

Appendix K Raw Quadrat Data

Robe Valley Phase 2 – MATC04

Described by: MS

Date: 12/06/2015

Type: Quadrat (50 m x 50 m)

MGA Zone: 50 385213 mE 7600655 mN

Landform: Alluvial Plain**Slope:** Flat**Soils**

Soil Texture: Loamy sand over sandy loam

Soil Colour: Red

Rock Type: Ironstone and quartz

Coarse Surface Particles

Site Coverage: 2 %

Size: 0.2 to 2 cm

Outcropping: Nil

Ground Cover

Bare Soil: 30 %

Litter: 5 %



Vegetation: *Corymbia hamersleyana* and *Corymbia zygophylla* scattered low trees over *Acacia ancistrocarpa*, *Acacia trachycarpa* and *Acacia tumida* var. *pilbarensis* open shrubland over *Triodia lanigera* open hummock grassland.

Condition: Excellent**Fire Age:** > 5 years**Disturbance:** None**Species List**

Species Name	Height (m)	Cover (%)
<i>Acacia ancistrocarpa</i>	1 to 2	10
<i>Acacia arida</i>	0.5	0.1
<i>Acacia atkinsiana</i>	0.3	0.1
<i>Acacia bivenosa</i>	1	0.1
<i>Acacia trachycarpa</i>	1.5	5
<i>Acacia tumida</i> var. <i>pilbarensis</i>	2.5	3
<i>Bonamia alatisemina</i>	-	0.1
<i>Corchorus sidoides</i> subsp. <i>sidoides</i>	0.1	0.1
<i>Corchorus</i> sp.	0.6	0.1
<i>Corchorus tectus</i>	0.4	0.1
<i>Corymbia hamersleyana</i>	4 - 6	1
<i>Corymbia zygophylla</i>	3	0.1
<i>Dodonaea coriacea</i>	0.8	0.1
<i>Eragrostis eriopoda</i>	0.3	0.1
<i>Goodenia microptera</i>	0.2	0.1
<i>Heliotropium transforme</i>	0.3	0.1
<i>Hibiscus sturtii</i> var. <i>campylochlamys</i>	0.2	0.1
<i>Indigofera boviparda</i> subsp. <i>boviparda</i>	0.3	0.1
<i>Indigofera monophylla</i>	0.1	0.1
<i>Keraudrenia nephrosperma</i>	0.8	0.1
<i>Keraudrenia velutina</i> subsp. <i>elliptica</i>	0.6	0.1
<i>Mollugo molluginea</i>	0.1	0.1
<i>Ptilotus astrolasius</i>	0.4	0.1
<i>Ptilotus calostachyus</i>	1.2	0.1
<i>Ptilotus fusiformis</i>	0.4	0.1
<i>Ptilotus obovatus</i> var. <i>obovatus</i>	0.4	0.1
<i>Senna notabilis</i>	0.2	0.1
<i>Sida cardiophylla</i>	0.8	1
<i>Sida clementii</i>	0.7	0.1
<i>Sida</i> sp.	0.1	0.1
<i>Solanum diversiflorum</i>	0.25	0.1
<i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i>	0.3	0.1
<i>Triodia lanigera</i>	0.4	20

Robe Valley Phase 2 – MATH13A

Described by: MS & SiCo

Date: 13/06/2015

Type: Quadrat (50 m x 50 m)

MGA Zone: 50 390772 mE 7603196 mN

Landform: Alluvial Plain**Slope:** Flat**Soils**

Soil Texture: Loamy clay

Soil Colour: Red

Rock Type: Ironstone

Coarse Surface Particles

Site Coverage: 80 %

Size: 0.2 to 6 cm

Outcropping: Nil

Ground Cover

Bare Soil: 2 %

Litter: 5 %



Vegetation: *Acacia ancistrocarpa* scattered tall shrubs over *Acacia bivenosa* open shrubland over *Senna artemisioides* subsp. *oligophylla* low open shrubland over *Triodia epactia* hummock grassland.

General Notes: Disturbance opportunist species have spread from neighbouring burnt area.

Condition: Excellent**Fire Age:** > 3 years**Disturbance:** **Cenchrus ciliaris*, **Cenchrus setiger*, **Vachellia farnesiana***Species List**

Species Name	Height (m)	Cover (%)
<i>Acacia ancistrocarpa</i>	2 to 3	2
<i>Acacia arida</i>	1.3	0.1
<i>Acacia atkinsiana</i>	1.2	0.1
<i>Acacia bivenosa</i>	2	2
<i>Acacia synchronicia</i>	1.2	0.1
<i>Boerhavia coccinea</i>	-	0.1
<i>Bulbostylis barbata</i>	0.1	0.1
* <i>Cenchrus ciliaris</i>	0.3	0.1
* <i>Cenchrus setiger</i>	0.1	0.1
<i>Cleome viscosa</i>	0.2	0.1
<i>Corchorus sidoides</i> subsp. <i>sidoides</i>	0.25	0.1
<i>Dysphania rhadinostachya</i> subsp. <i>rhadinostachya</i>	0.2	0.1
<i>Euphorbia australis</i> var. <i>subtomentosa</i>	0.1	0.1
<i>Euphorbia boophthona</i> (large seed form)	0.1	0.1
<i>Euphorbia tannensis</i> subsp. <i>eremophila</i>	0.2	0.1
<i>Evolvulus alsinoides</i> var. <i>villosicalyx</i>	0.1	0.1
<i>Gomphrena affinis</i> subsp. <i>pilbarensis</i>	0.1	0.1
<i>Haloragis gossei</i> var. <i>gossei</i>	0.2	0.1
<i>Hibiscus sturtii</i> var. <i>campylochlamys</i>	-	0.1
<i>Ipomoea muelleri</i>	-	0.1
<i>Paspalidium clementii</i>	0.4	0.1
<i>Phyllanthus erwinii</i>	0.1	0.1
<i>Portulaca oleracea</i>	-	0.1
<i>Ptilotus nobilis</i> subsp. <i>nobilis</i>	0.2	0.1
<i>Rhynchosia minima</i>	-	0.1
<i>Senna artemisioides</i> subsp. <i>oligophylla</i>	1.2	2
<i>Senna notabilis</i>	0.1	0.1
<i>Sida arsinata</i>	0.35	0.1
<i>Sida echinocarpa</i>	0.4	0.1
<i>Solanum horridum</i>	0.3	0.1

Species Name	Height (m)	Cover (%)
<i>Sporobolus australasicus</i>	0.1	0.1
<i>Stemodia grossa</i>	0.2	0.1
<i>Streptoglossa bubakii</i>	0.1	0.1
<i>Trachymene oleracea</i> subsp. <i>oleracea</i>	0.1	0.1
<i>Tribulus astrocarpus</i>	-	0.1
<i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i>	0.1	0.1
<i>Triodia epactia</i>	0.5	30
<i>Triumfetta clementii</i>	0.1	0.1
* <i>Vachellia farnesiana</i>	0.05	0.1

Robe Valley Phase 2 – MATH14

Described by: ShTh
MGA Zone: 50 393225 mE 7603253
mN

Date: 17/06/2015

Type: Quadrat (50 m x 50 m)

Landform: Floodway
Slope: Flat to very gentle (north aspect)

Soils

Soil Texture: Silty Loam
Soil Colour: Red brown
Rock Type: Ironstone

Coarse Surface Particles

Site Coverage: Nil
Size: N/A
Outcropping: Nil

Ground Cover

Bare Soil: 45 %
Litter: 40 %



Vegetation: *Eucalyptus victrix* and *Eucalyptus camaldulensis* subsp. *refulgens* mid woodland over *Melaleuca glomerata* low isolated trees over *Acacia trachycarpa* mid sparse shrubland.

Condition: Degraded **Fire Age:** > 5 years **Disturbance:** **Aerva javanica*, **Cenchrus ciliaris*, **Cenchrus setiger*, **Citrullus colocynthis*

Species List

Species Name	Height (m)	Cover (%)
<i>Abutilon</i> sp. <i>Dioicum</i> (A.A. Mitchell PRP 1618)	0.4	0.1
<i>Acacia pyrifolia</i> var. <i>morrisonii</i>	1.8	0.1
<i>Acacia trachycarpa</i>	4	10
<i>*Aerva javanica</i>	0.5	0.1
<i>Amaranthus undulatus</i>	0.35	0.1
<i>Boerhavia coccinea</i>	-	0.1
<i>Brachyachne convergens</i>	-	0.1
<i>Bulbostylis barbata</i>	0.1	0.1
<i>*Cenchrus ciliaris</i>	0.7	20
<i>*Cenchrus setiger</i>	0.7	10
<i>*Citrullus colocynthis</i>	0.4	0.1
<i>Cleome viscosa</i>	0.3	0.1
<i>Corchorus sidoides</i> subsp. <i>sidoides</i>	1.1	0.1
<i>Corchorus tectus</i>	0.3	0.1
<i>Cucumis variabilis</i>	-	0.1
<i>Cyperus vaginatus</i>	0.35	0.1
<i>Dysphania melanocarpa</i>	0.25	0.1
<i>Dysphania rhadinostachya</i> subsp. <i>rhadinostachya</i>	0.15	0.1
<i>Eucalyptus camaldulensis</i> subsp. <i>refulgens</i>	9	5
<i>Eucalyptus victrix</i>	8	15
<i>Euphorbia australis</i> (mid-green form)	-	0.1
<i>Euphorbia boophthona</i> (large seed form)	0.25	0.1
<i>Euphorbia coghlanii</i>	0.3	0.1
<i>Euphorbia schultzei</i>	0.2	0.1
<i>Euphorbia wheeleri</i>	0.2	0.1
<i>Goodenia lamprosperma</i>	0.5	0.1
<i>Gossypium robinsonii</i>	1.5	0.1
<i>Hybanthus aurantiacus</i>	0.3	0.1
<i>Indigofera colutea</i>	0.1	0.1
<i>Melaleuca glomerata</i>	4	1

Species Name	Height (m)	Cover (%)
<i>Nicotiana occidentalis</i> subsp. <i>obliqua</i>	0.35	0.1
<i>Notoleptopus decaisnei</i> var. <i>decaisnei</i>	0.1	0.1
<i>Paspalidium clementii</i>	0.3	0.1
<i>Petalostylis labicheoides</i>	2	0.1
<i>Phyllanthus erwinii</i>	0.1	0.1
<i>Phyllanthus maderaspatensis</i>	0.3	0.1
<i>Pluchea rubelliflora</i>	0.15	0.1
<i>Sesbania cannabina</i>	2.2	0.1
<i>Setaria dielsii</i>	0.5	0.1
<i>Sida rohlenae</i> subsp. <i>rohlenae</i>	0.4	0.1
<i>Solanum horridum</i>	0.1	0.1
<i>Stemodia grossa</i>	0.8	1.5
<i>Streptoglossa bubakii</i>	0.25	0.1
<i>Tephrosia rosea</i> var. <i>Fortescue creeks</i> (M.I.H. Brooker 2186)	0.7	0.1
<i>Trachymene oleracea</i> subsp. <i>oleracea</i>	0.2	0.1
<i>Triodia epactia</i>	0.3	0.1
<i>Triumfetta appendiculata</i>	0.6	0.1

Robe Valley Phase 2 – MATME

Described by:

ShTh

Date: 19/06/2015

Type: Quadrat (50 m x 50 m)

MGA Zone:

50 387282 mE 7603506 mN

Landform: Plain**Slope:** Flat**Soils**

Soil Texture: Clay loam

Soil Colour: Red brown

Rock Type: Ironstone

Coarse Surface Particles

Site Coverage: 1 %

Size: 2 to 6 mm

Outcropping: Nil

Ground Cover

Bare Soil: 10 %

Litter: 4 %



Vegetation: *Acacia tetragonophylla* and *Acacia ancistrocarpa* tall sparse shrubland over *Triodia wiseana* hummock grassland.

General Notes: 2**Condition:** Excellent**Fire Age:** > 5 years**Disturbance:** **Bidens bipinnata*, **Cenchrus setiger*, **Malvastrum americanum***Species List**

Species Name	Height (m)	Cover (%)
<i>Abutilon lepidum</i>	1.5	0.1
<i>Abutilon otocarpum</i>	0.5	0.1
<i>Abutilon</i> sp. <i>Pilbara</i> (W.R. Barker 2025)	0.4	0.1
<i>Acacia ancistrocarpa</i>	2	2
<i>Acacia synchronicia</i>	2	0.1
<i>Acacia tetragonophylla</i>	3	2
<i>Alternanthera nana</i>	0.1	0.1
<i>Alternanthera nodiflora</i>	0.3	0.1
<i>Amaranthus undulatus</i>	0.2	0.1
<i>Austrobryonia pilbarensis</i>	0.1	0.1
* <i>Bidens bipinnata</i>	0.1	0.1
<i>Blumea tenella</i>	0.2	0.1
<i>Boerhavia coccinea</i>	-	0.1
<i>Buchnera</i> ? <i>linearis</i>	0.4	0.1
<i>Calocephalus knappii</i>	0.1	0.1
* <i>Cenchrus setiger</i>	0.6	0.1
<i>Cheilanthes sieberi</i> subsp. <i>sieberi</i>	0.2	0.1
<i>Chloris pectinata</i>	0.1	0.1
<i>Cleome viscosa</i>	0.5	0.1
<i>Cucumis melo</i>	0.1	0.1
<i>Cucumis variabilis</i>		0.1
<i>Cullen pogonocarpum</i>	0.2	0.1
<i>Dactyloctenium radulans</i>	0.2	0.1
<i>Dichanthium sericeum</i> subsp. <i>humilius</i>	0.1	0.1
<i>Dichanthium sericeum</i> subsp. <i>sericeum</i>	0.4	0.1
<i>Digitaria brownii</i>	0.7	0.1
<i>Dysphania rhadinostachya</i> subsp. <i>rhadinostachya</i>	0.3	0.1
<i>Euphorbia boophthona</i> (large seed form)	0.2	0.1
<i>Euphorbia tannensis</i> subsp. <i>eremophila</i>	0.3	0.1
<i>Evolvulus alsinoides</i> var. <i>villosicalyx</i>	0.3	0.1

Species Name	Height (m)	Cover (%)
<i>Gomphrena affinis</i> subsp. <i>pilbarensis</i>	0.5	0.1
<i>Goodenia forrestii</i>	0.3	0.1
<i>Haloragis gossei</i> var. <i>gossei</i>	0.3	0.1
<i>Ipomoea muelleri</i>		0.1
<i>Iseilema dolichotrichum</i>	0.2	0.1
<i>Lepidium pholidogynum</i>	0.2	0.1
* <i>Malvastrum americanum</i>	0.3	0.1
<i>Phyllanthus erwinii</i>	0.25	0.1
<i>Portulaca oleracea</i>		0.1
<i>Pterocaulon sphaeranthoides</i>	0.4	0.1
<i>Ptilotus appendiculatus</i>	0.1	0.1
<i>Ptilotus auriculifolius</i>	0.25	0.1
<i>Ptilotus nobilis</i> subsp. <i>nobilis</i>	0.3	0.1
<i>Rhagodia eremaea</i>	0.8	0.1
<i>Senna artemisioides</i> subsp. <i>oligophylla</i>	1.2	0.1
<i>Senna notabilis</i>	0.2	0.1
<i>Sida arsinata</i>	0.5	0.1
<i>Sida echinocarpa</i>	0.4	0.1
<i>Solanum cleistogamum</i>	0.5	0.1
<i>Solanum horridum</i>	0.1	0.1
<i>Sporobolus australasicus</i>	0.1	0.1
<i>Stemodia grossa</i>	0.3	0.1
<i>Streptoglossa bubakii</i>	0.3	0.1
<i>Striga squamigera</i>	0.2	0.1
<i>Tephrosia</i> aff. <i>remotiflora</i> (Peedamulla form)	0.3	0.1
<i>Tephrosia uniovulata</i>	0.2	0.1
<i>Trachymene oleracea</i> subsp. <i>oleracea</i>	0.2	0.1
<i>Tribulus astrocarpus</i>	-	0.1
<i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i>	1.2	0.1
<i>Triodia lanigera</i>		
<i>Triodia wiseana</i>	0.7	70
<i>Triumfetta clementii</i>	0.4	0.1

Robe Valley Phase 2 – MATMG

Described by: ShCh

Date: 16/06/2015

Type: Quadrat (50 m x 50 m)

MGA Zone: 50 381290 mE 7601696 mN

Landform: Plain**Slope:** Flat to very gentle (north aspect)**Soils**

Soil Texture: Clay Loam

Soil Colour: Red brown

Rock Type: Ironstone

Coarse Surface Particles

Site Coverage: 10 %

Size: 2 to 6 cm

Outcropping: Nil

Ground Cover

Bare Soil: 70 %

Litter: 2 %

**Vegetation:** *Acacia arida* tall sparse shrubland over *Tridodia wiseana* open hummock grassland.**Condition:** Excellent **Fire Age:** > 10 years **Disturbance:** None**Species List**

Species Name	Height (m)	Cover (%)
<i>Acacia ancistrocarpa</i>	2.5	0.1
<i>Acacia arida</i>	2.5	3
<i>Acacia atkinsiana</i>	2.5	1.5
<i>Acacia bivenosa</i>	2	0.1
<i>Acacia inaequilatera</i>	2.5	0.1
<i>Aristida contorta</i>	0.2	0.1
<i>Corchorus tectus</i>	0.3	0.1
<i>Dysphania rhadinostachya</i> subsp. <i>rhadinostachya</i>	0.2	0.1
<i>Evolvulus alsinoides</i> var. <i>villosicalyx</i>	0.2	0.1
<i>Goodenia microptera</i>	0.2	0.1
<i>Indigofera boviparda</i> subsp. <i>boviparda</i>	0.3	0.1
<i>Portulaca oleracea</i>	0.1	0.1
<i>Ptilotus aervoides</i>	-	0.1
<i>Ptilotus calostachyus</i>	0.4	0.1
<i>Sida arenicola</i>	0.3	0.1
<i>Streptoglossa bubakii</i>	0.3	0.1
<i>Tridodia wiseana</i>	0.5	30

Robe Valley Phase 2 – MATMH

Described by: MS & SiCo
MGA Zone: 50 385217 mE 7600797 mN

Date: 12/06/2015

Type: Relevé (~50 m x 50 m)

Landform: Plain
Slope: Very gentle

Soils

Soil Texture: Sandy clay loam
Soil Colour: Red brown
Rock Type: Ironstone and quartz

Coarse Surface Particles

Site Coverage: 70 %
Size: 0.2 to 6 cm
Outcropping: Nil

Ground Cover

Bare Soil: 10 %
Litter: 2 %



Vegetation: *Acacia ancistrocarpa* tall sparse shrubland over *Triodia lanigera* open hummock grassland.

Condition: Excellent **Fire Age:** > 5 years **Disturbance:** None

Species List

Species Name	Height (m)	Cover (%)
<i>Abutilon</i> sp. <i>Pilbara</i> (W.R. Barker 2025)	0.6	0.1
<i>Acacia ancistrocarpa</i>	2.5	3.5
<i>Acacia atkinsiana</i>	2	0.1
<i>Acacia bivenosa</i>	0.4	0.1
<i>Acacia inaequilatera</i>	2.5	0.1
<i>Acacia tumida</i> var. <i>pilbarensis</i>	0.2	0.1
<i>Aristida holathera</i> var. <i>holathera</i>	0.2	0.1
<i>Bulbostylis barbata</i>	0.1	0.1
<i>Corchorus sidoides</i> subsp. <i>sidoides</i>	0.5	0.1
<i>Corymbia candida</i>	3	0.1
<i>Corymbia zygophylla</i>	4	0.1
<i>Dysphania rhadinostachya</i> subsp. <i>rhadinostachya</i>	0.15	0.1
<i>Eriachne aristidea</i>	0.2	0.1
<i>Eriachne pulchella</i> subsp. <i>dominii</i>	0.1	0.1
<i>Euphorbia boophthona</i> (large seed form)	0.2	0.1
<i>Euphorbia tannensis</i> subsp. <i>eremophila</i>	0.2	0.1
<i>Goodenia microptera</i>	0.2	0.1
<i>Grevillea wickhamii</i> subsp. <i>macrodonga</i>	2.5	0.1
<i>Haloragis gossei</i> var. <i>gossei</i>	0.1	0.1
<i>Mollugo molluginea</i>	0.1	0.1
<i>Ptilotus astrolasius</i>	0.5	0.1
<i>Ptilotus calostachyus</i>	0.2	0.1
<i>Ptilotus fusiformis</i>	0.3	0.1
<i>Senna notabilis</i>	0.1	0.1
<i>Sida arsinata</i>	0.1	0.1
<i>Sida cardiophylla</i>	0.5	0.1
<i>Sida echinocarpa</i>	0.5	0.1
<i>Streptoglossa bubakii</i>	0.1	0.1
<i>Trachymene oleracea</i> subsp. <i>oleracea</i>	0.2	0.1
<i>Tribulus astrocarpus</i>	-	0.1
<i>Tribulus macrocarpus</i>	0.1	0.1
<i>Triodia lanigera</i>	0.6	25
<i>Triodia wiseana</i>	0.4	0.1

Robe Valley Phase 2 – MATR11

Described by: MS & SiCo

Date: 14/06/2015

Type: Relevé (~50 m x 50 m)

MGA Zone: 50 390619 mE 7604074 mN

Landform: Plain
Slope: Very gentle

Soils

Soil Texture: Clay loam
 Soil Colour: Red brown
 Rock Type: Ironstone

Coarse Surface Particles

Site Coverage: 50 %
 Size: 0.2 to 20 cm
 Outcropping: Nil

Ground Cover

Bare Soil: 25 %
 Litter: 2 %



Vegetation: *Acacia bivenosa* mid open shrubland over *Tridodia wiseana* sparse hummock grassland.

General Notes: The pole from the Biota survey was missing. The original GPS point was located in the middle of a bare patch. A Relevé (~50 m x 50 m) was completed near the original quadrat location

Condition: Excellent **Fire Age:** 3 to 5 years **Disturbance:** **Aerva javanica*, **Cenchrus ciliaris*

Species List

Species Name	Height (m)	Cover (%)
<i>Acacia ancistrocarpa</i>	2	0.1
<i>Acacia arida</i>	0.6	0.1
<i>Acacia atkinsiana</i>	1.5	0.1
<i>Acacia bivenosa</i>	1.5	20
<i>Acacia inaequilatera</i>	0.6	0.1
<i>Acacia sclerosperma</i> subsp. <i>sclerosperma</i>	1.2	0.1
<i>Acacia synchronicia</i>	0.1	0.1
<i>Acacia trachycarpa</i>	1.1	0.1
<i>Acacia tumida</i> var. <i>pilbarensis</i>	0.6	0.1
* <i>Aerva javanica</i>	0.6	0.1
<i>Bonamia erecta</i>	0.1	0.1
<i>Bulbostylis barbata</i>	0.1	0.1
<i>Calocephalus knappii</i>	0.4	0.1
* <i>Cenchrus ciliaris</i>	0.4	0.1
<i>Cleome viscosa</i>	0.1	0.1
<i>Corchorus lasiocarpus</i>	0.5	0.1
<i>Corchorus sidoides</i> subsp. <i>sidoides</i>	0.8	0.1
<i>Cucumis melo</i>	-	0.1
<i>Dysphania kalpari</i>	0.1	0.1
<i>Dysphania rhadinostachya</i> subsp. <i>inflata</i>	0.2	0.1
<i>Dysphania rhadinostachya</i> subsp. <i>rhadinostachya</i>	0.2	0.1
<i>Enneapogon polyphyllus</i>	0.1	0.1
<i>Eriachne mucronata</i>	0.4	0.1
<i>Euphorbia australis</i> (mid-green form)	0.1	0.1
<i>Euphorbia boophthona</i> (large seed form)	0.1	0.1
<i>Evolvulus alsinoides</i> var. <i>villosicalyx</i>	0.3	0.1
<i>Goodenia microptera</i>	0.1	0.1
<i>Haloragis gossei</i> var. <i>gossei</i>	0.1	0.1
<i>Hibiscus sturtii</i> var. <i>campylochlamys</i>	0.2	0.1
<i>Indigofera monophylla</i>	0.3	0.1

Species Name	Height (m)	Cover (%)
<i>Mollugo molluginea</i>	0.2	0.1
<i>Notoleptopus decaisnei</i>	0.1	0.1
<i>Paspalidium clementii</i>	0.2	0.1
<i>Petalostylis labicheoides</i>	2	0.1
<i>Polycarpaea longiflora</i>	0.1	0.1
<i>Portulaca oleracea</i>	-	0.1
<i>Ptilotus aervoides</i>	-	0.1
<i>Ptilotus calostachyus</i>	0.2	0.1
<i>Ptilotus nobilis</i> subsp. <i>nobilis</i>	0.3	0.1
<i>Salsola australis</i>	0.2	0.1
<i>Senna glutinosa</i> subsp. <i>glutinosa</i>	1.7	0.1
<i>Senna glutinosa</i> subsp. <i>pruinosa</i>	1.8	0.1
<i>Senna glutinosa</i> subsp. <i>x luerssenii</i>	1.5	0.1
<i>Senna notabilis</i>	0.3	0.1
<i>Sida arsiniata</i>	0.35	0.1
<i>Sida cardiophylla</i>	0.1	0.1
<i>Sida clementii</i>	0.4	0.1
<i>Sida echinocarpa</i>	0.2	0.1
<i>Sida</i> sp. <i>Pilbara</i> (A.A. Mitchell PRP 1543)	0.45	0.1
<i>Solanum diversiflorum</i>	0.1	0.1
<i>Solanum horridum</i>	0.3	0.1
<i>Sporobolus australasicus</i>	0.1	0.1
<i>Streptoglossa bubakii</i>	0.1	0.1
<i>Trachymene oleracea</i> subsp. <i>oleracea</i>	0.1	0.1
<i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i>	0.2	0.1
<i>Triodia wiseana</i>	0.5	0.5
<i>Triumfetta clementii</i>	0.15	0.1

Robe Valley Phase 2 – MATR13

Described by: ShCh & ShTh Date: 9/06/2015
MGA Zone: 50 387851 mE 7603383 mN

Type: Quadrat (50 m x 50 m)

Landform: Plain
Slope: Flat

Soils

Soil Texture: Clay loam
Soil Colour: Red brown
Rock Type: Ironstone

Coarse Surface Particles

Site Coverage: 0 %
Size: N/A
Outcropping: Nil

Ground Cover

Bare Soil: 30 %
Litter: 0 %



Vegetation: *Acacia xiphophylla* tall sparse shrubland over *Senna artemisioides* subsp. *oligophylla* over *Triodia epactia* open hummock grassland.

Condition: Excellent
***Vachellia farnesiana**

Fire Age:

Disturbance: **Malvastrum americanum*, **Setaria verticillata*,

Species List

Species Name	Height (m)	Cover (%)
<i>Abutilon fraseri</i>	0.3	0.1
<i>Abutilon lepidum</i>	0.3	0.1
<i>Acacia ancistrocarpa</i>	2	0.1
<i>Acacia sclerosperma</i> subsp. <i>sclerosperma</i>	1.5	1
<i>Acacia tetragonophylla</i>	2	0.1
<i>Acacia xiphophylla</i>	3	8
<i>Alternanthera nana</i>	0.5	0.1
<i>Amaranthus mitchellii</i>	0.3	0.1
<i>Blumea tenella</i>	0.1	0.1
<i>Boerhavia repleta</i>	0.1	0.1
<i>Bulbostylis barbata</i>	0.1	0.1
<i>Bulbostylis turbinata</i>	0.1	0.1
<i>Centipeda minima</i> subsp. <i>macrocephala</i>	0.1	0.1
<i>Chrysopogon fallax</i>	0.35	0.1
<i>Cleome viscosa</i>	0.4	0.1
<i>Corchorus sidoides</i> subsp. <i>sidoides</i>	0.4	0.1
<i>Corymbia candida</i>	3	0.1
<i>Cucumis melo</i>	-	0.1
<i>Cucumis variabilis</i>	-	0.1
<i>Cyperus iria</i>	0.1	0.1
<i>Dichanthium sericeum</i> subsp. <i>sericeum</i>	0.1	0.1
<i>Dysphania rhadinostachya</i> subsp. <i>inflata</i>	0.25	0.1
<i>Dysphania rhadinostachya</i> subsp. <i>rhadinostachya</i>	0.15	0.5
<i>Enchylaena tomentosa</i> var. <i>tomentosa</i>	0.5	0.1
<i>Eragrostis exigua</i>	0.1	0.1
<i>Eragrostis setifolia</i>	0.35	0.1
<i>Eragrostis tenellula</i>	0.2	0.1
<i>Eragrostis xerophila</i>	0.4	0.1
<i>Eremophila forrestii</i> subsp. <i>forrestii</i>	1.3	0.1
<i>Eriachne benthamii</i>	22.5	0.4
<i>Eriachne mucronata</i>	0.4	0.1

Species Name	Height (m)	Cover (%)
<i>Eriachne pulchella</i> subsp. <i>dominii</i>	0.1	0.1
<i>Euphorbia boophthona</i> (large seed form)	0.2	0.5
<i>Euphorbia tannensis</i> subsp. <i>eremophila</i>	0.3	0.1
<i>Evolvulus alsinoides</i> var. <i>villosicalyx</i>	0.1	0.1
<i>Gomphrena affinis</i> subsp. <i>pilbarensis</i>	0.15	0.1
<i>Haloragis gossei</i> var. <i>gossei</i>	0.1	0.1
<i>Hibiscus sturtii</i> var. <i>campylochlamys</i>	0.3	0.1
<i>Ipomoea coptica</i>	-	0.1
<i>Ipomoea muelleri</i>	-	0.1
<i>Iseilema membranaceum</i>	0.15	0.1
* <i>Malvastrum americanum</i>	0.5	0.1
<i>Marsilea exarata</i>	0.1	0.1
<i>Mimulus gracilis</i>	0.25	0.1
<i>Neptunia dimorphantha</i>	-	0.1
<i>Paspalidium clementii</i>	0.2	0.1
<i>Paspalidium rarum</i>	0.2	0.1
<i>Portulaca oleracea</i>	-	0.1
<i>Ptilotus gomphrenoides</i>	0.2	0.1
<i>Ptilotus nobilis</i> subsp. <i>nobilis</i>	0.5	0.1
<i>Ptilotus obovatus</i> var. <i>obovatus</i>	1	0.1
<i>Rhagodia eremaea</i>	1.5	0.1
<i>Rhynchosia minima</i>	-	0.1
<i>Salsola australis</i>	0.3	0.1
<i>Senna artemisioides</i> subsp. <i>oligophylla</i>	1.3	1
* <i>Setaria verticillata</i>	0.4	0.1
<i>Sida fibulifera</i>	0.3	0.1
<i>Solanum horridum</i>	0.1	0.5
<i>Sporobolus australasicus</i>	0.15	0.1
<i>Streptoglossa bubakii</i>	0.2	0.1
<i>Synaptantha tillaeacea</i> var. <i>tillaeacea</i>	0.1	0.1
<i>Tribulus macrocarpus</i>	-	0.1
<i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i>	0.1	0.1
<i>Triodia epactia</i>	0.5	30
<i>Triodia wiseana</i>	0.4	0.1
<i>Urochloa occidentalis</i> var. <i>occidentalis</i>	0.2	0.1
* <i>Vachellia farnesiana</i>	0.25	0.1

Robe Valley Phase 2 – MEA23Described by: ShCh & ShTh
MGA Zone: 50 382589 mE 7602702 mN

Date: 17/06/2015

Type: Quadrat (50 m x 50 m)

Landform: Plain
Slope: Flat**Soils**Soil Texture: Clay Loam
Soil Colour: Red brown
Rock Type: Ironstone**Coarse Surface Particles**Site Coverage: 10 %
Size: 2 to 6 cm
Outcropping: 5 %**Ground Cover**Bare Soil: 75 %
Litter: 3 %**Vegetation:** *Acacia atkinsoniana* mid open shrubland over *Triodia wiseana* open hummock grassland.**General Notes:** This area may have been disturbed, there are bands of *Acacia* thicket and large areas of bare ground.**Condition:** Very good **Fire Age:** > 5 years **Disturbance:** None**Species List**

Species Name	Height (m)	Cover (%)
<i>Abutilon</i> sp. <i>Pilbara</i> (W.R. Barker 2025)	0.3	0.1
<i>Acacia ancistrocarpa</i>	0.1	0.1
<i>Acacia atkinsiana</i>	2	20
<i>Acacia bivenosa</i>	1.7	0.1
<i>Acacia inaequilatera</i>	2.5	0.1
<i>Aristida holathera</i> var. <i>holathera</i>	0.2	0.1
<i>Corchorus sidoides</i> subsp. <i>sidoides</i>	0.4	0.1
<i>Corchorus tectus</i>	0.4	0.1
<i>Cucumis variabilis</i>	-	0.1
<i>Dysphania rhadinostachya</i> subsp. <i>rhadinostachya</i>	0.2	0.1
<i>Eremophila longifolia</i>	1.5	0.1
<i>Eriachne aristidea</i>	0.3	0.1
<i>Euphorbia boophthona</i> (large seed form)	0.3	0.1
<i>Euphorbia tannensis</i> subsp. <i>eremophila</i>	0.3	0.1
<i>Evolvulus alsinoides</i> var. <i>villosicalyx</i>	0.2	0.1
<i>Gomphrena affinis</i> subsp. <i>pilbarensis</i>	0.3	0.1
<i>Goodenia microptera</i>	0.3	0.1
<i>Hakea lorea</i> subsp. <i>lorea</i>	2	0.1
<i>Hibiscus coatesii</i>	0.4	0.1
<i>Hibiscus sturtii</i> var. <i>platychlamys</i>	0.4	0.1
<i>Indigofera boviparda</i> subsp. <i>boviparda</i>	0.2	0.1
<i>Ptilotus appendiculatus</i>	-	0.1
<i>Ptilotus fusiformis</i>	0.3	0.1
<i>Ptilotus nobilis</i> subsp. <i>nobilis</i>	0.9	0.1
<i>Senna notabilis</i>	0.2	0.1
<i>Solanum sturtianum</i>	0.5	0.1
<i>Streptoglossa bubakii</i>	0.2	0.1
<i>Trachymene oleracea</i> subsp. <i>oleracea</i>	0.4	0.1
<i>Tribulus astrocarpus</i>	-	0.1
<i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i>	0.5	0.1

Species Name	Height (m)	Cover (%)
<i>Triodia wiseana</i>	0.5	10
<i>Triumfetta clementii</i>	0.2	0.1

Robe Valley Phase 2 – MEC01

Described by: MS Date: 13/06/2015
MGA Zone: 50 392674 mE 7602451 mN

Type: Quadrat (50 m x 50 m)

Landform: Mesa Plateau
Slope: Flat

Soils

Soil Texture: Sandy clay loam
Soil Colour: Dark red brown
Rock Type: Ironstone

Coarse Surface Particles

Site Coverage: cont.
Size: 0.2 to 20 cm
Outcropping: Nil

Ground Cover

Bare Soil: 0 %
Litter: 2 %

Vegetation: *Acacia arida* mid open shrubland over *Triodia wiseana* open hummock grassland.

Condition: Excellent **Fire Age:** 2 years **Disturbance:**
None

**Species List**

Species Name	Height (m)	Cover (%)
<i>Acacia arida</i>	1-2	10
<i>Bulbostylis barbata</i>	0.04	0.1
<i>Corchorus lasiocarpus</i>	0.1	0.1
<i>Dysphania rhadinostachya</i> subsp. <i>inflata</i>	0.2	0.1
<i>Eriachne pulchella</i> subsp. <i>dominii</i>	0.05	0.1
<i>Goodenia microptera</i>	0.1	0.1
<i>Indigofera monophylla</i>	0.3	0.1
<i>Ptilotus calostachyus</i>	0.2	0.1
<i>Senna glutinosa</i> subsp. <i>glutinosa</i>	1.5	0.1
<i>Trachymene oleracea</i> subsp. <i>oleracea</i>	0.1	0.1
<i>Triodia wiseana</i>	0.5	18

Robe Valley Phase 2 – MECRBSA

Described by: MS & SiCo

Date: 13/06/2015

Type: Relevé (~60 m x 125 m)

MGA Zone: 50 392934 mE 7600709 mN

Landform: Mesa plateau**Slope:** Flat**Soils**

Soil Texture: Sandy clay loam

Soil Colour: Dark reddish brown

Rock Type: Ironstone

Coarse Surface Particles

Site Coverage: cont.

Size: 0.2 to 2 cm

Outcropping: Nil

Ground Cover

Bare Soil: 50 %

Litter: 0.1 %



Vegetation: BURNT - *Corymbia candida* scattered low trees over *Petalostylis labicheoides*, *Tephrosia uniovulata* and *Corchorus* sp. mid open shrubland over *Indigofera monophylla* low sparse shrubland over *Triodia wiseana* sparse hummock grassland.

Condition: Very good**Fire Age:** 1 year**Disturbance:** None**Species List**

Species Name	Height (m)	Cover (%)
<i>Acacia ancistrocarpa</i>	0.6	0.1
<i>Acacia arida</i>	0.4	0.1
<i>Acacia atkinsiana</i>	0.6	0.1
<i>Acacia bivenosa</i>	0.7	0.7
<i>Acacia inaequilatera</i>	1.2	0.1
<i>Corchorus</i> sp.	1.5	15
<i>Corymbia candida</i>	5	1
<i>Dodonaea coriacea</i>	1	0.8
<i>Dysphania rhadinostachya</i>	0.1	0.1
<i>Euphorbia tannensis</i> subsp. <i>eremophila</i>	0.2	0.1
<i>Goodenia microptera</i>	0.1	0.1
<i>Gossypium australe</i>	0.9	0.1
<i>Hibiscus coatesii</i>	0.25	0.1
<i>Hibiscus leptocladus</i>	0.5	0.1
<i>Hibiscus sturtii</i> var. <i>campylochlamys</i>	0.4	0.1
<i>Indigofera monophylla</i>	0.2	5
<i>Mollugo molluginea</i>	0.1	0.1
<i>Petalostylis labicheoides</i>	1.5	5
<i>Portulaca oleracea</i>	0.1	0.1
<i>Ptilotus astrolasius</i>	0.5	0.1
<i>Ptilotus axillaris</i>	-	0.1
<i>Ptilotus calostachyus</i>	0.9	0.1
<i>Ptilotus fusiformis</i>	0.2	0.1
<i>Ptilotus nobilis</i> subsp. <i>nobilis</i>	0.4	0.1
<i>Senna notabilis</i>	0.2	0.1
<i>Sida clementii</i>	0.9	0.1
<i>Sida</i> sp. <i>Pilbara</i> (A.A. Mitchell PRP 1543)	0.1	0.1
<i>Solanum elatius</i>	0.4	0.1
<i>Tephrosia uniovulata</i>	2	1.2
<i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i>	0.9	0.1
<i>Triodia wiseana</i>	0.4	5
<i>Triumfetta clementii</i>	0.3	0.1
<i>Waltheria indica</i>	0.5	0.1

Robe Valley Phase 2 – MECRSWA

Described by: MS

Date: 13/06/2015

Type: Relevé (~25 m x 100 m)

MGA Zone: 50 392336 mE 7602048 mN

Landform: Undulating mesa plateau**Slope:** Moderate**Soils**

Soil Texture: Skeletal clay loam

Soil Colour: Dark red brown

Rock Type: Ironstone

Coarse Surface Particles

Site Coverage: cont.

Size: 0.2 to 40 cm

Outcropping: Yes

Ground Cover

Bare Soil: Nil

Litter: 1 %



Vegetation: BURNT *Eucalyptus leucophloia* subsp. *leucophloia* low open woodland over *Acacia arida* and *Acacia atkinsiana* mid open shrubland over *Triodia wiseana* open hummock grassland.

Condition: Very good **Fire Age:** > 5 years **Disturbance:** None**Species List**

Species Name	Height (m)	Cover (%)
<i>Acacia arida</i>	2	15
<i>Acacia atkinsiana</i>	2	5
<i>Acacia bivenosa</i>	1.2	0.1
<i>Corchorus tectus</i>	0.6	0.1
<i>Eriachne mucronata</i>	0.5	0.1
<i>Eriachne pulchella</i> subsp. <i>dominii</i>	0.2	0.1
<i>Eucalyptus leucophloia</i> subsp. <i>leucophloia</i>	2	4
<i>Petalostylis labicheoides</i>	1.2	0.1
<i>Triodia wiseana</i>	0.4	29

Robe Valley Phase 2 – MECRSWB

Described by: MS & SiCo
MGA Zone: 50 392438 mE 7601830 mN

Date: 13/06/2015

Type: Relevé (~20 m x 70 m)

Landform: Gully
Slope: Gentle

Soils

Soil Texture: Skeletal sandy loam
Soil Colour: Dark Red Brown
Rock Type: Ironstone and Basalt

Coarse Surface Particles

Site Coverage: cont.
Size: 0.2 to 10 cm
Outcropping: Yes (cont. along edge)

Ground Cover

Bare Soil: 2 %
Litter: 10 %



Vegetation: BURNT *Eucalyptus leucophloia* subsp. *leucophloia* low open woodland over *Acacia tumida* var. *pilbarensis* tall shrubland over *Triodia wiseana* sparse hummock grassland.

General Notes: The *Acacia citrinoviridis* that was there is all dead.

Condition: Very good **Fire Age:** 1 year **Disturbance:** None

Species List

Species Name	Height (m)	Cover (%)
<i>Acacia arida</i>	0.4	0.1
<i>Acacia atkinsiana</i>	3	0.1
<i>Acacia citrinoviridis</i>		0.1
<i>Acacia tumida</i> var. <i>pilbarensis</i>	3	40
<i>Bonamia pilbarensis</i>	-	0.1
<i>Corchorus tectus</i>	0.6	0.1
<i>Cymbopogon ambiguus</i>	1	0.1
<i>Eriachne mucronata</i>	0.4	0.1
<i>Eucalyptus leucophloia</i> subsp. <i>leucophloia</i>	8	8
<i>Ficus brachypoda</i>	2	0.1
<i>Gossypium robinsonii</i>	1.2	0.1
<i>Grevillea wickhamii</i> subsp. <i>macrodonata</i>	2	0.1
<i>Hibiscus sturtii</i> var. <i>campylochlamys</i>	0.4	0.5
<i>Mollugo molluginea</i>	0.1	0.1
<i>Paraneurachne muelleri</i>	0.4	0.1
<i>Petalostylis labicheoides</i>	3	1
<i>Polycarpaea longiflora</i>	0.2	0.1
<i>Ptilotus astrolasius</i>	0.3	0.1
<i>Senna glutinosa</i> subsp. <i>glutinosa</i>	2.1	0.1
<i>Senna notabilis</i>	0.6	0.1
<i>Sida fibulifera</i>	0.2	0.1
<i>Sida</i> sp. <i>Pilbara</i> (A.A. Mitchell PRP 1543)	0.5	0.1
<i>Solanum diversiflorum</i>	0.4	0.1
<i>Solanum lasiophyllum</i>	0.2	0.1
<i>Tephrosia uniovulata</i>	0.7	0.1
<i>Themeda triandra</i>	0.25	0.1
<i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i>	0.4	0.1
<i>Triodia wiseana</i>	0.4	3
<i>Triumfetta chaetocarpa</i>	0.25	0.1
<i>Urochloa occidentalis</i> var. <i>occidentalis</i>	0.1	0.1
<i>Waltheria indica</i>	0.4	0.1

Robe Valley Phase 2 – MECRSWC

Described by: MS & SiCo Date: 13/06/2015
 MGA Zone: 50 392364 mE 7600209 mN

Type: Relevé (~20 m x 125 m)

Landform: Undulating plain on mesa plateau
Slope: Moderate to gentle

Soils

Soil Texture: Skeletal clay Loam
 Soil Colour: Dark red brown
 Rock Type: Ironstone

Coarse Surface Particles

Site Coverage: cont.
 Size: 0.2 to 20 cm
 Outcropping: Yes

Ground Cover

Bare Soil: Nil
 Litter: 1 %



Vegetation: *Eucalyptus leucophloia* subsp. *leucophloia* low open woodland over *Acacia arida* mid open shrubland over *Triodia wiseana* with *Triodia* sp. Robe River (M.E. Trudgen et al. MET 12367) open hummock grassland.

Condition: Very good **Fire Age:** 1 year **Disturbance:** None

Species List

Species Name	Height (m)	Cover (%)
<i>Abutilon lepidum</i>	-	0.1
<i>Acacia arida</i>	1.2	11
<i>Bonamia media</i>	0.1	0.1
<i>Cassytha capillaris</i>	-	0.1
<i>Cleome viscosa</i>	0.4	0.1
<i>Corchorus tectus</i>	0.6	0.5
<i>Dodonaea coriacea</i>	0.4	0.1
<i>Eriachne mucronata</i>	0.4	0.1
<i>Eucalyptus leucophloia</i> subsp. <i>leucophloia</i>	6	4
<i>Grevillea wickhamii</i> subsp. <i>macrodonata</i>	1	0.1
<i>Hibiscus coatesii</i>	0.9	0.1
<i>Hibiscus sturtii</i> var. <i>campylochlamys</i>	0.3	0.1
<i>Keraudrenia velutina</i> subsp. <i>elliptica</i>	0.8	0.1
<i>Marsdenia australis</i>	-	0.1
<i>Paraneurachne muelleri</i>	0.2	0.1
<i>Ptilotus nobilis</i> subsp. <i>nobilis</i>	0.1	0.1
<i>Senna glutinosa</i> subsp. <i>glutinosa</i>	0.6	0.1
<i>Senna notabilis</i>	0.25	0.1
<i>Sida</i> sp. <i>Pilbara</i> (A.A. Mitchell PRP 1543)	0.8	0.1
<i>Solanum diversiflorum</i>	0.3	0.1
<i>Tephrosia uniovulata</i>	0.4	0.1
<i>Triodia</i> sp. Robe River (M.E. Trudgen et al. MET 12367)	0.4	0.5
<i>Triodia wiseana</i>	0.5	15

Robe Valley Phase 2 – MQ01

Described by: MS & MS

Date: 12/06/2015

Type: Quadrat (50 m x 50 m)

MGA Zone: 50 384761 mE 7600934 mN

Landform: Slope
Slope: Moderate

Soils

Soil Texture: Sandy clay loam
Soil Colour: Red brown
Rock Type: Ironstone and quartz

Coarse Surface Particles

Site Coverage: cont.
Size: 0.2 to 20 cm
Outcropping: 2 %

Ground Cover

Bare Soil: 30 %
Litter: 1 %



Vegetation: *Eucalyptus leucophloia* subsp. *leucophloia* low isolated trees over scattered *Acacia bivenosa*, *Acacia synchronicia* and (*Senna glutinosa* subsp. *pruinosa* mid sparse shrubland over *Triodia wiseana* hummock grassland.

Condition: Excellent **Fire Age:** > 5 years **Disturbance:** None

Species List

Species Name	Height (m)	Cover (%)
<i>Acacia bivenosa</i>	1.5	2.5
<i>Acacia synchronicia</i>	0.5	0.6
<i>Brachyachne convergens</i>	-	0.1
<i>Bulbostylis turbinata</i>	0.1	0.1
<i>Eucalyptus leucophloia</i> subsp. <i>leucophloia</i>	5	1
<i>Senna glutinosa</i> subsp. <i>pruinosa</i>	1.6	0.2
<i>Sporobolus australasicus</i>	0.1	0.1
<i>Triodia wiseana</i>	0.4	68

Robe Valley Phase 2 – MQ02Described by: MS & MS
MGA Zone: 50 386830 mE 7605204 mN

Date: 10/06/2015

Type: Quadrat (50 m x 50 m)

Landform: Plain
Slope: Flat**Soils**Soil Texture: Sandy clay loam
Soil Colour: Red brown
Rock Type: Ironstone**Coarse Surface Particles**Site Coverage: 5 to 10 %
Size: 0.5 to 1.0 cm
Outcropping: Nil**Ground Cover**Bare Soil: 70 %
Litter: 1 %

Vegetation: *Corymbia hamersleyana* low open woodland over *Grevillea wickhamii* subsp. *macrodonata* tall sparse shrubland over *Triodia epactia* open hummock grassland.

Condition: Very good Fire Age: > 5 years Disturbance: None

Species List

Species Name	Height (m)	Cover (%)
<i>Acacia ancistrocarpa</i>	1.6	0.1
<i>Acacia bivenosa</i>	0.6	0.1
<i>Acacia inaequilatera</i>	4	0.1
<i>Acacia synchronicia</i>	0.4	0.1
<i>Acacia trachycarpa</i>	2	0.1
<i>Acacia tumida</i> var. <i>pilbarensis</i>	3	1
<i>Alternanthera nodiflora</i>	0.3	0.1
<i>Aristida holathera</i> var. <i>holathera</i>	0.6	0.1
<i>Boerhavia coccinea</i>	-	0.1
<i>Bonamia alatisemina</i>	0.1	0.1
<i>Bonamia erecta</i>	0.3	0.5
<i>Cleome viscosa</i>	0.3	0.1
<i>Corchorus tectus</i>	0.6	0.1
<i>Corymbia hamersleyana</i>	2 - 4	1
<i>Cucumis variabilis</i>		0.1
<i>Dysphania rhadinostachya</i> subsp. <i>inflata</i>	0.2	0.1
<i>Eriachne helmsii</i>	0.4	0.1
<i>Euphorbia australis</i> var. <i>subtomentosa</i>	0.1	0.1
<i>Euphorbia coghlanii</i>	0.2	0.1
<i>Euphorbia tannensis</i> subsp. <i>eremophila</i>	0.2	0.1
<i>Grevillea wickhamii</i> subsp. <i>macrodonata</i>	2 to 4	1 to 2
<i>Hibiscus brachychlaenus</i>	0.1	0.1
<i>Mollugo molluginea</i>	-	0.1
<i>Paraneurachne muelleri</i>	0.4	0.1
<i>Petalostylis labicheoides</i>	2	0.1
<i>Ptilotus axillaris</i>	-	0.1
<i>Ptilotus nobilis</i> subsp. <i>nobilis</i>	0.2	0.1
<i>Ptilotus obovatus</i> var. <i>obovatus</i>	0.3	0.1
<i>Senna artemisioides</i> subsp. <i>oligophylla</i>	1.6	0.1
<i>Senna notabilis</i>	0.1	0.1
<i>Solanum phlomoides</i>	0.35	0.1
<i>Trianthema pilosum</i>	-	0.1
<i>Tribulus macrocarpus</i>	0.1	0.1

Species Name	Height (m)	Cover (%)
<i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i>	0.1	0.2
<i>Triodia epactia</i>	0.6	20

Robe Valley Phase 2 – MQ03

Described by: MS & MS

Date: 14/06/2015

Type: Quadrat (50 m x 50 m)

MGA Zone: 50 386824 mE 7601073 mN

Landform: Plain**Slope:** Flat**Soils**

Soil Texture: Sandy clay loam

Soil Colour: Red

Rock Type: Quartz and Ironstone

Coarse Surface Particles

Site Coverage: 2 %

Size: 0.1 to 1 cm

Outcropping: Nil

Ground Cover

Bare Soil: 25 %

Litter: 1 %



Vegetation: *Corymbia zygophylla* low isolated trees over *Acacia ancistrocarpa*, *Acacia bivenosa* and *Acacia trachycarpa* mid open shrubland over *Triodia lanigera* hummock grassland.

Condition: Excellent **Fire Age:** 2 to 5 years **Disturbance:** None

Species List

Species Name	Height (m)	Cover (%)
<i>Acacia ancistrocarpa</i>	1.5	6
<i>Acacia atkinsiana</i>	0.6	0.1
<i>Acacia bivenosa</i>	1.2	1.5
<i>Acacia inaequilatera</i>	1	0.1
<i>Acacia trachycarpa</i>	1.2	0.5
<i>Bonamia erecta</i>	0.2	0.1
<i>Corymbia zygophylla</i>	2	0.5
<i>Hakea lorea</i> subsp. <i>lorea</i>	1.2	0.1
<i>Ptilotus obovatus</i> var. <i>obovatus</i>	0.1	0.1
<i>Triodia lanigera</i>	0.5	65

Robe Valley Phase 2 – MQ04

Described by: MS & MS

Date: 13/06/2015

Type: Quadrat (50 m x 50 m)

MGA Zone: 50 387057 mE 7601882 mN

Landform: Plain**Slope:** Flat**Soils**

Soil Texture: Sandy loam

Soil Colour: Red brown

Rock Type: N/A

Coarse Surface Particles

Site Coverage: Nil

Size: N/A

Outcropping: Nil

Ground Cover

Bare Soil: 5 %

Litter: 5 %



Vegetation: *Corymbia hamersleyana* with occasional *Corymbia zygomphyla* low open woodland over *Acacia ancistrocarpa*, *Acacia atkinsiana*, *Acacia trachycarpa* and *Acacia tumida* var. *pilbarensis* mid sparse shrubland over *Chrysopogon fallax* sparse tussock grassland over *Triodia lanigera* and *Triodia epactia* hummock grassland.

Condition: Excellent **Fire Age:** > 5 years **Disturbance:** None**Species List**

Species Name	Height (m)	Cover (%)
<i>Acacia ancistrocarpa</i>	2	3
<i>Acacia atkinsiana</i>	2	3
<i>Acacia trachycarpa</i>	1.8	2
<i>Acacia tumida</i> var. <i>pilbarensis</i>	1.8	1
<i>Alternanthera nodiflora</i>	0.4	0.1
<i>Chrysopogon fallax</i>	0.8	3
<i>Corchorus</i> sp.	1	0.1
<i>Corymbia hamersleyana</i>	5	5
<i>Corymbia zygomphyla</i>	3	0.1
<i>Dampiera candidans</i>	1	0.1
<i>Dysphania kalpari</i>	0.2	0.1
<i>Dysphania rhadinostachya</i> subsp. <i>inflata</i>	0.2	0.1
<i>Eriachne mucronata</i>	0.5	0.1
<i>Euphorbia australis</i> var. <i>subtomentosa</i>	0.1	0.1
<i>Euphorbia drummondii</i>	-	0.1
<i>Evolvulus alsinoides</i> var. <i>villosicalyx</i>	0.1	0.1
<i>Goodenia microptera</i>	0.2	0.1
<i>Grevillea wickhamii</i> subsp. <i>macrodonata</i>	3	0.1
<i>Hybanthus aurantiacus</i>	0.6	0.1
<i>Indigofera boviparda</i> subsp. <i>boviparda</i>	0.3	0.1
<i>Ipomoea muelleri</i>	-	0.1
<i>Isotropis atropurpurea</i>	0.6	0.1
<i>Mollugo molluginea</i>	0.1	0.1
<i>Paspalidium rarum</i>	0.1	0.1
<i>Pterocaulon sphacelatum</i>	0.2	0.1
<i>Ptilotus axillaris</i>	-	0.1
<i>Ptilotus calostachyus</i>	0.7	0.1
<i>Ptilotus fusiformis</i>	0.4	0.1
<i>Ptilotus obovatus</i> var. <i>obovatus</i>	0.1	0.1
<i>Senna notabilis</i>	0.2	0.1
<i>Sida fibulifera</i>	0.4	0.1
<i>Sporobolus australasicus</i>	0.1	0.1

Species Name	Height (m)	Cover (%)
<i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i>	0.4	0.1
<i>Triodia epactia</i>	0.6	20
<i>Triodia lanigera</i>	0.6	30

Robe Valley Phase 2 – MQ06

Described by: MS & MS

Date: 14/06/2015

Type: Quadrat (50 m x 50 m)

MGA Zone: 50 387611 mE 7600303 mN

Landform: Plain**Slope:** Flat**Soils**

Soil Texture: Sandy clay loam

Soil Colour: Red

Rock Type: Quartz and ironstone

Coarse Surface Particles

Site Coverage: 2 %

Size: 0.2 to 2 cm

Outcropping: Nil

Ground Cover

Bare Soil: 5 to 10 %

Litter: 1 to 2 %



Vegetation: *Corymbia zygophylla* low open woodland over *Acacia ancistrocarpa* with *Acacia trachycarpa* and (*Acacia coriacea* subsp. *pendens* mid to tall open shrubland over *Triodia lanigera* closed hummock grassland.

Condition: Excellent **Fire Age:** 2 - 5 years **Disturbance:** None**Species List**

Species Name	Height (m)	Cover (%)
<i>Acacia ancistrocarpa</i>	2 to 3	12.5
<i>Acacia coriacea</i> subsp. <i>pendens</i>	2.5	0.3
<i>Acacia inaequilatera</i>	0.8	0.1
<i>Acacia trachycarpa</i>	1.2	0.5
<i>Bonamia erecta</i>	0.2	0.1
<i>Bonamia pannosa</i>	0.2	0.1
<i>Corymbia zygophylla</i>	4	1
<i>Euphorbia australis</i> var. <i>subtomentosa</i>	0.1	0.1
<i>Indigofera boviparda</i> subsp. <i>boviparda</i>	0.2	0.1
<i>Isotropis atropurpurea</i>	0.4	0.1
<i>Paspalidium clementii</i>	0.2	0.1
<i>Ptilotus calostachyus</i>	0.7	0.1
<i>Senna artemisioides</i> subsp. <i>oligophylla</i>	1.2	0.1
<i>Senna notabilis</i>	0.1	0.1
<i>Triodia lanigera</i>	0.6	71

Robe Valley Phase 2 – MQ07

Described by: MS & MS

Date: 14/06/2015

Type: Quadrat (50 m x 50 m)

MGA Zone: 50 387464 mE 7600670 mN

Landform: Plain**Slope:** Flat**Soils**

Soil Texture: Sandy loam

Soil Colour: Red brown

Rock Type: Quartz and ironstone

Coarse Surface Particles

Site Coverage: 90%

Size: 0.1 to 1 cm

Outcropping: Nil

Ground Cover

Bare Soil: 2 %

Litter: 2 %



Vegetation: *Corymbia zygophylla* low isolated trees over *Acacia ancistrocarpa* tall open shrubland over *Triodia lanigera* closed hummock grassland.

Condition: Excellent **Fire Age:** > 5 years **Disturbance:** None**Species List**

Species Name	Height (m)	Cover (%)
<i>Acacia ancistrocarpa</i>	2 to 3	25
<i>Acacia inaequilatera</i>	3.5	0.1
<i>Bonamia erecta</i>	0.3	0.1
<i>Corymbia zygophylla</i>	5	0.5
<i>Euphorbia australis</i> var. <i>subtomentosa</i>	0.1	0.1
<i>Mollugo molluginea</i>	0.1	0.1
<i>Solanum phlomoides</i>	0.8	0.1
<i>Tephrosia uniovulata</i>	0.6	0.1
<i>Triodia lanigera</i>	0.6	70

Robe Valley Phase 2 – MQ08

Described by: MS & MS

Date: 19/06/2015

Type: Quadrat (50 m x 50 m)

MGA Zone: 50 387845 mE 7602407 mN

Landform: Plain**Slope:** Flat**Soils**

Soil Texture: Light clay

Soil Colour: Red brown

Rock Type: Ironstone

Coarse Surface Particles

Site Coverage: 2 %

Size: 2 to 6 cm

Outcropping: 5 %

Ground Cover

Bare Soil: 30 %

Litter: 5 %



Vegetation: *Acacia atkinsoniana*, *Acacia ancistrocarpa* and *Acacia synchronicia* tall sparse shrubland over *Triodia epactia* hummock grassland.

Condition: Excellent**Fire Age:** > 5 years**Disturbance:** **Malvastrum americanum*, **Setaria verticillata***Species List**

Species Name	Height (m)	Cover (%)
<i>Abutilon fraseri</i>	0.6	0.1
<i>Acacia ancistrocarpa</i>	3	3
<i>Acacia atkinsiana</i>	3	4
<i>Acacia synchronicia</i>	2	2
<i>Acacia xiphophylla</i>	3	0.1
<i>Alternanthera nodiflora</i>	0.3	0.1
<i>Amaranthus mitchellii</i>	0.3	0.1
<i>Aristida latifolia</i>	0.9	0.1
<i>Blumea tenella</i>	0.2	0.1
<i>Bonamia erecta</i>	0.4	0.1
<i>Buchnera ? linearis</i>	0.1	0.1
<i>Cleome viscosa</i>	0.4	0.1
<i>Corchorus lasiocarpus</i>	0.5	0.1
<i>Cucumis variabilis</i>		0.1
<i>Cullen pogonocarpum</i>	0.3	0.1
<i>Dysphania rhadinostachya</i>	0.3	0.1
<i>Euphorbia australis</i> var. <i>subtomentosa</i>	0.3	0.1
<i>Euphorbia tannensis</i> subsp. <i>eremophila</i>	0.3	0.1
<i>Evolvulus alsinoides</i> var. <i>villosicalyx</i>	0.3	0.1
<i>Gomphrena affinis</i> subsp. <i>pilbarensis</i>	0.4	0.1
<i>Heliotropium heteranthum</i>	0.1	0.1
<i>Ipomoea muelleri</i>		0.1
<i>Iseilema membranaceum</i>	0.2	0.1
<i>Keraudrenia nephrosperma</i>	0.7	0.1
<i>Lepidium pholidogynum</i>	0.1	0.1
* <i>Malvastrum americanum</i>	0.5	0.1
<i>Mimulus gracilis</i>	0.2	0.1
<i>Neptunia dimorphantha</i>	0.3	0.1
<i>Polycarpaea corymbosa</i> var. <i>corymbosa</i>	0.15	0.1
<i>Portulaca oleracea</i>		0.1
<i>Pterocaulon sphacelatum</i>	0.5	0.1
<i>Ptilotus astrolasius</i>	0.3	0.1
<i>Ptilotus fusiformis</i>	0.3	0.1

Species Name	Height (m)	Cover (%)
<i>Ptilotus nobilis</i> subsp. <i>nobilis</i>	0.5	0.1
<i>Rhagodia eremaea</i>	1.2	0.1
<i>Senna artemisioides</i> subsp. <i>oligophylla</i>	1.2	0.1
<i>Senna notabilis</i>	0.2	0.1
* <i>Setaria verticillata</i>	0.7	0.1
<i>Sida fibulifera</i>	0.3	0.1
<i>Solanum cleistogamum</i>	0.3	0.1
<i>Solanum diversiflorum</i>	0.3	0.1
<i>Sporobolus australasicus</i>	0.1	0.1
<i>Stemodia grossa</i>	0.3	0.1
<i>Streptoglossa bubakii</i>	0.4	0.1
<i>Synaptantha tillaeacea</i> var. <i>tillaeacea</i>	0.1	0.1
<i>Tephrosia</i> aff. <i>remotiflora</i> (Peedamulla form)	0.3	0.1
<i>Trianthema triquetrum</i>	0.2	0.1
<i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i>	0.7	0.1
<i>Triodia epactia</i>	0.5	50
<i>Triodia lanigera</i>	0.3	0.1
<i>Triodia wiseana</i>	0.4	0.1
<i>Urochloa occidentalis</i> var. <i>occidentalis</i>	0.2	0.1

Robe Valley Phase 2 – MQ09

Described by: MS & MS

Date: 18/06/2015

Type: Quadrat (50 m x 50 m)

MGA Zone: 50 388129 mE 7604582 mN

Landform: Plain**Slope:** Flat**Soils**

Soil Texture: Clay loam

Soil Colour: Red brown

Rock Type: Ironstone

Coarse Surface Particles

Site Coverage: 60 %

Size: 0.2 to 6 cm

Outcropping: Nil

Ground Cover

Bare Soil: 20 %

Litter: 2 %



Vegetation: *Acacia xiphophylla* with *Acacia synchronicia* tall open shrubland over *Triodia wiseana* and *Triodia epactia* open hummock grassland.

Condition: Very good **Fire Age:** > 5 years

Disturbance: **Cenchrus setiger*, **Malvastrum americanum*, **Setaria verticillata*

Species List

Species Name	Height (m)	Cover (%)
<i>Acacia synchronicia</i>	2	0.5
<i>Acacia xiphophylla</i>	2 to 3	15
* <i>Cenchrus setiger</i>	0.6	1
<i>Dysphania rhadinostachya</i> subsp. <i>inflata</i>	0.1	0.1
<i>Euphorbia biconvexa</i>	0.3	0.1
* <i>Malvastrum americanum</i>	0.2	0.1
<i>Portulaca oleracea</i>	-	0.1
<i>Ptilotus nobilis</i> subsp. <i>nobilis</i>	0.2	0.1
<i>Rhagodia eremaea</i>	0.5	0.1
<i>Senna artemisioides</i> subsp. <i>oligophylla</i>	0.5	0.1
* <i>Setaria verticillata</i>	0.3	0.1
<i>Sida fibulifera</i>	0.5	0.1
<i>Solanum phlomoides</i>	0.1	0.1
<i>Sporobolus australasicus</i>	0.1	0.1
<i>Stemodia grossa</i>	0.2	0.1
<i>Trianthema triquetrum</i>	-	0.1
<i>Triodia epactia</i>	0.4	2
<i>Triodia wiseana</i>	0.4	15

Robe Valley Phase 2 – MQ10

Described by: MS & MS

Date: 12/06/2015

Type: Quadrat (50 m x 50 m)

MGA Zone: 50 388251 mE 7601877 mN

Landform: Floodway**Slope:** Flat**Soils**

Soil Texture: Sandy clay loam

Soil Colour: Red

Rock Type: N/A

Coarse Surface Particles

Site Coverage: Nil

Size: N/A

Outcropping: Nil

Ground Cover

Bare Soil: 10 %

Litter: 2 %



Vegetation: *Acacia xiphophylla* tall sparse shrubland over *Senna artemisioides* subsp. *oligophylla* mid sparse shrubland over *Eriachne flaccida* mid tussock grassland.

Condition: Very good **Fire Age:** > 5 years
**Setaria verticillata*, **Vachellia farnesiana*

Disturbance: **Citrullus lanatus*, **Malvastrum americanum*,

Species List

Species Name	Height (m)	Cover (%)
<i>Abutilon fraseri</i>	0.6	0.1
<i>Acacia synchronicia</i>	1.2	0.1
<i>Acacia xiphophylla</i>	2.5	2
<i>Alternanthera nodiflora</i>	0.2	0.1
<i>Amaranthus mitchellii</i>	0.3	0.1
<i>Bulbostylis turbinata</i>	0.1	0.1
<i>*Citrullus lanatus</i>	-	0.1
<i>Cleome viscosa</i>	0.3	0.1
<i>Corchorus tridens</i>	0.2	0.1
<i>Cyperus iria</i>	0.1	0.1
<i>Dichanthium sericeum</i> subsp. <i>sericeum</i>	0.3	0.1
<i>Enchylaena tomentosa</i> var. <i>tomentosa</i>	0.6	0.1
<i>Enteropogon ramosus</i>	0.4	0.1
<i>Eragrostis tenellula</i>	0.2	0.1
<i>Eragrostis xerophila</i>	0.5	0.1
<i>Eriachne flaccida</i>	0.6	65
<i>Euphorbia tannensis</i> subsp. <i>eremophila</i>	0.4	0.1
<i>Goodenia microptera</i>	0.4	0.1
<i>Indigofera trita</i>	0.2	0.1
<i>Ipomoea muelleri</i>	-	0.1
<i>Lotus cruentus</i>	-	0.1
<i>*Malvastrum americanum</i>	0.4	0.1
<i>Mimulus gracilis</i>	0.1	0.1
<i>Operculina aequisejala</i>	-	0.1
<i>Panicum laevinode</i>	0.6	0.1
<i>Phyllanthus erwinii</i>	0.1	0.1
<i>Portulaca oleracea</i>	-	0.1
<i>Ptilotus gomphrenoides</i>	0.2	0.1
<i>Ptilotus nobilis</i> subsp. <i>nobilis</i>	0.2	0.1
<i>Rhagodia eremaea</i>	1	0.1
<i>Rhynchosia minima</i>	-	0.1

Species Name	Height (m)	Cover (%)
<i>Senna artemisioides</i> subsp. <i>oligophylla</i>	1.2	3
<i>Senna notabilis</i>	0.1	0.1
* <i>Setaria verticillata</i>	0.4	0.1
<i>Sida fibulifera</i>	-	0.1
<i>Sida spinosa</i>	0.3	0.1
<i>Solanum cleistogamum</i>	0.2	0.1
<i>Solanum diversiflorum</i>	0.1	0.1
<i>Sporobolus australasicus</i>	0.1	0.1
<i>Stemodia grossa</i>	0.2	0.1
<i>Streptoglossa bubakii</i>	0.2	0.1
<i>Urochloa occidentalis</i> var. <i>occidentalis</i>	0.2	0.1
* <i>Vachellia farnesiana</i>	4	15

Robe Valley Phase 2 – MQ11

Described by: MS & MS

Date: 14/06/2015

Type: Quadrat (50 m x 50 m)

MGA Zone: 50 388957 mE 7600613 mN

Landform: Plain**Slope:** Flat**Soils**

Soil Texture: Clay

Soil Colour: Red

Rock Type: Quartz and ironstone

Coarse Surface Particles

Site Coverage: 10 %

Size: 0.2 to 2.0 cm

Outcropping: Nil

Ground Cover

Bare Soil: 20 %

Litter: 2 %



Vegetation: *Acacia ancistrocarpa*, *Acacia bivenosa*, *Acacia atkinsiana* and *Acacia trachycarpa* mid to tall sparse shrubland over *Triodia lanigera* closed hummock grassland.

Condition: Excellent**Fire Age:** > 5 years**Disturbance:** None**Species List**

Species Name	Height (m)	Cover (%)
<i>Acacia ancistrocarpa</i>	2 to 3 m	2
<i>Acacia atkinsiana</i>	2	1.5
<i>Acacia bivenosa</i>	1.5	1.5
<i>Acacia synchronicia</i>	1.5	0.1
<i>Acacia trachycarpa</i>	2	1
<i>Bonamia erecta</i>	0.3	0.1
<i>Bulbostylis barbata</i>	0.1	0.1
<i>Cleome viscosa</i>	0.2	0.1
<i>Corchorus tectus</i>	1	0.1
<i>Dysphania rhadinostachya</i> subsp. <i>inflata</i>	0.1	0.1
<i>Euphorbia tannensis</i> subsp. <i>eremophila</i>	0.4	0.1
<i>Goodenia microptera</i>	0.1	0.1
<i>Isotropis atropurpurea</i>	1	0.1
<i>Mimulus gracilis</i>	0.1	0.1
<i>Phyllanthus erwinii</i>	0.2	0.1
<i>Polycarpaea corymbosa</i> var. <i>corymbosa</i>	0.1	0.1
<i>Pterocaulon sphacelatum</i>	0.2	0.1
<i>Solanum diversiflorum</i>	0.2	0.1
<i>Sporobolus australasicus</i>	0.1	0.1
<i>Stemodia grossa</i>	0.1	0.1
<i>Tephrosia uniovulata</i>	0.2	0.1
<i>Trachymene oleracea</i> subsp. <i>oleracea</i>	2	0.1
<i>Triodia lanigera</i>	0.5	75

Robe Valley Phase 2 – MQ12

Described by: MS & MS

Date: 13/06/2015

Type: Quadrat (50 m x 50 m)

MGA Zone: 50 389087 mE 7601963 mN

Landform: Floodway**Slope:** Flat**Soils**

Soil Texture: Clay

Soil Colour: Red brown

Rock Type: Ironstone

Coarse Surface Particles

Site Coverage: 1 to 2 %

Size: 0.2 to 2 cm

Outcropping: Nil

Ground Cover

Bare Soil: 5 %

Litter: 2 to 5 %



Vegetation: *Acacia xiphophylla* tall open shrubland over *Senna artemisioides* subsp. *oligophylla* mid open shrubland over *Triodia epactia* open hummock grassland.

Condition: Excellent **Fire Age:** > 5 years

Disturbance: **Cenchrus ciliaris*, **Cenchrus setiger*, **Malvastrum americanum*, **Setaria verticillata*

Species List

Species Name	Height (m)	Cover (%)
<i>Abutilon fraseri</i>	0.4	0.1
<i>Abutilon otocarpum</i>	0.2	0.1
<i>Acacia synchronicia</i>	2	0.1
<i>Acacia xiphophylla</i>	3	20
<i>Amaranthus mitchellii</i>	0.3	0.1
<i>Blumea tenella</i>	0.15	0.1
<i>Brachyachne convergens</i>	0.1	0.1
<i>Buchnera ? linearis</i>	0.2	0.1
<i>Bulbostylis barbata</i>	0.1	0.1
<i>Bulbostylis turbinata</i>	0.1	0.1
* <i>Cenchrus ciliaris</i>	0.3	0.1
* <i>Cenchrus setiger</i>	0.5	0.1
<i>Cleome viscosa</i>	0.2	0.1
<i>Corchorus tridens</i>	0.3	0.1
<i>Cucumis variabilis</i>	-	0.1
<i>Dactyloctenium radulans</i>	0.1	0.1
<i>Dichanthium sericeum</i> subsp. <i>sericeum</i>	0.3	0.1
<i>Dysphania rhadinostachya</i> subsp. <i>inflata</i>	0.	0.1
<i>Enchylaena tomentosa</i> var. <i>tomentosa</i>	0.6	0.1
<i>Enteropogon ramosus</i>	0.2	0.1
<i>Eremophila forrestii</i> subsp. <i>forrestii</i>	1.2	0.1
<i>Euphorbia tannensis</i> subsp. <i>eremophila</i>	0.2	0.1
<i>Evolvulus alsinoides</i> var. <i>villosicalyx</i>	0.1	0.1
<i>Gomphrena affinis</i> subsp. <i>pilbarensis</i>	0.3	0.1
<i>Goodenia microptera</i>	0.15	0.1
<i>Goodenia muelleriana</i>	0.2	0.1
<i>Ipomoea coptica</i>	-	0.1
<i>Maireana planifolia</i>	0.6	0.1
* <i>Malvastrum americanum</i>	0.4	0.2
<i>Mimulus gracilis</i>	0.1	0.1
<i>Neptunia dimorphantha</i>	-	0.1
<i>Operculina aequisejala</i>	-	0.1

Species Name	Height (m)	Cover (%)
<i>Phyllanthus erwinii</i>	0.1	0.1
<i>Portulaca oleracea</i>	0.1	0.1
<i>Pterocaulon sphacelatum</i>	0.3	0.1
<i>Ptilotus gomphrenoides</i>	-	0.1
<i>Ptilotus nobilis</i> subsp. <i>nobilis</i>	0.1	0.1
<i>Rhagodia eremaea</i>	1	0.1
<i>Rhynchosia minima</i>	-	0.1
<i>Senna artemisioides</i> subsp. <i>oligophylla</i>	1.2	15
* <i>Setaria verticillata</i>	0.5	0.1
<i>Sida fibulifera</i>	0.2	0.1
<i>Solanum cleistogamum</i>	0.2	0.1
<i>Sporobolus australasicus</i>	0.1	0.1
<i>Stemodia grossa</i>	0.2	0.1
<i>Streptoglossa bubakii</i>	0.3	0.1
<i>Triodia epactia</i>	0.6	27.5
<i>Urochloa occidentalis</i> var. <i>occidentalis</i>	0.1	0.1

Robe Valley Phase 2 – MQ14

Described by: MS & MS

Date: 18/06/2015

Type: Quadrat (50 m x 50 m)

MGA Zone: 50 390147 mE 7604031 mN

Landform: Slope
Slope: Gentle

Soils

Soil Texture: Clay loam

Soil Colour: Red brown

Rock Type: Ironstone

Coarse Surface Particles

Site Coverage: 50 %

Size: 6 to 20 cm

Outcropping: Nil

Ground Cover

Bare Soil: 1 %

Litter: 1 %



Vegetation: *Acacia arida*, *Acacia atkinsiana* and *Acacia bivenosa* sparse shrubland over *Triodia wiseana* hummock grassland.

Condition: Excellent **Fire Age:** > 5 years **Disturbance:** None

Species List

Species Name	Height (m)	Cover (%)
<i>Acacia arida</i>	1.3	2
<i>Acacia atkinsiana</i>	1.5	1
<i>Acacia bivenosa</i>	1.5	1
<i>Cassyltha capillaris</i>	-	2
<i>Corchorus</i> sp.	0.4	0.1
<i>Corymbia hamersleyana</i>	1.6	0.1
<i>Dysphania rhadinostachya</i> subsp. <i>inflata</i>	0.2	0.1
<i>Eriachne mucronata</i>	0.3	0.1
<i>Goodenia stobbsiana</i>		
<i>Ptilotus nobilis</i> subsp. <i>nobilis</i>	0.3	0.1
<i>Senna glutinosa</i> subsp. <i>glutinosa</i>	2	0.1
<i>Senna glutinosa</i> subsp. <i>pruinosa</i>	2	0.1
<i>Solanum cleistogamum</i>	0.3	0.1
<i>Solanum diversiflorum</i>	0.3	0.1
<i>Stemodia grossa</i>	0.2	0.1
<i>Trachymene oleracea</i> subsp. <i>oleracea</i>	0.3	0.1
<i>Triodia wiseana</i>	0.4	60

Robe Valley Phase 2 – MQ16

Described by: ShCh & ShTh
MGA Zone: 50 390397 mE 7601849 mN

Date: 12/06/2015

Type: Quadrat (50 m x 50 m)

Landform: Plain
Slope: Flat

Soils

Soil Texture: Sandy clay loam
Soil Colour: Red brown
Rock Type: Ironstone

Coarse Surface Particles

Site Coverage: 40 %
Size: 6 to 20 mm
Outcropping: Nil

Ground Cover

Bare Soil: 50 %
Litter: 2 %

Vegetation: *Acacia xiphophylla* tall sparse shrubland over *Triodia epactia* sparse hummock grassland.



Condition: Very good **Fire Age:** > 5 years **Disturbance:** **Cenchrus ciliaris*

Species List

Species Name	Height (m)	Cover (%)
<i>Abutilon fraseri</i>	0.5	0.1
<i>Acacia xiphophylla</i>	3	10
* <i>Cenchrus ciliaris</i>	0.5	1
<i>Enchylaena tomentosa</i> var. <i>tomentosa</i>	0.5	0.1
<i>Eriachne pulchella</i> subsp. <i>dominii</i>	0.1	0.1
<i>Heliotropium heteranthum</i>	-	0.1
<i>Ptilotus nobilis</i> subsp. <i>nobilis</i>	0.5	0.1
<i>Rhagodia eremaea</i>	0.3	0.1
<i>Salsola australis</i>	0.3	0.1
<i>Sclerolaena cuneata</i>	0.1	0.1
<i>Senna artemisioides</i> subsp. <i>oligophylla</i>	0.4	0.1
<i>Setaria dielsii</i>	0.3	0.1
<i>Sida fibulifera</i>	0.3	0.1
<i>Sporobolus australasicus</i>	0.1	0.1
<i>Triodia epactia</i>	0.5	1
<i>Triodia wiseana</i>	0.7	0.1

Robe Valley Phase 2 – MQ17

Described by: MS & MS
MGA Zone: 50 390290 mE 7599071 mN

Date: 11/06/2015

Type: Quadrat (50 m x 50 m)

Landform: Plain
Slope: Flat

Soils

Soil Texture: Clay loam
Soil Colour: Brown
Rock Type: Quartz and ironstone

Coarse Surface Particles

Site Coverage: 80 %
Size: 0.2 to 20 cm
Outcropping: Nil

Ground Cover

Bare Soil: 5 %
Litter: 0.1 %



Vegetation: *Acacia xiphophylla* mid open shrubland over *Triodia wiseana* sparse hummock grassland and *Brachyachne prostrata* sparse grassland.

Condition: Excellent **Fire Age:** > 5 years **Disturbance:** None

Species List

Species Name	Height (m)	Cover (%)
<i>Acacia xiphophylla</i>	2	20
<i>Brachyachne prostrata</i>	-	2
<i>Enchylaena tomentosa</i> var. <i>tomentosa</i>	1.2	0.1
<i>Heliotropium heteranthum</i>	-	0.1
<i>Lepidium pholidogynum</i>	-	0.1
<i>Maireana planifolia</i>	0.3	0.1
<i>Ptilotus nobilis</i> subsp. <i>nobilis</i>	0.1	0.1
<i>Sarcostemma viminale</i> subsp. <i>australe</i>	1.2	0.1
<i>Sclerolaena densiflora</i>	0.1	0.1
<i>Sclerolaena diacantha</i>	0.1	0.1
<i>Tribulus astrocarpus</i>	-	0.1
<i>Triodia wiseana</i>	0.3	5

Robe Valley Phase 2 – MQ20

Described by: ShCh & ShTh
MGA Zone: 50 390968 mE 7605361 mN

Date: 18/06/2015

Type: Quadrat (50 m x 50 m)

Landform: Plain
Slope: Flat

Soils

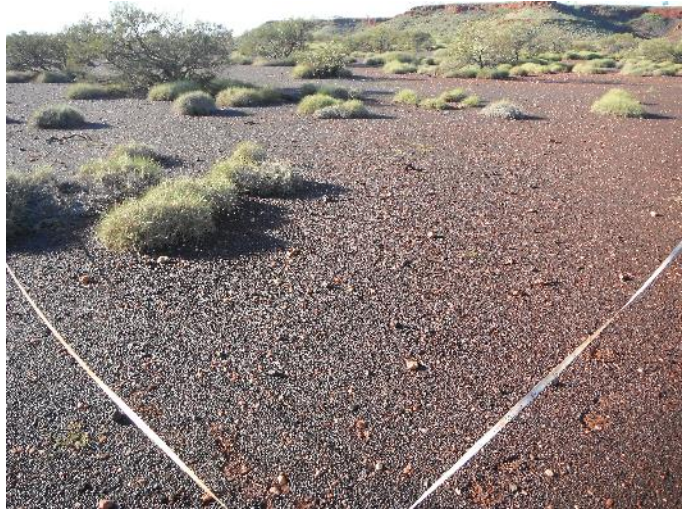
Soil Texture: Clay Loam
Soil Colour: Red brown
Rock Type: Ironstone

Coarse Surface Particles

Site Coverage: 80 %
Size: 2 to 6 mm
Outcropping: Nil

Ground Cover

Bare Soil: 5 %
Litter: 40 %



Vegetation: *Acacia xiphophylla* mid sparse shrubland over *Triodia wiseana* open hummock grassland.

Condition: Excellent **Fire Age:** > 5 years **Disturbance:** None

Species List

Species Name	Height (m)	Cover (%)
<i>Acacia xiphophylla</i>	2	5
<i>Brachyachne prostrata</i>		0.1
<i>Dysphania rhadinostachya</i> subsp. <i>rhadinostachya</i>	0.2	0.1
<i>Eriachne pulchella</i> subsp. <i>dominii</i>	0.1	0.1
<i>Portulaca oleracea</i>		0.1
<i>Tribulus astrocarpus</i>		0.1
<i>Triodia angusta</i>	0.3	0.1
<i>Triodia wiseana</i>	0.3	10

Robe Valley Phase 2 – MQ21

Described by: ShCh & ShTh
MGA Zone: 50 391842 mE 7605357 mN

Date: 10/06/2015

Type: Quadrat (20 m x 20 m)

Landform: Drainage Line
Slope: Flat

Soils

Soil Texture: Silty clay loam
Soil Colour: Red brown
Rock Type: Ironstone

Coarse Surface Particles

Site Coverage: 80 %
Size: 60 to 200 mm
Outcropping: Nil

Ground Cover

Bare Soil: 80 %
Litter: 15 %



Vegetation: *Eucalyptus camaldulensis* subsp. *refulgens* mid open woodland over *Melaleuca argentea* mid woodland over *Acacia ampliceps* and *Melaleuca glomerata* tall sparse shrubland over *Cyperus vaginatus* sparse sedgeland.

Condition: Very good **Fire Age:** > 5 years **Disturbance:** **Cenchrus ciliaris*, **Passiflora foetida* var. *hispida*

Species List

Species Name	Height (m)	Cover (%)
<i>Acacia ampliceps</i>	3	2
<i>Acacia pyrifolia</i> var. <i>pyrifolia</i>	2	0.1
<i>Acacia trachycarpa</i>	2	0.1
<i>Amaranthus undulatus</i>	0.4	0.1
Asteraceae sp.	0.1	0.1
* <i>Cenchrus ciliaris</i>	0.5	3
<i>Cleome viscosa</i>	0.3	0.1
<i>Cucumis variabilis</i>	-	0.1
<i>Cyperus vaginatus</i>	1.1	2
<i>Eucalyptus camaldulensis</i> subsp. <i>refulgens</i>	18	4
<i>Helichrysum luteoalbum</i>	0.2	0.1
<i>Ipomoea muelleri</i>	-	0.1
<i>Melaleuca argentea</i>	15	25
<i>Melaleuca glomerata</i>	3	1
* <i>Passiflora foetida</i> var. <i>hispida</i>	-	0.1
<i>Petalostylis labicheoides</i>	2	0.1
<i>Phyllanthus maderaspatensis</i>	0.3	0.1
<i>Sesbania cannabina</i>	0.5	0.1
<i>Stemodia grossa</i>	0.2	0.1
<i>Trachymene oleracea</i> subsp. <i>oleracea</i>	0.3	0.1
<i>Vigna lanceolata</i> var. <i>lanceolata</i>	-	0.1
<i>Wahlenbergia tumidifructa</i>	0.4	0.1

Robe Valley Phase 2 – MQ22Described by: MS & MS
MGA Zone: 50 392246 mE 7604264 mN

Date: 10/06/2015

Type: Quadrat (50 m x 50 m)

Landform: Gully
Slope: Steep**Soils**Soil Texture: Clay loam
Soil Colour: Red brown
Rock Type: Ironstone**Coarse Surface Particles**Site Coverage: 80 %
Size: 2 to 20 cm
Outcropping: 10 %**Ground Cover**Bare Soil: 60 %
Litter: 2 %**Vegetation:** *Eucalyptus leucophloia* subsp.*leucophloia* low open woodland over *Acacia arida*, *Acacia bivenosa* and *Acacia tumida* var. *pilbarensis* mid to tall open shrubland over *Triodia wiseana* open hummock grassland and *Eriachne mucronata* sparse tussock grassland.**Condition:** Excellent **Fire Age:** > 5 years **Disturbance:** None**Species List**

Species Name	Height (m)	Cover (%)
<i>Abutilon fraseri</i>	1.8	0.1
<i>Acacia arida</i>	1.6	2
<i>Acacia bivenosa</i>	2	2
<i>Acacia tumida</i> var. <i>pilbarensis</i>	2 to 3	1
<i>Cymbopogon ambiguus</i>	0.5	0.1
<i>Eriachne mucronata</i>	0.2	0.5
<i>Eucalyptus leucophloia</i> subsp. <i>leucophloia</i>	6	1
<i>Hibiscus sturtii</i> var. <i>campylochlamys</i>	0.2	0.1
<i>Hybanthus aurantiacus</i>	0.2	0.1
<i>Indigofera monophylla</i>	0.5	0.1
<i>Polycarpaea corymbosa</i> var. <i>corymbosa</i>	0.25	0.1
<i>Ptilotus nobilis</i> subsp. <i>nobilis</i>	0.1	0.1
<i>Senna glutinosa</i> subsp. <i>glutinosa</i>	2	0.1
<i>Themeda</i> sp. Mt Barricade (M.E. Trudgen 2471)	0.4	0.1
<i>Trachymene oleracea</i> subsp. <i>oleracea</i>	0.1	0.1
<i>Triodia wiseana</i>	0.4	31

Robe Valley Phase 2 – MQ23

Described by: MS & MS
MGA Zone: 50 392306 mE 7603744 mN

Date: 10/06/2015

Type: Quadrat (50 m x 50 m)

Landform: Edge of mesa plateau
Slope: Very gentle

Soils

Soil Texture: Clay loam
Soil Colour: Red
Rock Type: Ironstone

Coarse Surface Particles

Site Coverage: 75 %
Size: 2 to 20 cm
Outcropping: 2 to 5 %

Ground Cover

Bare Soil: 0 %
Litter: 2 %



Vegetation: *Eucalyptus leucophloia* subsp. *leucophloia* low open woodland over *Acacia arida* mid open shrubland over *Triodia wiseana* open hummock grassland.

Condition: Very good **Fire Age:** > 5 years **Disturbance:** None

Species List

Species Name	Height (m)	Cover (%)
<i>Acacia ancistrocarpa</i>	0.2	0.1
<i>Acacia arida</i>	1.2	25
<i>Dysphania rhadinostachya</i> subsp. <i>inflata</i>	0.1	0.1
<i>Eucalyptus leucophloia</i> subsp. <i>leucophloia</i>	7	2
<i>Goodenia microptera</i>	0.1	0.1
<i>Indigofera monophylla</i>	0.2	0.1
<i>Ptilotus nobilis</i> subsp. <i>nobilis</i>	0.1	0.1
<i>Triodia wiseana</i>	0.5	20

Robe Valley Phase 2 – MQ24

Described by: ShCh & ShTh
MGA Zone: 50 392663 mE 7605336 mN

Date: 10/06/2015

Type: Quadrat (50 m x 50 m)

Landform: Alluvial Plain
Slope: Flat

Soils

Soil Texture: Clay Loam
Soil Colour: Red brown
Rock Type: Calcrete

Coarse Surface Particles

Site Coverage: 15 %
Size: 20 to 60 mm
Outcropping: Nil

Ground Cover

Bare Soil: Nil
Litter: Nil



Vegetation: *Acacia bivenosa* tall sparse shrubland over *Triodia wiseana* open hummock grassland.

Condition: Good
setiger

Fire Age: > 10 years

Disturbance: **Aerva javanica*, **Cenchrus ciliaris*, **Cenchrus*

Species List

Species Name	Height (m)	Cover (%)
<i>Acacia bivenosa</i>	2.5	8
<i>Acacia pyrifolia</i> var. <i>pyrifolia</i>	3	0.1
<i>Acacia sclerosperma</i> subsp. <i>sclerosperma</i>	3	0.1
<i>Acacia synchronicia</i>	1.5	0.1
<i>Acacia trachycarpa</i>	2.5	0.1
<i>Adriana tomentosa</i> var. <i>tomentosa</i>	0.6	0.1
* <i>Aerva javanica</i>	1	4
<i>Boerhavia coccinea</i>	-	0.1
* <i>Cenchrus ciliaris</i>	0.4	10
* <i>Cenchrus setiger</i>	0.4	10
<i>Corchorus tectus</i>	0.2	0.1
<i>Corymbia hamersleyana</i>	3	0.1
<i>Euphorbia australis</i> var. <i>subtomentosa</i>	0.2	0.1
<i>Euphorbia tannensis</i> subsp. <i>eremophila</i>	0.3	0.1
<i>Gossypium australe</i>	1	0.1
<i>Hybanthus aurantiacus</i>	0.4	0.1
<i>Phyllanthus maderaspatensis</i>	0.3	0.1
<i>Ptilotus axillaris</i>	-	0.1
<i>Rhynchosia minima</i>	0.2	0.1
<i>Sida clementii</i>	0.6	0.1
<i>Sida fibulifera</i>	0.3	0.1
<i>Solanum diversiflorum</i>	0.1	0.1
<i>Sporobolus australasicus</i>	0.1	0.1
<i>Triodia wiseana</i>	0.9	20

Robe Valley Phase 2 – MQ25

Described by: ShCh & ShTh
MGA Zone: 50 393190 mE 7605409 mN

Date: 10/06/2015

Type: Quadrat (50 m x 50 m)

Landform: Plain
Slope: Very gentle

Soils

Soil Texture: Clay loam
Soil Colour: Red
Rock Type: Calcrete

Coarse Surface Particles

Site Coverage:
Size:
Outcropping:

Ground Cover

Bare Soil:
Litter:



Vegetation: *Corymbia hamersleyana* low isolated trees over *Acacia bivenosa* mid sparse to open shrubland over *Triodia wiseana* open hummock to hummock grassland.

Condition: Excellent **Fire Age:** > 5 years **Disturbance:** None

Species List

Species Name	Height (m)	Cover (%)
<i>Acacia bivenosa</i>	1.5	1
<i>Acacia pyrifolia</i> var. <i>morrisonii</i>	1.1	0.1
<i>Acacia trachycarpa</i>	1.5	0.1
<i>Corchorus tectus</i>	1	0.1
<i>Corymbia hamersleyana</i>	5	0.1
<i>Euphorbia schultzi</i>	0.3	0.1
<i>Hakea chordophylla</i>	2	0.1
<i>Petalostylis labicheoides</i>	2	0.1
<i>Tribulus hirsutus</i>	-	0.1
<i>Triodia wiseana</i>	0.3	25

Robe Valley Phase 2 – MQ28

Described by: ShCh & ShTh

Date: 12/06/2015

Type: Quadrat (25 m x 100 m)

MGA Zone: 50 393424 mE 7601197 mN

Landform: Drainage line**Slope:** Flat**Soils**

Soil Texture: Silty clay loam

Soil Colour: Red brown

Rock Type: Ironstone

Coarse Surface Particles

Site Coverage: 1 %

Size: 2 to 6 mm

Outcropping: Nil

Ground Cover

Bare Soil: 35 %

Litter: 5 %



Vegetation: *Eucalyptus victrix* low open woodland over *Acacia trachycarpa*, *Acacia bivenosa*, *Gossypium robinsonii* and *Stylobasium spathulatum* mid to tall sparse shrubland over *Triodia wiseana* and *Triodia epactia* low sparse hummock grassland.

General Notes: Quadrat moved from floodplain to riparian vegetation due to poor condition and regrowth trees.

Condition: Excellent **Fire Age:** > 5 years

Disturbance: **Cenchrus ciliaris*, **Cenchrus setiger*, **Malvastrum americanum*, **Setaria verticillata*

Species List

Species Name	Height (m)	Cover (%)
<i>Abutilon</i> sp. <i>Pilbara</i> (W.R. Barker 2025)	0.4	0.1
<i>Acacia ancistrocarpa</i>	2	0.1
<i>Acacia bivenosa</i>	1.8	2
<i>Acacia bivenosa</i> x <i>sclerosperma</i> subsp. <i>sclerosperma</i>	1	0.1
<i>Acacia pyrifolia</i> var. <i>pyrifolia</i>	2.5	0.1
<i>Acacia trachycarpa</i>	2.5	3
<i>Aristida holathera</i> var. <i>holathera</i>	0.4	0.1
* <i>Cenchrus ciliaris</i>	0.6	15
* <i>Cenchrus setiger</i>	0.6	10
<i>Corchorus tectus</i>	0.4	0.1
<i>Corymbia hamersleyana</i>	5	0.1
<i>Corymbia zygophylla</i>	5	0.1
<i>Cucumis variabilis</i>	-	0.1
<i>Eragrostis cumingii</i>	0.2	0.1
<i>Eucalyptus victrix</i>	10	7
<i>Euphorbia careyi</i>	0.3	0.1
<i>Euphorbia tannensis</i> subsp. <i>eremophila</i>	0.3	0.1
<i>Gossypium australe</i>	0.7	0.1
<i>Gossypium robinsonii</i>	2	3
<i>Hybanthus aurantiacus</i>	0.3	0.1
* <i>Malvastrum americanum</i>	0.4	0.1
<i>Petalostylis labicheoides</i>	2	0.1
<i>Phyllanthus maderaspatensis</i>	0.3	0.1
<i>Ptilotus appendiculatus</i>	-	0.1
<i>Senna artemisioides</i> subsp. <i>oligophylla</i>	1.3	0.1
* <i>Setaria verticillata</i>	0.3	0.1
<i>Stylobasium spathulatum</i>	2	2
<i>Triodia epactia</i>	0.3	1
<i>Triodia wiseana</i>	0.6	10

Robe Valley Phase 2 – MQ29

Described by: ShCh & ShTh
MGA Zone: 50 393433 mE 7599708 mN

Date: 11/06/2015

Type: Quadrat (50 m x 50 m)

Landform: Plain
Slope: Flat

Soils

Soil Texture: Silty loam
Soil Colour: Red brown
Rock Type: Ironstone

Coarse Surface Particles

Site Coverage: 1 %
Size: 1 to 6 mm
Outcropping: Nil

Ground Cover

Bare Soil: 50 %
Litter: 1 %



Vegetation: *Corymbia hamersleyana* low open woodland over *Acacia inaequilatera* and *Gossypium robinsonii* mid sparse shrubland over *Ptilotus astrolasius* low sparse shrubland and *Triodia epactia* open hummock grassland.

Condition: Excellent **Fire Age:** 2 to 3 years **Disturbance:** None

Species List

Species Name	Height (m)	Cover (%)
<i>Acacia inaequilatera</i>	1.7	0.2
<i>Acacia synchronicia</i>	1.3	0.1
<i>Acacia trachycarpa</i> x <i>tumida</i> var. <i>pillbarensis</i>	1.7	0.1
<i>Aristida holathera</i> var. <i>holathera</i>	0.4	0.1
<i>Boerhavia coccinea</i>	0.2	0.1
<i>Bonamia alatisemina</i>	-	0.1
<i>Bonamia erecta</i>	0.5	0.1
<i>Bulbostylis barbata</i>	0.2	0.1
<i>Cleome viscosa</i>	0.3	0.1
<i>Corchorus sidoides</i> subsp. <i>sidoides</i>	0.5	0.1
<i>Corymbia hamersleyana</i>	4	1
<i>Dysphania rhadinostachya</i> subsp. <i>rhadinostachya</i>	0.3	0.1
<i>Eragrostis eriopoda</i>	0.3	0.1
<i>Euphorbia tannensis</i> subsp. <i>eremophila</i>	0.2	0.1
<i>Goodenia microptera</i>	0.2	0.1
<i>Gossypium australe</i>	0.1	0.1
<i>Gossypium robinsonii</i>	2	0.2
<i>Hakea lorea</i> subsp. <i>lorea</i>	1.6	0.1
<i>Hibiscus sturtii</i> var. <i>campylochlamys</i>	0.5	0.1
<i>Hybanthus aurantiacus</i>	0.3	0.1
<i>Indigofera boviparda</i> subsp. <i>boviparda</i>	-	0.1
<i>Isotropis atropurpurea</i>	0.4	0.1
<i>Mollugo molluginea</i>	0.15	0.1
<i>Portulaca pilosa</i>	0.3	0.1
<i>Ptilotus astrolasius</i>	0.5	1
<i>Ptilotus axillaris</i>	-	0.1
<i>Ptilotus fusiformis</i>	0.4	0.1
<i>Sida arsinata</i>	0.3	0.1
<i>Sida clementii</i>	0.5	0.1
<i>Sida rohlenae</i> subsp. <i>rohlenae</i>	0.3	0.1
<i>Sida</i> sp. <i>Pilbara</i> (A.A. Mitchell PRP 1543)	0.4	0.1

Species Name	Height (m)	Cover (%)
<i>Tephrosia uniovulata</i>	0.7	0.1
<i>Tribulus macrocarpus</i>	-	0.1
<i>Triodia epactia</i>	0.5	30

Robe Valley Phase 2 – MQ30

Described by: ShCh & ShTh
MGA Zone: 50 392948 mE 7599608 mN

Date: 11/06/2015

Type: Quadrat (50 m x 50 m)

Landform: Hill
Slope: Gentle (north-eastern aspect)

Soils

Soil Texture: Clay loam
Soil Colour: Red brown
Rock Type: Ironstone

Coarse Surface Particles

Site Coverage: 80 %
Size: 20 to 60 mm
Outcropping: 10 %

Ground Cover

Bare Soil: 5 %
Litter: 1 %



Vegetation: *Eucalyptus leucophloia* subsp. *leucophloia* low open woodland over *Corchorus tectus* and *Acacia arida* low open shrubland over *Triodia wiseana* and *Triodia* sp. Robe River (M.E. Trudgen et al. MET 12367) open hummock grassland.

Condition: Excellent **Fire Age:** 2 to 3 years **Disturbance:** None

Species List

Species Name	Height (m)	Cover (%)
<i>Acacia arida</i>	0.8	0.2
<i>Bonamia pilbarensis</i>	0.1	0.1
<i>Corchorus tectus</i>	0.6	20
<i>Eriachne pulchella</i> subsp. <i>dominii</i>	0.1	0.1
<i>Eucalyptus leucophloia</i> subsp. <i>leucophloia</i>	4	0.2
<i>Hibiscus sturtii</i> var. <i>campylochlamys</i>	0.4	0.1
<i>Ptilotus fusiformis</i>	0.2	0.1
<i>Sida arenicola</i>	0.3	0.1
<i>Solanum diversiflorum</i>	0.1	0.1
<i>Tephrosia uniovulata</i>	0.3	0.1
<i>Triodia</i> sp. Robe River (M.E. Trudgen et al. MET 12367)	0.4	1
<i>Triodia wiseana</i>	0.2	15