

Brockman Resources Limited

**Marillana Vegetation and Flora Survey – Site Information
Phase 2**

938.00 Brockman Site B1

Described PWJ Date 4/09/2008 Type: Quadrat 50x50 m

MGA Zone 50 732964 mE 7501099 mN

Habitat Plain / floodplain

Soil Red-orange sandy-clay

Rock Type No rocks

Vegetation *Acacia aneura* var. *microcarpa* open woodland, over isolated clumps of *Acacia synchronicia* mid-shrubs, over **Cenchrus setiger* and **Cenchrus ciliaris* open tussock grassland. PJ 55-56

Veg Condition Poor - weeds and grazing

Fire Old >5yrs

Notes Sparse wood and leaf litter

Species List:

| Name | Cover |
|---|-------|
| <i>Acacia aneura</i> var. <i>microcarpa</i> | 2 |
| <i>Acacia inaequilatera</i> | N |
| <i>Acacia pachycarpa</i> | 2 |
| <i>Acacia pruinocarpa</i> | N |
| <i>Acacia sclerosperma</i> | 1 |
| <i>Acacia synchronicia</i> | 1 |
| <i>Amyema fitzgeraldii</i> | N |
| <i>Cenchrus ciliaris</i> | 3 |
| <i>Cenchrus setiger</i> | 3 |
| <i>Hakea lorea</i> subsp. <i>lorea</i> | 1 |
| <i>Hybanthus aurantiacus</i> | 1 |
| <i>Ipomoea muelleri</i> | 1 |
| <i>Lepidium phlebopetalum</i> | 1 |
| <i>Malvastrum americanum</i> | 2 |
| <i>Pterocaulon sphaeranthoides</i> | 1 |
| <i>Ptilotus obovatus</i> var. <i>obovatus</i> | 1 |
| <i>Rhagodia eremaea</i> | 1 |
| <i>Scaevola spinescens</i> | 1 |
| <i>Senna ferraria</i> | 1 |

938.00 Brockman Site B2

Described CW Date 11/09/200 Type: Quadrat 50 x 50 m

MGA Zone 50 735088 mE 7499895 mN

Habitat Flat Plain with negligible slope

Soil Red sandy clay with loose Soils and common coarse gravel-pebbles at the surface layer

Rock Type Ferrous

Vegetation *Acacia synchronicia* sparse mid-shrubland, over *Sclerolaena cornishiana* sparse low-shrubland, over **Cenchrus ciliaris* and **Cenchrus setiger* sparse tussock grassland. CW 1480-81 Plain

Veg Condition Poor, surrounded by *Cenchrus* plain

Fire Nil

Notes Negligible leaf litter and wood litter.

Species List:

| Name | Cover |
|---|-------|
| <i>Abutilon otocarpum</i> | 1 |
| <i>Acacia aneura</i> var. <i>aneura</i> | 1 |
| <i>Acacia pruinocarpa</i> | n |
| <i>Acacia synchronicia</i> | 2 |
| <i>Aristida contorta</i> | n |
| <i>Boerhavia repleta</i> | 1 |
| <i>Cenchrus ciliaris</i> | 2 |
| <i>Cenchrus setiger</i> | 2 |
| <i>Cleome viscosa</i> | n |
| <i>Enneapogon polyphyllus</i> | n |
| <i>Hakea lorea</i> subsp. <i>lorea</i> | 1 |
| <i>Ptilotus obovatus</i> var. <i>obovatus</i> | 1 |
| <i>Salsola tragus</i> subsp. <i>grandiflora</i> | 1 |
| <i>Sclerolaena cornishiana</i> | 2 |
| <i>Senna notabilis</i> | n |
| <i>Solanum lasiophyllum</i> | n |
| <i>Triodia epactia</i> | 1 |

938.00 Brockman Site R2

Described MH Date 12/09/200 Type: Quadrat 25 x 120

MGA Zone 50 730180 mE 7503835 mN

Habitat Creek bed and bank with moderate slope, steep in places

Soil Red-orange sandy clay with surface crust and loose Soil at surface layer

Rock Type few ferrous

Vegetation *Eucalyptus victrix* mid-woodland, over *Atalaya hemiglauca*, *Acacia citrinoviridis* and *Acacia coriacea* subsp. *pendens* low open woodland, over **Cenchrus ciliaris* and **Cenchrus setiger* closed tussock grassland. MH 515-17 Creek bank

Veg Condition Good with weeds noted

Fire nil

Notes Widespread plentiful leaf litter with moderate wood litter

Species List:

| Name | Cover |
|--|-------|
| <i>Abutilon fraseri</i> | n |
| <i>Acacia citrinoviridis</i> | 2 |
| <i>Acacia coriacea</i> subsp. <i>pendens</i> | 1 |
| <i>Amyema hilliana</i> | n |
| <i>Atalaya hemiglauca</i> | 1 |
| <i>Cenchrus ciliaris</i> | 4 |
| <i>Cenchrus setiger</i> | 4 |
| <i>Centipeda minima</i> subsp. <i>macrocephala</i> | 1 |
| <i>Cleome viscosa</i> | 1 |
| <i>Convolvulus angustissimus</i> subsp. <i>angustissimus</i> | n |
| <i>Cucumis maderaspatanus</i> | n |
| <i>Cyperus vaginatus</i> | n |
| <i>Cyperus vaginatus</i> | n |
| <i>Dichanthium sericeum</i> subsp. <i>humilius</i> | 1 |
| <i>Dysphania rhadinostachya</i> | n |
| <i>Eremophila longifolia</i> | n |
| <i>Eucalyptus victrix</i> | 3 |
| <i>Eulalia aurea</i> | 1 |
| <i>Euphorbia australis</i> | n |
| <i>Euphorbia coghlanii</i> | n |
| <i>Goodenia microptera</i> | n |
| <i>Malvastrum americanum</i> | 1 |
| <i>Nicotiana occidentalis</i> | n |
| <i>Phyllanthus maderaspatensis</i> | n |
| <i>Pterocaulon sphaeranthoides</i> | n |
| <i>Ptilotus exaltatus</i> var. <i>exaltatus</i> | n |
| <i>Ptilotus polystachyus</i> var. <i>polystachyus</i> | n |
| <i>Rhagodia eremaea</i> | n |
| <i>Rhynchosia minima</i> | 1 |
| <i>Sesbania cannabina</i> | n |
| <i>Setaria verticillata</i> | 1 |
| <i>Sida kingii</i> | n |
| <i>Stemodia grossa</i> | n |
| <i>Streptoglossa bubakii</i> | n |
| <i>Trichodesma zeylanicum</i> | 2 |
| <i>Waltheria indica</i> | n |

938.00 Brockman Site B3

Described CW Date 11/09/200 Type: Quadrat 50 x 50 m

MGA Zone 50 736818 mE 7498525 mN

Habitat Flat plain with negligible slope

Soil Red-orange sandy clay with fine gravel, loose Soil and coarse gravel/pebbles at the surface layer

Rock Type Few ferrous

Vegetation *Acacia pruinocarpa* and *Acacia aneura* sparse low woodland, over *Acacia synchronicia* open mid-shrubland, over *Sclerolaena cornishiana* open-low shrubland, over **Cenchrus ciliaris* open tussock grassland. CW1484-85 Plain

Veg Condition Good with *Cenchrus* sp and cattle grazing noted

Fire nil

Notes Negligible wood litter and sparse leaf litter distributed mainly under shrubs

Species List:

| Name | Cover |
|---|-------|
| <i>Acacia aneura</i> | 2 |
| <i>Acacia pruinocarpa</i> | 2 |
| <i>Acacia synchronicia</i> | 3 |
| <i>Amyema fitzgeraldii</i> | 1 |
| <i>Aristida contorta</i> | 1 |
| <i>Boerhavia</i> sp. | 1 |
| <i>Cenchrus ciliaris</i> | 3 |
| <i>Chrysopogon fallax</i> | n |
| <i>Cleome viscosa</i> | 1 |
| <i>Corchorus sidoides</i> subsp. <i>sidoides</i> | 1 |
| <i>Cullen leucochaetes</i> | 1 |
| <i>Enneapogon polyphyllus</i> | 1 |
| <i>Eriachne aristidea</i> | 1 |
| <i>Euphorbia boophthona</i> | n |
| <i>Hakea lorea</i> subsp. <i>lorea</i> | 1 |
| <i>Malvastrum americanum</i> | n |
| <i>Salsola tragus</i> subsp. <i>grandiflora</i> | n |
| <i>Sclerolaena cornishiana</i> | 3 |
| <i>Senna artemisioides</i> subsp. <i>oligophylla</i> x <i>helmsii</i> | 1 |
| <i>Senna notabilis</i> | 1 |
| <i>Sida fibulifera</i> | n |
| <i>Solanum lasiophyllum</i> | n |

938.00 Brockman Site R3

Described CW Date 10/09/200 Type: Quadrat 25 x 100

MGA Zone 50 731987 mE 7501882 mN

Habitat River bank- bank slope

Soil Red-orange sandy clay with many coarse gravel/river pebbles at surface layer

Rock Type Ferrous

Vegetation *Eucalyptus victrix* open mid-woodland, over *Acacia citrinoviridis* low-woodland, over **Cenchrus ciliaris* tussock grassland. CW 1477 River bank

Veg Condition Poor with widespread *Cenchrus* sp. noted

Fire nil

Notes Sparse wood litter and sparse, widespread leaf litter

Species List:

| Name | Cover |
|---|-------|
| <i>Acacia citrinoviridis</i> | 3 |
| <i>Acacia coriacea</i> subsp. <i>pendens</i> | 1 |
| <i>Aristida contorta</i> | 1 |
| <i>Atalaya hemiglauca</i> | 1 |
| <i>Capparis spinosa</i> | 1 |
| <i>Cenchrus ciliaris</i> | 4 |
| <i>Cenchrus setiger</i> | 1 |
| <i>Cleome viscosa</i> | 1 |
| <i>Corchorus crozophorifolius</i> | n |
| <i>Eriachne pulchella</i> subsp. <i>dominii</i> | 1 |
| <i>Eucalyptus victrix</i> | 2 |
| <i>Euphorbia australis</i> | 1 |
| <i>Euphorbia coghlanii</i> | 1 |
| <i>Heliotropium tenuifolium</i> | n |
| <i>Hybanthus aurantiacus</i> | n |
| <i>Phyllanthus maderaspatensis</i> | 1 |
| <i>Polycarpaea longiflora</i> | 1 |
| <i>Sesbania cannabina</i> | n |
| <i>Solanum phlomoides</i> | n |

938.00 Brockman Site B4

Described CW Date 11/09/200 Type: Quadrat 50 x 50 m

MGA Zone 50 737938 mE 7500388 mN

Habitat Flat plain in thick mulga band with negligible slope.

Soil Red-orange sand to sandy clay with loose Soil at the surface layer

Rock Type nil

Vegetation *Acacia aneura* var. *aneura* low-woodland, over *Acacia aneura* var. *aneura* sparse mid-shrubs, over
**Cenchrus ciliaris* tussock grassland. CW no pic plain / drainage?

Veg Condition Poor with widespread *Cenchrus* sp- heavily grazed- noted

Fire nil

Notes Negligible wood litter and moderate leaf litter distributed mainly under shrubs

Species List:

| Name | Cover |
|--|-------|
| <i>Abutilon lepidum</i> | 1 |
| <i>Acacia aneura</i> var. <i>aneura</i> | 4 |
| <i>Acacia inaequilatera</i> | 1 |
| <i>Acacia pruinocarpa</i> | 2 |
| <i>Acacia tetragonophylla</i> | n |
| <i>Amyema fitzgeraldii</i> | 1 |
| <i>Aristida inaequiglumis</i> | 1 |
| <i>Cenchrus ciliaris</i> | 4 |
| <i>Chrysopogon fallax</i> | 1 |
| <i>Duperreya commixta</i> | 1 |
| <i>Enneapogon polyphyllus</i> | n |
| <i>Enteropogon ramosus</i> | n |
| <i>Eulalia aurea</i> | 1 |
| <i>Evolvulus alsinoides</i> var. <i>villosicalyx</i> | n |
| <i>Maireana planifolia</i> | 1 |
| <i>Malvastrum americanum</i> | n |
| <i>Pterocaulon sphaeranthoides</i> | 1 |
| <i>Sclerolaena cornishiana</i> | n |
| <i>Senna artemisioides</i> subsp. <i>oligophylla</i> | 1 |
| <i>Sida fibulifera</i> | 1 |

938.00 Brockman Site R4

Described MH Date 14/09/200 Type: Quadrat 30 x 83

MGA Zone 50 732536 mE 7499029 mN

Habitat Flat plain on the island of a creek bank with negligible slope

Soil Red-orange sandy clay with patches of continuous creek stones and surface crust/loose Soil with no rocks at the surface layer

Rock Type River stones

Vegetation Isolated clumps of *Eucalyptus victrix* mid trees, over *Acacia citrinoviridis* open low-forest, over **Cenchrus ciliaris* open tussock grassland. MH 549-50 Creek bank.

Veg Condition Good with grazing and weeds noted

Fire nil

Notes Moderate wood litter with widespread, plentiful leaf litter.
See site sheet for site sketch.

Species List:

| Name | Cover |
|---|-------|
| <i>Acacia citrinoviridis</i> | 4 |
| <i>Atalaya hemiglauca</i> | n |
| <i>Cenchrus ciliaris</i> | 4 |
| <i>Cenchrus setiger</i> | 1 |
| <i>Corchorus crozophorifolius</i> | n |
| <i>Corchorus lasiocarpus</i> subsp. <i>lasiocarpus</i> | n |
| <i>Corymbia hamersleyana</i> | 1 |
| <i>Enneapogon polyphyllus</i> | n |
| <i>Eriachne pulchella</i> subsp. <i>dominii</i> | 1 |
| <i>Eucalyptus victrix</i> | 1 |
| <i>Euphorbia coghlanii</i> | n |
| <i>Hybanthus aurantiacus</i> | n |
| <i>Polycarpaea longiflora</i> | n |
| <i>Sida</i> sp. articulation below (A.A. Mitchell PRP 1605) | n |
| <i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i> | n |
| <i>Triodia schinzii</i> | n |

938.00 Brockman Site B5

Described MH Date 12/09/200 Type: Quadrat 30 x 83

MGA Zone 50 727283 mE 7505373 mN

Habitat Sand dune ridge top with moderate to gentle slope

Soil Red-black fine sand with loose Soil at the surface layer

Rock Type nil

Vegetation *Acacia dictyophleba* sparse tall shrubland, over *Crotalaria cunninghamii* open mid-shrubland, over **Cenchrus ciliaris* sparse tussock grassland and *Triodia schinzii* open hummock grassland. MH 500+01 sand dune

Veg Condition Good with grazing and few weeds noted

Fire 1-2 years

Notes Moderate wood litter and moderate leaf litter distributed mainly under shrubs.

Species List:

| Name | Cover |
|---|-------|
| <i>Acacia dictyophleba</i> | 2 |
| <i>Acacia pachyacra</i> | n |
| <i>Aristida holathera</i> var. <i>holathera</i> | 1 |
| <i>Atalaya hemiglauca</i> | n |
| <i>Bonamia rosea</i> | 1 |
| <i>Cenchrus ciliaris</i> | 2 |
| <i>Corchorus sidoides</i> | 1 |
| <i>Crotalaria cunninghamii</i> | 3 |
| <i>Dicrastylis cordifolia</i> | n |
| <i>Duperreya commixta</i> | n |
| <i>Eragrostis eriopoda</i> | 1 |
| <i>Eriachne gardneri</i> | 2 |
| <i>Hakea lorea</i> subsp. <i>lorea</i> | n |
| <i>Hibiscus brachychlaenus</i> | 2 |
| <i>Indigofera monophylla</i> | n |
| POACEAE sp. | 1 |
| <i>Ptilotus latifolius</i> | 1 |
| <i>Ptilotus polystachyus</i> var. <i>polystachyus</i> | n |
| <i>Rhagodia eremaea</i> | n |
| <i>Scaevola parvifolia</i> subsp. <i>parvifolia</i> | 1 |
| <i>Senna notabilis</i> | n |
| <i>Sida cardiophylla</i> | 2 |
| <i>Trianthema pilosa</i> | 2 |
| <i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i> | 2 |
| <i>Triodia schinzii</i> | 3 |

938.00 Brockman Site B6

Described MH Date 11/09/200 Type: Quadrat 50 x 50 m

MGA Zone 50 736675 mE 7500300 mN

Habitat Flat flood plain / Clay pan

Soil Red-orange sandy clay with surface crust

Rock Type nil

Vegetation Isolated clumps of *Acacia citrinoviridis* low trees, over *Acacia synchronicia* open tall shrubland, over *Eulalia aurea*, *Chrysopogon fallax* and **Cenchrus ciliaris* open tussock grassland. MH 475-76 clay pan

Veg Condition Good to poor

Fire nil

Notes Sparse wood litter and sparse, widespread leaf litter.

Species List:

| Name | Cover |
|---|-------|
| <i>Abutilon lepidum</i> | n |
| <i>Acacia ancistrocarpa</i> | n |
| <i>Acacia citrinoviridis</i> | 1 |
| <i>Acacia sclerosperma</i> subsp. <i>sclerosperma</i> | 2 |
| <i>Acacia synchronicia</i> | 3 |
| <i>Aristida contorta</i> | 1 |
| <i>Boerhavia repleta</i> | n |
| <i>Calocephalus</i> sp. Pilbara-Desert (M.E. Trudgen 11454) | n |
| <i>Calocephalus</i> sp. Pilbara-Desert (M.E. Trudgen 11454) | n |
| <i>Cenchrus ciliaris</i> | 1 |
| <i>Cenchrus setiger</i> | n |
| <i>Chloris pectinata</i> | 1 |
| <i>Chrysopogon fallax</i> | 2 |
| <i>Cleome viscosa</i> | 1 |
| <i>Corchorus sidoides</i> subsp. <i>sidoides</i> | 1 |
| <i>Enneapogon polyphyllus</i> | 1 |
| <i>Eragrostis xerophila</i> | 1 |
| <i>Eremophila lanceolata</i> | 1 |
| <i>Eulalia aurea</i> | 3 |
| <i>Euphorbia biconvexa</i> | n |
| <i>Euphorbia boophthona</i> | n |
| <i>Evolvulus alsinoides</i> var. <i>villosicalyx</i> | 1 |
| <i>Goodenia nuda</i> | 1 |
| <i>Goodenia nuda</i> | n |
| <i>Hakea lorea</i> subsp. <i>lorea</i> | n |
| <i>Ipomoea muelleri</i> | n |
| <i>Iseilema eremaeum</i> | 1 |
| <i>Lepidium phlebopetalum</i> | n |
| <i>Ptilotus aevroides</i> | n |
| <i>Ptilotus helipteroides</i> | n |
| <i>Ptilotus macrocephalus</i> | 1 |
| <i>Ptilotus obovatus</i> var. <i>obovatus</i> | n |
| <i>Rhagodia eremaea</i> | 2 |
| <i>Rhynchosia minima</i> | 1 |
| <i>Salsola tragus</i> subsp. <i>grandiflora</i> | 1 |
| <i>Sclerolaena cornishiana</i> | 2 |
| <i>Senna artemisioides</i> subsp. <i>oligophylla</i> | 2 |
| <i>Vachellia farnesiana</i> | n |

938.00 Brockman Site B7

Described MH Date 10/09/200 Type: Quadrat 50 x 50 m

MGA Zone 50 733929 mE 7502307 mN

Habitat Flat floodplain with negligible slope

Soil Red-orange sandy clay with surface crust

Rock Type Few ferrous

Vegetation Isolated trees of *Acacia pruinocarpa*, over *Acacia synchronicia* open mid-shrubland, over *Sclerolaena cornishiana* sparse low-shrubland, over **Cenchrus ciliaris* tussock grassland. PJ 1+2 Clay pan.

Veg Condition Poor with cattle tracks, grazing and weeds noted

Fire nil

Notes Sparse wood litter and moderate leaf litter (MH's site PJ recorded)

Species List:

| Name | Cover |
|--|-------|
| <i>Acacia pruinocarpa</i> | 1 |
| <i>Acacia synchronicia</i> | 3 |
| <i>Aristida contorta</i> | 2 |
| <i>Boerhavia repleta</i> | 1 |
| <i>Calotis porphyroglossa</i> | 1 |
| <i>Cenchrus ciliaris</i> | 4 |
| <i>Corchorus sidoides</i> subsp. <i>sidoides</i> | 1 |
| <i>Corchorus sidoides</i> subsp. <i>sidoides</i> | 2 |
| <i>Cullen lachnostachys</i> | 1 |
| <i>Cullen leucanthum</i> | 1 |
| <i>Cullen leucanthum</i> | 1 |
| <i>Cullen leucochaetes</i> | 1 |
| <i>Cymbopogon</i> sp. | n |
| <i>Dysphania rhadinostachya</i> | 1 |
| <i>Enneapogon caerulescens</i> | 1 |
| <i>Enneapogon polyphyllus</i> | 1 |
| <i>Eragrostis eriopoda</i> | 1 |
| <i>Eragrostis xerophila</i> | 1 |
| <i>Eragrostis xerophila</i> | 1 |
| <i>Eulalia aurea</i> | 1 |
| <i>Hibiscus sturtii</i> var. <i>platyklamys</i> | 1 |
| <i>Lepidium phlebopetalum</i> | 1 |
| <i>Salsola australis</i> | 1 |
| <i>Sclerolaena cornishiana</i> | 2 |
| <i>Senna notabilis</i> | 1 |
| <i>Solanum lasiophyllum</i> | 1 |
| <i>Solanum sturtianum</i> | 1 |
| <i>Vachellia farnesiana</i> | 1 |

938.00 Brockman Site B8

Described MH Date 12/09/200 Type: Quadrat 50 x 50 m

MGA Zone 50 727845 mE 7504512 mN

Habitat Flat plain with negligible slope at footslope of sand dune

Soil Red sand with loose Soil at surface layer

Rock Type nil

Vegetation *Eucalyptus gamophylla* open mallee woodland, over isolated plants of *Hakea lorea* subsp. *lorea* tall shrubs, over *Sida cardiophylla*, *Corchorus sidoides* and *Scaevola parvifolia* subsp. *parvifolia* sparse low shrubland, over *Eragrostis eriopoda* sparse tussock grassland and *Triodia basedowii* hummock grassland. MH 511-13 sand dune side

Veg Condition Excellent

Fire nil

Notes Sparse wood litter and sparse, widespread leaf litter.

Species List:

| Name | Cover |
|--|-------|
| <i>Acacia dictyophleba</i> | 1 |
| <i>Acacia inaequilatera</i> | n |
| <i>Acacia sericophylla</i> | n |
| <i>Aristida holathera</i> var. <i>holathera</i> | 2 |
| <i>Atalaya hemiglauca</i> | n |
| <i>Bonamia rosea</i> | 1 |
| <i>Cenchrus ciliaris</i> | 1 |
| <i>Corchorus sidoides</i> | 3 |
| <i>Dodonaea coriacea</i> | 1 |
| <i>Eragrostis eriopoda</i> | 2 |
| <i>Eremophila forrestii</i> subsp. <i>forrestii</i> | n |
| <i>Eucalyptus gamophylla</i> | 2 |
| <i>Hakea lorea</i> subsp. <i>lorea</i> | 1 |
| <i>Hibiscus brachychlaenus</i> | 3 |
| <i>Indigofera monophylla</i> | 1 |
| <i>Paraneurachne muelleri</i> | 1 |
| <i>Scaevola parvifolia</i> subsp. <i>parvifolia</i> | 2 |
| <i>Senna artemisioides</i> subsp. <i>oligophylla</i> | n |
| <i>Sida cardiophylla</i> | 3 |
| <i>Triodia basedowii</i> | 4 |
| <i>Triodia schinzii</i> | 1 |

938.00 Brockman Site B9

Described PWJ Date 12/09/200 Type: Quadrat 50 x 50 m

MGA Zone 50 730515 mE 7503067 mN

Habitat Flat floodplain with negligible slope

Soil Red-orange clay loam with surface crust

Rock Type nil

Vegetation Isolated low trees of *Corymbia* sp., and *Hakea lorea* subsp. *lorea*, over *Acacia synchronicia* and *Acacia sclerosperma* subsp. *sclerosperma* tall shrubland, over **Cenchrus ciliaris* and **Cenchrus setiger* tussock grassland. PJ 66-69 Floodplain

Veg Condition Poor with weeds widespread noted

Fire old

Notes Sparse wood litter and moderate leaf litter

Species List:

| Name | Cover |
|---|-------|
| <i>Acacia ?pachycarpa</i> | N |
| <i>Acacia sclerosperma</i> subsp. <i>sclerosperma</i> | 1 |
| <i>Acacia synchronicia</i> | 2 |
| <i>Atalaya hemiglauca</i> | N |
| <i>Cenchrus ciliaris</i> | 3 |
| <i>Cenchrus ciliaris</i> | 3 |
| <i>Hakea lorea</i> subsp. <i>lorea</i> | N |
| <i>Pterocaulon sphaeranthoides</i> | 1 |
| <i>Rhagodia eremaea</i> | 1 |

938.00 Brockman Site B10

Described PWJ Date 12/09/200 Type: Quadrat 50 x 50 m

MGA Zone 50 728643 mE 7503839 mN

Habitat Flat floodplain with negligible slope

Soil Black brown loam with surface crust

Rock Type nil

Vegetation *Acacia dictyophleba* sparse tall shrubland, over *Triodia basedowii* hummock grassland. PJ 60-61 plain

Veg Condition Good

Fire Old

Notes Sparse wood litter and sparse leaf litter.

Species List:

| Name | Cover |
|---|-------|
| <i>Acacia ?trudgeniana</i> | 1 |
| <i>Acacia ancistrocarpa</i> | 1 |
| <i>Acacia dictyophleba</i> | 3 |
| <i>Acacia pachyacra</i> | 1 |
| <i>Acacia sclerosperma</i> subsp. <i>sclerosperma</i> | 1 |
| <i>Bonamia rosea</i> | 1 |
| <i>Cenchrus ciliaris</i> | 2 |
| <i>Cenchrus setiger</i> | 2 |
| <i>Corchorus sidoides</i> subsp. <i>sidoides</i> | 1 |
| <i>Enneapogon polyphyllus</i> | 1 |
| <i>Eragrostis eriopoda</i> | 1 |
| <i>Eremophila lanceolata</i> | 1 |
| <i>Eremophila longifolia</i> | 1 |
| <i>Gossypium australe</i> | 1 |
| <i>Hakea lorea</i> subsp. <i>lorea</i> | 1 |
| <i>Hibiscus sturtii</i> var. <i>platyklamys</i> | 1 |
| <i>Paraneurachne muelleri</i> | 1 |
| <i>Pterocaulon sphaeranthoides</i> | 1 |
| <i>Ptilotus obovatus</i> var. <i>obovatus</i> | 1 |
| <i>Ptilotus polystachyus</i> var. <i>polystachyus</i> | 1 |
| <i>Rhagodia eremaea</i> | 1 |
| <i>Senna artemisioides</i> subsp. <i>oligophylla</i> x <i>helmsii</i> | 1 |
| <i>Sida cardiophylla</i> | 1 |
| <i>Solanum phlomoides</i> | 1 |
| <i>Trianthema pilosa</i> | 1 |
| <i>Triodia basedowii</i> | 4 |

938.00 Brockman Site R10

Described PWJ Date 14/09/200 Type: Quadrat 50 x 50 m

MGA Zone 50 727310 mE 7500435 mN

Habitat Flat plain with negligible slope

Soil Red-orange clay loam with surface crust

Rock Type few ferrous

Vegetation Isolated *Eucalyptus gamophylla* mallee trees, over *Grevillea wickhamii* open tall shrubland, over *Acacia ancistrocarpa* and *Grevillea wickhamii* sparse mid shrubland, over *Triodia ? basedowii* open hummock grassland. PJ 97-98 footslope

Veg Condition Excellent

Fire Old

Notes Sparse wood litter and sparse leaf litter

Species List:

| Name | Cover |
|--|-------|
| <i>Acacia ancistrocarpa</i> | 1 |
| <i>Acacia elachantha</i> | 1 |
| <i>Bonamia rosea</i> | 1 |
| <i>Corchorus sidoides</i> subsp. <i>sidoides</i> | 1 |
| <i>Cullen leucochaites</i> | 1 |
| <i>Eucalyptus gamophylla</i> | 1 |
| <i>Eucalyptus gamophylla</i> | 1 |
| <i>Grevillea wickhamii</i> | 3 |
| <i>Hakea chordophylla</i> | N |
| <i>Indigofera monophylla</i> | 1 |
| <i>Mollugo molluginea</i> | 1 |
| <i>Ptilotus astrolasius</i> var. <i>astrolasius</i> | 1 |
| <i>Ptilotus helipteroides</i> var. <i>helipteroides</i> | 1 |
| <i>Sida cardiophylla</i> | 1 |
| <i>Solanum phlomoides</i> | 1 |
| <i>Tephrosia</i> sp. Bungaroo Creek (M.E. Trudgen 11601) | 1 |
| <i>Triodia ? basedowii</i> | 3 |

938.00 Brockman Site B11

Described MH Date 12/09/200 Type: Quadrat 50 x 50 m

MGA Zone 50 726586 mE 7504841 mN

Habitat Flat plain with negligible slope

Soil Red-orange sand to sandy clay with some surface crust and mostly loose Soil at the surface layer

Rock Type nil

Vegetation Isolated low trees of *Corymbia hamersleyana*, over *Acacia inaequilatera* sparse tall shrubland, over *Corchorus sidoides* subsp. *sidoides* open low shrubland, over *Aristida holathera* var. *holathera* and *Aristida inaequiglumis* tussock grassland, over *Triodia basedowii* sparse hummock grassland. MH 491+92 Plain

Veg Condition Excellent with some grazing noted

Fire Moderate

Notes Moderate wood litter and widespread, sparse leaf litter.

Species List:

| Name | Cover |
|---|-------|
| <i>Abutilon lepidum</i> | n |
| <i>Acacia inaequilatera</i> | 2 |
| <i>Acacia sclerosperma</i> subsp. <i>sclerosperma</i> | n |
| <i>Aristida holathera</i> var. <i>holathera</i> | 3 |
| <i>Aristida inaequiglumis</i> | 2 |
| <i>Atalaya hemiglauca</i> | n |
| <i>Cenchrus ciliaris</i> | 1 |
| <i>Chrysopogon fallax</i> | 1 |
| <i>Cleome viscosa</i> | 1 |
| <i>Corchorus sidoides</i> subsp. <i>sidoides</i> | 3 |
| <i>Corymbia hamersleyana</i> | 1 |
| <i>Cullen lachnostachys</i> | n |
| <i>Eragrostis eriopoda</i> | 1 |
| <i>Eremophila longifolia</i> | n |
| <i>Eriachne aristidea</i> | 1 |
| <i>Eulalia aurea</i> | 1 |
| <i>Euphorbia schultzii</i> | 2 |
| <i>Euphorbia tannensis</i> subsp. <i>eremophila</i> | 1 |
| <i>Goodenia microptera</i> | 1 |
| <i>Hakea lorea</i> subsp. <i>lorea</i> | n |
| <i>Hibiscus sturtii</i> var. <i>platyklamys</i> | n |
| <i>Portulaca oleracea</i> | 1 |
| <i>Ptilotus astrolasius</i> var. <i>astrolasius</i> | 1 |
| <i>Ptilotus exaltatus</i> var. <i>exaltatus</i> | 2 |
| <i>Ptilotus obovatus</i> var. <i>obovatus</i> | 2 |
| <i>Ptilotus polystachyus</i> var. <i>polystachyus</i> | 2 |
| <i>Senna artemisioides</i> subsp. <i>oligophylla</i> | 1 |
| <i>Senna notabilis</i> | 2 |
| <i>Solanum lasiophyllum</i> | 1 |
| <i>Solanum phlomoides</i> | n |
| <i>Trianthema pilosa</i> | 1 |
| <i>Tribulus hirsutus</i> | 1 |
| <i>Tribulus macrocarpus</i> | 1 |
| <i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i> | 1 |
| <i>Triodia basedowii</i> | 2 |

938.00 Brockman Site B12

Described CW Date 12/09/200 Type: Quadrat 50 x 50 m

MGA Zone 50 728257 mE 7505664 mN

Habitat Flat plain/ Clay pan with negligible slope

Soil Red-orange clay to sandy clay with loose Soil and surface crust

Rock Type nil

Vegetation Isolated mid trees of *Acacia aneura* var. *intermedia*, over *Hakea lorea* subsp. *lorea* and *Acacia tetragonophylla* sparse tall shrubland, over *Acacia synchronicia* and *Rhagodia eremaea* sparse low shrubland, over **Cenchrus ciliaris* and *Cenchrus setiger* open tussock grassland. CW 1488-89 Plain.

Veg Condition Good with *Cenchrus ciliaris* noted

Fire nil

Notes Negligible wood litter and sparse leaf litter distributed mainly under shrubs

Species List:

| Name | Cover |
|--|-------|
| <i>Acacia aneura</i> var. <i>intermedia</i> | 1 |
| <i>Acacia citrinoviridis</i> | 1 |
| <i>Acacia inaequilatera</i> | 1 |
| <i>Acacia synchronicia</i> | 2 |
| <i>Acacia tetragonophylla</i> | 2 |
| <i>Amyema fitzgeraldii</i> | 1 |
| <i>Boerhavia repleta</i> | n |
| <i>Cenchrus ciliaris</i> | 3 |
| <i>Cenchrus setiger</i> | 3 |
| <i>Corchorus sidoides</i> subsp. <i>sidoides</i> | 1 |
| <i>Eremophila lanceolata</i> | 1 |
| <i>Eremophila lanceolata</i> | 2 |
| <i>Eremophila lanceolata</i> | 1 |
| <i>Hakea lorea</i> subsp. <i>lorea</i> | 2 |
| <i>Malvastrum americanum</i> | n |
| <i>Rhagodia eremaea</i> | 3 |
| <i>Vachellia farnesiana</i> | 1 |

938.00 Brockman Site B13

Described CW Date 12/09/200 Type: Quadrat 50 x 50 m

MGA Zone 50 727969 mE 7506100 mN

Habitat Flat plain with negligible slope

Soil Red-orange sandy clay with loose Soil and coarse gravel/pebbles at the surface layer

Rock Type few ferrous

Vegetation *Acacia aneura* var. *intermedia* open woodland, over *Hakea lorea* subsp. *lorea* sparse tall shrubland, over *Acacia synchronicia* sparse mid shrubland, over **Cenchrus ciliaris* tussock grassland. CW 1486-87 plain.

Veg Condition Poor with cattle grazing and *Cenchrus* noted

Fire nil

Notes Negligible wood litter and sparse leaf litter distributed mainly under shrubs

Species List:

| Name | Cover |
|--|-------|
| <i>Acacia</i> aff. <i>aneura</i> (narrow fine veined; site 1259) | 3 |
| <i>Acacia aneura</i> var. ? <i>aneura</i> | 1 |
| <i>Acacia aneura</i> var. <i>intermedia</i> | 2 |
| <i>Acacia sclerosperma</i> subsp. <i>sclerosperma</i> | 2 |
| <i>Acacia synchronicia</i> | 1 |
| <i>Acacia tetragonophylla</i> | 1 |
| <i>Amyema fitzgeraldii</i> | 1 |
| <i>Cenchrus ciliaris</i> | 4 |
| <i>Corchorus sidoides</i> subsp. <i>sidoides</i> | n |
| <i>Cullen leucochaites</i> | 1 |
| <i>Hakea lorea</i> subsp. <i>lorea</i> | 2 |
| <i>Rhagodia eremaea</i> | 1 |
| <i>Vachellia farnesiana</i> | 1 |

938.00 Brockman

Site

B14

Described PWJ **Date** 15/09/200 **Type:**

MGA Zone 50 737663 **mE** 7494254 **mN**

Habitat Flat floodplain with negligible slope

Soil Red-orange clay loam with surface crust

Rock Type nil

Vegetation *Acacia pruinocarpa* and *Acacia citrinoviridis* open mid-woodland, over isolated plants of *Acacia citrinoviridis* tall shrubs, over **Cenchrus ciliaris* open tussock grassland. PJ116-18 Floodplain

Veg Condition Poor with grazing and weeds noted

Fire Old

Notes Sparse wood litter and sparse leaf litter.

Species List:

| Name | Cover |
|---|--------------|
| <i>Acacia aneura</i> var. <i>aneura</i> | 2 |
| <i>Acacia citrinoviridis</i> | 2 |
| <i>Acacia pruinocarpa</i> | 2 |
| <i>Acacia synchronicia</i> | 1 |
| <i>Aristida holathera</i> var. <i>holathera</i> | 1 |
| <i>Cenchrus ciliaris</i> | 3 |
| <i>Corymbia</i> ? <i>hamersleyana</i> | 1 |
| <i>Corymbia hamersleyana</i> | N |
| <i>Hakea chordophylla</i> | 1 |
| <i>Solanum phlomoides</i> | 1 |
| <i>Triodia epactia</i> | 1 |

938.00 Brockman Site B15

Described CW Date 15/09/200 Type: Quadrat 50 x 50 m

MGA Zone 50 737270 mE 7495145 mN

Habitat Rive bed on flat plain with negligible slope

Soil Red-orange sand to sandy clay with loose Soil and river stones at the surface layer

Rock Type Common river stones, ferrous

Vegetation Isolated mid-trees of *Eucalyptus camaldulensis* var. *obtusa*, over isolated low trees of *Atalaya hemiglauca*, over *Acacia citrinoviridis* sparse tall shrubland, over **Cenchrus ciliaris* and **Cenchrus setiger* open tussock grassland. CW 1519 River bed

Veg Condition Poor with heavy grazing and *Cenchrus ciliaris* noted

Fire nil

Notes Sparse wood litter and moderate leaf litter distributed mainly under shrubs.

Species List:

| Name | Cover |
|--|-------|
| <i>Abutilon lepidum</i> | 1 |
| <i>Acacia citrinoviridis</i> | 2 |
| <i>Acacia synchronicia</i> | n |
| <i>Alternanthera nana</i> | 1 |
| <i>Alternanthera nodiflora</i> | 1 |
| <i>Atalaya hemiglauca</i> | 1 |
| <i>Cenchrus ciliaris</i> | 3 |
| <i>Cenchrus setiger</i> | 3 |
| <i>Cleome viscosa</i> | 1 |
| <i>Corchorus sidoides</i> subsp. <i>sidoides</i> | 1 |
| <i>Eragrostis leptocarpa</i> | 1 |
| <i>Eremophila longifolia</i> | n |
| <i>Eucalyptus camaldulensis</i> var. <i>obtusa</i> | 1 |
| <i>Euphorbia biconvexa</i> | 1 |
| <i>Evolvulus alsinoides</i> | 1 |
| <i>Goodenia lamprosperma</i> | 1 |
| <i>Gossypium australe</i> | 1 |
| <i>Hakea lorea</i> subsp. <i>lorea</i> | 1 |
| <i>Leptopus decaisnei</i> | n |
| <i>Malvastrum americanum</i> | 2 |
| <i>Phyllanthus erwinii</i> | 1 |
| <i>Pterocaulon sphaeranthoides</i> | 1 |
| <i>Pterocaulon sphaeranthoides</i> | 1 |
| <i>Ptilotus macrocephalus</i> | 1 |
| <i>Sida kingii</i> | 1 |
| <i>Streptoglossa bubakii</i> | n |

938.00 Brockman Site B18

Described CW Date 14/09/200 Type: Quadrat 50 x 50 m

MGA Zone 50 728124 mE 7499745 mN

Habitat Flat plain with negligible slope at footslopes

Soil Red-orange sandy clay with some surface crust and loose Soil, mainly stones/boulders at surface layer

Rock Type many ferrous

Vegetation *Acacia inaequilatera* sparse tall shrubland, over *Senna artemisioides* subsp. *oligophylla* and *Acacia inaequilatera* sparse low-shrubland, over *Eragrostis eriopoda*, *Aristida holathera* var. *holathera* and **Cenchrus ciliaris* open tussock grassland, over isolated clumps of *Triodia basedowii* and *Triodia schinzii* hummock grasses. MH538-39 Plain/footslope

Veg Condition Good with tracks and weeds noted

Fire very recent

Notes Moderate wood litter and sparse leaf litter distributed mainly under shrubs.

Species List:

| Name | Cover |
|---|-------|
| <i>Acacia inaequilatera</i> | 2 |
| <i>Acacia pachyacra</i> | 1 |
| <i>Acacia pruinocarpa</i> | n |
| <i>Acacia spondylophylla</i> | n |
| <i>Aristida holathera</i> var. <i>holathera</i> | 2 |
| <i>Cenchrus ciliaris</i> | 2 |
| <i>Cleome viscosa</i> | 2 |
| <i>Corchorus sidoides</i> subsp. <i>sidoides</i> | 1 |
| <i>Cullen leucochaites</i> | n |
| <i>Eragrostis eriopoda</i> | 3 |
| <i>Goodenia microptera</i> | 1 |
| <i>Gossypium australe</i> | 1 |
| <i>Grevillea wickhamii</i> | n |
| <i>Hakea lorea</i> subsp. <i>lorea</i> | n |
| <i>Iseilema eremaeum</i> | 1 |
| <i>Maireana villosa</i> | n |
| <i>Mollugo molluginea</i> | 2 |
| <i>Paraneurachne muelleri</i> | 1 |
| <i>Ptilotus astrolasius</i> var. <i>astrolasius</i> | 2 |
| <i>Ptilotus exaltatus</i> | 1 |
| <i>Ptilotus helipteroides</i> var. <i>helipteroides</i> | 3 |
| <i>Ptilotus obovatus</i> var. <i>obovatus</i> | 1 |
| <i>Ptilotus polystachyus</i> var. <i>polystachyus</i> | 3 |
| <i>Senna artemisioides</i> subsp. <i>oligophylla</i> | 2 |
| <i>Tephrosia rosea</i> var. <i>glabrior</i> | n |
| <i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i> | 1 |
| <i>Triodia basedowii</i> | 1 |
| <i>Triodia schinzii</i> | 1 |

938.00 Brockman Site R16

Described CW Date 12/09/200 Type: Quadrat 50 x 50 m

MGA Zone 50 729520 mE 7502757 mN

Habitat Flat plain with negligible slope

Soil Red-orange sandy clay with loose Soil at the surface layer

Rock Type nil

Vegetation *Corymbia hamersleyana* and *Eucalyptus victrix* open mid-woodland, over *Acacia aneura* var. *?aneura* low woodland, over *Eulalia aurea*, **Cenchrus ciliaris* and **Cenchrus setiger* open tussock grasses. CW 1493 Plain

Veg Condition Poor with *Malvastrum americanum* and very heavy cattle grazing noted

Fire Moderate

Notes Sparse wood litter and widespread moderate leaf litter.

Species List:

| Name | Cover |
|--|-------|
| <i>Abutilon</i> aff. <i>dioicum</i> | 2 |
| <i>Abutilon</i> <i>otocarpum</i> | n |
| <i>Acacia aneura</i> var. <i>?aneura</i> | 3 |
| <i>Acacia</i> <i>citrinoviridis</i> | 1 |
| <i>Atalaya</i> <i>hemiglauca</i> | 2 |
| <i>Cenchrus ciliaris</i> | 2 |
| <i>Cenchrus setiger</i> | 2 |
| <i>Corymbia hamersleyana</i> | 2 |
| <i>Cucumis maderaspatanus</i> | 1 |
| <i>Datura leichhardtii</i> | 1 |
| <i>Duperreya commixta</i> | 1 |
| <i>Eremophila lanceolata</i> | n |
| <i>Eremophila longifolia</i> | 1 |
| <i>Eucalyptus victrix</i> | 2 |
| <i>Eulalia aurea</i> | 2 |
| <i>Gossypium robinsonii</i> | 1 |
| <i>Ipomoea muelleri</i> | 1 |
| <i>Malvastrum americanum</i> | 3 |
| <i>Pterocaulon sphaeranthoides</i> | 1 |
| <i>Ptilotus exaltatus</i> | n |
| <i>Rhynchosia minima</i> | 1 |
| <i>Senna notabilis</i> | n |
| <i>Solanum lasiophyllum</i> | n |

938.00 Brockman Site B17

Described MH Date 14/09/200 Type: Quadrat 50 x 50 m

MGA Zone 50 729201 mE 7500954 mN

Habitat Flat plain negligible slope

Soil Red-orange sandy clay surface crust

Rock Type Nil

Vegetation Isolated mid trees of *Corymbia hamersleyana*, over *Acacia inaequilatera*, *Hakea lorea* subsp. *lorea* and *Acacia pachyacra* sparse tall shrubland, over *Cullen leucochaites* sparse to open mid shrubland, over *Eragrostis eriopoda* and *Aristida holathera* var. *holathera* open tussock grassland, over *Triodia basedowii* moderately dense hummock grassland. MH 544-547 Plain

Veg Condition Good - weeds

Fire None evident

Notes Plentiful mainly under shrubs of leaf litter, moderate widespread leaf litter and sparse wood litter.

Species List:

| Name | Cover |
|---|-------|
| <i>Acacia ancistrocarpa</i> | 1 |
| <i>Acacia dictyophleba</i> | n |
| <i>Acacia inaequilatera</i> | 2 |
| <i>Acacia pachyacra</i> | 1 |
| <i>Acacia sericophylla</i> | n |
| <i>Acacia sericophylla</i> | n |
| <i>Acacia synchronicia</i> | n |
| <i>Aristida holathera</i> var. <i>holathera</i> | 3 |
| <i>Aristida inaequiglumis</i> | 1 |
| <i>Bonamia rosea</i> | 2 |
| <i>Cenchrus ciliaris</i> | 2 |
| <i>Corchorus sidoides</i> subsp. <i>sidoides</i> | 2 |
| <i>Corymbia hamersleyana</i> | 1 |
| <i>Cucumis maderaspatanus</i> | n |
| <i>Cullen leucochaites</i> | 3 |
| <i>Cymbopogon</i> sp. | n |
| <i>Eragrostis eriopoda</i> | 3 |
| <i>Eragrostis eriopoda</i> | n |
| <i>Eremophila longifolia</i> | n |
| <i>Eriachne aristidea</i> | n |
| <i>Euphorbia coghlanii</i> | n |
| <i>Hakea lorea</i> subsp. <i>lorea</i> | 2 |
| <i>Hibiscus sturtii</i> var. <i>campylochlamys</i> | n |
| <i>Indigofera monophylla</i> | n |
| <i>Ptilotus polystachyus</i> var. <i>polystachyus</i> | n |
| <i>Scaevola parvifolia</i> subsp. <i>pilbarae</i> | 1 |
| <i>Senna notabilis</i> | n |
| <i>Sida cardiophylla</i> | n |
| <i>Solanum lasiophyllum</i> | n |
| <i>Tephrosia rosea</i> var. <i>glabrior</i> | 1 |
| <i>Tephrosia rosea</i> var. <i>glabrior</i> | n |
| <i>Triodia basedowii</i> | 4 |
| <i>Triodia schinzii</i> | n |

938.00 Brockman Site B18

Described CW Date 14/09/200 Type: Quadrat 50 x 50 m

MGA Zone 50 726645 mE 7502802 mN

Habitat Flat/Plain and Footslope of negligible slope

Soil Red-orange sand to sandy-clay fine gravel and loose Soil

Rock Type Nil

Vegetation *Acacia pachyacra* sparse mid shrubland, over *Dicrastylis cordifolia* and *Bonamia rosea* sparse low shrubland, over *Aristida holathera* var. *holathera* open tussock grassland, over *Triodia ?basedowii* open hummock grassland. CW 1508 Plain

Veg Condition Excellent - Tracks

Fire Moderate

Notes Sparse leaf litter mainly under shrubs and negligible wood litter.

Species List:

| Name | Cover |
|---|-------|
| <i>Acacia inaequilatera</i> | 1 |
| <i>Acacia pachyacra</i> | 2 |
| <i>Aristida holathera</i> var. <i>holathera</i> | 3 |
| <i>Aristida inaequiglumis</i> | 2 |
| <i>Bonamia rosea</i> | 2 |
| <i>Corchorus sidoides</i> subsp. <i>sidoides</i> | 2 |
| <i>Corchorus sidoides</i> subsp. <i>sidoides</i> | 1 |
| <i>Cullen leucochaites</i> | n |
| <i>Cymbopogon ambiguus</i> | 1 |
| <i>Dicrastylis cordifolia</i> | 2 |
| <i>Eriachne aristidea</i> | 2 |
| <i>Eulalia aurea</i> | n |
| <i>Euphorbia schultzii</i> | 1 |
| <i>Goodenia microptera</i> | 2 |
| <i>Grevillea wickhamii</i> | n |
| <i>Hakea lorea</i> subsp. <i>lorea</i> | 1 |
| <i>Haloragis gossei</i> var. <i>gossei</i> | 1 |
| <i>Heliotropium pachyphyllum</i> | 1 |
| <i>Indigofera monophylla</i> | 1 |
| <i>Ptilotus astrolasius</i> var. <i>astrolasius</i> | 1 |
| <i>Ptilotus calostachyus</i> | n |
| <i>Ptilotus obovatus</i> var. <i>obovatus</i> | 1 |
| <i>Ptilotus polystachyus</i> | 1 |
| <i>Senna notabilis</i> | 2 |
| <i>Sida arenicola</i> | 1 |
| <i>Sida cardiophylla</i> | 1 |
| <i>Trichodesma zeylanicum</i> | 1 |
| <i>Triodia ? basedowii</i> | 3 |

938.00 Brockman Site R18

Described CW Date 12/09/200 Type: Quadrat 50 x 50 m

MGA Zone 50 728291 mE 7505260 mN

Habitat Flat plain with negligible slope

Soil Red-orange sandy clay with surface crust and loose Soil

Rock Type Nil

Vegetation *Acacia synchronicia* open tall to medium, over **Cenchrus setiger* and **Cenchrus ciliaris* tussock grassland. CW 1490 Plain

Veg Condition Poor - *Cenchrus* and Cattle grazing

Fire Old >5yrs

Notes Negligible leaf and wood litter
Synchro/*Cenchrus*

Species List:

| Name | Cover |
|--|-------|
| <i>Abutilon otocarpum</i> | 1 |
| <i>Acacia synchronicia</i> | 3 |
| <i>Cenchrus ciliaris</i> | 3 |
| <i>Cenchrus setiger</i> | 3 |
| <i>Corchorus sidoides</i> subsp. <i>sidoides</i> | 1 |
| <i>Enchylaena tomentosa</i> var. <i>tomentosa</i> | 1 |
| <i>Malvastrum americanum</i> | 1 |
| <i>Ptilotus obovatus</i> var. <i>obovatus</i> | 1 |
| <i>Rhagodia eremaea</i> | 1 |
| <i>Sclerolaena cornishiana</i> | 1 |
| <i>Sclerolaena costata</i> | 1 |
| <i>Senna artemisioides</i> subsp. <i>oligophylla</i> x ? | 1 |
| <i>Vachellia farnesiana</i> | 1 |

938.00 Brockman Site B19

Described MH Date 12/09/200 Type: Quadrat 30 x 83

MGA Zone 50 727842 mE 7504573 mN

Habitat Sand dune R11 moderate to gentle on dune sides.

Soil Red-black fine loose sand

Rock Type Nil

Vegetation *Acacia dictyophleba* open tall shrubland, over *Sida cardiophylla*, *Acacia dictyophleba*, *Corchorus sidoides* subsp. *sidoides* and *Crotalaria cunninghamii* sparse low shrubland, over **Cenchrus ciliaris* sparse tussock grassland, over *Triodia schinzii* hummock grassland.

Veg Condition Excellent

Fire Non evident

Notes Moderate widespread leaf litter and moderate wood litter.
Lovely drawing of a sand dune on site sheet.

Species List:

| Name | Cover |
|---|-------|
| <i>Abutilon otocarpum</i> | n |
| <i>Acacia dictyophleba</i> | 3 |
| <i>Aristida holathera</i> var. <i>holathera</i> | n |
| <i>Bonamia rosea</i> | 1 |
| <i>Cenchrus ciliaris</i> | 2 |
| <i>Corchorus sidoides</i> subsp. <i>sidoides</i> | 2 |
| <i>Crotalaria cunninghamii</i> | 2 |
| <i>Eragrostis eriopoda</i> | 1 |
| <i>Eriachne gardneri</i> | 1 |
| <i>Hakea lorea</i> subsp. <i>lorea</i> | n |
| <i>Haloragis gossei</i> var. <i>gossei</i> | n |
| <i>Iseilema eremaeum</i> | n |
| POACEAE sp. | 1 |
| <i>Ptilotus polystachyus</i> var. <i>polystachyus</i> | 1 |
| <i>Scaevola parvifolia</i> subsp. <i>parvifolia</i> | n |
| <i>Senna artemisioides</i> subsp. <i>oligophylla</i> | n |
| <i>Senna notabilis</i> | n |
| <i>Sida cardiophylla</i> | 2 |
| <i>Trianthema pilosa</i> | 1 |
| <i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i> | 1 |
| <i>Triodia basedowii</i> | n |
| <i>Triodia schinzii</i> | 4 |

938.00 Brockman Site B20

Described MH Date 13/09/200 Type: Quadrat 50 x 50 m

MGA Zone 50 732120 mE 7496923 mN

Habitat Rocky footslope gentle slope

Soil Red-orange sandy clay surface crust (40%)

Rock Type Ferrous

Vegetation *Corymbia hamersleyana* scattered low woodland over *Acacia pyrifolia* var. *morrisonii* and *Grevillea wickhamii* open tall shrubland over *Senna artemisioides* subsp. *oligophylla* open low shrubland over *Ptilotus astrolasius* sparse very low shrubland over *Cenchrus ciliaris* sparse tussock grassland over *Triodia schinzii* hummock grassland.

Veg Condition Good - tracks and weeds

Fire None evident

Notes Moderate widespread leaf litter and moderate wood litter.

Lovely drawing provided on site sheet...

Species List:

| Name | Cover |
|---|-------|
| <i>Abutilon otocarpum</i> | n |
| <i>Acacia inaequilatera</i> | n |
| <i>Acacia pyrifolia</i> var. <i>morrisonii</i> | 3 |
| <i>Acacia tumida</i> var. <i>pilbarensis</i> | 2 |
| <i>Aristida contorta</i> | 1 |
| <i>Aristida holathera</i> var. <i>holathera</i> | 2 |
| <i>Cenchrus ciliaris</i> | 2 |
| <i>Cleome viscosa</i> | n |
| <i>Corchorus sidoides</i> subsp. <i>sidoides</i> | 1 |
| <i>Corymbia hamersleyana</i> | 1 |
| <i>Eragrostis eriopoda</i> | 2 |
| <i>Eriachne aristidea</i> | n |
| <i>Gossypium australe</i> | 1 |
| <i>Gossypium robinsonii</i> | n |
| <i>Grevillea wickhamii</i> | 3 |
| <i>Hakea chordophylla</i> | n |
| <i>Heliotropium pachyphyllum</i> | 1 |
| <i>Hibiscus sturtii</i> var. <i>platyklamys</i> | n |
| <i>Hybanthus aurantiacus</i> | 2 |
| <i>Indigofera monophylla</i> | n |
| <i>Mollugo molluginea</i> | 2 |
| <i>Ptilotus astrolasius</i> var. <i>astrolasius</i> | 2 |
| <i>Ptilotus helipteroides</i> var. <i>helipteroides</i> | n |
| <i>Ptilotus polystachyus</i> var. <i>polystachyus</i> | n |
| <i>Senna artemisioides</i> subsp. <i>helmsii</i> | n |
| <i>Senna artemisioides</i> subsp. <i>oligophylla</i> | 3 |
| <i>Solanum lasiophyllum</i> | n |
| <i>Tephrosia rosea</i> var. <i>glabrior</i> | n |
| <i>Triodia basedowii</i> | 2 |

938.00 Brockman **Site** B21 **Type:**
MGA Zone 50 729405 **mE** 7503923 **mN**
Habitat Flat plain floodplain negligible slope
Soil Red orange sandy clay to clay surface crust
Rock Type Nil
Vegetation *Acacia aneura* var. ? low woodland, over *Cenchrus ciliaris* tussock grassland.
Veg Condition Poor - weeds widespread and grazing
Fire Old
Notes sparse leaf litter and moderate woodlitter

Species List:

| Name | Cover |
|--|--------------|
| <i>Acacia ?pachycarpa</i> | 1 |
| <i>Acacia aneura</i> var. ? | 2 |
| <i>Acacia coriacea</i> subsp. <i>pendens</i> | 1 |
| <i>Acacia pruinocarpa</i> | 1 |
| <i>Acacia synchronicia</i> | 1 |
| <i>Atalaya hemiglauca</i> | N |
| <i>Cenchrus ciliaris</i> | 4 |
| <i>Corymbia hamersleyana</i> | N |
| <i>Hakea lorea</i> subsp. <i>lorea</i> | N |

938.00 Brockman Site R21

Described MH Date 12/09/200 Type: Quadrat 50 x 50 m

MGA Zone 50 730907 mE 7502660 mN

Habitat Flat plain/Floodplain negligible slope

Soil Red-orange sandy clay surface crust

Rock Type Nil

Vegetation *Acacia citrinoviridis* open low woodland, over isolated low trees of *Corymbia hamersleyana*, over *Acacia citrinoviridis* sparse tall shrubland, over *Acacia synchronicia* sparse mid shrubland over *Cenchrus ciliaris* closed tussock grassland, over isolated clumps of *Eulalia aurea* and *Chrysopogon fallax* tussock grasses.

Veg Condition Poor - weeds and low biodiversity

Fire None evident

Notes Plentiful widespread leaf litter and moderate wood litter.

Species List:

| Name | Cover |
|--|-------|
| <i>Acacia ?pachycarpa</i> | 1 |
| <i>Acacia aneura</i> var. <i>aneura</i> | n |
| <i>Acacia inaequilatera</i> | n |
| <i>Acacia pruinocarpa</i> | n |
| <i>Acacia synchronicia</i> | 2 |
| <i>Atalaya hemiglauca</i> | n |
| <i>Cenchrus ciliaris</i> | 5 |
| <i>Cenchrus setiger</i> | 1 |
| <i>Chrysopogon fallax</i> | 2 |
| <i>Corchorus sidoides</i> subsp. <i>sidoides</i> | n |
| <i>Corymbia hamersleyana</i> | 1 |
| <i>Cullen leucanthum</i> | n |
| <i>Eragrostis xerophila</i> | 1 |
| <i>Eragrostis xerophila</i> | 1 |
| <i>Eulalia aurea</i> | 2 |
| <i>Hakea lorea</i> subsp. <i>lorea</i> | n |
| <i>Rhagodia eremaea</i> | n |
| <i>Vachellia farnesiana</i> | n |

938.00 Brockman **Site** B22
Described CW **Date** 12/09/200 **Type:** Quadrat 50 x 50 m
MGA Zone 50 728836 **mE** 7503277 **mN**
Habitat Flat/Plain of negligible slope
Soil Red-orange loose sandy clay Soil
Rock Type
Vegetation *Acacia aneura* var. *intermedia* open low trees over *Acacia synchronicia* and *Acacia* aff. *aneura* (narrow fine veined) scattered to sparse tall shrubland over *Acacia synchronicia* sparse very low shrubland over **Cenchrus setiger* and **Cenchrus ciliaris* open tussock grassland.
Veg Condition Poor - *Cenchrus* and Cattle
Fire None evident
Notes Sparse leaf litter mainly under shrubs and sparse wood litter

Species List:

| Name | Cover |
|---|--------------|
| <i>Abutilon lepidum</i> | 1 |
| <i>Acacia</i> aff. <i>aneura</i> (narrow fine veined; site 1259) | 2 |
| <i>Acacia ancistrocarpa</i> | 1 |
| <i>Acacia aneura</i> var. <i>intermedia</i> | 3 |
| <i>Acacia aneura</i> var. <i>intermedia</i> | 1 |
| <i>Acacia pruinocarpa</i> | 1 |
| <i>Acacia synchronicia</i> | 2 |
| <i>Aristida inaequiglumis</i> | 1 |
| <i>Cenchrus ciliaris</i> | 3 |
| <i>Cenchrus setiger</i> | 3 |
| <i>Corchorus sidoides</i> subsp. <i>sidoides</i> | 1 |
| <i>Enchylaena tomentosa</i> var. <i>tomentosa</i> | 1 |
| <i>Enneapogon polyphyllus</i> | 1 |
| <i>Eremophila latrobei</i> subsp. <i>filiformis</i> | n |
| <i>Eulalia aurea</i> | 1 |
| <i>Evolvulus alsinoides</i> var. <i>villosicalyx</i> | 1 |
| <i>Maireana planifolia</i> | 1 |
| <i>Psydrax latifolia</i> | n |
| <i>Ptilotus exaltatus</i> | n |
| <i>Ptilotus obovatus</i> var. <i>obovatus</i> | 1 |
| <i>Sclerolaena cornishiana</i> | 1 |
| <i>Senna artemisioides</i> subsp. <i>oligophylla</i> x <i>helmsii</i> | n |
| <i>Solanum lasiophyllum</i> | 1 |
| <i>Triodia epactia</i> | 1 |

938.00 Brockman Site B23

Described PWJ Date 15/09/200 Type:

MGA Zone 50 728065 mE 7503607 mN

Habitat Flat plain/Floodplain negligible slope

Soil Red-orange clay loam surface crust

Rock Type Nil

Vegetation *Corymbia hamersleyana* sparse mid woodland over *Acacia inaequilatera* scattered low woodland over *Acacia inaequilatera* scattered tall shrubland over *Abutilon otocarpum* and *Corchorus sidoides* subsp. *sidoides* scattered very low shrubland over **Cenchrus ciliaris* and *Digitaria* sparse tussock grassland.

Veg Condition Poor - weeds

Fire Moderate

Notes Sparse leaf litter and moderate wood litter

Species List:

| Name | Cover |
|---|-------|
| <i>Abutilon otocarpum</i> | 1 |
| <i>Acacia dictyophleba</i> | 1 |
| <i>Acacia inaequilatera</i> | 1 |
| <i>Aristida contorta</i> | 1 |
| <i>Boerhavia repleta</i> | 1 |
| <i>Cenchrus ciliaris</i> | 1 |
| <i>Cleome viscosa</i> | 1 |
| <i>Corchorus sidoides</i> subsp. <i>sidoides</i> | 1 |
| <i>Corymbia hamersleyana</i> | 2 |
| <i>Cucumis maderaspatanus</i> | 1 |
| <i>Cullen leucochaetes</i> | 1 |
| <i>Dysphania rhadinostachya</i> | 1 |
| <i>Eulalia aurea</i> | 1 |
| <i>Gomphrena cunninghamii</i> | 1 |
| <i>Hakea lorea</i> subsp. <i>lorea</i> | 1 |
| <i>Phyllanthus erwinii</i> | 1 |
| <i>Portulaca oleracea</i> | 1 |
| <i>Ptilotus exaltatus</i> | 1 |
| <i>Ptilotus helipteroides</i> var. <i>helipteroides</i> | 1 |
| <i>Ptilotus obovatus</i> var. <i>obovatus</i> | 1 |
| <i>Rhynchosia minima</i> | 1 |
| <i>Senna notabilis</i> | 1 |
| <i>Solanum lasiophyllum</i> | 1 |
| <i>Tribulus macrocarpus</i> | 1 |
| <i>Trichodesma zeylanicum</i> | 1 |

938.00 Brockman Site R23

Described CW Date 15/09/200 Type: Quadrat 50 x 50 m

MGA Zone 50 729543 mE 7501504 mN

Habitat Flat plain with negligible slope at foot slopes (Hamersley's)

Soil Red-orange sand to sandy clay with fine gravel and loose Soil at the surface layer

Rock Type nil

Vegetation *Hakea lorea* subsp. *lorea* open low woodland, over *Acacia pachyacra* open tall shrubland, over *Acacia ancistrocarpa* sparse mid-shrubland, over *Eragrostis eriopoda* sparse tussock grassland, over *Triodia basedowii* hummock grassland.

Veg Condition Excellent- noted that the site is close to the Roy Hill Rd

Fire nil

Notes Negligible wood litter and sparse leaf litter distributed mainly under shrubs and *Triodia* hummocks.

Species List:

| Name | Cover |
|--|-------|
| <i>Acacia ancistrocarpa</i> | 2 |
| <i>Acacia dictyophleba</i> | 1 |
| <i>Acacia inaequilatera</i> | 2 |
| <i>Acacia pachyacra</i> | 3 |
| <i>Acacia synchronicia</i> | n |
| <i>Bonamia rosea</i> | 2 |
| <i>Corchorus sidoides</i> subsp. <i>sidoides</i> | 2 |
| <i>Dicrastylis cordifolia</i> | n |
| <i>Eragrostis eriopoda</i> | 2 |
| <i>Grevillea wickhamii</i> | n |
| <i>Hakea lorea</i> subsp. <i>lorea</i> | 1 |
| <i>Hakea lorea</i> subsp. <i>lorea</i> | 2 |
| <i>Indigofera monophylla</i> | 1 |
| <i>Ptilotus astrolasius</i> | 1 |
| <i>Senna artemisioides</i> subsp. <i>oligophylla</i> | 1 |
| <i>Streptoglossa macrocephala</i> | 1 |
| <i>Triodia basedowii</i> | 4 |

938.00 Brockman Site B24

Described PWJ Date 15/09/200 Type:

MGA Zone 50 730798 mE 7500650 mN

Habitat Flat plain/Floodplain negligible slope

Soil Red-orange clay loam surface crust

Rock Type Nil

Vegetation Isolated low trees of *Acacia aneura* var. *aneura*, over isolated high shrubs of *Acacia inaequilatera* and *Acacia synchronicia*, over scattered low shrubs of *Eremophila lanceolata*, over **Cenchrus ciliaris* and **Cenchrus setiger* open tussock grassland.

Veg Condition Poor - weeds

Fire Old

Notes Sparse leaf and wood litter

Species List:

| Name | Cover |
|--|-------|
| <i>Acacia ?victoriae</i> | 2 |
| <i>Acacia aneura</i> var. <i>aneura</i> | 2 |
| <i>Acacia citrinoviridis</i> | 1 |
| <i>Acacia citrinoviridis</i> | 1 |
| <i>Acacia inaequilatera</i> | 1 |
| <i>Acacia synchronicia</i> | 1 |
| <i>Cenchrus ciliaris</i> | 3 |
| <i>Cenchrus setiger</i> | 3 |
| <i>Corchorus sidoides</i> subsp. <i>sidoides</i> | 1 |
| <i>Eremophila lanceolata</i> | 1 |
| <i>Ptilotus exaltatus</i> | 1 |
| <i>Rhagodia eremaea</i> | 1 |
| <i>Senna artemisioides</i> subsp. <i>oligophylla</i> | 1 |

938.00 Brockman Site B25

Described CW Date 15/09/200 Type: Quadrat 50 x 50 m

MGA Zone 50 732230 mE 7500574 mN

Habitat Flat plain with negligible slope at foothills (Hamersleys)

Soil Red-orange sandy clay with surface crust and loose Soil at the surface layer

Rock Type nil

Vegetation Isolated low trees of *Corymbia hamersleyana* and *Acacia pruinocarpa*, over *Acacia pruinocarpa* and *Acacia synchronicia* open tall shrubland, over **Cenchrus ciliaris* and **Cenchrus setiger* tussock grassland.

Veg Condition Poor with *Cenchrus* and grazing noted

Fire nil

Notes Negligible wood litter and negligible leaf litter

Species List:

| Name | Cover |
|--|-------|
| <i>Acacia pruinocarpa</i> | 2 |
| <i>Acacia sclerosperma</i> | n |
| <i>Acacia synchronicia</i> | 3 |
| <i>Cenchrus ciliaris</i> | 4 |
| <i>Cenchrus setiger</i> | 2 |
| <i>Corymbia hamersleyana</i> | 1 |
| <i>Eragrostis eriopoda</i> | 1 |
| <i>Hakea lorea</i> subsp. <i>lorea</i> | 1 |
| <i>Rhagodia eremaea</i> | 1 |

938.00 Brockman Site B26

Described CW Date 13/09/200 Type: Quadrat 50 x 50 m

MGA Zone 50 736436 mE 7495448 mN

Habitat Flat plain with negligible slope

Soil Red-orange sand to sandy clay with loose Soil at the surface layer

Rock Type nil

Vegetation *Acacia aneura* var. ?*microcarpa* and *Acacia inaequilatera* open tall shrubland, over *Rhagodia eremaea* sparse low shrubland, over **Cenchrus ciliaris* and **Cenchrus setiger* tussock grassland.

Veg Condition Poor with *Cenchrus* sp noted

Fire Old

Notes Sparse wood litter with plentiful widely distributed leaf litter

Species List:

| Name | Cover |
|--|-------|
| <i>Acacia aneura</i> var ? <i>microcarpa</i> | 2 |
| <i>Acacia aneura</i> var. <i>intermedia</i> | 2 |
| <i>Acacia citrinoviridis</i> | 1 |
| <i>Acacia inaequilatera</i> | 3 |
| <i>Acacia pruinocarpa</i> | 1 |
| <i>Cenchrus ciliaris</i> | 4 |
| <i>Cenchrus setiger</i> | 3 |
| <i>Hakea lorea</i> subsp. <i>lorea</i> | 1 |
| <i>Rhagodia eremaea</i> | 2 |

938.00 Brockman Site B27

Described PWJ Date 11/09/200 Type:

MGA Zone 50 734723 mE 7501124 mN

Habitat Flat plain/floodplain negligible slope

Soil red orange clay loam surface crust

Rock Type Ferrous

Vegetation *Acacia aneura* var. ?*aneura* sparse low woodland, over *Acacia synchronicia* sparse tall shrubland, over **Cenchrus ciliaris* tussock grassland.

Veg Condition Good -grazing

Fire Old

Notes

Species List:

| Name | Cover |
|--|-------|
| <i>Acacia aneura</i> var. ? <i>aneura</i> | 3 |
| <i>Acacia citrinoviridis</i> | 1 |
| <i>Acacia pruinocarpa</i> | N |
| <i>Acacia synchronicia</i> | 1 |
| <i>Aristida latifolia</i> | 1 |
| <i>Cenchrus ciliaris</i> | 4 |
| <i>Chrysopogon fallax</i> | 2 |
| <i>Cleome viscosa</i> | N |
| <i>Corchorus sidoides</i> subsp. <i>sidoides</i> | 1 |
| <i>Enneapogon polyphyllus</i> | 1 |
| <i>Eragrostis eriopoda</i> | 1 |
| <i>Eulalia aurea</i> | 1 |
| <i>Pterocaulon sphaeranthoides</i> | 1 |
| <i>Ptilotus macrocephalus</i> | 1 |
| <i>Rhynchosia minima</i> | N |
| <i>Sclerolaena cornishiana</i> | 1 |
| <i>Senna notabilis</i> | 1 |
| <i>Vachellia farnesiana</i> | N |

938.00 Brockman Site B28

Described CW Date 11/09/200 Type: Quadrat 50 x 50 m

MGA Zone 50 736948 mE 7502119 mN

Habitat Flat plain with negligible slope

Soil Red-orange sandy clay with fine gravel and loose Soil at the surface layer

Rock Type ferrous

Vegetation *Acacia pruinocarpa* and *Acacia aneura* var. *aneura* low woodland, over *Acacia aneura* var. *aneura* open mid shrubland, over *Senna artemisioides* subsp. *oligophylla* and *Sclerolaena cornishiana* sparse low shrubland, over **Cenchrus ciliaris* open tussock grassland.

Veg Condition Poor with *Cenchrus* sp and heavy grazing noted

Fire nil

Notes Sparse wood litter and sparse leaf litter distributed mainly under shrubs

Species List:

| Name | Cover |
|---|-------|
| <i>Acacia aneura</i> var. <i>aneura</i> | 3 |
| <i>Acacia pruinocarpa</i> | 3 |
| <i>Acacia synchronicia</i> | 2 |
| <i>Aristida contorta</i> | n |
| <i>Cenchrus ciliaris</i> | 3 |
| <i>Chrysopogon fallax</i> | 1 |
| <i>Corymbia ? hamersleyana</i> | n |
| <i>Enneapogon polyphyllus</i> | 2 |
| <i>Eremophila lanceolata</i> | 1 |
| <i>Evolvulus alsinoides</i> var. <i>villosicalyx</i> | n |
| <i>Hakea lorea</i> subsp. <i>lorea</i> | 1 |
| <i>Ipomoea muelleri</i> | n |
| <i>Sclerolaena cornishiana</i> | 2 |
| <i>Senna artemisioides</i> subsp. <i>oligophylla</i> | 2 |
| <i>Senna artemisioides</i> subsp. <i>oligophylla</i> x <i>helmsii</i> | 1 |
| <i>Sida echinocarpa</i> | 2 |
| <i>Solanum lasiophyllum</i> | 1 |

938.00 Brockman Site B29

Described PWJ Date 19/11/200 Type:

MGA Zone 50 736022 mE 7500939 mN

Habitat Flat plain/Floodplain negligible slope

Soil Red-orange clay loam surface crust

Rock Type Nil

Vegetation *Acacia aneura* var. *aneura* sparse low woodland, over *Acacia aneura* var. *aneura* and *Acacia synchronicia* sparse tall shrubland, over scattered low shrubs of *Senna artemisioides* subsp. *oligophylla* x *helmsii*, over **Cenchrus ciliaris* open tussock grassland.

Veg Condition Good

Fire Old

Notes Sparse leaf and wood litter.

Species List:

| Name | Cover |
|---|-------|
| <i>Acacia aneura</i> var. <i>aneura</i> | 3 |
| <i>Acacia pruinocarpa</i> | N |
| <i>Acacia synchronicia</i> | 1 |
| <i>Aristida contorta</i> | 1 |
| <i>Aristida contorta</i> | 1 |
| <i>Chloris pectinata</i> | 1 |
| <i>Chrysopogon fallax</i> | 1 |
| <i>Cleome viscosa</i> | 1 |
| <i>Corchorus sidoides</i> | 1 |
| <i>Cucumis maderaspatanus</i> | N |
| <i>Enneapogon polyphyllus</i> | 1 |
| <i>Eragrostis xerophila</i> | 1 |
| <i>Eulalia aurea</i> | 1 |
| <i>Hakea lorea</i> subsp. <i>lorea</i> | 1 |
| <i>Hibiscus sturtii</i> var. <i>campylochlamys</i> | 1 |
| <i>Ipomoea muelleri</i> | 1 |
| <i>Ptilotus obovatus</i> var. <i>obovatus</i> | 1 |
| <i>Rhynchosia minima</i> | 1 |
| <i>Sclerolaena cornishiana</i> | 1 |
| <i>Senna artemisioides</i> subsp. <i>oligophylla</i> x <i>helmsii</i> | 2 |
| <i>Sporobolus australasicus</i> | 1 |

938.00 Brockman Site B30

Described PWJ Date 11/09/200 Type:

MGA Zone 50 733927 mE 7500428 mN

Habitat Flat plain/ Floodplain negligible slope

Soil Red-orange clay loam surface crust

Rock Type Nil

Vegetation Isolated low trees of *Acacia aneura* var. ?*aneura*, over isolated tall shrubs of *Acacia inaequilatera*, over *Acacia synchronicia* sparse mid shrubland, over **Cenchrus ciliaris* tussock grassland.

Veg Condition Poor - weeds widespread and grazing

Fire

Notes Sparse leaf litter nil wood litter

Species List:

| Name | Cover |
|---|-------|
| <i>Acacia aneura</i> var. ? <i>aneura</i> | 2 |
| <i>Acacia citrinoviridis</i> | 1 |
| <i>Acacia inaequilatera</i> | 1 |
| <i>Acacia pruinocarpa</i> | N |
| <i>Acacia synchronicia</i> | 1 |
| <i>Amyema hilliana</i> | N |
| <i>Cenchrus ciliaris</i> | 4 |
| <i>Hakea lorea</i> subsp. <i>lorea</i> | 1 |

938.00 Brockman Site B31

Described MH Date Type: Quadrat 50 x 50 m

MGA Zone 50 737599 mE 7496274 mN

Habitat Flat plain/Floodplain/Minor channel negligible slope

Soil Red-orange sandy clay surface crust

Rock Type Nil

Vegetation *Acacia aneura* var. *aneura* and *Corymbia hamersleyana* mid woodland, over *Acacia aneura* var. *aneura* open tall shrubland, over **Cenchrus ciliaris* and **Cenchrus setiger* tussock grassland.

Veg Condition Good to poor - grazing and weeds

Fire None evident

Notes Floodplain with minor channel

Species List:

| Name | Cover |
|---|-------|
| <i>Acacia aneura</i> var. <i>aneura</i> | 2 |
| <i>Acacia citrinoviridis</i> | n |
| <i>Acacia pruinocarpa</i> | n |
| <i>Acacia sclerosperma</i> subsp. <i>sclerosperma</i> | 1 |
| <i>Atalaya hemiglauca</i> | 1 |
| <i>Cenchrus ciliaris</i> | 4 |
| <i>Cenchrus setiger</i> | 4 |
| <i>Corymbia hamersleyana</i> | 1 |
| <i>Eucalyptus victrix</i> | n |
| <i>Hakea lorea</i> subsp. <i>lorea</i> | 1 |

938.00 Brockman Site B32

Described MH Date 11/09/200 Type: Quadrat 50 x 50 m

MGA Zone 50 737897 mE 7496570 mN

Habitat Flat plain Floodplain negligible slope

Soil Red-orange sandy clay surface crust

Rock Type Nil

Vegetation *Corymbia hamersleyana* and *Acacia pruinocarpa* sparse mid woodland, over isolated tall shrubs of *Hakea lorea* subsp. *lorea* and *Acacia inaequilatera*, over *Rhagodia eremaea* sparse low shrubland, over **Cenchrus ciliaris* and *Chrysopogon fallax* closed tussock grassland.

Veg Condition Good to Poor - Grazing and weeds

Fire None evident

Notes Sparse widespread leaf litter and sparse wood litter.

Species List:

| Name | Cover |
|---|-------|
| <i>Abutilon lepidum</i> | n |
| <i>Acacia ?trudgeniana</i> | n |
| <i>Acacia ancistrocarpa</i> | n |
| <i>Acacia aneura</i> var. ? <i>macrocarpa</i> | 1 |
| <i>Acacia inaequilatera</i> | 1 |
| <i>Acacia pruinocarpa</i> | 1 |
| <i>Acacia sclerosperma</i> subsp. <i>sclerosperma</i> | 1 |
| <i>Acacia synchronicia</i> | 1 |
| <i>Cenchrus ciliaris</i> | 3 |
| <i>Cenchrus setiger</i> | 1 |
| <i>Chrysopogon fallax</i> | 3 |
| <i>Corymbia hamersleyana</i> | 2 |
| <i>Eragrostis xerophila</i> | n |
| <i>Eulalia aurea</i> | 2 |
| <i>Gossypium australe</i> | n |
| <i>Hakea lorea</i> subsp. <i>lorea</i> | 1 |
| <i>Malvastrum americanum</i> | n |
| <i>Rhagodia eremaea</i> | n |
| <i>Rhagodia eremaea</i> | 2 |
| <i>Rhynchosia minima</i> | n |
| <i>Sclerolaena cornishiana</i> | 1 |

938.00 Brockman Site B33

Described MH Date 14/09/200 Type: Quadrat 50 x 50 m

MGA Zone 50 737039 mE 7496940 mN

Habitat Flat Plain/Floodplain negligible slope - areas of open clay pan/floodplain

Soil Red-orange sandy clay surface crust

Rock Type Nil

Vegetation *Acacia aneura* var. *aneura*, *Acacia pruinocarpa* and *Acacia citrinoviridis* open low woodland, over *Acacia sclerosperma* and *Acacia inaequilatera* sparse tall shrubland, over **Cenchrus ciliaris* and **Cenchrus setiger* closed tussock grassland.

Veg Condition Poor grazing and weeds

Fire None evident

Notes Moderate to sparse leaf litter widespread and negligible wood litter.

Species List:

| Name | Cover |
|---|-------|
| <i>Acacia aneura</i> var. <i>aneura</i> | 2 |
| <i>Acacia citrinoviridis</i> | 1 |
| <i>Acacia dictyophleba</i> | n |
| <i>Acacia inaequilatera</i> | 2 |
| <i>Acacia pruinocarpa</i> | n |
| <i>Acacia sclerosperma</i> subsp. <i>sclerosperma</i> | 2 |
| <i>Acacia synchronicia</i> | 2 |
| <i>Cenchrus ciliaris</i> | 4 |
| <i>Cenchrus setiger</i> | 3 |
| <i>Enneapogon polyphyllus</i> | 2 |
| <i>Eremophila longifolia</i> | n |
| <i>Eulalia aurea</i> | 1 |
| <i>Hakea lorea</i> subsp. <i>lorea</i> | n |
| <i>Hakea lorea</i> subsp. <i>lorea</i> | n |
| <i>Malvastrum americanum</i> | n |
| <i>Rhynchosia minima</i> | 1 |
| <i>Sclerolaena cornishiana</i> | 1 |
| <i>Senna artemisioides</i> subsp. <i>oligophylla</i> | n |
| <i>Sida fibulifera</i> | n |

938.00 Brockman Site B34

Described MH Date 15/09/200 Type: Quadrat 50 x 50 m

MGA Zone 50 734638 mE 7498014 mN

Habitat Floodplain negligible slope - minor sand dunes/undulating plain

Soil Red-orange sandy clay with surface crust and loose Soil

Rock Type Nil

Vegetation Isolated clumps of *Corymbia hamersleyana* mallee trees, over *Acacia citrinoviridis* open tall shrubland, over *Acacia synchronicia* and *Acacia citrinoviridis* open mid shrubland, over *Sclerolaena cornishiana* sparse low shrubland, over **Cenchrus ciliaris* closed tussock grassland.

Veg Condition Poor - grazing and weeds

Fire None evident

Notes Sparse widespread leaf litter and sparse wood litter.

Note: *Hakea chordophylla* was only found at base of the hill, *Hakea lorea* was everywhere.

Species List:

| Name | Cover |
|---|-------|
| <i>Acacia aneura</i> var. <i>aneura</i> | n |
| <i>Acacia citrinoviridis</i> | 2 |
| <i>Acacia dictyophleba</i> | n |
| <i>Acacia pruinocarpa</i> | 1 |
| <i>Acacia synchronicia</i> | 3 |
| <i>Amyema hilliana</i> | 1 |
| <i>Cenchrus ciliaris</i> | 4 |
| <i>Chrysopogon fallax</i> | 1 |
| <i>Corymbia hamersleyana</i> | 1 |
| <i>Eragrostis eriopoda</i> | n |
| <i>Hakea lorea</i> subsp. <i>lorea</i> | n |
| <i>Sclerolaena cornishiana</i> | 2 |
| <i>Sida fibulifera</i> | n |

938.00 Brockman Site B35

Described MH Date 15/09/200 Type: Quadrat 50 x 50 m

MGA Zone 50 734172 mE 7499082 mN

Habitat Flat Plain negligible slope

Soil Red-orange sandy clay surface crust

Rock Type Nil

Vegetation *Acacia aneura* var. *aneura* open forest, over **Cenchrus setiger* and **Cenchrus ciliaris* closed tussock grassland.

Veg Condition Poor - tracks, grazing and weeds

Fire None evident

Notes *Malvastrum americanum* WP121 Cover =2 and Wp122 Cover =1

Species List:

| Name | Cover |
|--|-------|
| <i>Acacia aneura</i> var. <i>aneura</i> | 2 |
| <i>Acacia aneura</i> var. <i>aneura</i> | 4 |
| <i>Acacia citrinoviridis</i> | n |
| <i>Acacia citrinoviridis</i> | n |
| <i>Acacia synchronicia</i> | n |
| <i>Cenchrus ciliaris</i> | 4 |
| <i>Cenchrus setiger</i> | 3 |
| <i>Centipeda minima</i> subsp. <i>macrocephala</i> | n |
| <i>Chloris pectinata</i> | n |
| <i>Chrysopogon fallax</i> | 1 |
| <i>Duperreya commixta</i> | n |
| <i>Eragrostis xerophila</i> | 1 |
| <i>Gossypium australe</i> | 1 |
| <i>Ipomoea muelleri</i> | 1 |
| <i>Malvastrum americanum</i> | 1 |
| <i>Ptilotus gomphrenoides</i> | 1 |
| <i>Senna artemisioides</i> subsp. <i>helmsii</i> | n |
| <i>Senna artemisioides</i> subsp. <i>oligophylla</i> | n |

938.00 Brockman Site B36

Described MH Date 15/09/200 Type: Quadrat 50 x 50 m

MGA Zone 50 735456 mE 7496041 mN

Habitat Floodplain negligible slope

Soil Red-orange sandy clay surface crust and loose Soil.

Rock Type Nil

Vegetation Isolated low trees of *Hakea lorea* subsp. *lorea*, over *Corymbia hamersleyana* open low mallee woodland, over *Acacia synchronicia* and *Acacia inaequilatera* sparse tall shrubland, over **Cenchrus ciliaris* and **Cenchrus setiger* tussock grassland.

Veg Condition Poor - grazing and weeds

Fire Non evident

Notes This are the sand dunes in the south-east corner. The veg does not change from the floodplain veg. More like an undulating plain than sand dune.

Species List:

| Name | Cover |
|--|-------|
| <i>Acacia dictyophleba</i> | n |
| <i>Acacia inaequilatera</i> | 2 |
| <i>Acacia synchronicia</i> | 2 |
| <i>Atalaya hemiglauca</i> | 1 |
| <i>Capparis spinosa</i> | n |
| <i>Cenchrus ciliaris</i> | 4 |
| <i>Cenchrus setiger</i> | 4 |
| <i>Corymbia hamersleyana</i> | 2 |
| <i>Cullen leucochaites</i> | n |
| <i>Hakea lorea</i> subsp. <i>lorea</i> | 1 |
| <i>Rhagodia eremaea</i> | n |

938.00 Brockman Site B37

Described MH Date 13/09/200 Type: Quadrat 20 x 120

MGA Zone 50 735965 mE 7493452 mN

Habitat Flat plain/Footslope/Minor channel negligible slope

Soil Red-orange sandy clay Soil

Rock Type Ferrous - creek rocks (basalt?)

Vegetation Isolated low trees of *Corymbia hamersleyana*, over *Acacia tumida* var. *pilbarensis*, *Grevillea wickhamii* and *Acacia pyrifolia* var. *morrisonii* tall shrubland, over *Tephrosia rosea* var. *glabrior* open low shrubland, over **Cenchrus ciliaris*, *Themeda triandra* and *Paraneurachne muelleri* open tussock grassland, over *Triodia epactia* sparse hummock grassland.

Veg Condition Excellent - weeds

Fire None evident

Notes Plentiful widespread leaf litter and sparse wood litter.

Species List:

| Name | Cover |
|---|-------|
| <i>Acacia inaequilatera</i> | n |
| <i>Acacia pyrifolia</i> var. <i>morrisonii</i> | 2 |
| <i>Acacia tumida</i> var. <i>pilbarensis</i> | 4 |
| <i>Aristida contorta</i> | 1 |
| <i>Aristida holathera</i> var. <i>holathera</i> | 1 |
| <i>Bonamia rosea</i> | n |
| <i>Cenchrus ciliaris</i> | 2 |
| <i>Cleome viscosa</i> | n |
| <i>Corchorus incanus</i> subsp. <i>lithophilus</i> | n |
| <i>Corchorus sidoides</i> subsp. <i>sidoides</i> | n |
| <i>Corymbia hamersleyana</i> | 1 |
| <i>Cullen leucochaites</i> | n |
| <i>Enneapogon robustissimus</i> | 1 |
| <i>Eragrostis eriopoda</i> | 1 |
| <i>Eriachne aristidea</i> | n |
| <i>Gossypium australe</i> | n |
| <i>Gossypium robinsonii</i> | n |
| <i>Grevillea wickhamii</i> | 2 |
| <i>Hibiscus sturtii</i> var. <i>platyklamys</i> | n |
| <i>Hybanthus aurantiacus</i> | 2 |
| <i>Indigofera monophylla</i> | 2 |
| <i>Paraneurachne muelleri</i> | 2 |
| <i>Petalostylis cassioides</i> | 2 |
| <i>Ptilotus astrolasius</i> var. <i>astrolasius</i> | n |
| <i>Ptilotus calostachyus</i> var. <i>calostachyus</i> | n |
| <i>Ptilotus helipteroides</i> var. <i>helipteroides</i> | n |
| <i>Scaevola parvifolia</i> subsp. <i>pilbarae</i> | n |
| <i>Senna artemisioides</i> subsp. <i>oligophylla</i> | n |
| <i>Sida pilbarensis</i> | n |
| <i>Tephrosia rosea</i> var. <i>glabrior</i> | 3 |
| <i>Themeda triandra</i> | 2 |
| <i>Trianthema pilosa</i> | n |
| <i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i> | n |
| <i>Triodia epactia</i> | 2 |
| <i>Waltheria indica</i> | n |

938.00 Brockman Site B38

Described CW Date 13/09/200 Type: Quadrat 50 x 50 m

MGA Zone 50 736183 mE 7494253 mN

Habitat Flat plain with negligible slope

Soil Red-orange sand to sandy clay with loose Soil at the surface layer

Rock Type nil

Vegetation *Corymbia hamersleyana* open woodland, over *Acacia inaequilatera* sparse tall shrubland, over isolated low shrubs of *Tephrosia rosea* subsp. *glabrior*, over **Cenchrus ciliaris* sparse tussock grassland, over *Triodia basedowii* hummock grassland.

Veg Condition Good with *Cenchrus* noted

Fire nil

Notes Negligible wood litter and moderate leaf litter distributed mainly under trees and shrubs

Species List:

| Name | Cover |
|--|-------|
| <i>Acacia dictyophleba</i> | 2 |
| <i>Acacia inaequilatera</i> | 3 |
| <i>Acacia synchronicia</i> | 1 |
| <i>Acacia tenuissima</i> | 1 |
| <i>Acacia trudgeniana</i> | n |
| <i>Cenchrus ciliaris</i> | 2 |
| <i>Cenchrus setiger</i> | 1 |
| <i>Corchorus sidoides</i> subsp. <i>sidoides</i> | 1 |
| <i>Corymbia hamersleyana</i> | 2 |
| <i>Cullen leucochaites</i> | 1 |
| <i>Eragrostis eriopoda</i> | 1 |
| <i>Hakea lorea</i> subsp. <i>lorea</i> | 1 |
| <i>Rhagodia eremaea</i> | 1 |
| <i>Tephrosia rosea</i> var. <i>glabrior</i> | 1 |
| <i>Triodia basedowii</i> | 3 |
| <i>Triodia basedowii</i> | 4 |
| <i>Triodia lanigera</i> | 4 |

938.00 Brockman Site R37

Described PWJ Date 11/09/200 Type:

MGA Zone 50 735013 mE 7502158 mN

Habitat Flat clay plain negligible slope

Soil Red-orange sandy clay surface crust

Rock Type Nil

Vegetation *Acacia aneura* var. *?microcarpa* open low woodland, over *Acacia aneura* var. *?microcarpa* open tall shrubland, over *Acacia synchronicia* sparse mid shrubland, over **Cenchrus ciliaris* open tussock grassland.

Veg Condition Poor - weeds and grazing

Fire None evident

Notes Sparse leaf and wood litter

Species List:

| Name | Cover |
|--|-------|
| <i>Abutilon lepidum</i> | 2 |
| <i>Acacia aneura</i> var. <i>?microcarpa</i> | 3 |
| <i>Acacia inaequilatera</i> | n |
| <i>Acacia pruinocarpa</i> | N |
| <i>Acacia synchronicia</i> | 2 |
| <i>Cenchrus ciliaris</i> | 3 |
| <i>Cenchrus setiger</i> | n |
| <i>Chrysopogon fallax</i> | 2 |
| <i>Cleome viscosa</i> | 1 |
| <i>Cucumis maderaspatanus</i> | 1 |
| <i>Dicladantha forrestii</i> | n |
| <i>Enchylaena tomentosa</i> var. <i>tomentosa</i> | n |
| <i>Eremophila lanceolata</i> | n |
| <i>Eulalia aurea</i> | 1 |
| <i>Evolvulus alsinoides</i> var. <i>villosicalyx</i> | n |
| <i>Malvastrum americanum</i> | 1 |
| <i>Psydrax latifolia</i> | n |
| <i>Pterocaulon sphaeranthoides</i> | n |
| <i>Pterocaulon sphaeranthoides</i> | 1 |
| <i>Ptilotus gomphrenoides</i> | 1 |
| <i>Ptilotus macrocephalus</i> | 1 |
| <i>Rhynchosia minima</i> | 1 |
| <i>Sclerolaena cornishiana</i> | 1 |
| <i>Vachellia farnesiana</i> | N |

938.00 Brockman

Site

B39

Described PWJ Date 13/09/200 Type: Quadrat

MGA Zone 50 735331 mE 7494950 mN

Habitat ? negligible slope

Soil Red-orange clay loam surface crust

Rock Type Nil

Vegetation Isolated low trees of *Acacia pruinocarpa*, over *Acacia synchronicia* and *Acacia pruinocarpa* sparse tall shrubland, over **Cenchrus ciliaris* and **Cenchrus setiger* open tussock grassland.

Veg Condition Poor - grazing

Fire Old

Notes Sparse leaf and wood litter.
understorey dominated by *Cenchrus* spp.

Species List:

| Name | Cover |
|---|-------|
| <i>Acacia citrinoviridis</i> | 1 |
| <i>Acacia inaequilatera</i> | 1 |
| <i>Acacia inaequilatera</i> | 1 |
| <i>Acacia pruinocarpa</i> | 1 |
| <i>Acacia sclerosperma</i> subsp. <i>sclerosperma</i> | N |
| <i>Acacia synchronicia</i> | 1 |
| <i>Atalaya hemiglauca</i> | 1 |
| <i>Cenchrus ciliaris</i> | 3 |
| <i>Cenchrus setiger</i> | 3 |
| <i>Corymbia hamersleyana</i> | 1 |
| <i>Hakea lorea</i> subsp. <i>lorea</i> | 1 |
| <i>Triodia epactia</i> | 1 |

938.00 Brockman Site B40

Described RH Date 13/09/200 Type: Quadrat 50 x 50 m

MGA Zone 50 734806 mE 7495048 mN

Habitat Flat/Plain Footslope negligible slope

Soil Red-orange sandy clay 80%surface crust 20%loose Soil

Rock Type Nil

Vegetation *Eucalyptus gamophylla* open low mallee woodland, over *Petalostylis cassioides* and *Acacia ancistrocarpa* open mid shrubland, over *Dicrastylis cordifolia* sparse low shrubland, over *Aristida holathera* var. *holathera* sparse tussock grassland, over *Triodia basedowii* hummock grassland.

Veg Condition Excellent

Fire None evident

Notes Sparse leaf litter mainly under shrubs moderate amount of wood litter.

Species List:

| Name | Cover |
|---|-------|
| <i>Acacia ancistrocarpa</i> | 2 |
| <i>Acacia aneura</i> var. <i>intermedia</i> | n |
| <i>Aristida holathera</i> var. <i>holathera</i> | 2 |
| <i>Dicrastylis cordifolia</i> | 2 |
| <i>Eragrostis eriopoda</i> | 1 |
| <i>Eucalyptus gamophylla</i> | 2 |
| <i>Petalostylis cassioides</i> | 3 |
| <i>Solanum phlomoides</i> | n |
| <i>Triodia basedowii</i> | 1 |
| <i>Triodia basedowii</i> | 4 |

938.00 Brockman Site B41

Described PWJ Date 13/09/200 Type: Quadrat 50 x 50 m

MGA Zone 50 735133 mE 7494482 mN

Habitat Floodplain negligible slope

Soil Red-orange clay loam surface crust

Rock Type Nil

Vegetation Isolated mid trees of *Corymbia hamersleyana*, over isolated low trees of *Acacia inaequilatera*, over *Eragrostis eriopoda* and *Eriachne aristidea* sparse tussock grassland, over isolated clumps of *Triodia basedowii* hummock grasses.

Veg Condition Good

Fire Not stated

Notes Sparse leaf and wood litter

Species List:

| Name | Cover |
|---|-------|
| <i>Acacia dictyophleba</i> | 1 |
| <i>Acacia sclerosperma</i> subsp. <i>sclerosperma</i> | 1 |
| <i>Cenchrus ciliaris</i> | 2 |
| <i>Cleome viscosa</i> | 1 |
| <i>Corchorus sidoides</i> subsp. <i>sidoides</i> | 1 |
| <i>Corymbia hamersleyana</i> | 1 |
| <i>Eragrostis eriopoda</i> | 2 |
| <i>Eriachne aristidea</i> | 1 |
| <i>Eriachne pulchella</i> subsp. <i>pulchella</i> | 1 |
| <i>Goodenia microptera</i> | 1 |
| <i>Gossypium australe</i> | 1 |
| <i>Grevillea wickhamii</i> | 1 |
| <i>Hibiscus sturtii</i> var. <i>campylochlamys</i> | 1 |
| <i>Ptilotus astrolasius</i> var. <i>astrolasius</i> | 1 |
| <i>Ptilotus exaltatus</i> | 1 |
| <i>Ptilotus helipteroides</i> | 1 |
| <i>Ptilotus polystachyus</i> var. <i>polystachyus</i> | 1 |
| <i>Rhyncharhena linearis</i> | 1 |
| <i>Senna notabilis</i> | 1 |
| <i>Sida cardiophylla</i> | 1 |
| <i>Solanum lasiophyllum</i> | 1 |
| <i>Tephrosia rosea</i> var. <i>glabrior</i> | 1 |
| <i>Trianthema pilosa</i> | 1 |
| <i>Triodia basedowii</i> | 1 |

938.00 Brockman Site B42

Described PWJ Date 13/09/200 Type:

MGA Zone 50 733754 mE 7495797 mN

Habitat Floodplain negligible slope

Soil Red-orange clay loam surface crust

Rock Type Nil

Vegetation Isolated low trees of *Corymbia hamersleyana* and *Hakea chordophylla*, over isolated tall shrubs of *Acacia inaequilatera*, over *Triodia basedowii* open hummock grassland.

Veg Condition Excellent

Fire Old

Notes Sparse leaf and Wood litter

Species List:

| Name | Cover |
|---|-------|
| <i>Acacia ancistrocarpa</i> | 1 |
| <i>Acacia dictyophleba</i> | 1 |
| <i>Acacia inaequilatera</i> | 1 |
| <i>Acacia trudgeniana</i> | 1 |
| <i>Aristida holathera</i> var. <i>holathera</i> | 1 |
| <i>Aristida</i> sp. | 1 |
| <i>Bonamia rosea</i> | 1 |
| <i>Cleome viscosa</i> | 1 |
| <i>Corchorus sidoides</i> subsp. <i>sidoides</i> | 1 |
| <i>Corymbia hamersleyana</i> | 1 |
| <i>Cucumis maderaspatanus</i> | 1 |
| <i>Eragrostis eriopoda</i> | 1 |
| <i>Eriachne aristidea</i> | 1 |
| <i>Gomphrena cunninghamii</i> | 1 |
| <i>Hakea chordophylla</i> | N |
| <i>Hibiscus sturtii</i> var. <i>platyklamys</i> | 1 |
| <i>Indigofera monophylla</i> | 1 |
| <i>Ptilotus astrolasius</i> var. <i>astrolasius</i> | 1 |
| <i>Ptilotus exaltatus</i> | 1 |
| <i>Ptilotus polystachyus</i> var. <i>polystachyus</i> | 1 |
| <i>Senna artemisioides</i> subsp. <i>oligophylla</i> | 1 |
| <i>Senna notabilis</i> | 1 |
| <i>Sida cardiophylla</i> | 2 |
| <i>Triodia basedowii</i> | 4 |

938.00 Brockman Site R41

Described CW Date 11/09/200 Type: Quadrat 50 x 50 m

MGA Zone 50 737481 mE 7501609 mN

Habitat Flat plain with negligible slope

Soil Red-orange sandy clay with surface crust and loose Soil at the surface layer

Rock Type nil

Vegetation *Acacia aneura* var. *aneura* open low woodland, over *Abutilon lepidum* sparse low shrubland, over *Enteropogon ramosus* sparse tussock grassland.

Veg Condition Poor with a lot of cattle, *Malvastrum americanum* and heavy grazing noted

Fire Old

Notes Negligible wood litter and sparse leaf litter distributed mainly under shrubs.

Species List:

| Name | Cover |
|--|-------|
| <i>Abutilon lepidum</i> | 2 |
| <i>Acacia aneura</i> var. <i>aneura</i> | 3 |
| <i>Aristida inaequiglumis</i> | 1 |
| <i>Chloris virgata</i> | 1 |
| <i>Chrysopogon fallax</i> | 1 |
| <i>Cleome viscosa</i> | n |
| <i>Enteropogon ramosus</i> | 2 |
| <i>Evolvulus alsinoides</i> var. <i>villosicalyx</i> | n |
| <i>Malvastrum americanum</i> | 1 |
| <i>Nicotiana occidentalis</i> | 1 |
| <i>Portulaca oleracea</i> | n |
| <i>Pterocaulon sphaeranthoides</i> | n |
| <i>Pterocaulon sphaeranthoides</i> | 1 |
| <i>Ptilotus gomphrenoides</i> | 1 |
| <i>Sporobolus australasicus</i> | 1 |

938.00 Brockman Site B43

Described MH Date 13/09/200 Type: Quadrat 50 x 50 m

MGA Zone 50 732991 mE 7496640 mN

Habitat Flat plain/Footslope negligible slope

Soil Red orange sandy clay surface crust (80%) and Loose Soil (20%)

Rock Type Nil

Vegetation Isolated low trees of *Hakea lorea* subsp. *lorea*, over isolated high shrubs of *Acacia pachyacra*, over *Petalostylis cassioides* open mid shrubland, over *Eragrostis eriopoda* sparse tussock grassland over *Triodia basedowii* hummock grassland.

Veg Condition Excellent - tracks

Fire Non evident

Notes Sparse leaf and wood litter

Species List:

| Name | Cover |
|--|-------|
| <i>Acacia ancistrocarpa</i> | 1 |
| <i>Acacia inaequilatera</i> | n |
| <i>Acacia pachyacra</i> | 1 |
| <i>Aristida holathera</i> var. <i>holathera</i> | 1 |
| <i>Bonamia rosea</i> | 1 |
| <i>Cenchrus ciliaris</i> | n |
| <i>Corchorus sidoides</i> subsp. <i>sidoides</i> | 1 |
| <i>Cullen leucochaites</i> | n |
| <i>Dicrastylis cordifolia</i> | n |
| <i>Eragrostis eriopoda</i> | 2 |
| <i>Goodenia microptera</i> | n |
| <i>Hakea lorea</i> subsp. <i>lorea</i> | 1 |
| <i>Heliotropium pachyphyllum</i> | n |
| <i>Indigofera monophylla</i> | n |
| <i>Petalostylis cassioides</i> | 3 |
| <i>Ptilotus astrolasius</i> var. <i>astrolasius</i> | n |
| <i>Sida cardiophylla</i> | 1 |
| <i>Tephrosia</i> sp. Bungaroo Creek (M.E. Trudgen 11601) | n |
| <i>Triodia basedowii</i> | 4 |

938.00 Brockman Site B44

Described CW Date 14/09/200 Type: Quadrat 50 x 50 m

MGA Zone 50 730868 mE 7498927 mN

Habitat Flat plain with negligible slope at base of foothills

Soil Red-orange sand to sandy clay with loose Soil at the surface layer

Rock Type nil

Vegetation *Eucalyptus gamophylla* mallee woodland, over *Acacia inaequilatera* and *Acacia trudgeniana* sparse mid shrubland, over *Acacia dictyophleba* sparse low shrubland, over **Cenchrus ciliaris* sparse tussock grassland, over *Triodia basedowii* hummock grassland.

Veg Condition Good

Fire nil

Notes Negligible wood litter and sparse leaf litter distributed mainly under shrubs.

Species List:

| Name | Cover |
|---|-------|
| <i>Acacia dictyophleba</i> | 2 |
| <i>Acacia inaequilatera</i> | 2 |
| <i>Acacia pachyacra</i> | 2 |
| <i>Acacia spondylophylla</i> | 1 |
| <i>Acacia trudgeniana</i> | 2 |
| <i>Acacia tumida</i> var. <i>pilbarensis</i> | 2 |
| <i>Aristida holathera</i> var. <i>holathera</i> | 1 |
| <i>Bonamia rosea</i> | 1 |
| <i>Cenchrus ciliaris</i> | 4 |
| <i>Eragrostis eriopoda</i> | 1 |
| <i>Eucalyptus gamophylla</i> | 3 |
| <i>Gossypium australe</i> | 1 |
| <i>Gossypium robinsonii</i> | 1 |
| <i>Hybanthus aurantiacus</i> | n |
| <i>Mollugo molluginea</i> | n |
| <i>Ptilotus obovatus</i> var. <i>obovatus</i> | 1 |
| <i>Senna artemisioides</i> subsp. <i>oligophylla</i> x <i>helmsii</i> | 1 |
| <i>Sida cardiophylla</i> | 1 |
| <i>Solanum lasiophyllum</i> | 1 |
| <i>Triodia basedowii</i> | 4 |

938.00 Brockman Site R44

Described CW Date 11/09/200 Type: Quadrat 50 x 50 m

MGA Zone 50 736203 mE 7499152 mN

Habitat Flat plain with negligible slope

Soil Red-orange sandy clay with surface crust and loose Soil at the surface layer

Rock Type nil

Vegetation *Acacia pruinocarpa* and *Acacia* aff. *aneura* (narrow fine veined) open low woodland, over *Acacia* aff. *aneura* (narrow fine veined) sparse mid shrubland, over *Sclerolaena cornishiana* sparse low shrubland, over **Cenchrus ciliaris* open tussock grassland.

Veg Condition Poor with *Cenchrus* sp noted

Fire nil

Notes Negligible wood litter and sparse leaf litter distributed mainly under shrubs
WP taken from middle of plot- flagging still up from Ph1

Species List:

| Name | Cover |
|--|-------|
| <i>Abutilon lepidum</i> | n |
| <i>Abutilon lepidum</i> | n |
| <i>Acacia</i> aff. <i>aneura</i> (narrow fine veined; site 1259) | 2 |
| <i>Acacia inaequilatera</i> | n |
| <i>Acacia pruinocarpa</i> | 3 |
| <i>Acacia sclerosperma</i> | 1 |
| <i>Acacia synchronicia</i> | 1 |
| <i>Acacia tetragonophylla</i> | n |
| <i>Aristida contorta</i> | n |
| <i>Cenchrus ciliaris</i> | 3 |
| <i>Chrysopogon fallax</i> | n |
| <i>Enneapogon polyphyllus</i> | 1 |
| <i>Eragrostis ?xerophila</i> | 1 |
| <i>Eulalia aurea</i> | n |
| <i>Rhagodia eremaea</i> | 1 |
| <i>Rhagodia eremaea</i> | 1 |
| <i>Sclerolaena cornishiana</i> | 2 |
| <i>Sida fibulifera</i> | n |

938.00 Brockman Site B45

Described MH Date 14/09/200 Type: Quadrat 50 x 50 m

MGA Zone 50 732224 mE 7498565 mN

Habitat Flat plain/Floodplain about 400m away from major creekline - negligible slope

Soil Red-orange sandy clay surface crust

Rock Type Nil

Vegetation *Corymbia hamersleyana* sparse mid woodland, over *Acacia dictyophleba*, *Acacia inaequilatera* and *Acacia synchronicia* open tall shrubland, over *Eremophila lanceolata* and *Ptilotus obovatus* sparse low shrubland, over **Cenchrus ciliaris* tussock grassland, over isolated clumps of *Triodia basedowii* hummock grasses.

Veg Condition Poor - grazing and weeds

Fire None evident

Notes Moderate widespread leaf litter and sparse wood litter.

This site is near *Triodia* line.

Floodplains commonly have *Acacia synchronicia*, *Hakea lorea* subsp. *lorea*, *Acacia sclerosperma* subsp. *sclerosperma*, *Atalaya hemiglauca*, *Eremophila longifolia* and *Acacia dictyophleba*.

Species List:

| Name | Cover |
|---|-------|
| <i>Acacia aneura</i> var. <i>aneura</i> | 1 |
| <i>Acacia dictyophleba</i> | 3 |
| <i>Acacia inaequilatera</i> | 2 |
| <i>Acacia pachyacra</i> | 1 |
| <i>Acacia sclerosperma</i> subsp. <i>sclerosperma</i> | 1 |
| <i>Acacia synchronicia</i> | 3 |
| <i>Atalaya hemiglauca</i> | 2 |
| <i>Cenchrus ciliaris</i> | 4 |
| <i>Cenchrus setiger</i> | 2 |
| <i>Chrysopogon fallax</i> | 1 |
| <i>Corymbia hamersleyana</i> | 2 |
| <i>Eremophila lanceolata</i> | 2 |
| <i>Eremophila longifolia</i> | 1 |
| <i>Eulalia aurea</i> | 1 |
| <i>Hakea lorea</i> subsp. <i>lorea</i> | 1 |
| <i>Ptilotus obovatus</i> var. <i>obovatus</i> | 2 |
| <i>Rhagodia eremaea</i> | n |
| <i>Sclerolaena cornishiana</i> | n |
| <i>Triodia basedowii</i> | 1 |

938.00 Brockman Site B46

Described PWJ Date 13/09/200 Type:

MGA Zone 50 730901 mE 7497729 mN

Habitat Flat plain negligible slope

Soil Red-orange clay loam surface crust

Rock Type Ferrous

Vegetation Isolated low trees of *Hakea lorea* subsp. *lorea*, over isoalted high shrubs of *Grevillea wickhamii*, over isolated mid shrubs of *Acacia ancistrocarpa* and *Ptilotus obovatus* subsp. *obovatus*, over isolated clumps of *Aristida holathera* var. *holathera* tussock grasses, over *Triodia basedowii* open hummock grassland.

Veg Condition Excellent

Fire Old

Notes

Species List:

| Name | Cover |
|--|-------|
| <i>Acacia ancistrocarpa</i> | 1 |
| <i>Acacia inaequilatera</i> | N |
| <i>Acacia synchronicia</i> | N |
| <i>Aristida holathera</i> var. <i>holathera</i> | 1 |
| <i>Cleome viscosa</i> | N |
| <i>Corchorus sidoides</i> subsp. <i>sidoides</i> | 1 |
| <i>Cullen leucochaites</i> | 1 |
| <i>Dicrastylis cordifolia</i> | 1 |
| <i>Eragrostis eriopoda</i> | 1 |
| <i>Gossypium australe</i> | 1 |
| <i>Grevillea wickhamii</i> | 1 |
| <i>Hakea lorea</i> subsp. <i>lorea</i> | 1 |
| <i>Heliotropium pachyphyllum</i> | 1 |
| <i>Mollugo molluginea</i> | 1 |
| <i>Ptilotus astrolasius</i> var. <i>astrolasius</i> | 1 |
| <i>Ptilotus exaltatus</i> | 1 |
| <i>Ptilotus helipteroides</i> var. <i>helipteroides</i> | 1 |
| <i>Ptilotus obovatus</i> var. <i>obovatus</i> | 1 |
| <i>Senna artemisioides</i> subsp. <i>oligophylla</i> | 1 |
| <i>Senna glutinosa</i> subsp. <i>x luerssenii</i> | 1 |
| <i>Sida arenicola</i> | 1 |
| <i>Tephrosia</i> sp. Bungaroo Creek (M.E. Trudgen 11601) | 1 |
| <i>Triodia basedowii</i> | 4 |

938.00 Brockman Site B47

Described PWJ Date 13/09/200 Type: Quadrat

MGA Zone 50 731626 mE 7498002 mN

Habitat NOT GIVEN

Soil NOT GIVEN

Rock Type NOT GIVEN

Vegetation *Hakea chordophylla* scattered low woodland over *Hakea chordophylla*, *Acacia inaequilatera* and *Acacia pachyacra* scattered tall shrubland over *Acacia sclerosperma* subsp. *sclerosperma* scattered mid shrubland over *Sida cardiophylla* scattered low shrubland over *Cenchrus ciliaris*, *Aristida* curly (NC) and *Eragrostis eriopoda* scattered tussock grassland over *Triodia basedowii* open hummock grassland.

Veg Condition NOT GIVEN

Fire NOT GIVEN

Notes

Species List:

| Name | Cover |
|---|-------|
| <i>Acacia ancistrocarpa</i> | 1 |
| <i>Acacia inaequilatera</i> | 1 |
| <i>Acacia pachyacra</i> | 2 |
| <i>Acacia sclerosperma</i> subsp. <i>sclerosperma</i> | 1 |
| <i>Atalaya hemiglauca</i> | 1 |
| <i>Cenchrus ciliaris</i> | 1 |
| <i>Chrysopogon fallax</i> | 1 |
| <i>Corchorus sidoides</i> subsp. <i>sidoides</i> | 1 |
| <i>Corchorus sidoides</i> subsp. <i>sidoides</i> | 1 |
| <i>Eragrostis eriopoda</i> | 1 |
| <i>Gossypium australe</i> | 1 |
| <i>Grevillea wickhamii</i> | 1 |
| <i>Hakea chordophylla</i> | 1 |
| <i>Hibiscus sturtii</i> var. <i>campylochlamys</i> | 1 |
| <i>Ptilotus astrolasius</i> var. <i>astrolasius</i> | 1 |
| <i>Ptilotus obovatus</i> var. <i>obovatus</i> | 1 |
| <i>Senna artemisioides</i> subsp. <i>oligophylla</i> | 1 |
| <i>Sida cardiophylla</i> | 1 |
| <i>Solanum lasiophyllum</i> | 1 |
| <i>Triodia basedowii</i> | 3 |

938.00 Brockman Site B48

Described CW Date 13/09/200 Type: Quadrat 50 x 50 m

MGA Zone 50 730022 mE 7498562 mN

Habitat Flat plain at footslopes of hills with negligible slope, adjacent to minor drainage channel

Soil Red-orange sandy clay with coarse gravel/pebbles and stones/boulders at the surface layer

Rock Type many ferrous

Vegetation *Hakea chordophylla* and *Grevillea wickhamii* sparse tall shrubland, over *Aristida holathera* var. *holathera* sparse tussock grassland, over *Triodia basedowii* and *Triodia epactia* open hummock grassland.

Veg Condition

Fire

Notes Negligible wood litter and moderate leaf litter distributed mainly under shrubs.

Species List:

| Name | Cover |
|---|-------|
| <i>Acacia bivenosa</i> | 1 |
| <i>Acacia citrinoviridis</i> | 1 |
| <i>Acacia pruinocarpa</i> | 1 |
| <i>Aristida holathera</i> var. <i>holathera</i> | 2 |
| <i>Gossypium australe</i> | 1 |
| <i>Grevillea wickhamii</i> | 3 |
| <i>Hakea chordophylla</i> | 2 |
| <i>Heliotropium pachyphyllum</i> | n |
| <i>Hybanthus aurantiacus</i> | 1 |
| <i>Indigofera monophylla</i> | n |
| <i>Mollugo molluginea</i> | n |
| <i>Ptilotus calostachyus</i> var. <i>calostachyus</i> | 1 |
| <i>Ptilotus exaltatus</i> | 1 |
| <i>Ptilotus helipteroides</i> var. <i>helipteroides</i> | 1 |
| <i>Senna artemisioides</i> subsp. <i>oligophylla</i> | n |
| <i>Senna glutinosa</i> subsp. <i>pruinosa</i> | 1 |
| <i>Senna glutinosa</i> subsp. <i>x luerksenii</i> | 1 |
| <i>Sida cardiophylla</i> | 1 |
| <i>Solanum lasiophyllum</i> | n |
| <i>Tribulus suberosus</i> | 1 |
| <i>Triodia basedowii</i> | 2 |
| <i>Triodia epactia</i> | 3 |
| <i>Triodia schinzii</i> | 1 |

938.00 Brockman Site B49

Described CW Date 13/09/200 Type: Quadrat 50 x 50 m

MGA Zone mE mN

Habitat Flat plain at foot slopes in minor drainage channel

Soil

Rock Type

Vegetation *Grevillea wickhamii* and *Acacia tumida* var. *pilbarensis* open tall shrubland, over *Acacia pachyacra* sparse mid shrubland, over *Corchorus sidoides* subsp. *sidoides* open low shrubland, over *Aristida holathera* var. *holathera* and *Paraneurachne muelleri* open tussock grassland, over open *Triodia epactia* open hummock grassland.

Veg Condition

Fire

Notes (site sheet incomplete)

Species List:

| Name | Cover |
|---|-------|
| <i>Acacia bivenosa</i> | 2 |
| <i>Acacia dictyophleba</i> | 1 |
| <i>Acacia inaequilatera</i> | 1 |
| <i>Acacia pachyacra</i> | 2 |
| <i>Acacia pruinocarpa</i> | 1 |
| <i>Acacia pyrifolia</i> var. <i>morrisonii</i> | 1 |
| <i>Acacia spondylophylla</i> | 2 |
| <i>Acacia tumida</i> var. <i>pilbarensis</i> | 3 |
| <i>Aristida holathera</i> var. <i>holathera</i> | 3 |
| <i>Bonamia rosea</i> | 1 |
| <i>Cenchrus ciliaris</i> | 2 |
| <i>Cleome viscosa</i> | 1 |
| <i>Corchorus sidoides</i> subsp. <i>sidoides</i> | 3 |
| <i>Corchorus sidoides</i> subsp. <i>sidoides</i> | 1 |
| <i>Cullen leucochaites</i> | 1 |
| <i>Cymbopogon ambiguus</i> | 1 |
| <i>Dicrastylis cordifolia</i> | 1 |
| <i>Eragrostis eriopoda</i> | 1 |
| <i>Goodenia microptera</i> | n |
| <i>Goodenia stobbsiana</i> | 1 |
| <i>Gossypium australe</i> | 2 |
| <i>Gossypium robinsonii</i> | 1 |
| <i>Grevillea wickhamii</i> | 3 |
| <i>Hakea lorea</i> subsp. <i>lorea</i> | 1 |
| <i>Heliotropium pachyphyllum</i> | 1 |
| <i>Hibiscus sturtii</i> var. <i>campylochlamys</i> | 1 |
| <i>Hibiscus sturtii</i> var. <i>platychlamys</i> | 1 |
| <i>Hybanthus aurantiacus</i> | 1 |
| <i>Indigofera monophylla</i> | 1 |
| <i>Mollugo molluginea</i> | 1 |
| <i>Paraneurachne muelleri</i> | 2 |
| <i>Polycarpaea longiflora</i> | n |
| <i>Polymeria ambigua</i> | 1 |
| <i>Ptilotus astrolasius</i> | 2 |
| <i>Ptilotus exaltatus</i> | 2 |
| <i>Ptilotus helipteroides</i> var. <i>helipteroides</i> | 1 |
| <i>Ptilotus obovatus</i> var. <i>obovatus</i> | 1 |
| <i>Senna artemisioides</i> subsp. <i>oligophylla</i> | 1 |
| <i>Senna artemisioides</i> subsp. <i>oligophylla</i> x <i>helmsii</i> | 1 |
| <i>Solanum lasiophyllum</i> | 2 |
| <i>Tephrosia arenicola</i> | n |
| <i>Tephrosia rosea</i> var. <i>glabrior</i> | 1 |
| <i>Trianthema pilosa</i> | n |
| <i>Triodia epactia</i> | 3 |

938.00 Brockman Site B50

Described MH Date 14/09/200 Type: Quadrat 50 x 50 m

MGA Zone 50 728896 mE 7499695 mN

Habitat Foothlope undulating plain with very gentle to negligible slope

Soil Red-orange sandy clay with patches of surface crust and loose Soil amid continuous stones boulders

Rock Type many ferrous

Vegetation *Acacia pachyacra* and *Grevillea wickhamii* open tall shrubland, over *Acacia pachyacra* and *Scaevola spinescens* open low shrubland, over *Aristida holathera* var. *holathera* open tussock grassland, over *Triodia basedowii* hummock grassland.

Veg Condition Excellent

Fire nil

Notes Sparse wood litter and moderate widespread leaf litter

Species List:

| Name | Cover |
|---|-------|
| <i>Acacia dictyophleba</i> | n |
| <i>Acacia inaequilatera</i> | 2 |
| <i>Acacia pachyacra</i> | 3 |
| <i>Acacia pyrifolia</i> | n |
| <i>Acacia sericophylla</i> | n |
| <i>Aristida holathera</i> var. <i>holathera</i> | 3 |
| <i>Aristida inaequiglumis</i> | n |
| <i>Bonamia rosea</i> | n |
| <i>Cenchrus ciliaris</i> | n |
| <i>Corchorus sidoides</i> subsp. <i>sidoides</i> | 2 |
| <i>Cullen leucochaites</i> | n |
| <i>Dysphania rhadinostachya</i> subsp. <i>inflata</i> | n |
| <i>Eragrostis eriopoda</i> | 2 |
| <i>Eragrostis eriopoda</i> | 2 |
| <i>Gossypium australe</i> | 2 |
| <i>Grevillea wickhamii</i> | 3 |
| <i>Hakea chordophylla</i> | 1 |
| <i>Haloragis gossei</i> var. <i>gossei</i> | n |
| <i>Hybanthus aurantiacus</i> | 1 |
| <i>Iseilema eremaeum</i> | n |
| <i>Mollugo molluginea</i> | 1 |
| <i>Paraneurachne muelleri</i> | 1 |
| <i>Ptilotus astrolasius</i> var. <i>astrolasius</i> | 2 |
| <i>Ptilotus helipteroides</i> | 1 |
| <i>Ptilotus helipteroides</i> var. <i>helipteroides</i> | 1 |
| <i>Ptilotus obovatus</i> var. <i>obovatus</i> | n |
| <i>Ptilotus polystachyus</i> | n |
| <i>Scaevola spinescens</i> | 2 |
| <i>Senna artemisioides</i> subsp. <i>helmsii</i> | n |
| <i>Senna artemisioides</i> subsp. <i>oligophylla</i> | 2 |
| <i>Senna glutinosa</i> subsp. <i>x luerssenii</i> | n |
| <i>Sida cardiophylla</i> | n |
| <i>Solanum lasiophyllum</i> | n |
| <i>Streptoglossa decurrens</i> | n |
| <i>Triodia basedowii</i> | 4 |

938.00 Brockman Site R49

Described CW Date 13/09/200 Type: Quadrat 50 x 50 m

MGA Zone 50 736211 mE 7494937 mN

Habitat Dry and wide river bed with gentle slope

Soil Red-orange sandy clay with loose Soil and many river stones at the surface layer

Rock Type many ferrous

Vegetation Isolated low shrubs of *Acacia citrinoviridis*, over isolated clumps of **Cenchrus ciliaris* and *Cenchrus setiger* tussock grasses.

Veg Condition Good with *Cenchrus* sp. noted

Fire nil

Notes negligible leaf litter and negligible wood litter

No *Aerva javanica* or *Enneapogon polyphyllus* noted in this site, this phase of the survey

Species List:

| Name | Cover |
|--|-------|
| <i>Acacia pachycarpa</i> | n |
| <i>Aristida contorta</i> | n |
| <i>Boerhavia coccinea</i> | 1 |
| <i>Cenchrus ciliaris</i> | 1 |
| <i>Cenchrus setiger</i> | 1 |
| <i>Cleome viscosa</i> | 1 |
| <i>Corchorus crozophorifolius</i> | n |
| <i>Cucumis maderaspatanus</i> | n |
| <i>Dysphania rhadinostachya</i> subsp. <i>rhadinostachya</i> | n |
| <i>Euphorbia australis</i> | 2 |
| <i>Euphorbia biconvexa</i> | n |
| <i>Gomphrena cunninghamii</i> | n |
| <i>Polycarpaea longiflora</i> | 1 |
| <i>Ptilotus exaltatus</i> | n |
| <i>Salsola australis</i> | n |
| <i>Sida arenicola</i> | n |

938.00 Brockman Site B51

Described PWJ Date 14/09/200 Type: Quadrat

MGA Zone 50 727874 mE 7500189 mN

Habitat Flat plain negligible slope

Soil Red-orange loam surface crust

Rock Type Ferrous

Vegetation Isolated tall shrubs of *Grevillea wickhamii* and *Hakea chordophylla*, over isolated mid shrubs of *Senna artemisioides* subsp. *oligophylla*, over isolated clumps of *Aristida holathera* var. *holathera* and *Chrysopogon fallax* scattered tussock grasses, over *Triodia basedowii* open hummock grassland.

Veg Condition Excellent

Fire Moderate

Notes Sparse leaf and wood litter.

Species List:

| Name | Cover |
|--|-------|
| <i>Aristida holathera</i> var. <i>holathera</i> | 1 |
| <i>Cleome viscosa</i> | 1 |
| <i>Corchorus sidoides</i> subsp. <i>sidoides</i> | 1 |
| <i>Cullen leucochaites</i> | 1 |
| <i>Cymbopogon ambiguus</i> | 1 |
| <i>Eragrostis eriopoda</i> | 1 |
| <i>Eriachne aristidea</i> | 1 |
| <i>Euphorbia australis</i> | 1 |
| <i>Gomphrena cunninghamii</i> | 1 |
| <i>Goodenia microptera</i> | 1 |
| <i>Grevillea wickhamii</i> | 1 |
| <i>Hakea chordophylla</i> | 1 |
| <i>Heliotropium pachyphyllum</i> | 1 |
| <i>Hibiscus sturtii</i> var. <i>campylochlamys</i> | 1 |
| <i>Mollugo molluginea</i> | 1 |
| <i>Mollugo molluginea</i> | 1 |
| <i>Paraneurachne muelleri</i> | 1 |
| <i>Ptilotus astrolasius</i> var. <i>astrolasius</i> | 1 |
| <i>Ptilotus calostachyus</i> var. <i>calostachyus</i> | 1 |
| <i>Ptilotus exaltatus</i> | 2 |
| <i>Ptilotus helipteroides</i> var. <i>helipteroides</i> | 2 |
| <i>Ptilotus helipteroides</i> var. <i>helipteroides</i> | 1 |
| <i>Ptilotus polystachyus</i> var. <i>polystachyus</i> | 1 |
| <i>Senna artemisioides</i> subsp. <i>oligophylla</i> | 1 |
| <i>Sida cardiophylla</i> | 1 |
| <i>Solanum phlomoides</i> | 1 |
| <i>Tephrosia</i> sp. Bungaroo Creek (M.E. Trudgen 11601) | 1 |
| <i>Triodia basedowii</i> | 3 |

938.00 Brockman Site B52

Described PWJ Date 14/09/200 Type: Quadrat

MGA Zone 50 728369 mE 7500588 mN

Habitat Flat plain negligible slope

Soil Red-orange clay loam surface crust

Rock Type Not stated

Vegetation Isolated mid trees of *Corymbia hamersleyana*, over *Acacia inaequilatera* sparse tall shrubland, over isolated mid shrubs of *Scaevola spinescens*, over *Ptilotus obovatus* sparse low shrubland, over **Cenchrus ciliaris*, *Aristida contorta* and *Eragrostis eriopoda* open tussock grassland.

Veg Condition Good

Fire Moderate

Notes Sparse leaf and wood litter.

No *Triodia* and large % of ground Covered by *Cenchrus ciliaris*.

Species List:

| Name | Cover |
|---|-------|
| <i>Abutilon otocarpum</i> | 1 |
| <i>Acacia inaequilatera</i> | 2 |
| <i>Acacia sclerosperma</i> subsp. <i>sclerosperma</i> | 1 |
| <i>Aristida contorta</i> | 2 |
| <i>Bonamia rosea</i> | 1 |
| <i>Cenchrus ciliaris</i> | 2 |
| <i>Cleome viscosa</i> | 1 |
| <i>Corchorus sidoides</i> subsp. <i>sidoides</i> | 2 |
| <i>Corymbia hamersleyana</i> | 1 |
| <i>Dicrastylis cordifolia</i> | 1 |
| <i>Dysphania rhadinostachya</i> | 1 |
| <i>Eragrostis eriopoda</i> | 1 |
| <i>Gomphrena cunninghamii</i> | 1 |
| <i>Goodenia microptera</i> | 1 |
| <i>Hakea chordophylla</i> | N |
| <i>Heliotropium pachyphyllum</i> | 1 |
| <i>Hybanthus aurantiacus</i> | 1 |
| <i>Mollugo molluginea</i> | 1 |
| <i>Ptilotus astrolasius</i> var. <i>astrolasius</i> | 1 |
| <i>Ptilotus exaltatus</i> | 1 |
| <i>Ptilotus helipteroides</i> var. <i>helipteroides</i> | 1 |
| <i>Ptilotus obovatus</i> var. <i>obovatus</i> | 2 |
| <i>Scaevola spinescens</i> | 1 |
| <i>Senna artemisioides</i> subsp. <i>oligophylla</i> | 1 |
| <i>Senna notabilis</i> | 1 |
| <i>Solanum lasiophyllum</i> | 1 |
| <i>Solanum phlomoides</i> | 1 |
| <i>Tephrosia rosea</i> var. <i>glabrior</i> | 1 |

938.00 Brockman Site B53

Described PWJ Date 14/09/200 Type: Quadrat 50 x 50 m

MGA Zone 50 728000 mE 7501299 mN

Habitat Flat plain with negligible slope

Soil Red-orange clay loam surface crust

Rock Type Nil

Vegetation Isolated low trees of *Corymbia hamersleyana*, over *Hakea chordophylla* and *Acacia inaequilatera* sparse tall shrubland, over isolated mid shrubs of *Acacia sclerosperma* subsp. *sclerosperma* scattered low shrubland, over *Aristida contorta* and *Eragrostis eriopoda* open tussock grassland.

Veg Condition Excellent

Fire Old >5yrs

Notes Sparse leaf litter and wood litter

Species List:

| Name | Cover |
|--|-------|
| <i>Acacia ancistrocarpa</i> | 1 |
| <i>Acacia inaequilatera</i> | 2 |
| <i>Acacia sclerosperma</i> subsp. <i>sclerosperma</i> | 1 |
| <i>Acacia sericophylla</i> | 1 |
| <i>Aristida contorta</i> | 3 |
| <i>Bonamia rosea</i> | 1 |
| <i>Cenchrus ciliaris</i> | 1 |
| <i>Chrysopogon fallax</i> | 1 |
| <i>Cleome viscosa</i> | 1 |
| <i>Corchorus sidoides</i> subsp. <i>sidoides</i> | 1 |
| <i>Corymbia hamersleyana</i> | 1 |
| <i>Cullen leucochaetes</i> | 1 |
| <i>Eragrostis eriopoda</i> | 3 |
| <i>Gomphrena cunninghamii</i> | 1 |
| <i>Goodenia microptera</i> | 1 |
| <i>Gossypium australe</i> | 1 |
| <i>Hakea chordophylla</i> | 1 |
| <i>Indigofera monophylla</i> | 1 |
| <i>Paraneurachne muelleri</i> | 1 |
| <i>Ptilotus helipteroides</i> var. <i>helipteroides</i> | 1 |
| <i>Ptilotus polystachyus</i> var. <i>polystachyus</i> | 1 |
| <i>Scaevola parvifolia</i> subsp. <i>parvifolia</i> | 1 |
| <i>Senna notabilis</i> | 1 |
| <i>Solanum phlomoides</i> | 1 |
| <i>Tephrosia rosea</i> var. <i>glabrior</i> | 1 |
| <i>Tephrosia</i> sp. Bungaroo Creek (M.E. Trudgen 11601) | 1 |
| <i>Trichodesma zeylanicum</i> | 1 |
| <i>Triodia basedowii</i> | 1 |

938.00 Brockman Site B54

Described CW Date 14/09/200 Type: Quadrat 50 x 50 m

MGA Zone 50 727361 mE 7501731 mN

Habitat Flat plain with negligible slope at footslopes of hill

Soil Red-orange sand to sandy clay with fine gravel and loose Soil at the surface layer

Rock Type nil

Vegetation Isolated low trees of *Acacia inaequilatera*, over isolated mid shrubs of *Acacia ancistrocarpa*, over *Bonamia rosea* sparse low shrubland, over *Aristida holathera* var. *holathera* and *Eragrostis eriopoda* open tussock grassland, over *Triodia basedowii* open hummock grassland.

Veg Condition Excellent with minimal disturbance noted

Fire moderate

Notes negligible wood litter and sparse leaf litter distributed mainly under shrubs

Species List:

| Name | Cover |
|---|-------|
| <i>Acacia ancistrocarpa</i> | 1 |
| <i>Acacia inaequilatera</i> | 1 |
| <i>Acacia pachyacra</i> | 1 |
| <i>Aristida contorta</i> | 1 |
| <i>Aristida holathera</i> var. <i>holathera</i> | 3 |
| <i>Aristida inaequiglumis</i> | 2 |
| <i>Bonamia rosea</i> | 2 |
| <i>Cleome viscosa</i> | n |
| <i>Corchorus sidoides</i> subsp. <i>sidoides</i> | 1 |
| <i>Cullen leucochaites</i> | n |
| <i>Eragrostis eriopoda</i> | 3 |
| <i>Eriachne aristidea</i> | 1 |
| <i>Goodenia microptera</i> | n |
| <i>Gossypium australe</i> | 1 |
| <i>Gossypium robinsonii</i> | n |
| <i>Hakea chordophylla</i> | 1 |
| <i>Hybanthus aurantiacus</i> | 1 |
| <i>Paraneurachne muelleri</i> | n |
| <i>Ptilotus astrolasius</i> | 1 |
| <i>Ptilotus polystachyus</i> | 1 |
| <i>Scaevola parvifolia</i> subsp. <i>parvifolia</i> | 1 |
| <i>Scaevola parvifolia</i> subsp. <i>pilbarae</i> | n |
| <i>Senna notabilis</i> | n |
| <i>Trianthema pilosa</i> | 1 |
| <i>Triodia basedowii</i> | 3 |

938.00 Brockman Site B55

Described CW Date 14/09/200 Type: Quadrat 50 x 50 m

MGA Zone 50 726814 mE 7502060 mN

Habitat Flat plain drainage line/wide river bed with gentle slope at footslopes of hill

Soil Red-orange sandy clay with loose Soil and many river stones in a range of sizes at the surface layer

Rock Type many ferrous

Vegetation *Acacia tumida* var. *pilbarensis* open tall shrubland, over *Stylobasium spathulatum* sparse mid shrubland, over *Indigofera monophylla* and *Solanum phlomoides* open low shrubland, over *Themeda* sp. Mt Barricade and *Cenchrus ciliaris* sparse tussock grassland and *Triodia pungens* sparse hummock grassland.

Veg Condition Good with *Cenchrus* noted

Fire moderate

Notes Sparse wood litter with moderate leaf litter sparsely distributed mainly under shrubs

Species List:

| Name | Cover |
|---|-------|
| <i>Abutilon otocarpum</i> | 1 |
| <i>Acacia pyrifolia</i> var. <i>morrisonii</i> | 1 |
| <i>Acacia spondylophylla</i> | n |
| <i>Acacia tumida</i> var. <i>pilbarensis</i> | 3 |
| <i>Aristida contorta</i> | 1 |
| <i>Aristida holathera</i> var. <i>holathera</i> | 2 |
| <i>Aristida inaequiglumis</i> | 2 |
| <i>Boerhavia coccinea</i> | n |
| <i>Bonamia media</i> var. <i>villosa</i> | n |
| <i>Bonamia rosea</i> | 2 |
| <i>Cenchrus ciliaris</i> | 2 |
| <i>Cleome viscosa</i> | 1 |
| <i>Corchorus incanus</i> subsp. <i>lithophilus</i> | 1 |
| <i>Corchorus laniflorus</i> | 1 |
| <i>Cymbopogon ambiguus</i> | 1 |
| <i>Dicrastylis cordifolia</i> | 1 |
| <i>Duperreya commixta</i> | n |
| <i>Dysphania rhadinostachya</i> subsp. <i>inflata</i> | n |
| <i>Enneapogon polyphyllus</i> | 1 |
| <i>Eriachne aristidea</i> | 1 |
| <i>Eriachne pulchella</i> subsp. <i>dominii</i> | 1 |
| <i>Euphorbia australis</i> | 1 |
| <i>Euphorbia biconvexa</i> | 1 |
| <i>Euphorbia tannensis</i> subsp. <i>eremophila</i> (Panorama form) | 1 |
| <i>Evolvulus alsinoides</i> var. <i>villosicalyx</i> | 1 |
| <i>Gomphrena cunninghamii</i> | 1 |
| <i>Goodenia microptera</i> | 1 |
| <i>Gossypium robinsonii</i> | 1 |
| <i>Grevillea wickhamii</i> | 2 |
| <i>Heliotropium cunninghamii</i> | 1 |
| <i>Heliotropium pachyphyllum</i> | 1 |
| <i>Hibiscus coatesii</i> | 1 |
| <i>Hibiscus leptocladus</i> | 1 |
| <i>Hybanthus aurantiacus</i> | 1 |
| <i>Indigofera monophylla</i> | 3 |
| <i>Paraneurachne muelleri</i> | 1 |
| <i>Paspalidium basicladum</i> | 1 |
| <i>Phyllanthus erwinii</i> | 1 |
| <i>Polycarpaea longiflora</i> | 1 |
| <i>Ptilotus calostachyus</i> | 1 |
| <i>Ptilotus carinatus</i> | 1 |
| <i>Ptilotus exaltatus</i> | 2 |
| <i>Ptilotus polystachyus</i> | 2 |

| | |
|---|---|
| <i>Salsola tragus</i> subsp. <i>grandiflora</i> | 1 |
| <i>Scaevola parvifolia</i> subsp. <i>parvifolia</i> | 1 |
| <i>Senna notabilis</i> | n |
| <i>Sida cardiophylla</i> | 1 |
| <i>Solanum horridum</i> | 1 |
| <i>Solanum lasiophyllum</i> | 1 |
| <i>Solanum phlomoides</i> | 2 |
| <i>Streptoglossa decurrens</i> | n |
| <i>Striga squamigera</i> | 1 |
| <i>Stylobasium spathulatum</i> | 2 |
| <i>Tephrosia rosea</i> var. <i>glabrior</i> | 2 |
| <i>Tephrosia rosea</i> var. <i>glabrior</i> | 2 |
| <i>Tephrosia rosea</i> var. <i>glabrior</i> | 2 |
| <i>Themeda</i> sp. Mt Barricade (M.E. Trudgen 2471) | 2 |
| <i>Trachymene oleracea</i> subsp. <i>oleracea</i> | 2 |
| <i>Trichodesma zeylanicum</i> | 2 |
| <i>Triodia pungens</i> | 2 |
| <i>Triumfetta maconochieana</i> | 1 |
| <i>Waltheria indica</i> | 1 |
| <i>Waltheria indica</i> | 1 |

938.00 Brockman Site R70

Described MH Date 14/09/200 Type:

MGA Zone 50 727969 mE 7502067 mN

Habitat Flat plain

Soil Red-orange sandy clay, with loose Soil

Rock Type Ferrous

Vegetation *Acacia pachyacra* sparse tall shrubland, over isolated clumps of *Bonamia rosea* low shrubs, over *Triodia basedowii* hummock grassland. 1515+16 CW phase 1

Veg Condition Good

Fire None evident

Notes Negligible leaf litter and sparse wood litter

Species List:

| Name | Cover |
|--|-------|
| <i>Acacia dictyophleba</i> | n |
| <i>Acacia pachyacra</i> | 3 |
| <i>Aristida holathera</i> var. <i>holathera</i> | n |
| <i>Bonamia rosea</i> | 1 |
| <i>Corchorus sidoides</i> subsp. <i>sidoides</i> | 1 |
| <i>Cullen leucochaetes</i> | 1 |
| <i>Cymbopogon</i> sp. | n |
| <i>Dicrastylis cordifolia</i> | 1 |
| <i>Eragrostis eriopoda</i> | n |
| <i>Indigofera monophylla</i> | 1 |
| <i>Sida cardiophylla</i> | 1 |
| <i>Triodia basedowii</i> | 4 |

938.00 Brockman Site R73

Described MH Date 14/09/200 Type: Quadrat 50 x 50 m

MGA Zone 50 729322 mE 7500317 mN

Habitat Flat plain with negligible slope at the very base of the footslopes

Soil Red-orange sandy clay with patches of surface crust and loose Soil at the surface layer

Rock Type patches of continuous ferrous rock, other areas with (above)

Vegetation *Eucalyptus gamophylla* mallee woodland, over *Acacia inaequilatera* sparse tall shrubland, over *Acacia pachyacra* sparse mid shrubland, over *Senna artemisioides* subsp. *oligophylla* and *Acacia adsurgens* sparse low shrubland, over *Eragrostis eriopoda* and *Aristida holathera* var. *holathera* sparse tussock grassland, over *Triodia basedowii* hummock grassland.

Veg Condition Excellent

Fire nil

Notes Sparse wood litter and moderate widespread leaf litter
Eucalyptus mallee land

Species List:

| Name | Cover |
|---|-------|
| <i>Acacia adsurgens</i> | 2 |
| <i>Acacia ancistrocarpa</i> | 2 |
| <i>Acacia elachantha</i> | n |
| <i>Acacia inaequilatera</i> | 2 |
| <i>Acacia pachyacra</i> | 2 |
| <i>Acacia sclerosperma</i> subsp. <i>sclerosperma</i> | n |
| <i>Aristida holathera</i> var. <i>holathera</i> | 2 |
| <i>Aristida inaequiglumis</i> | 1 |
| <i>Corchorus sidoides</i> subsp. <i>sidoides</i> | n |
| <i>Dicrastylis cordifolia</i> | n |
| <i>Eragrostis eriopoda</i> | 2 |
| <i>Eucalyptus gamophylla</i> | 3 |
| <i>Goodenia microptera</i> | 2 |
| <i>Grevillea wickhamii</i> | 1 |
| <i>Hakea lorea</i> subsp. <i>lorea</i> | n |
| <i>Heliotropium ovalifolium</i> | n |
| <i>Hybanthus aurantiacus</i> | n |
| <i>Paraneurachne muelleri</i> | 1 |
| <i>Ptilotus astrolasius</i> var. <i>astrolasius</i> | n |
| <i>Ptilotus obovatus</i> var. <i>obovatus</i> | n |
| <i>Senna artemisioides</i> subsp. <i>oligophylla</i> | 2 |
| <i>Senna artemisioides</i> subsp. <i>oligophylla</i> x <i>helmsii</i> | 1 |
| <i>Sida arenicola</i> | n |
| <i>Sida cardiophylla</i> | n |
| <i>Solanum lasiophyllum</i> | n |
| <i>Triodia basedowii</i> | 4 |

938.00 Brockman Site R76

Described MH Date 13/09/200 Type: Quadrat 50 x 50 m

MGA Zone 50 737583 mE 7492257 mN

Habitat Floodplain about 50m from Creek bed negligible slope.

Soil Red-orange sandy clay surface crust

Rock Type Ferrous

Vegetation *Eucalyptus victrix* open woodland, over *Acacia citrinoviridis* woodland, over **Cenchrus ciliaris* tussock grassland.

Veg Condition Good - grazing and weeds

Fire None evident

Notes Plentiful widespread leaf litter and moderate wood litter.
Illustration of quadrat in reference to creek on site sheet.

Species List:

| Name | Cover |
|---|-------|
| <i>Acacia citrinoviridis</i> | 4 |
| <i>Acacia pruinoarpa</i> | n |
| <i>Aerva javanica</i> | n |
| <i>Atalaya hemiglauca</i> | 2 |
| <i>Cenchrus ciliaris</i> | 4 |
| <i>Cenchrus setiger</i> | 1 |
| <i>Cleome viscosa</i> | n |
| <i>Corchorus crozophorifolius</i> | n |
| <i>Enneapogon lindleyanus</i> | 1 |
| <i>Eremophila longifolia</i> | n |
| <i>Eriachne pulchella</i> subsp. <i>dominii</i> | n |
| <i>Eucalyptus victrix</i> | 2 |
| <i>Phyllanthus maderaspatensis</i> | n |

938.00 Brockman Site R78

Described CW Date 13/09/200 Type: Quadrat 50 x 50 m

MGA Zone mE mN

Habitat Flat plain with negligible slope at footslopes

Soil Red-orange sandy clay with loose Soil at the surface layer

Rock Type nil

Vegetation *Petalostylis cassioides* and *Acacia ancistrocarpa* open mid shrubland, over *Indigofera monophylla* sparse low shrubland, over *Aristida holathera* var. *holathera* sparse tussock grassland, over *Triodia basedowii* hummock grassland.

Veg Condition Excellent

Fire -

Notes Negligible wood litter and widespread, sparse leaf litter.

Species List:

| Name | Cover |
|--|-------|
| <i>Acacia ancistrocarpa</i> | 3 |
| <i>Acacia dictyophleba</i> | 1 |
| <i>Acacia inaequilatera</i> | 1 |
| <i>Acacia pachyacra</i> | 1 |
| <i>Acacia pruinocarpa</i> | 1 |
| <i>Aristida holathera</i> var. <i>holathera</i> | 2 |
| <i>Bonamia rosea</i> | 2 |
| <i>Corchorus sidoides</i> subsp. <i>sidoides</i> | 1 |
| <i>Dicrastylis cordifolia</i> | 1 |
| <i>Hakea chordophylla</i> | n |
| <i>Indigofera monophylla</i> | 2 |
| <i>Petalostylis cassioides</i> | 3 |
| <i>Ptilotus astrolasius</i> | 1 |
| <i>Scaevola parvifolia</i> | n |
| <i>Senna artemisioides</i> subsp. <i>oligophylla</i> | n |
| <i>Sida cardiophylla</i> | n |
| <i>Triodia basedowii</i> | 4 |
| <i>Triodia schinzii</i> | n |

938.00 Brockman Site R79

Described MH Date 13/09/200 Type: Quadrat 50 x 50 m

MGA Zone 50 731951 mE 7497335 mN

Habitat Footslope negligible slope

Soil Red-orange Sandy clay surface crust

Rock Type Ferrous

Vegetation Isolated low trees of *Hakea lorea* subsp. *lorea*, over *Eucalyptus gamophylla* open mallee woodland, over *Acacia pachyacra*, *Acacia ancistrocarpa* and *Acacia inaequilatera* open tall shrubland, over *Sida cardiophylla* and *Bonamia rosea* open low shrubland, over *Aristida holathera* var. *holathera* sparse tussock grassland over *Triodia basedowii* open hummock grassland.

Veg Condition Good

Fire None evident

Notes Sparse widespread leaf litter and sparse wood litter.

Species List:

| Name | Cover |
|---|-------|
| <i>Acacia adsurgens</i> | n |
| <i>Acacia ancistrocarpa</i> | 2 |
| <i>Acacia dictyophleba</i> | 1 |
| <i>Acacia hilliania</i> | n |
| <i>Acacia inaequilatera</i> | 2 |
| <i>Acacia ligulata</i> | n |
| <i>Acacia pachyacra</i> | 2 |
| <i>Acacia pruinocarpa</i> | n |
| <i>Acacia spondylophylla</i> | n |
| <i>Acacia tenuissima</i> | n |
| <i>Aristida holathera</i> var. <i>holathera</i> | 2 |
| <i>Aristida inaequiglumis</i> | n |
| <i>Bonamia rosea</i> | 3 |
| <i>Corchorus sidoides</i> subsp. <i>sidoides</i> | 1 |
| <i>Eucalyptus gamophylla</i> | 2 |
| <i>Grevillea wickhamii</i> subsp. <i>hispidula</i> | 1 |
| <i>Hakea lorea</i> subsp. <i>lorea</i> | 1 |
| <i>Hybanthus aurantiacus</i> | n |
| <i>Mollugo molluginea</i> | 1 |
| <i>Ptilotus astrolasius</i> var. <i>astrolasius</i> | n |
| <i>Ptilotus calostachyus</i> var. <i>calostachyus</i> | 1 |
| <i>Senna artemisioides</i> subsp. <i>helmsii</i> | n |
| <i>Senna artemisioides</i> subsp. <i>oligophylla</i> | 1 |
| <i>Senna glutinosa</i> subsp. <i>glutinosa</i> | n |
| <i>Senna glutinosa</i> subsp. <i>x luerssenii</i> | n |
| <i>Sida arenicola</i> | 2 |
| <i>Sida cardiophylla</i> | 2 |
| <i>Solanum lasiophyllum</i> | n |
| <i>Stylobasium spathulatum</i> | n |
| <i>Triodia basedowii</i> | 3 |

938.00 Brockman Phase 2 Opportunist Collection

| Species List: | Cover |
|---|-------|
| <i>Abutilon otocarpum</i> | n |
| <i>Acacia bivenosa</i> | n |
| <i>Acacia elachantha</i> | 1 |
| <i>Acacia trudgeniana</i> | n |
| <i>Argemone ochroleuca</i> subsp. <i>ochroleuca</i> | n |
| <i>Argemone ochroleuca</i> subsp. <i>ochroleuca</i> | n |
| <i>Atriplex</i> sp. | 2 |
| <i>Calocephalus</i> sp. Pilbara-Desert (M.E. Trudgen 11454) | 1 |
| <i>Calotis porphyroglossa</i> | 1 |
| <i>Capparis lasiantha</i> | n |
| <i>Cenchrus ciliaris</i> | 4 |
| <i>Cenchrus ciliaris</i> | 4 |
| <i>Cenchrus ciliaris</i> | 5 |
| <i>Centipeda minima</i> subsp. <i>macrocephala</i> | n |
| <i>Corymbia aspera</i> | n |
| <i>Cullen lachnostachys</i> | 1 |
| <i>Cullen leucanthum</i> | n |
| <i>Dichanthium sericeum</i> subsp. <i>humilius</i> | 1 |
| <i>Eragrostis xerophila</i> | n |
| <i>Euphorbia boophthona</i> | 1 |
| <i>Euphorbia tannensis</i> subsp. <i>eremophila</i> | n |
| <i>Euphorbia tannensis</i> subsp. <i>eremophila</i> | n |
| <i>Fimbristylis simulans</i> | 1 |
| <i>Goodenia lamprosperma</i> | n |
| <i>Goodenia microptera</i> | 1 |
| <i>Goodenia</i> sp. | 2 |
| <i>Haloragis gossei</i> var. <i>gossei</i> | 1 |
| <i>Haloragis gossei</i> var. <i>gossei</i> | 1 |
| <i>Heliotropium ovalifolium</i> | 1 |
| <i>Indigofera colutea</i> | n |
| <i>Indigofera linnaei</i> | n |
| <i>Ipomoea muelleri</i> | n |
| <i>Lepidium phlebopetalum</i> | n |
| <i>Malvastrum americanum</i> | 1 |
| <i>Malvastrum americanum</i> | 2 |
| <i>Malvastrum americanum</i> | n |
| <i>Malvastrum americanum</i> | n |
| <i>Malvastrum americanum</i> | 2 |
| <i>Malvastrum americanum</i> | 2 |
| <i>Phyllanthus erwinii</i> | 1 |
| <i>Pluchea dunlopii</i> | n |
| <i>Pterocaulon sphaeranthoides</i> | n |
| <i>Ptilotus helipteroides</i> var. <i>helipteroides</i> | 1 |
| <i>Ptilotus macrocephalus</i> | n |
| <i>Salsola tragus</i> subsp. <i>grandiflora</i> | n |
| <i>Santalum lanceolatum</i> | n |
| <i>Sida kingii</i> | n |
| <i>Streptoglossa bubakii</i> | n |
| <i>Streptoglossa bubakii</i> | n |
| <i>Striga squamigera</i> | 1 |
| <i>Stylobasium spathulatum</i> | n |
| <i>Tephrosia rosea</i> var. <i>glabrior</i> | n |
| <i>Tephrosia rosea</i> var. <i>rosea</i> | n |
| <i>Tephrosia</i> sp. Bungaroo Creek (M.E. Trudgen 11601) | n |
| <i>Trachymene oleracea</i> subsp. <i>oleracea</i> | 1 |
| <i>Triraphis mollis</i> | n |
| <i>Vachellia farnesiana</i> | 1 |
| <i>Vachellia farnesiana</i> | 2 |

Waltheria indica
Velleia connata

n
1