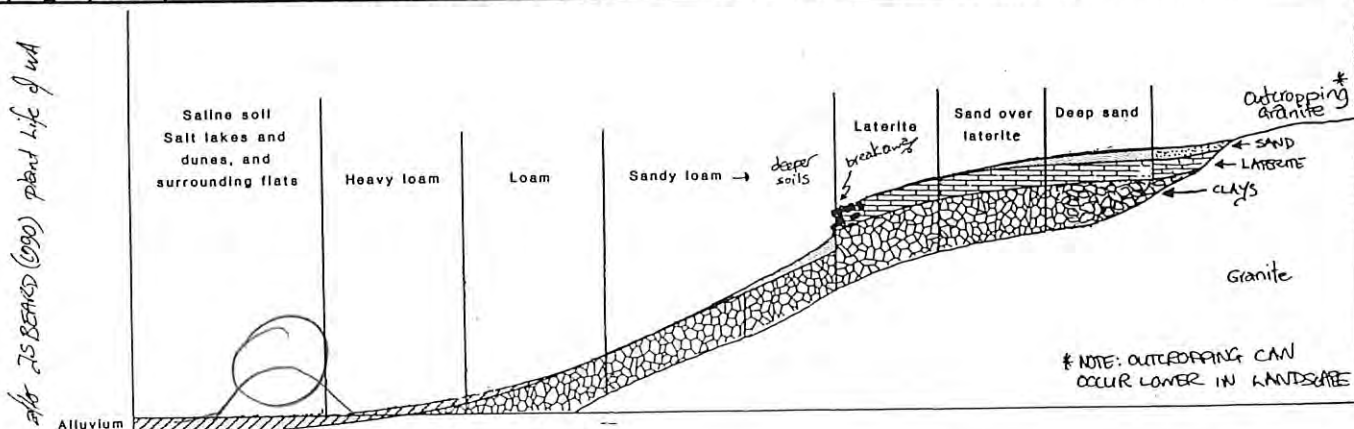
Geographic Location Latitude 33 21 46.8 S Longitude 118 53 57 E Altitude

Reference Map

Photograph Photographer's Name NG

Photo No 2

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



## 2. SITE DATA Circle the correct response.

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

Surface Soil sandy loam Colour brown

Exposed rock type \_\_\_\_\_ % surface \_\_\_\_\_

Sub-surface Soil clay Colour brown

Rock type \_\_\_\_\_ depth to rock \_\_\_\_\_

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

Litter herb, lvs, twigs % cover 50/70 Bare Ground 30/30 % cover

Depth 20-10 cm

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

## 3. VEGETATION STRUCTURE AND COVER

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

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

| TREES            |                                                                                     |                                                                                     | MALLEES                                                                              |                                                                                       |                                                                                       |
|------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                  | over 15m                                                                            | 5-15m                                                                               | under 5m                                                                             | over 8m                                                                               | under 8m                                                                              |
| LIFE FORM        |    |    |     |     |    |
| COVER CLASS (%)  | 2-10                                                                                |                                                                                     |                                                                                      |                                                                                       |                                                                                       |
| DOMINANT SPECIES | <i>Euc. Salmonop</i>                                                                |                                                                                     |                                                                                      |                                                                                       |                                                                                       |
| SHRUBS           |                                                                                     |                                                                                     | SHRUBS                                                                               |                                                                                       |                                                                                       |
|                  | over 2m                                                                             | 2m - 1.5m                                                                           | 1.5 - 1m                                                                             | 1 - 0.5m                                                                              | under 0.5m                                                                            |
| LIFE FORM        |   |  |    |  |  |
| COVER CLASS (%)  | 2                                                                                   |                                                                                     | 2-10                                                                                 |                                                                                       | 2-10                                                                                  |
| DOMINANT SPECIES | <i>Melaleuca acum</i>                                                               |                                                                                     | <i>Santal. acum</i><br><i>Hakea lssoc</i>                                            |                                                                                       | <i>Oleoria axill</i><br><i>Templetonia sulc</i><br><i>Wettringia rigid</i>            |
| GRASSES          |                                                                                     | HERBS                                                                               | SEDGES                                                                               | over 0.5m                                                                             |                                                                                       |
| LIFE FORM        |  |  |  |  |                                                                                       |
| COVER CLASS (%)  | < 2                                                                                 | < 2                                                                                 |                                                                                      | 2/10/30                                                                               |                                                                                       |
| DOMINANT SPECIES |                                                                                     |                                                                                     |                                                                                      | <i>Lepidosperma ang</i><br>" <i>visc</i><br><i>Lohnia</i>                             |                                                                                       |

## 4. VEGETATION CONDITION

Comments

excellent

# BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

20 x 20

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

same

## 5. SPECIES PRESCENCE

SITE No P1 15  
Date 15-5-1999  
15-10-1999

Record on Sheet

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

### TREES

Euc. salmonophloia

### MALLEES

Euc. conglomerata  
phenex

### SHRUBS

Santalum acumin  
Hakea lissocarpa  
Oleora axillaris  
Templetonia sulcata  
Westringia naida  
Dodonaea obscuri  
Melaleuca acuminata  
" lateriflora  
Acacia lasiocarpa

### SHRUBS (cont.)

### GRASSES

Nerachne alopec  
Stipa elegantiss  
Stipa hemipogon (VSP)

### HERBS

Lomandra micrantha teret  
" effusa  
Dianella revol

### HERBS (cont.)

15/10/1999  
X Lanthonia  
X Stipa trichophylla  
X ~~Waltzia~~  
X Hypochaeris glabra  
X Crassula  
X Waltzia acumin  
X Stipa (lge)  
X Ursinia anthem  
X Khaadla preissii  
X Millettia  
X Pentaschistis aroid  
X Helichrysum leucopsid

### SEDGES

Lachnia anisotylle  
Lepidosperma ~~use~~ brunneum  
" pruinosa (VSP)  
Desmodadus asper

15/10/99  
X Thysanot paters

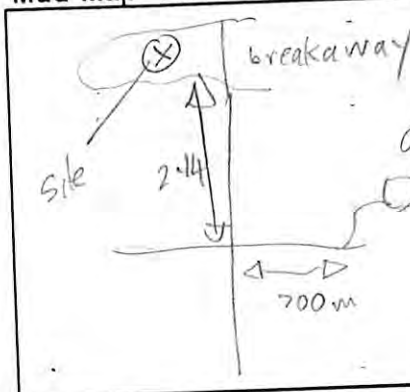
# BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA P.1 SITE NUMBER 16  
 DATE TRIP 16-5-1999 RECORDERS NG/GK  
 DATE TRIP 16-10-1999 RECORDERS \_\_\_\_\_  
 DATE TRIP \_\_\_\_\_ RECORDERS \_\_\_\_\_  
 BOTANIST \_\_\_\_\_

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

## 1. LOCATION of the QUADRAT

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



Road Location

LAKE - MAGENTA NR

Geographic Location Latitude 33 28. 33.8 S Longitude 119 04 43.8 E Altitude 2.1

Reference Map

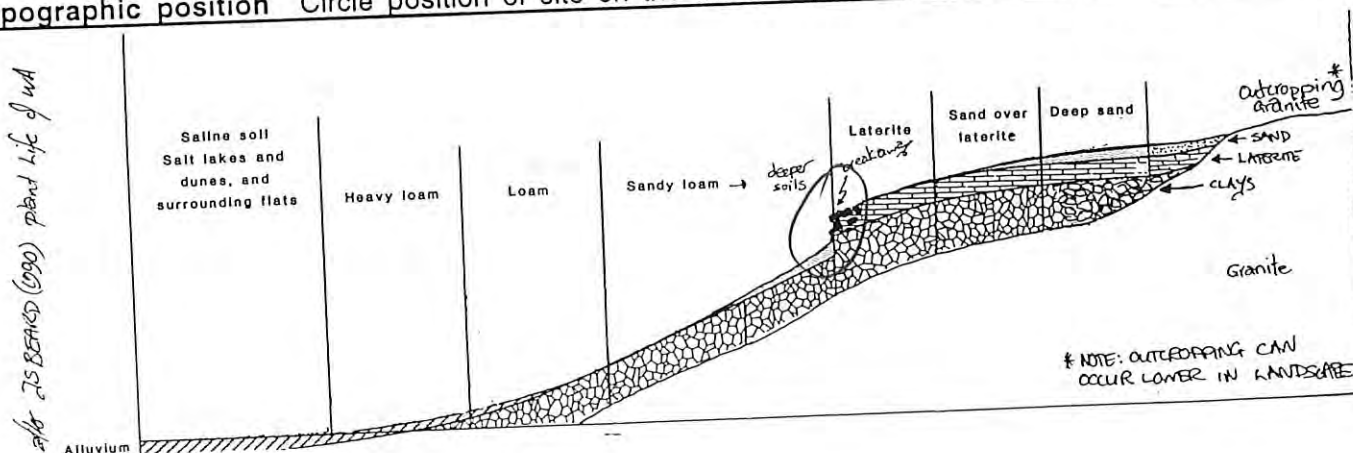
Photograph

Photographer's Name

NG

Photo No 10

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



## 2. SITE DATA Circle the correct response.

|                  |                     |               |       |               |              |     |          |               |           |    |         |    |
|------------------|---------------------|---------------|-------|---------------|--------------|-----|----------|---------------|-----------|----|---------|----|
| Slope            | flat                | <u>gentle</u> | steep | Aspect        | N            | NE  | <u>E</u> | SE            | S         | SW | W       | NW |
| Surface Soil     | <u>clay</u>         |               |       | Colour        | <u>white</u> |     |          |               |           |    |         |    |
| Exposed rock     | type                |               |       | % surface     |              |     |          |               |           |    |         |    |
| Sub-surface Soil | <u>clay</u>         |               |       | Colour        |              |     |          |               |           |    |         |    |
| Rock             | type <u>granite</u> |               |       | depth to rock |              |     |          |               |           |    |         |    |
| Drainage         | well                | <u>mod</u>    | poor  | depth water   | cm           | Wet | all year | winter/spring |           |    |         |    |
| Litter           | <u>10g, twigs</u>   |               |       | % cover       | <u>30/50</u> |     |          | Bare Ground   | <u>50</u> |    | % cover |    |
|                  | Depth <u>2-10</u>   |               |       | cm            |              |     |          |               |           |    |         |    |



# BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

20x20

plant's name or working name if required  
same

## 5. SPECIES PRESCENCE

SITE No PI 16  
Date 16-5-1999  
16-10-1999

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

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

| TREES                                             |    |    |  | SHRUBS (cont.)     |    |    |  | HERBS (cont.) |    |    |  |
|---------------------------------------------------|----|----|--|--------------------|----|----|--|---------------|----|----|--|
| No                                                | FI | ID |  | No                 | FI | ID |  | No            | FI | ID |  |
| MALLEES                                           |    |    |  | GRASSES            |    |    |  | SEDGES        |    |    |  |
|                                                   |    |    |  |                    |    |    |  |               |    |    |  |
|                                                   |    |    |  |                    |    |    |  |               |    |    |  |
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| SHRUBS                                            |    |    |  | HERBS              |    |    |  |               |    |    |  |
|                                                   |    |    |  |                    |    |    |  |               |    |    |  |
|                                                   |    |    |  |                    |    |    |  |               |    |    |  |
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| Hakea laurina                                     |    |    |  | Lomandra micrantha |    |    |  |               |    |    |  |
| Persoonia teretifolia (VSP)                       |    |    |  |                    |    |    |  |               |    |    |  |
| Acacia                                            |    |    |  |                    |    |    |  |               |    |    |  |
| Gastrolobium parviflorum (VSP) - hairy long calyx |    |    |  |                    |    |    |  |               |    |    |  |
| Isopogon petiolaris                               |    |    |  |                    |    |    |  |               |    |    |  |
| Melaleuca rigidifolia (VSP)                       |    |    |  |                    |    |    |  |               |    |    |  |
| Darwinia inconspicua (VSP)                        |    |    |  |                    |    |    |  |               |    |    |  |
| Hakea horrida (VSP)                               |    |    |  |                    |    |    |  |               |    |    |  |
| Leucopogon fimbriatilis                           |    |    |  |                    |    |    |  |               |    |    |  |
| Allocasuarina microstachya                        |    |    |  |                    |    |    |  |               |    |    |  |
| Comesperma integrum                               |    |    |  |                    |    |    |  |               |    |    |  |
| Beaufortia schaueri                               |    |    |  |                    |    |    |  |               |    |    |  |
| Baerkea cognatophylla                             |    |    |  |                    |    |    |  |               |    |    |  |
| Isopogon teretifolius                             |    |    |  |                    |    |    |  |               |    |    |  |
| Beaufortia                                        |    |    |  |                    |    |    |  |               |    |    |  |
| Baerkea                                           |    |    |  |                    |    |    |  |               |    |    |  |
| Agonis obtusa spiculata (VSP)                     |    |    |  |                    |    |    |  |               |    |    |  |
| Daviesia decurva                                  |    |    |  |                    |    |    |  |               |    |    |  |
| Callitris brownii (VSP)                           |    |    |  |                    |    |    |  |               |    |    |  |
| Phellodendron ambiguum 16/10 (VSP)                |    |    |  |                    |    |    |  |               |    |    |  |

ADD - Euc. melanophylla - tree coppery bark + black stocking (VSP)

# BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA P1 SITE NUMBER 17  
 DATE TRIP 16-5-1999 RECORDERS NG/GK  
 DATE TRIP 16-10-99 RECORDERS AW/-  
 DATE TRIP \_\_\_\_\_ RECORDERS \_\_\_\_\_  
 BOTANIST \_\_\_\_\_

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

## 1. LOCATION of the QUADRAT

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



NORM

Road Location

NORM LAKE M. NIR

Geographic Location Latitude NORM S Longitude 119° 03' 10.0" E Altitude

Reference Map

33° 27' 59.5"

119° 03' 10.0"

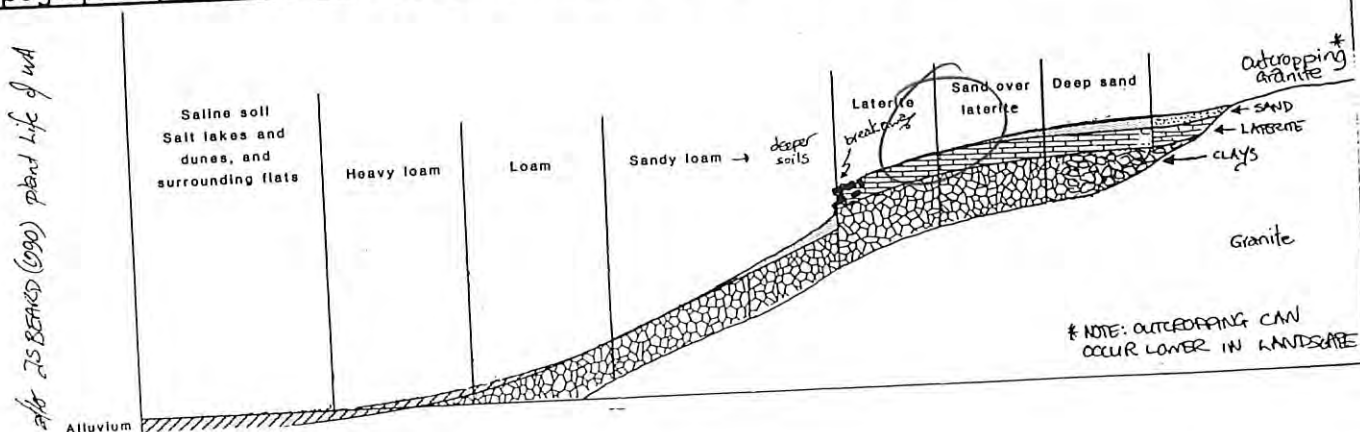
Photo No 12

Photograph

Photographer's Name

NG

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



## 2. SITE DATA Circle the correct response.

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

Surface Soil sand Colour yellow  
 Exposed rock type % surface

Sub-surface Soil laterite Colour laterite  
 Rock type depth to rock 10/13cm

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

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

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

**3. VEGETATION STRUCTURE AND COVER**

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

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

| TREES            |                                                                                     |                                                                                     | MALLEES                                                                              |                                                                                                                   |                                                                                       |
|------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                  | over 15m                                                                            | 5-15m                                                                               | under 5m                                                                             | over 8m                                                                                                           | under 8m                                                                              |
| LIFE FORM        |    |    |     |                                 |    |
| COVER CLASS (%)  |                                                                                     |                                                                                     |                                                                                      |                                                                                                                   | 2-10                                                                                  |
| DOMINANT SPECIES |                                                                                     |                                                                                     |                                                                                      |                                                                                                                   | <i>Euc. tetragona</i>                                                                 |
| SHRUBS           |                                                                                     |                                                                                     | SHRUBS                                                                               |                                                                                                                   |                                                                                       |
|                  | over 2m                                                                             | 2m - 1.5m                                                                           | 1.5 - 1m                                                                             | 1-0.5m                                                                                                            | under 0.5m                                                                            |
| LIFE FORM        |   |   |   |                               |  |
| COVER CLASS (%)  |                                                                                     |                                                                                     |                                                                                      | 30/70                                                                                                             | 2-10                                                                                  |
| DOMINANT SPECIES |                                                                                     |                                                                                     |                                                                                      | <i>Banks. laweri</i><br><i>Agonis obt</i><br><i>Xanthorrhoea</i><br><i>Alloc. pinaster</i><br><i>Mel. pungens</i> | <i>Dryandra cataphracta</i><br><i>Dryandra quercifolia</i><br><i>Daviesia</i>         |
| GRASSES          |                                                                                     | HERBS                                                                               |                                                                                      | SEDGES                                                                                                            |                                                                                       |
|                  | over 0.5m                                                                           |                                                                                     |                                                                                      | over 0.5m                                                                                                         | under 0.5m                                                                            |
| LIFE FORM        |  |  |  |                              |                                                                                       |
| COVER CLASS (%)  | <2                                                                                  | <2                                                                                  |                                                                                      |                                                                                                                   | <2-10                                                                                 |
| DOMINANT SPECIES |                                                                                     |                                                                                     |                                                                                      |                                                                                                                   | <i>Lepidosperma glaberrima</i>                                                        |

**4. VEGETATION CONDITION**

Comments

excellent  
burnt ca 10yrs ago

**BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only**

$$\underline{20 \times 20}$$

5. SPECIES PRESCENCE

SITE No P1 17

Date 16-5-1999

Date 16-10-1999

**BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only**

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

Record on Sheet

- Column 1 plant name
- Column 2 plant number

if species flowering

*same*

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

[illegible]

*Leucotoxa crassifolia* 16/5/99.

**BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only**

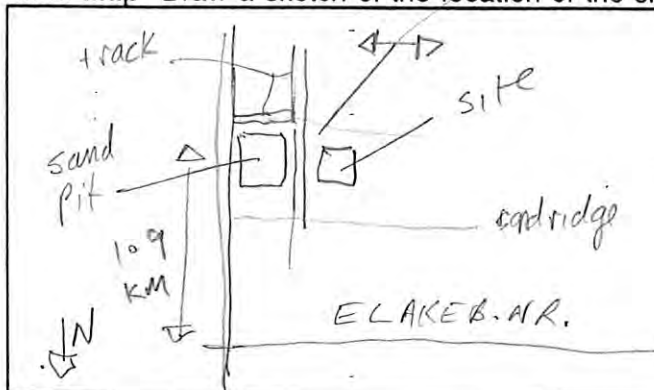
BUSHLAND AREA P1 SITE NUMBER 18  
 DATE TRIP 17-5-1999 RECORDERS NG/GK  
 DATE TRIP 15-10-1999 RECORDERS AN/NG/GK  
 DATE TRIP \_\_\_\_\_ RECORDERS \_\_\_\_\_  
 BOTANIST \_\_\_\_\_

**1. LOCATION of the QUADRAT**

*10 pages*

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

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

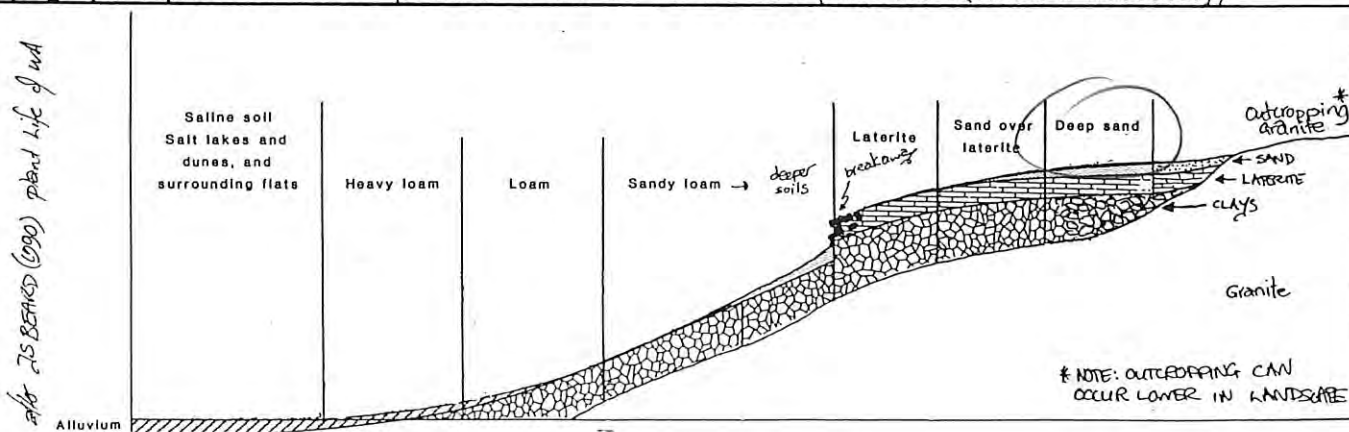


**Road Location** EAST LAKE BRYDE NR

**Geographic Location** Latitude 33 22 01.6 S Longitude 118 56 02.7 E Altitude \_\_\_\_\_  
 Reference Map \_\_\_\_\_

**Photograph** Photographer's Name \_\_\_\_\_ Photo No \_\_\_\_\_

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



**2. SITE DATA** Circle the correct response.

|                  |                          |        |       |             |               |               |          |             |               |    |        |    |
|------------------|--------------------------|--------|-------|-------------|---------------|---------------|----------|-------------|---------------|----|--------|----|
| Slope            | <u>flat</u>              | gentle | steep | Aspect      | N             | NE            | E        | SE          | S             | SW | W      | NW |
| Surface Soil     | <u>sand</u>              |        |       |             | Colour        | <u>yellow</u> |          |             |               |    |        |    |
| Exposed rock     | type                     |        |       |             | % surface     |               |          |             |               |    |        |    |
| Sub-surface Soil | <u>sand</u>              |        |       |             | Colour        | <u>yellow</u> |          |             |               |    |        |    |
| Rock             | type                     |        |       |             | depth to rock | <u>&gt;5m</u> |          |             |               |    |        |    |
| Drainage         | <u>well</u>              | mod    | poor  | depth water | cm            | Wet           | all year |             | winter/spring |    |        |    |
| Litter           | <u>twigs, lvs, stems</u> |        |       |             | % cover       | <u>30/70</u>  |          | Bare Ground | <u>30/50</u>  |    | %cover |    |
|                  | Depth <u>2-10</u> cm     |        |       |             |               |               |          |             |               |    |        |    |

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

### 3. VEGETATION STRUCTURE AND COVER

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

| For each layer record - appropriate life form, cover class (see below) and dominant species in each 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                                                                                |                                                                                       | 30m<br>10m                                                                            |
| DOMINANT SPECIES                                                                                          |                                                                                     |                                                                                     | <i>B. prionotes</i>                                                                  |                                                                                       |                                                                                       |
| SHRUBS                                                                                                    |                                                                                     |                                                                                     | SHRUBS                                                                               |                                                                                       |                                                                                       |
|                                                                                                           | over 2m                                                                             | 2m - 1.5m                                                                           | 1.5 - 1m                                                                             | 1 - 0.5m                                                                              | under 0.5m                                                                            |
| LIFE FORM                                                                                                 |   |   |    |  |  |
| COVER CLASS (%)                                                                                           |                                                                                     |                                                                                     | 20/30                                                                                |                                                                                       | <i>Eremaea pauci</i> 2m<br>1m                                                         |
| DOMINANT SPECIES                                                                                          |                                                                                     |                                                                                     | <i>Dry. g. ure</i><br><i>Leptosp. rub</i>                                            |                                                                                       | <i>Pet. ericif</i><br><i>Banksia viol</i><br><i>Andarsonia</i>                        |
| GRASSES                                                                                                   |                                                                                     | HERBS                                                                               | SEDGES                                                                               | over 0.5m                                                                             |                                                                                       |
|                                                                                                           |                                                                                     |                                                                                     |                                                                                      | under 0.5m                                                                            |                                                                                       |
| LIFE FORM                                                                                                 |  |  |  |  |                                                                                       |
| COVER CLASS (%)                                                                                           | L2                                                                                  | L2                                                                                  |                                                                                      | 0.2/1.0                                                                               |                                                                                       |
| DOMINANT SPECIES                                                                                          |                                                                                     |                                                                                     |                                                                                      | <i>Schoenus</i><br><i>Desmodadus</i>                                                  |                                                                                       |

#### **4. VEGETATION CONDITION**

**Comments** Burnt ca 10 yrs ago B. prionoles approx  
3 m tall (prev 5 m). Many drought deaths

**BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only**

name if required

Same

5. SPECIES PRESCENCE

SITE No P1 18

Date 17-5-1999

Date 15-10-1999

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

Record on Sheet

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

DATE NO 17-5-1999

15-10-1999

Column 3 flowering time- TICK if species flowering

Column 4 identification check

HERBS (cont.) 15/10/1999

| No | FI | ID                      |
|----|----|-------------------------|
| X  |    | Dioscorea pulchra       |
| X  |    | Dampiera linearis       |
| X  |    | Harperia lateriflora    |
| X  |    | Nerachne alopecur       |
| X  |    | Opuntia rubridioris     |
| X  |    | Syntherisma boganiensis |

TREES

Banksia prionotes

SHRUBS (cont.)

Amphipogon turbin

cuneata (usp)

GRASSES

Amphipogon turbin

cuneata (usp)

MALLEES

SHRUBS

Dryandra sparsifolia

Banksia violacea

Leptospermum erubesc

Ermaea paucifl

Petrophile ericifolia

Andersonia laurumii ssp pulchra (usp)

Leucopogon concinnus (usp)

Leucopogon t. h. stylis

Lysinema ciliatum "inland form"

Baerba preissiana

Persoonia

Dryandra pteridifolia

Ermaea pauciflora

Daviesia incrassata (sterile, currit hill ssp)

Hakea "needle leaf sterile"

Conostephium

Melaleuca

HERBS

Calceolaria ornoides

Conostylis latifolia

Comandra mucronata

Harperia lateriflora

SEDGES

Hypochaeris fruticosa (usp)

Chordiflex sphacelatus

Schizanthus subulifolius

Desmodium

Schoenus plantanensis

Lepidosperma sp P1 (usp)

Pygmaea (usp)

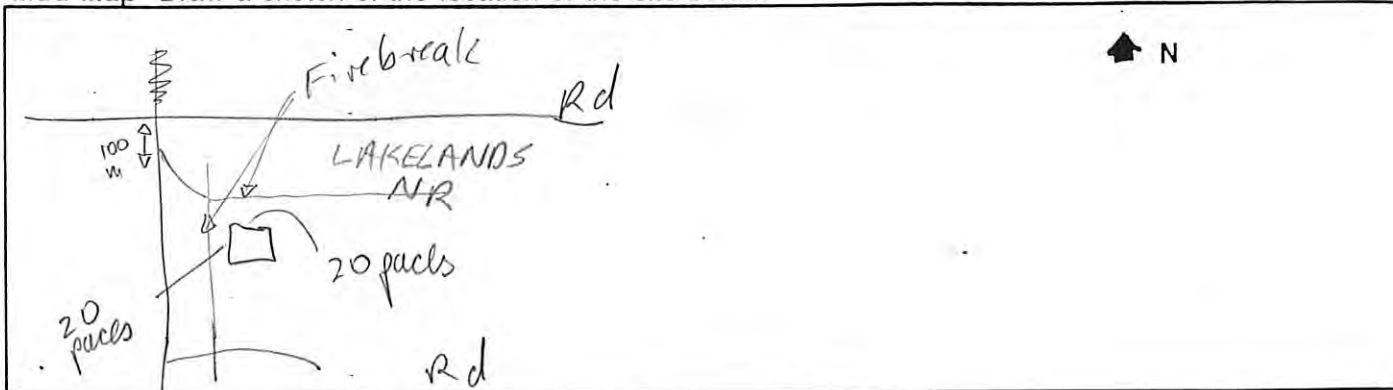
# BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA P.1 SITE NUMBER 19  
 DATE TRIP 17-5-1999 RECORDERS NG/GK  
 DATE TRIP 15-10-1999 RECORDERS AW/NG/GK  
 DATE TRIP \_\_\_\_\_ RECORDERS \_\_\_\_\_  
 BOTANIST \_\_\_\_\_

## 1. LOCATION of the QUADRAT

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

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



Road Location

Lakefields N.R.

Geographic Location Latitude 33 16 31.6 S Longitude 118 44 46.4 E Altitude 201

Reference Map

Photograph

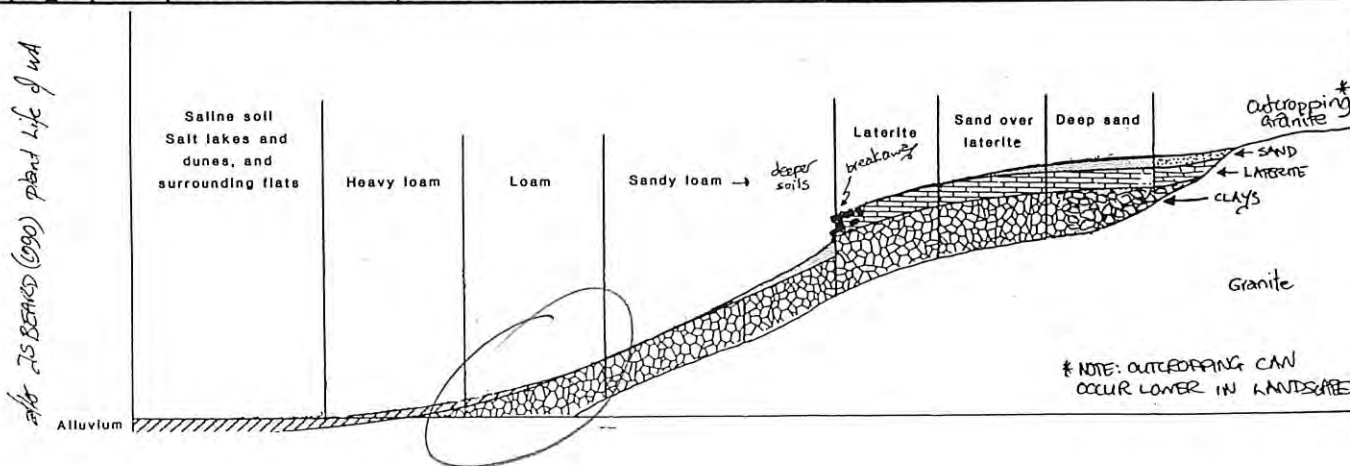
Photographer's Name

NG

Photo No

17

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



## 2. SITE DATA Circle the correct response.

|                  |                         |            |         |              |    |             |               |               |         |    |   |    |
|------------------|-------------------------|------------|---------|--------------|----|-------------|---------------|---------------|---------|----|---|----|
| Slope            | <u>flat</u>             | gentle     | steep   | Aspect       | N  | NE          | E             | SE            | S       | SW | W | NW |
| Surface Soil     | <u>sandy clay</u>       |            |         |              |    |             | Colour        | <u>yellow</u> |         |    |   |    |
| Exposed rock     | type                    |            |         |              |    |             | % surface     |               |         |    |   |    |
| Sub-surface Soil | <u>lateritic gravel</u> |            |         |              |    |             | Colour        |               |         |    |   |    |
| Rock             | type                    |            |         |              |    |             | depth to rock |               |         |    |   |    |
| Drainage         | well                    | <u>mod</u> | poor    | depth water  | cm | Wet         | all year      | winter/spring |         |    |   |    |
| Litter           | <u>twigs, lvs</u>       |            | % cover | <u>30/70</u> |    | Bare Ground | <u>30</u>     |               | % cover |    |   |    |
|                  | (Depth <u>2-5</u> )     |            | cm      |              |    |             |               |               |         |    |   |    |

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

## 3. VEGETATION STRUCTURE AND COVER

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

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

|                  | TREES                                                                                                                                                                   |                                                                                     |                                                                                                                                                                         | MALLEES                                                                                                                                                                  |                                                                                                                                                                             |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  | over 15m                                                                                                                                                                | 5-15m                                                                               | under 5m                                                                                                                                                                | over 8m                                                                                                                                                                  | under 8m                                                                                                                                                                    |
| LIFE FORM        |                                                                                        |    |       |                                                                                        |                                                                                          |
| COVER CLASS (%)  |                                                                                                                                                                         |                                                                                     |                                                                                                                                                                         |                                                                                                                                                                          | 10/30                                                                                                                                                                       |
| DOMINANT SPECIES |                                                                                                                                                                         |                                                                                     |                                                                                                                                                                         |                                                                                                                                                                          | <i>Euc. loxophylla</i><br><i>E. redunca</i><br><i>E. conglob</i>                                                                                                            |
|                  | SHRUBS                                                                                                                                                                  |                                                                                     |                                                                                                                                                                         | SHRUBS                                                                                                                                                                   |                                                                                                                                                                             |
|                  | over 2m                                                                                                                                                                 | 2m - 1.5m                                                                           | 1.5 - 1m                                                                                                                                                                | 1 - 0.5m                                                                                                                                                                 | under 0.5m                                                                                                                                                                  |
| LIFE FORM        |   |  |                                                                                       |                                                                                     |                                                                                        |
| COVER CLASS (%)  | 2-10                                                                                                                                                                    |                                                                                     |                                                                                                                                                                         | 2                                                                                                                                                                        | 30/70                                                                                                                                                                       |
| DOMINANT SPECIES | <i>Hakea francis</i><br><i>Mel. uncinata</i>                                                                                                                            |                                                                                     |                                                                                                                                                                         | <i>Templeton</i><br><i>Leptomeria</i>                                                                                                                                    | <i>Acacia</i><br><i>Beyeria</i><br><i>Ptelebium tuberc</i><br><i>Baeclia</i>                                                                                                |
|                  | GRASSES                                                                                                                                                                 |                                                                                     | HERBS                                                                                                                                                                   | SEDGES                                                                                                                                                                   |                                                                                                                                                                             |
|                  |                                                                                                                                                                         |                                                                                     |                                                                                                                                                                         | over 0.5m                                                                                                                                                                | under 0.5m                                                                                                                                                                  |
| LIFE FORM        |   |                                                                                     |   |   |   |
| COVER CLASS (%)  | 2-10                                                                                                                                                                    |                                                                                     | < 2                                                                                                                                                                     |                                                                                                                                                                          | 30                                                                                                                                                                          |
| DOMINANT SPECIES | <i>Neurachne alop</i>                                                                                                                                                   |                                                                                     |                                                                                                                                                                         |                                                                                                                                                                          | <i>lepidosp.</i> - VISC                                                                                                                                                     |

## 4. VEGETATION CONDITION

Comments excellent  
burnt ca 20 yrs ago

// (Etoxo - <sup>graciosa</sup> smth coppery backed, mallee, 5m, <sup>WS green</sup> branchlets red-yellow) <sup>E. congl.</sup> <sup>lvs red,</sup> <sup>Stems as E. red.</sup> <sup>E. redunca 4m</sup> <sup>smth. grey stems, bark lag strips</sup> <sup>US green</sup> <sup>dull</sup>

# BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

## 5. SPECIES PRESENCE

SITE No PI 19  
 Date 17-5-1999  
15-10-1999

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

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

20x20

same

| TREES |    |    |  | SHRUBS (cont.) |    |    |  | HERBS (cont.) |    |    |                              | 15/10/99 |    |    |  |
|-------|----|----|--|----------------|----|----|--|---------------|----|----|------------------------------|----------|----|----|--|
| No    | FI | ID |  | No             | FI | ID |  | No            | FI | ID |                              | No       | FI | ID |  |
|       |    |    |  |                |    |    |  |               |    |    | X Pterochaeta panicul        |          |    |    |  |
|       |    |    |  |                |    |    |  |               |    |    | X Verticordia chrysanth      |          |    |    |  |
|       |    |    |  |                |    |    |  |               |    |    | X Schismus                   |          |    |    |  |
|       |    |    |  |                |    |    |  |               |    |    | X Verticordia picta (usr)    |          |    |    |  |
|       |    |    |  |                |    |    |  |               |    |    | X Millotia                   |          |    |    |  |
|       |    |    |  |                |    |    |  |               |    |    | X Rinzia common              |          |    |    |  |
|       |    |    |  |                |    |    |  |               |    |    | X Schdenus nanus             |          |    |    |  |
|       |    |    |  |                |    |    |  |               |    |    | X Paranthura microphylla     |          |    |    |  |
|       |    |    |  |                |    |    |  |               |    |    | X Phacelium tubercul         |          |    |    |  |
|       |    |    |  |                |    |    |  |               |    |    | X Thysanotus paterson        |          |    |    |  |
|       |    |    |  |                |    |    |  |               |    |    | X Stipa himalaya             |          |    |    |  |
|       |    |    |  |                |    |    |  |               |    |    | X Danthonia                  |          |    |    |  |
|       |    |    |  |                |    |    |  |               |    |    | X Stylidium leptophyllum     |          |    |    |  |
|       |    |    |  |                |    |    |  |               |    |    | SEDGES                       |          |    |    |  |
|       |    |    |  |                |    |    |  |               |    |    | X Epidosperma drumaldi (usr) |          |    |    |  |
|       |    |    |  |                |    |    |  |               |    |    | 15/10/99                     |          |    |    |  |
|       |    |    |  |                |    |    |  |               |    |    | X Phebalium tuberc           |          |    |    |  |
|       |    |    |  |                |    |    |  |               |    |    | X Rhodanthus laevis          |          |    |    |  |
|       |    |    |  |                |    |    |  |               |    |    |                              |          |    |    |  |
|       |    |    |  |                |    |    |  |               |    |    |                              |          |    |    |  |
|       |    |    |  |                |    |    |  |               |    |    |                              |          |    |    |  |
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|       |    |    |  |                |    |    |  |               |    |    |                              |          |    |    |  |
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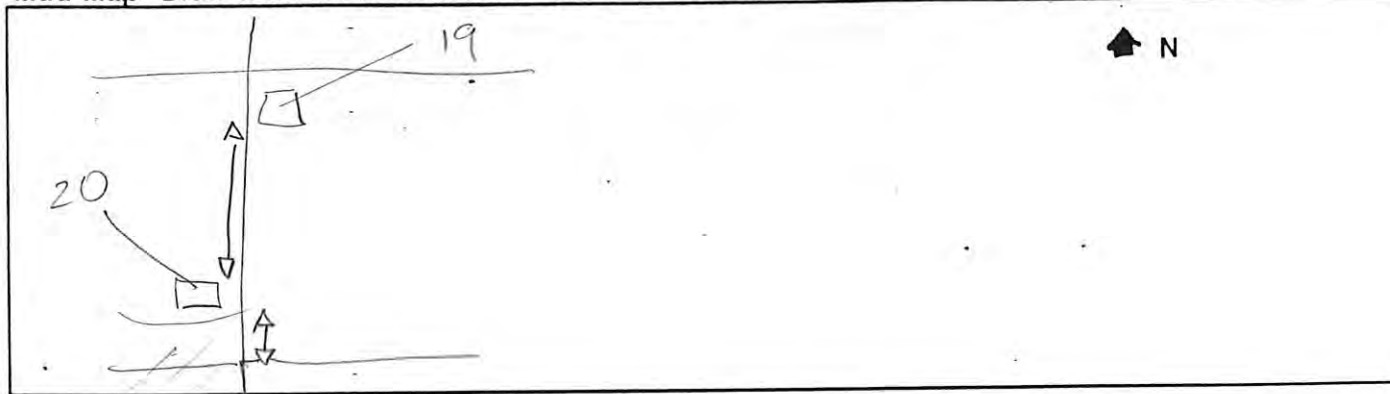
# BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA P1 SITE NUMBER 20  
 DATE TRIP 17-5-1999 RECORDERS NG/GK  
 DATE TRIP 15-10-99 RECORDERS AW/NG/GK  
 DATE TRIP \_\_\_\_\_ RECORDERS \_\_\_\_\_  
 BOTANIST \_\_\_\_\_

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

## 1. LOCATION of the QUADRAT

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

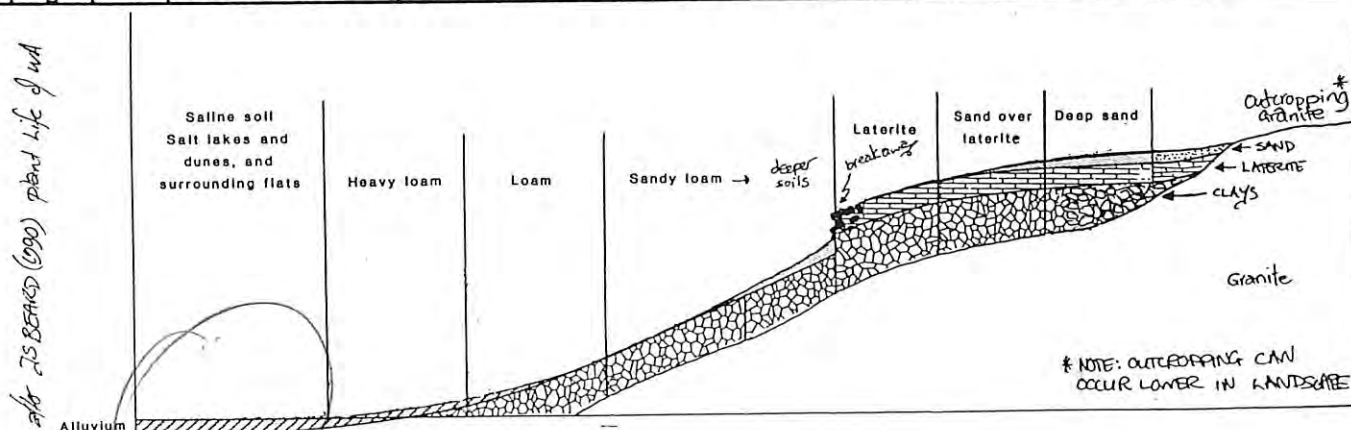


Road Location LAKELANDS NR

Geographic Location Latitude 33 17 03.6 S Longitude 118 44 02.7 E Altitude \_\_\_\_\_  
 Reference Map \_\_\_\_\_

Photograph Photographer's Name NG Photo No 18

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



## 2. SITE DATA Circle the correct response.

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

Surface Soil clay Colour brown  
 Exposed rock type \_\_\_\_\_ % surface \_\_\_\_\_

Sub-surface Soil clay Colour \_\_\_\_\_  
 Rock type \_\_\_\_\_ depth to rock \_\_\_\_\_

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

Litter logs twigs, lvs % cover 30/70 Bare Ground 50 %cover \_\_\_\_\_  
 Depth 2-10 cm

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

### 3. VEGETATION STRUCTURE AND COVER

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

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

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

| SHRUBS           |                                                                                    |                                                                                    |                                                                                    | SHRUBS                                                                                |                                                                                       |
|------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                  | over 2m                                                                            | 2m - 1.5m                                                                          | 1.5 - 1m                                                                           | 1 - 0.5m                                                                              | under 0.5m                                                                            |
| LIFE FORM        |  |  |  |  |  |
| COVER CLASS (%)  |                                                                                    | > 70                                                                               |                                                                                    |                                                                                       |                                                                                       |
| DOMINANT SPECIES |                                                                                    | Mel. lateriflora                                                                   |                                                                                    |                                                                                       |                                                                                       |
|                  |                                                                                    | 11                                                                                 |                                                                                    |                                                                                       |                                                                                       |

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

#### 4. VEGETATION CONDITION

### Comments

shrubs <sup>ca</sup> 1/3<sup>m</sup> burnt ca 10 yrs ago

20 x 20

same

### Record on Sheet

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

[illegible]

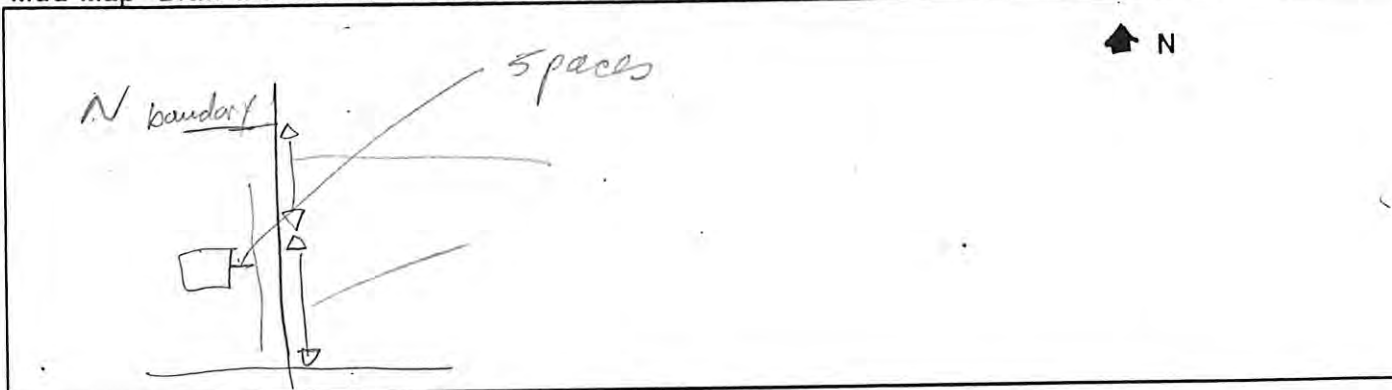
# BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA P1 SITE NUMBER 21  
 DATE TRIP 17-5-99 RECORDERS NG/GK  
 DATE TRIP 18-10-99 RECORDERS AW/GK/NG  
 DATE TRIP \_\_\_\_\_ RECORDERS \_\_\_\_\_  
 BOTANIST \_\_\_\_\_

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

## 1. LOCATION of the QUADRAT

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



Road Location

Lakeands NR

Geographic Location Latitude 33°13' 21.3 S Longitude 118°43' 53.0 E Altitude 3.0

Reference Map

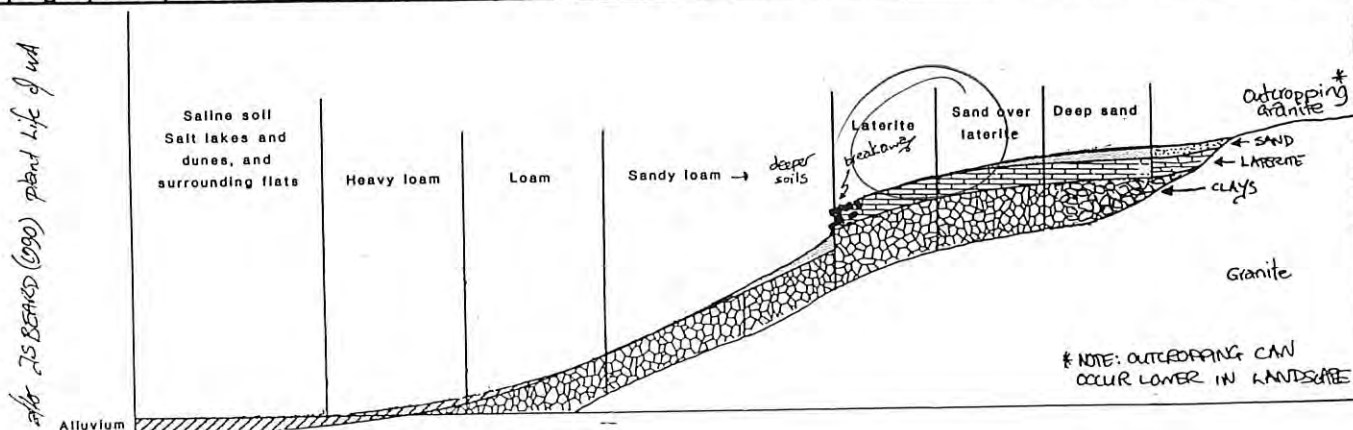
Photograph

Photographer's Name

NG

Photo No 19

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



## 2. SITE DATA Circle the correct response.

|                  |                             |        |       |             |         |              |          |               |               |                |              |    |
|------------------|-----------------------------|--------|-------|-------------|---------|--------------|----------|---------------|---------------|----------------|--------------|----|
| Slope            | <u>flat</u>                 | gentle | steep | Aspect      | N       | NE           | E        | SE            | S             | SW             | W            | NW |
| Surface Soil     | <u>lateritic sandy clay</u> |        |       |             |         |              |          |               | Colour        | <u>yellow</u>  |              |    |
| Exposed rock     | <u>type laterite</u>        |        |       |             |         |              |          |               | % surface     | <u>pebbles</u> |              |    |
| Sub-surface Soil | <u>laterite clay</u>        |        |       |             |         |              |          |               | Colour        |                |              |    |
| Rock             | <u>type laterite</u>        |        |       |             |         |              |          |               | depth to rock |                |              |    |
| Drainage         | <u>well</u>                 | mod    | poor  | depth water | cm      | Wet          | all year | winter/spring |               |                |              |    |
| Litter           | <u>twigs, logs, stems</u>   |        |       |             | % cover | <u>70/90</u> |          | Bare Ground   |               |                | % cover      |    |
| Depth            | <u>2-5</u>                  |        |       |             | cm      |              |          |               |               |                | <u>10/30</u> |    |

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

### 3. VEGETATION STRUCTURE AND COVER

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

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

| TREES            |                                                                                     |                                                                                     | MALLEES                                                                                    |                                                                                       |                                                                                       |
|------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                  | over 15m                                                                            | 5-15m                                                                               | under 5m                                                                                   | over 8m                                                                               | under 8m                                                                              |
| LIFE FORM        |    |    |           |     |    |
| COVER CLASS (%)  |                                                                                     |                                                                                     |                                                                                            |                                                                                       |                                                                                       |
| 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                                                                                      |                                                                                       | 2-10                                                                                  |
| DOMINANT SPECIES | <i>Allocas. acutif</i><br><i>Callitris verrucosa</i>                                |                                                                                     | <i>Persoonia leucopogon</i><br><i>Mel. pungens</i><br><i>Hakea scop</i><br><i>" erecta</i> |                                                                                       | <i>Beaufortia</i>                                                                     |
| GRASSES          |                                                                                     | HERBS                                                                               | SEDGES                                                                                     | over 0.5m                                                                             |                                                                                       |
| LIFE FORM        |  |  |        |  |                                                                                       |
| COVER CLASS (%)  |                                                                                     | 22                                                                                  |                                                                                            | 2-10                                                                                  |                                                                                       |
| DOMINANT SPECIES |                                                                                     |                                                                                     |                                                                                            | <i>Schweuxis -</i><br><i>Lepidosp - visc</i>                                          |                                                                                       |

#### 4. VEGETATION CONDITION

### Comments

excellent

**BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only**

20x20

### 5. SPECIES PRESCENCE

SITE No P1 21

Date 17 - 5 - 1999

15-10-1999

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

- Column 3 new name
- Column 4 identification check (usr)

name if required

same

Date 17-5-1999  
15-10-1999

• Column 3 flowering time - tick if  
• Column 4 identification check (VSP)

| TREES |  |  | No | FI | ID | SHRUBS (cont.)                  |  |  | No | FI | ID | HERBS (cont.) 15/10/99                     |  |  | No | FI | ID |
|-------|--|--|----|----|----|---------------------------------|--|--|----|----|----|--------------------------------------------|--|--|----|----|----|
|       |  |  |    |    |    | chrysanth                       |  |  |    |    |    | x Stylidium brevistap                      |  |  |    |    |    |
|       |  |  |    |    |    | x Verticordia                   |  |  |    |    |    | x Newachne alopecur                        |  |  |    |    |    |
|       |  |  |    |    |    | x Phorbium                      |  |  |    |    |    | x Rinzia communis                          |  |  |    |    |    |
|       |  |  |    |    |    | x Leucopogon                    |  |  |    |    |    | x Baeckea crispiflora                      |  |  |    |    |    |
|       |  |  |    |    |    | x Dryandra (columnar - prickly) |  |  |    |    |    | x Thysanotus petersonii                    |  |  |    |    |    |
|       |  |  |    |    |    | x xylothemia                    |  |  |    |    |    | x Petrophile glauca (VSP)                  |  |  |    |    |    |
|       |  |  |    |    |    |                                 |  |  |    |    |    | x Scholnus nanus                           |  |  |    |    |    |
|       |  |  |    |    |    |                                 |  |  |    |    |    | x Millotia                                 |  |  |    |    |    |
|       |  |  |    |    |    |                                 |  |  |    |    |    | x Hemigenia obovata                        |  |  |    |    |    |
|       |  |  |    |    |    |                                 |  |  |    |    |    | x Calytrix brevifolia ssp stipularis       |  |  |    |    |    |
|       |  |  |    |    |    |                                 |  |  |    |    |    | x Rhodanthe laevis                         |  |  |    |    |    |
|       |  |  |    |    |    |                                 |  |  |    |    |    | x Stylidium - spatulifolium squamelliforme |  |  |    |    |    |
|       |  |  |    |    |    |                                 |  |  |    |    |    | x Drosera sp "PI 21" (VSP)                 |  |  |    |    |    |
|       |  |  |    |    |    |                                 |  |  |    |    |    | SEDGES                                     |  |  |    |    |    |
|       |  |  |    |    |    |                                 |  |  |    |    |    | Schoenus (mat) calc                        |  |  |    |    |    |
|       |  |  |    |    |    |                                 |  |  |    |    |    | x Epidosperma viscidiflora (VSP)           |  |  |    |    |    |
|       |  |  |    |    |    |                                 |  |  |    |    |    | 15-10-99                                   |  |  |    |    |    |
|       |  |  |    |    |    |                                 |  |  |    |    |    | x Levenhookia stipitata                    |  |  |    |    |    |
|       |  |  |    |    |    |                                 |  |  |    |    |    | x Drosera macrantha                        |  |  |    |    |    |
|       |  |  |    |    |    |                                 |  |  |    |    |    | x Mallostemon micromyrtus                  |  |  |    |    |    |
|       |  |  |    |    |    |                                 |  |  |    |    |    | x Melaleuca? cordata                       |  |  |    |    |    |
|       |  |  |    |    |    |                                 |  |  |    |    |    | x Leptospermum spinescens                  |  |  |    |    |    |
|       |  |  |    |    |    |                                 |  |  |    |    |    | x Phebalium tubercul                       |  |  |    |    |    |
|       |  |  |    |    |    |                                 |  |  |    |    |    |                                            |  |  |    |    |    |
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|       |  |  |    |    |    |                                 |  |  |    |    |    |                                            |  |  |    |    |    |
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|       |  |  |    |    |    |                                 |  |  |    |    |    |                                            |  |  |    |    |    |
|       |  |  |    |    |    |                                 |  |  |    |    |    |                                            |  |  |    |    |    |
|       |  |  |    |    |    |                                 |  |  |    |    |    |                                            |  |  |    |    |    |
|       |  |  |    |    |    |                                 |  |  |    |    |    |                                            |  |  |    |    |    |
|       |  |  |    |    |    |                                 |  |  |    |    |    |                                            |  |  |    |    |    |
|       |  |  |    |    |    |                                 |  |  |    |    |    |                                            |  |  |    |    |    |
|       |  |  |    |    |    |                                 |  |  |    |    |    |                                            |  |  |    |    |    |
|       |  |  |    |    |    |                                 |  |  |    |    |    |                                            |  |  |    |    |    |
|       |  |  |    |    |    |                                 |  |  |    |    |    |                                            |  |  |    |    |    |
|       |  |  |    |    |    |                                 |  |  |    |    |    |                                            |  |  |    |    |    |
|       |  |  |    |    |    |                                 |  |  |    |    |    |                                            |  |  |    |    |    |
|       |  |  |    |    |    |                                 |  |  |    |    |    |                                            |  |  |    |    |    |
|       |  |  |    |    |    |                                 |  |  |    |    |    |                                            |  |  |    |    |    |
|       |  |  |    |    |    |                                 |  |  |    |    |    |                                            |  |  |    |    |    |
|       |  |  |    |    |    |                                 |  |  |    |    |    |                                            |  |  |    |    |    |

Haben Sie schon ~~Aus~~  
messung VSP 18/10

"Caraythe pomiformis - both Caraythes collected"

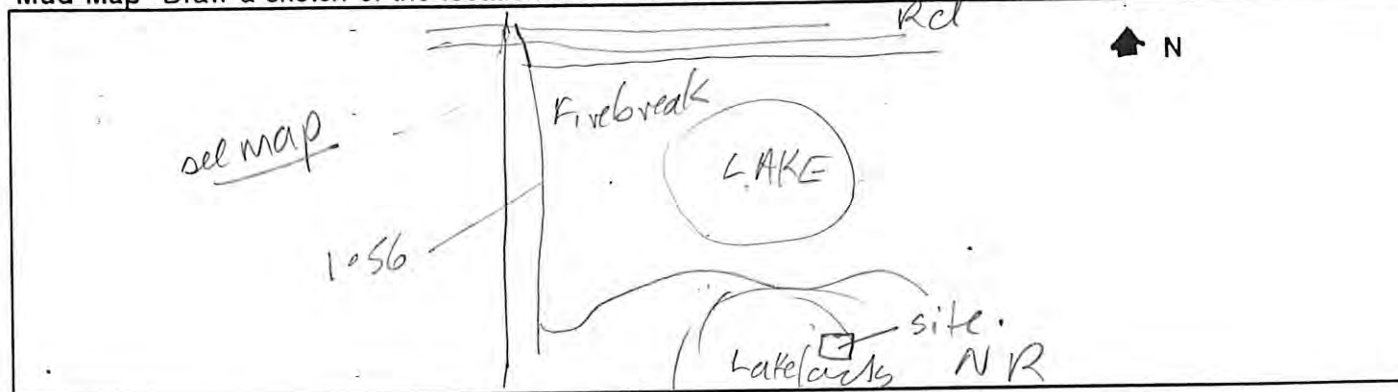
# BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA P1 SITE NUMBER 22  
 DATE TRIP 12-5-1999 RECORDERS NG/GK  
 DATE TRIP 15-10-1999 RECORDERS AW/GK/NG  
 DATE TRIP \_\_\_\_\_ RECORDERS \_\_\_\_\_  
 BOTANIST \_\_\_\_\_

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

## 1. LOCATION of the QUADRAT

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



Road Location

Lakelands - NR

Geographic Location Latitude 33 15 13.9 S Longitude 118 42 45.4 E Altitude  
 Reference Map

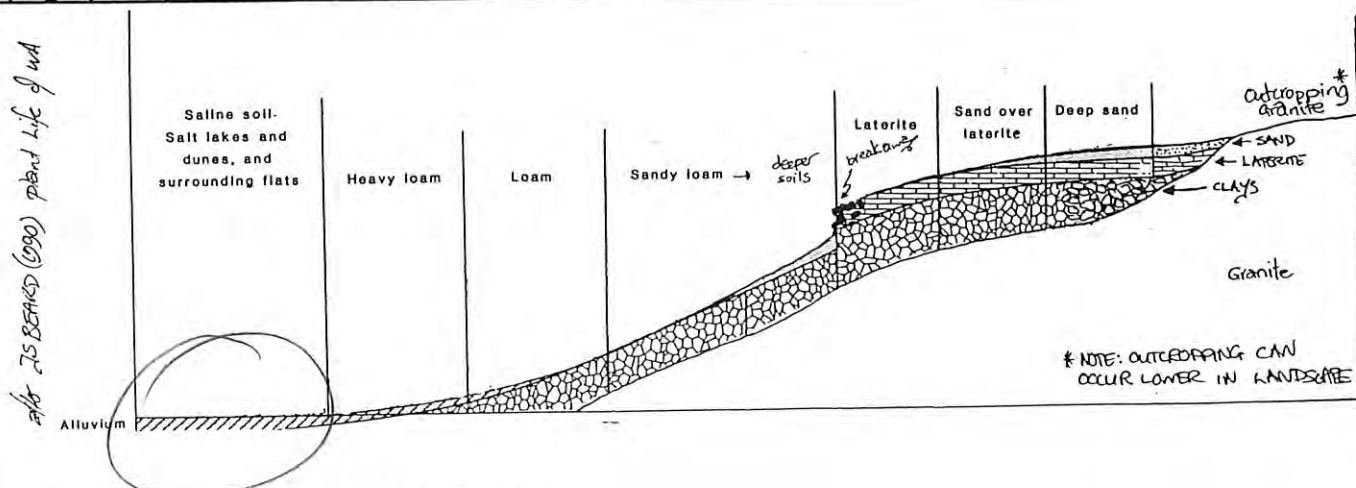
Photograph

Photographer's Name

NG

Photo No 20

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



## 2. SITE DATA Circle the correct response.

|                  |                    |        |             |             |               |                   |          |             |                      |    |   |    |
|------------------|--------------------|--------|-------------|-------------|---------------|-------------------|----------|-------------|----------------------|----|---|----|
| Slope            | <u>flat</u>        | gentle | steep       | Aspect      | N             | NE                | E        | SE          | S                    | SW | W | NW |
| Surface Soil     | <u>clay</u>        |        |             |             | Colour        | <u>brown-grey</u> |          |             |                      |    |   |    |
| Exposed rock     | type               |        |             |             | % surface     |                   |          |             |                      |    |   |    |
| Sub-surface Soil | <u>clay</u>        |        |             |             | Colour        |                   |          |             |                      |    |   |    |
| Rock             | type               |        |             |             | depth to rock |                   |          |             |                      |    |   |    |
| Drainage         | well               | mod    | <u>poor</u> | depth water | cm            | Wet               | all year |             | <u>winter/spring</u> |    |   |    |
| Litter           | <u>twig/leaves</u> |        |             |             | % cover       | <u>10-30</u>      |          | Bare Ground | % cover              |    |   |    |
| Depth            | <u>1 cm</u>        |        |             |             | cm            |                   |          |             | <u>70-90</u>         |    |   |    |

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

### 3. VEGETATION STRUCTURE AND COVER

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

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

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

| SHRUBS           |                                                                                     |                                                                                     |                                                                                     | SHRUBS                                                                                |                                                                                       |
|------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                  | over 2m                                                                             | 2m - 1.5m                                                                           | 1.5 - 1m                                                                            | 1 - 0.5m                                                                              | under 0.5m                                                                            |
| LIFE FORM        |  |  |  |  |  |
| COVER CLASS (%)  |                                                                                     |                                                                                     |                                                                                     |                                                                                       | 10-30                                                                                 |
| DOMINANT SPECIES |                                                                                     |                                                                                     |                                                                                     |                                                                                       | <i>Tecticornia orbis</i><br><i>Halosarc indica</i><br>" <i>pergranul</i>              |

| GRASSES          |                                                                                     | HERBS                                                                               |                                                                                      | SEDGES                                                                                |                                                                                       |
|------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                  | over 0.5m                                                                           |                                                                                     | over 0.5m                                                                            |                                                                                       | under 0.5m                                                                            |
| LIFE FORM        |  |  |  |  |  |
| COVER CLASS (%)  |                                                                                     | 10-30                                                                               |                                                                                      |                                                                                       |                                                                                       |
| DOMINANT SPECIES |                                                                                     | <i>Angianth. pyg</i>                                                                |                                                                                      |                                                                                       |                                                                                       |

#### 4. VEGETATION CONDITION

### Comments

excellent — edges salt affected  
whole lake (west) shrubs dead  
Tect (west) dead)

most tecticoma dead since May

20x20

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

name if required

5. SPECIES PRESCENCE

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

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

same

SITE No P1 22  
Date 17-5-1999  
15-10-1999

SITE No

Date 17-5-1999

15-10-1999

Column 1

Column 3

Column 4

flowering time- TICK if species flowering

Identification check

HERBS (cont.)

15/10/1999

X Spergula rubra salina

X Triglochin mucronata

X Tetragonia

X Puccinellia striata

X

TREES

MALLEES

SHRUBS

Halosarcia indica

" pergranulata

Tecticornia latifolia

SHRUBS (cont.)

GRASSES

HERBS

Argemone pygmaea

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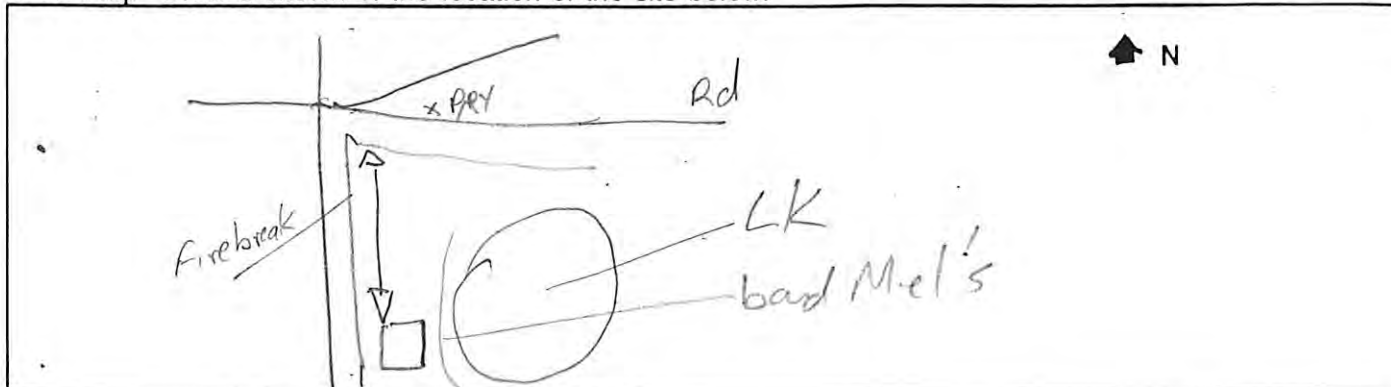
# BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA P1 SITE NUMBER 23  
 DATE TRIP 17/5/1999 RECORDERS NG/GK  
 DATE TRIP 15/10/1999 RECORDERS AW/NG/GK  
 DATE TRIP \_\_\_\_\_ RECORDERS \_\_\_\_\_  
 BOTANIST \_\_\_\_\_

## 1. LOCATION of the QUADRAT

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

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



Road Location

Lokelands NR.

Geographic Location Latitude 33 14 20.9 S Longitude 118 42 17.6 E Altitude 30

Reference Map

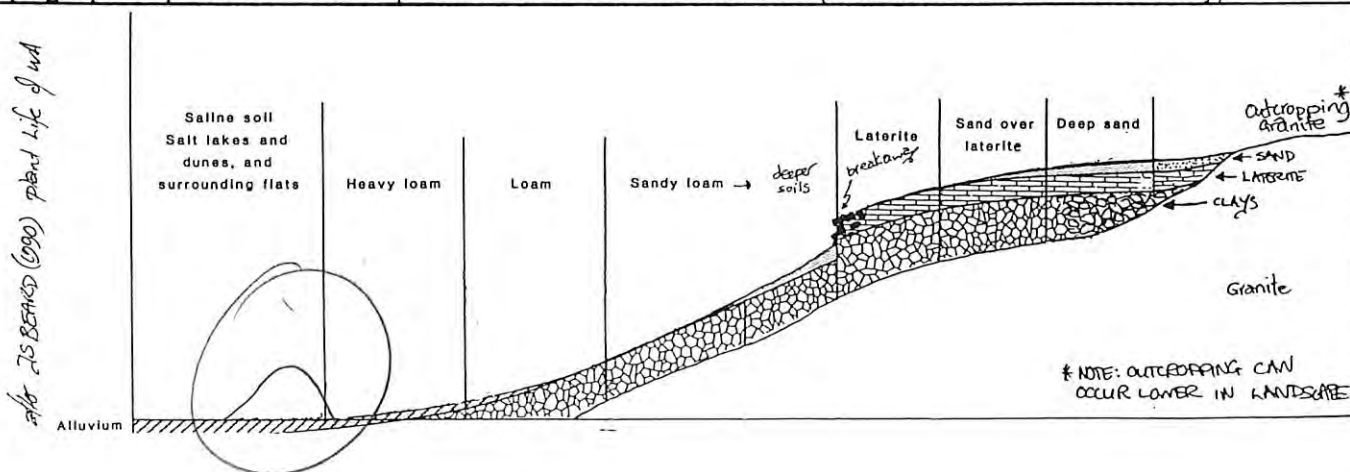
Photograph

Photographer's Name

NG

Photo No 23

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



## 2. SITE DATA Circle the correct response.

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

Surface Soil sand Colour grey

Exposed rock type \_\_\_\_\_ % surface \_\_\_\_\_

Sub-surface Soil sand Colour grey

Rock type \_\_\_\_\_ depth to rock \_\_\_\_\_

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

Litter dark, fungus vs % cover 70 Bare Ground % cover

Depth 12-15 cm

30

very good - excellent  
saline lake close by

**BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only**

BUSHLAND PLANT SURVEY RECORDING SHEET 9 Use pencil only

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

**Record on Sheet**

- Column 1      plant name

- Column 2 plant number

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

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

Same

| • Column 4 Identification check        |    |    |                     |    |    |                                             |    |    |    |    |    |
|----------------------------------------|----|----|---------------------|----|----|---------------------------------------------|----|----|----|----|----|
| TREES                                  |    |    | SHRUBS (cont.)      |    |    | HERBS (cont.)                               |    |    |    |    |    |
| No                                     | FI | ID | No                  | FI | ID | No                                          | FI | ID | No | FI | ID |
|                                        |    |    |                     |    |    | 15-10-99                                    |    |    |    |    |    |
|                                        |    |    |                     |    |    | X Hypochaeris glabra                        |    |    |    |    |    |
|                                        |    |    |                     |    |    | X Podboteca angustif                        |    |    |    |    |    |
|                                        |    |    |                     |    |    | X Paranthura microphylla                    |    |    |    |    |    |
|                                        |    |    |                     |    |    | X Calandrinia calyptrata                    |    |    |    |    |    |
|                                        |    |    |                     |    |    | X Verticordia densiflora (VSP)              |    |    |    |    |    |
|                                        |    |    |                     |    |    | X Helidrysum leucopetal                     |    |    |    |    |    |
|                                        |    |    |                     |    |    | X Vulpia myuros                             |    |    |    |    |    |
|                                        |    |    |                     |    |    | X Podboteca grandiflora                     |    |    |    |    |    |
|                                        |    |    |                     |    |    | X Millotia tamniflora                       |    |    |    |    |    |
|                                        |    |    |                     |    |    | X Wahlenbergia preissii (VSP)               |    |    |    |    |    |
|                                        |    |    |                     |    |    | X Lobelia gibbosa                           |    |    |    |    |    |
|                                        |    |    |                     |    |    | X Schismus / Rost Acellularia thallii       |    |    |    |    |    |
| MALLEES                                |    |    | GRASSES             |    |    | SEDGES                                      |    |    |    |    |    |
| Euc. mallee yata = sporadica           |    |    | Stipa               |    |    | Desmodium                                   |    |    |    |    |    |
| Euc. perangusta (overhangs)            |    |    | Amphipogon          |    |    | Cepidospermum aff. squaratum "brill." (VSP) |    |    |    |    |    |
|                                        |    |    | Aira Caryophylla    |    |    |                                             |    |    |    |    |    |
| SHRUBS                                 |    |    |                     |    |    | Schoenus                                    |    |    |    |    |    |
| Daviesia = Bossiala leptocaulis (VSP)  |    |    |                     |    |    | Tetraria capillaris                         |    |    |    |    |    |
| Leptospermum erubescens                |    |    |                     |    |    | Ctenotalis ramosiss                         |    |    |    |    |    |
| X Baeckea = Chamelauc ciliatum (15/10) |    |    |                     |    |    | 15-10-99                                    |    |    |    |    |    |
| X Melaleuca curvii (VSP)               |    |    |                     |    |    | X Navarclius alopec                         |    |    |    |    |    |
| Leucopogon sp "Kau Rock" (VSP)         |    |    |                     |    |    | X Ceratogyne lobion                         |    |    |    |    |    |
|                                        |    |    | HERBS               |    |    | X Hydrocotyle rugulosa                      |    |    |    |    |    |
|                                        |    |    | Lomandra mucronata  |    |    | X Helichrysum leucop                        |    |    |    |    |    |
|                                        |    |    | Ursinia anthemoides |    |    | X Hydrospermum demiss                       |    |    |    |    |    |
| Mallophora / Newcastlea                |    |    |                     |    |    | X Blennospora drumm                         |    |    |    |    |    |
| corymbosa                              |    |    |                     |    |    | X Caladenia (finished)                      |    |    |    |    |    |
| [Dactylis] (VSP)                       |    |    |                     |    |    |                                             |    |    |    |    |    |

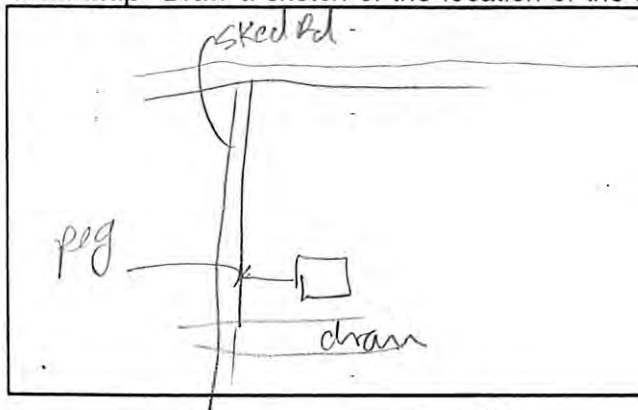
**BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only**

BUSHLAND AREA P1 SITE NUMBER 24  
 DATE TRIP 17-5-1999 RECORDERS NG/GK  
 DATE TRIP 15-10-1999 RECORDERS AW/NG/GK  
 DATE TRIP \_\_\_\_\_ RECORDERS \_\_\_\_\_  
 BOTANIST \_\_\_\_\_

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

**1. LOCATION of the QUADRAT**

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



Road Location unnamed NR

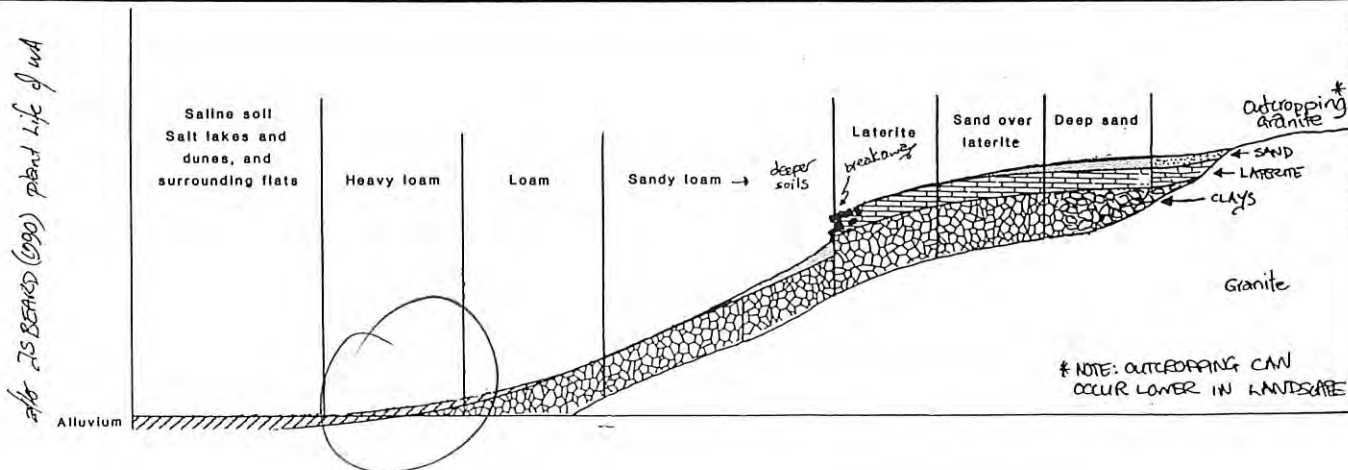
Geographic Location Latitude 33° 17' 46" S Longitude 118° 35' 52" E Altitude \_\_\_\_\_

Reference Map \_\_\_\_\_

Photograph Photographer's Name NG

Photo No 25

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



**2. SITE DATA** Circle the correct response.

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

Surface Soil clay Colour brown

Exposed rock type quartzite % surface pebbles

Sub-surface Soil clay Colour brown

Rock type \_\_\_\_\_ depth to rock \_\_\_\_\_

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

Litter leaves, stems % cover 70/90 Bare Ground 40 % cover 20/30

Depth 2-5 cm

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

### 3. VEGETATION STRUCTURE AND COVER

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

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

| TREES            |                                                                                   |                                                                                   |                                                                                   | MALLEES                                                                            |                                                                                     |
|------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                  | over 15m                                                                          | 5-15m                                                                             | under 5m                                                                          | over 8m                                                                            | under 8m                                                                            |
| LIFE FORM        |  |  |  |  |  |
| COVER CLASS (%)  |                                                                                   | 10-30                                                                             |                                                                                   |                                                                                    | 2-10                                                                                |
| DOMINANT SPECIES |                                                                                   | <i>Euc. flock</i>                                                                 |                                                                                   |                                                                                    | <i>E. platypus</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>Melaleuca paup</i>                                                               |                                                                                     |                                                                                     |                                                                                       |                                                                                       |

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

#### **4. VEGETATION CONDITION**

### Comments

excellent

**BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only**

Tree Mallee coppery bark  
10m

20x20

### 5. SPECIES PRESCENCE

SITE No P1 24  
Date 17-5-1999

Date 15-10-1999

**BUSHLAND PLANT SURVEY RECORDING SHEET**

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

flouring

✓ F 113

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

~~same~~  
NEC extension

[illegible]

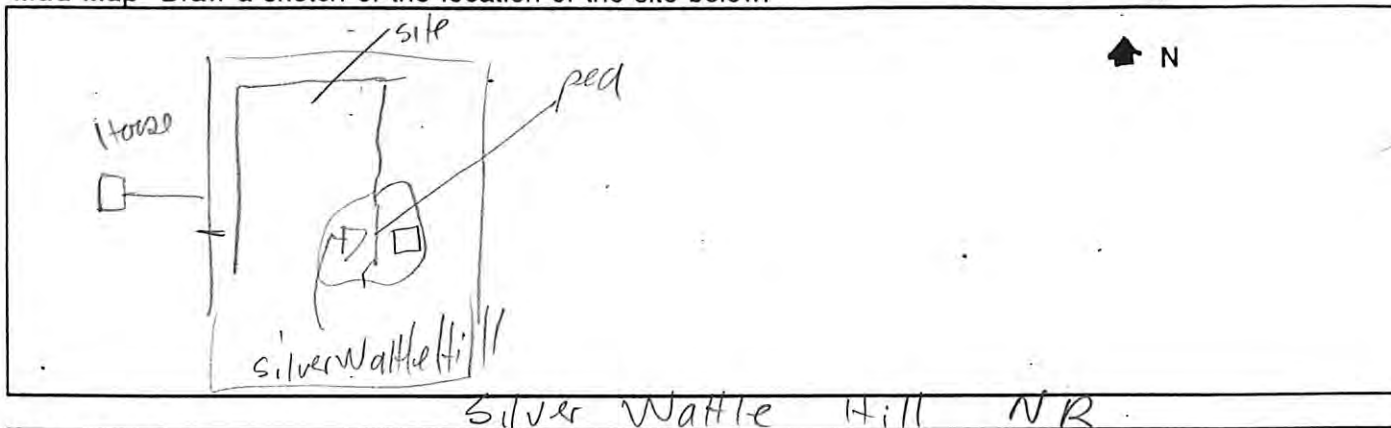
**BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only**

BUSHLAND AREA P1 SITE NUMBER 25  
 DATE TRIP 17-5-99 RECORDERS NG/GK  
 DATE TRIP 15-10-1999 RECORDERS AW/NG/GK  
 DATE TRIP \_\_\_\_\_ RECORDERS \_\_\_\_\_  
 BOTANIST \_\_\_\_\_

**1. LOCATION of the QUADRAT**

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

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

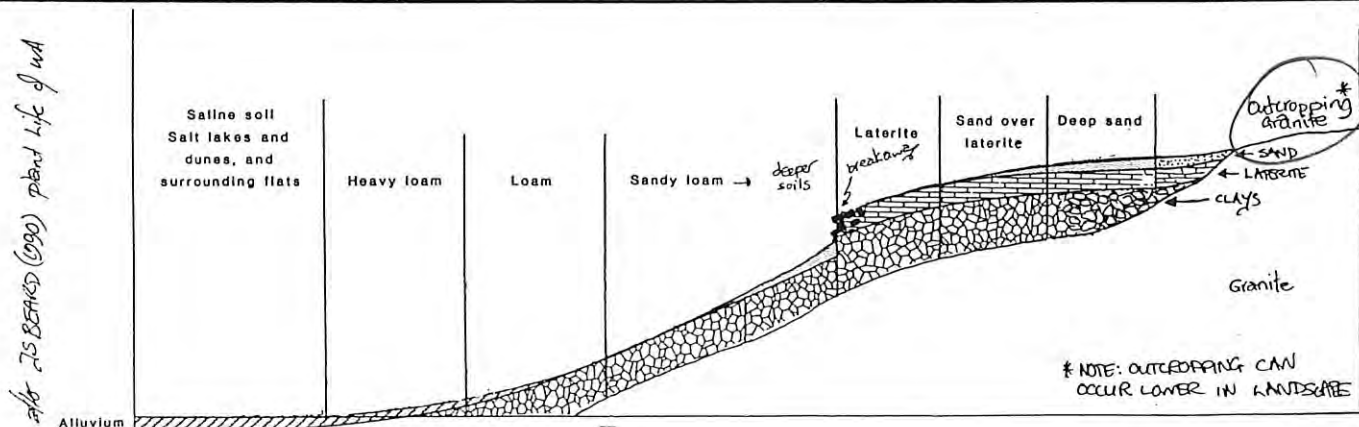


**Road Location**

**Geographic Location** Latitude 33 10 36.6 S Longitude 118 49 30.4 E Altitude 210  
 Reference Map \_\_\_\_\_

**Photograph** Photographer's Name NG Photo No 23

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



**2. SITE DATA** Circle the correct response.

|                  |                                                       |              |                     |
|------------------|-------------------------------------------------------|--------------|---------------------|
| Slope            | <u>flat</u> gentle steep                              | Aspect       | N NE E SE S SW W NW |
| Surface Soil     | <u>gritty loam</u>                                    | Colour       | <u>Brown</u>        |
| Exposed rock     | type _____ % surface _____                            |              |                     |
| Sub-surface Soil | <u>loam</u>                                           | Colour       | _____               |
| Rock             | type <u>granite</u> depth to rock <u>0-10 - 20 cm</u> |              |                     |
| Drainage well    | <u>mod</u> poor depth water _____ cm                  | Wet all year | winter/spring       |
| Litter           | <u>1/5</u> % cover <u>10/20</u>                       | Bare Ground  | <u>50</u> % cover   |
|                  | Depth <u>2 cm</u> cm                                  |              |                     |

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

## 3. VEGETATION STRUCTURE AND COVER

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

|                  |  | 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                                                                                  |                                                                                       |
| DOMINANT SPECIES |  |                                                                                     |                                                                                     |                                                                                     | <i>Thrypt. kochii</i>                                                                 |                                                                                       |
|                  |  | GRASSES                                                                             |                                                                                     | HERBS                                                                               | SEDGES                                                                                |                                                                                       |
|                  |  |                                                                                     |                                                                                     |                                                                                     | over 0.5m                                                                             | under 0.5m                                                                            |
| LIFE FORM        |  |  |                                                                                     |  |   |  |
|                  |  |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |
| COVER CLASS (%)  |  | < 2                                                                                 |                                                                                     | > 70                                                                                |                                                                                       |                                                                                       |
| DOMINANT SPECIES |  |                                                                                     |                                                                                     | <i>Borja constricta</i>                                                             |                                                                                       |                                                                                       |

## 4. VEGETATION CONDITION

Comments

excellent

20x20

| BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only |                |                     |                         | name if required |
|-----------------------------------------------------------|----------------|---------------------|-------------------------|------------------|
| Label each plant with                                     | plants number, | site code, date and | plant's name or working | same             |
| Record on Sheet                                           | • Column 1     | plant name          |                         |                  |
|                                                           | • Column 2     | plant number        |                         |                  |

same

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

Date 15-10-1999

| Date 17-5-1999<br>15-10-1999 |    |    |    | • Column 3 flowering time- tick if species<br>• Column 4 identification check |    |    |                                                          |
|------------------------------|----|----|----|-------------------------------------------------------------------------------|----|----|----------------------------------------------------------|
|                              |    |    |    | HERBS (cont.) 15/10/99                                                        |    |    |                                                          |
| TREES                        | No | FI | ID | No                                                                            | FI | ID |                                                          |
|                              |    |    |    |                                                                               |    |    | X Podolepis lessoni                                      |
|                              |    |    |    |                                                                               |    |    | X Porentulcellia latifolia                               |
|                              |    |    |    |                                                                               |    |    | X Ara carophylla                                         |
|                              |    |    |    |                                                                               |    |    | X Drosera robustulata                                    |
|                              |    |    |    |                                                                               |    |    | X Borya laciniata                                        |
|                              |    |    |    |                                                                               |    |    | X Valpia myuros                                          |
|                              |    |    |    |                                                                               |    |    | X Hypochaeris alba                                       |
|                              |    |    |    |                                                                               |    |    | X Drosera <del>menziesii</del> yellow sublim             |
|                              |    |    |    |                                                                               |    |    | X Chaemascilla                                           |
|                              |    |    |    |                                                                               |    |    | X Phyllanthum                                            |
|                              |    |    |    |                                                                               |    |    | X Adiantum <del>multicaule</del> press                   |
|                              |    |    |    |                                                                               |    |    | X Hydrocotyle <del>medicagoides</del>                    |
|                              |    |    |    |                                                                               |    |    | X Stylidium <del>officinalis</del> and 12                |
|                              |    |    |    |                                                                               |    |    | SEDGES                                                   |
|                              |    |    |    |                                                                               |    |    | X Thys <del>paterson</del>                               |
|                              |    |    |    |                                                                               |    |    | X Drosera macrintha                                      |
|                              |    |    |    |                                                                               |    |    | X Rhodanthe mandalay                                     |
|                              |    |    |    |                                                                               |    |    | X Vellera cynopos                                        |
|                              |    |    |    |                                                                               |    |    | X Siloxerus multicaule                                   |
|                              |    |    |    |                                                                               |    |    | X Thelymitra antennaria                                  |
|                              |    |    |    |                                                                               |    |    | X Prasolphyllum <del>macrostachya</del> green            |
|                              |    |    |    |                                                                               |    |    | X Schismus                                               |
|                              |    |    |    |                                                                               |    |    | X Ophioglossum coriac                                    |
|                              |    |    |    |                                                                               |    |    | X Centrollepis pilosa                                    |
|                              |    |    |    |                                                                               |    |    | X Pentaschistis laevis                                   |
|                              |    |    |    |                                                                               |    |    | X Centrollepis <del>schaueri</del> off plumosa           |
|                              |    |    |    |                                                                               |    |    | X Eriophorum polygyna                                    |
|                              |    |    |    |                                                                               |    |    | X Grossula californica var. <del>var.</del>              |
|                              |    |    |    |                                                                               |    |    | X " Siebertiana <del>var.</del>                          |
|                              |    |    |    |                                                                               |    |    | X Galanthea granulifera                                  |
|                              |    |    |    |                                                                               |    |    | X " <del>var.</del> calypso                              |
|                              |    |    |    |                                                                               |    |    | X Crassula <del>pedunculata</del> pedunculata            |
|                              |    |    |    |                                                                               |    |    | X Sagina apetala 15/10                                   |
|                              |    |    |    |                                                                               |    |    | X Schium <del>var.</del> <del>var.</del> (small var) USA |

# BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

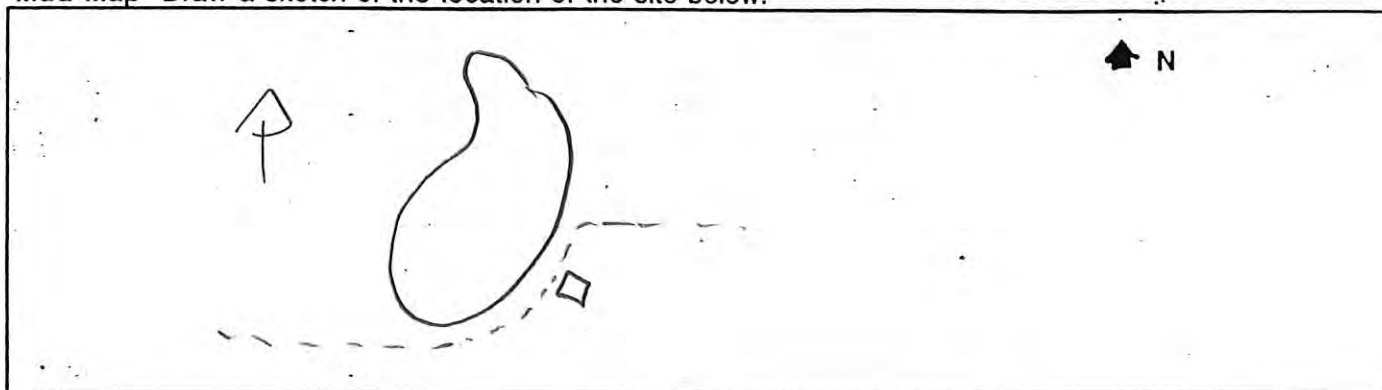
PI 26

BUSHLAND AREA LAKE MAGENTA SITE NUMBER UCL 01  
 DATE TRIP 25-OCT-01 RECORDERS NS AW KB  
 DATE TRIP \_\_\_\_\_ RECORDERS \_\_\_\_\_  
 DATE TRIP \_\_\_\_\_ RECORDERS \_\_\_\_\_  
 BOTANIST \_\_\_\_\_

## 1. LOCATION of the QUADRAT

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

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



## Road Location

Geographic Location Latitude 33 34.46.0 S Longitude 119 13 41.0 E Altitude

Reference Map

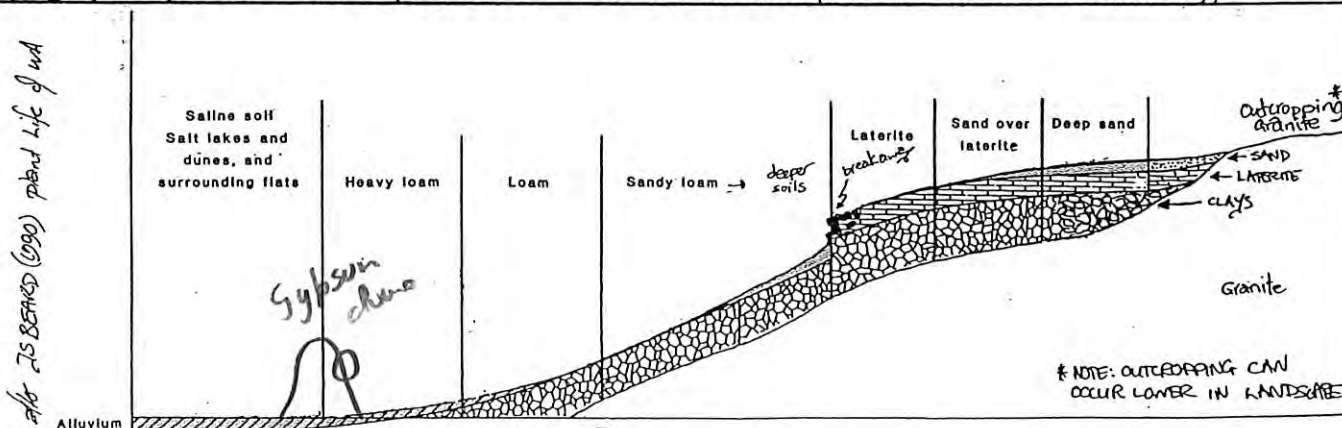
+30m

## Photograph

Photographer's Name

Photo No

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



## 2. SITE DATA Circle the correct response.

|                  |                    |               |       |             |    |     |             |               |               |    |   |    |
|------------------|--------------------|---------------|-------|-------------|----|-----|-------------|---------------|---------------|----|---|----|
| Slope            | flat               | <u>gentle</u> | steep | Aspect      | N  | NE  | E           | SE            | <u>S</u>      | SW | W | NW |
| Surface Soil     | <u>grey gyssum</u> |               |       |             |    |     |             |               | Colour        |    |   |    |
| Exposed rock     | <u>type</u>        |               |       |             |    |     |             |               | % surface     |    |   |    |
| Sub-surface Soil |                    |               |       |             |    |     |             |               | Colour        |    |   |    |
| Rock             | <u>type</u>        |               |       |             |    |     |             |               | depth to rock |    |   |    |
| Drainage         | <u>well</u>        | mod           | poor  | depth water | cm | Wet | all year    | winter/spring |               |    |   |    |
| Litter           | <u>0</u>           |               |       | % cover     |    |     | Bare Ground | <u>30</u>     | % cover       |    |   |    |
|                  | Depth              |               |       | cm          |    |     |             |               |               |    |   |    |

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

## 3. VEGETATION STRUCTURE AND COVER

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

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

| TREES            |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       | MALLEES        |                     |
|------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------|---------------------|
|                  | over 15m                                                                            | 5-15m                                                                               | under 5m                                                                             | over 8m                                                                               | under 8m                                                                              |                |                     |
| LIFE FORM        |    |    |     |    |    | 30m            | 10m                 |
| COVER CLASS (%)  |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                |                     |
| DOMINANT SPECIES |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                |                     |
|                  |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                |                     |
| SHRUBS           |                                                                                     |                                                                                     |                                                                                      |                                                                                       | SHRUBS                                                                                |                |                     |
|                  | over 2m                                                                             | 2m - 1.5m                                                                           | 1.5 - 1m                                                                             | 1 - 0.5m                                                                              | under 0.5m                                                                            |                |                     |
| LIFE FORM        |   |   |    |  |  | 2m             | 1m                  |
| COVER CLASS (%)  |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       | < 30           |                     |
| DOMINANT SPECIES |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       | <i>Wilgaia</i> | <i>rotundifolia</i> |
|                  |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                |                     |
| GRASSES          |                                                                                     | HERBS                                                                               |                                                                                      | SEDGES                                                                                |                                                                                       |                |                     |
|                  |                                                                                     |                                                                                     |                                                                                      | over 0.5m                                                                             | under 0.5m                                                                            |                |                     |
| LIFE FORM        |  |  |  |   |  | 1m             |                     |
| COVER CLASS (%)  | 30-70                                                                               | 30-70                                                                               |                                                                                      |                                                                                       |                                                                                       |                |                     |
| DOMINANT SPECIES | <i>Dactyloctenium</i>                                                               | <i>Artemisia</i>                                                                    |                                                                                      |                                                                                       |                                                                                       |                |                     |
|                  |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                |                     |

## 4. VEGETATION CONDITION

Comments

Heavily grazed by wallabies

**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

Record on Sheet

- Column 1 plant name
- Column 2 plant number

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

[illegible]

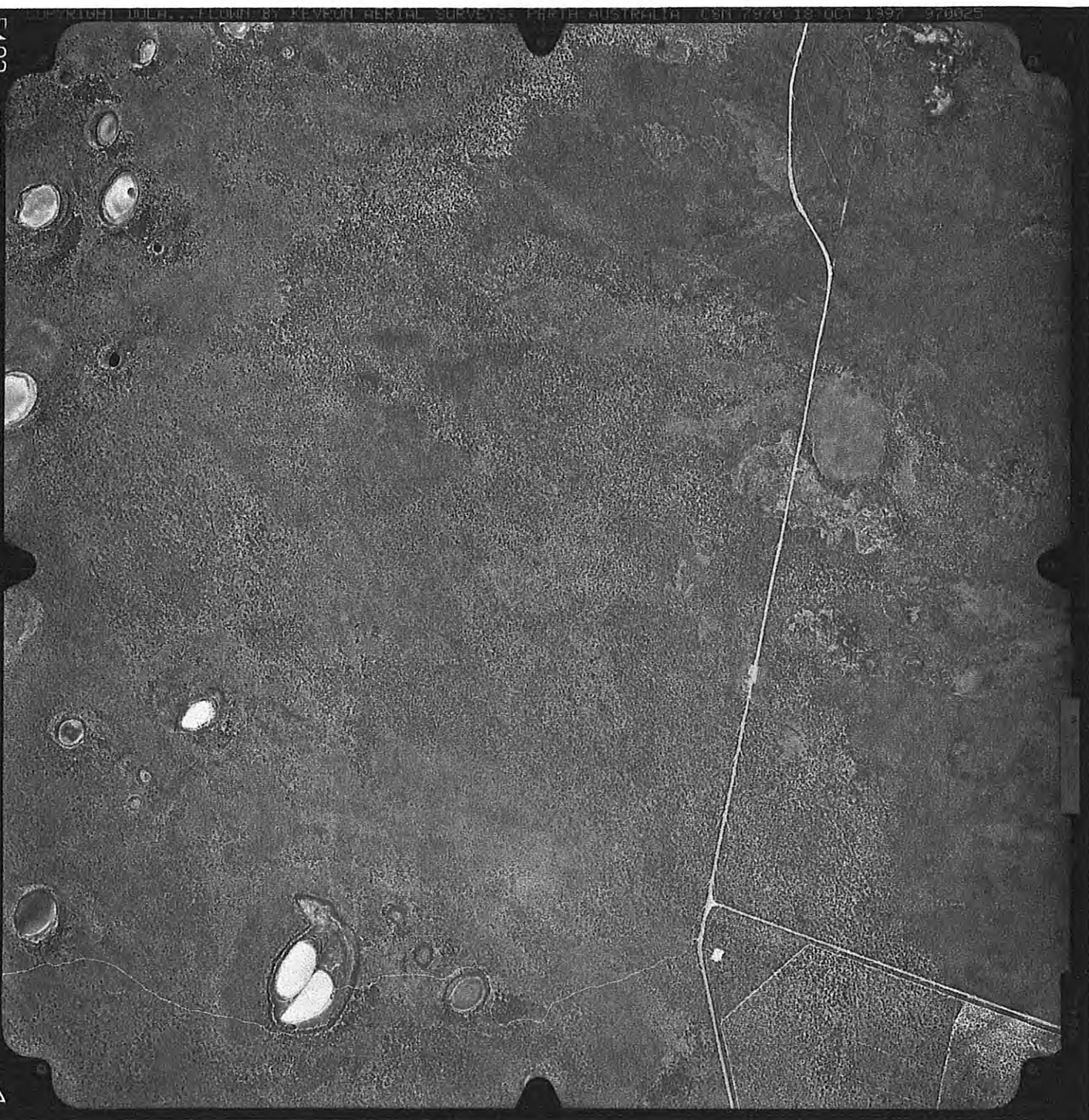
COPYRIGHT DOLA... FLORIDA BY KEYRON AERIAL SURVEYS, PARRA AUSTRALIA CSN 7970 18 OCT 1997 970025

5193

MA3997(C)

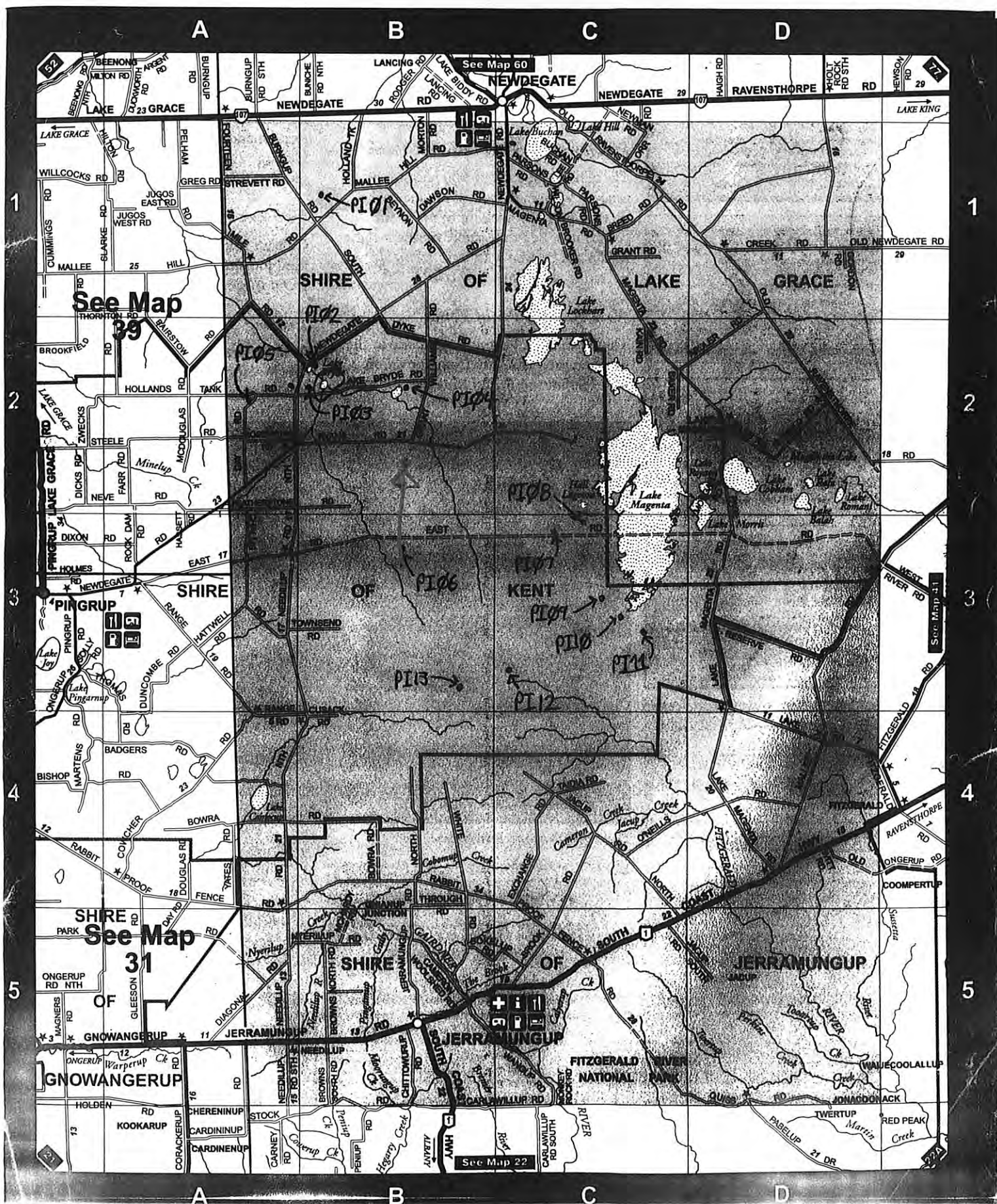
JACUP (2730) 1:100000  
SHEET AREA

RUN 2 (5183-5204) 1:25000 18/10/97 970024



## FOR TOURIST INFORMATION

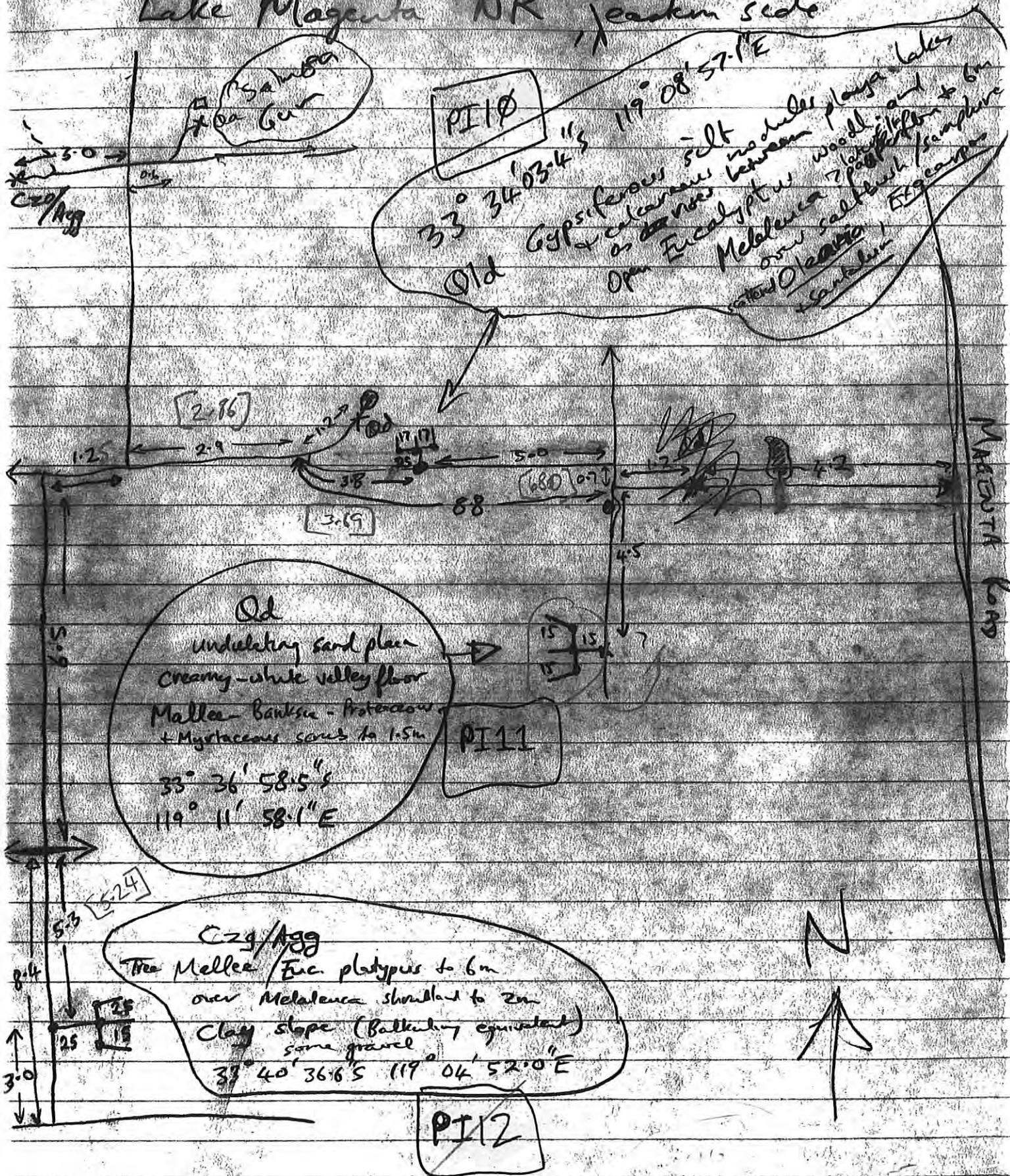
Scale 1 : 500 000  
(1cm = 5km)  
For scale bar see page 14



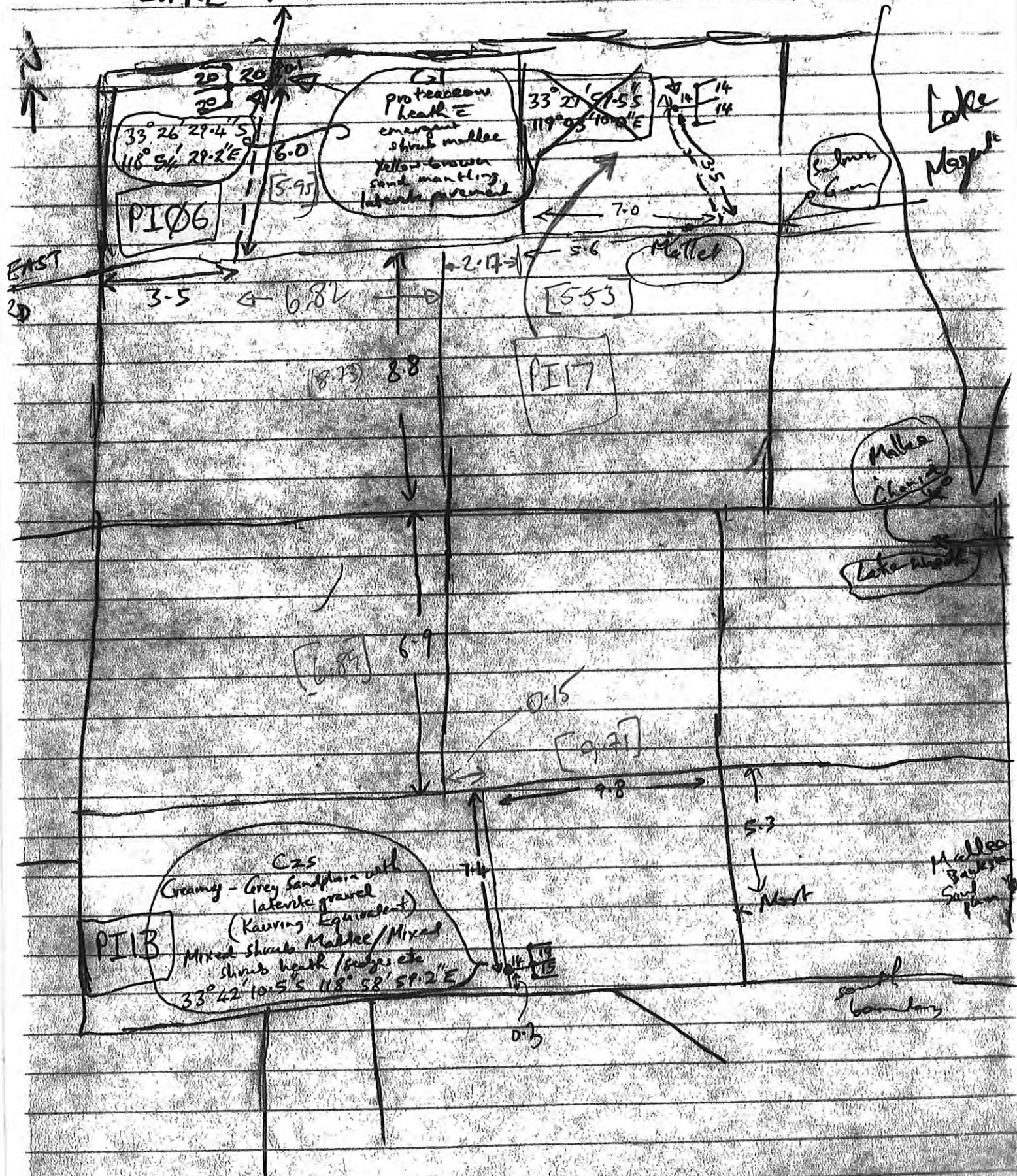


# PINGKEE SURVEY AREA

Lake Magenta NR central eastern side



✓



# PINGRUP SURVEY AREA

## SILVER WATTLE HILL NR

20 km WSW of Newdegate



LAKE GRACE - NEWDEGATE RD

Newdegate

PIØ1

$33^{\circ} 08' 55.7'' S$   
 $118^{\circ} 49' 46.2'' E$

Yellow Sandplain on  
 slope at high level  
 below laterite cap on  
 Mallee - Callistru emergents  
 & Grevillea + proteaceous heath to 65m

Newdegate  
 Agricultural  
 Research Station

Bullcup Pond

STREETER RD

0.5

4.2 km

NR

Access

## (East) LAKE BYRDE NR

10km

Lake Magenta NR

Q1  
 Secondary Samphire (salted)  
 (was fresh in 1971)

$33^{\circ} 21' 19.5'' S$   
 $118^{\circ} 54' 26.1'' E$

2.9



PIØ4

# PINGRUP SURVEY AREA

Adjacent to HOLLAND Rock NR — on the  
Water Reserve south of road. 15 k NW of Lake  
Magenta NR

