

Brockman Resources Limited

**Marillana Vegetation and Flora Survey – Site Information
Phase 1**

Phase 1 **Site** **A1**

Described **MH** **Date** 5/06/2008 **Type:** **Quadrat** 50 x 50 m

MGA Zone **50 K** 729103 **mE** 7505239 **mN**

Habitat Flat plain

Soil Red-orange sandy clay with surface crust

Rock Type

Vegetation *Acacia aneura*, *Acacia citrinoviridis* and *Hakea lorea* subsp. *lorea* open low woodland, over *Acacia sclerosperma* subsp. *sclerosperma* open tall shrubland, over isolated mid shrubs of *Acacia synchronicia*, over **Cenchrus ciliaris* and **Cenchrus setiger* closed tussock grassland.

Veg Condition Good

Fire None evident

Species List:

Name	Cover
<i>Acacia aneura</i>	2
<i>Acacia citrinoviridis</i>	2
<i>Acacia sclerosperma</i> subsp. <i>sclerosperma</i>	2
<i>Acacia synchronicia</i>	1
<i>Amyema fitzgeraldii</i>	n
<i>*Cenchrus ciliaris</i>	5
<i>*Cenchrus setiger</i>	2
<i>Hakea lorea</i> subsp. <i>lorea</i>	2
<i>Rhagodia eremaea</i>	n
<i>Vachellia farnesiana</i>	n

<i>Trichodesma zeylanicum</i>	n
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Phase 1 **Site** A3
Described CW **Date** 5/06/2008 **Type:** **Quadrat** 100 x 25
MGA Zone 50 K 731995 mE 7501900 mN
Habitat River bank, slightly undulating
Soil red-orange sand and sandy clay with loose Soil
Rock Type ferrous
Vegetation *Eucalyptus victrix* mid woodland, over *Acacia coriacea* subsp. *pendens* low woodland, over *Acacia coriacea* subsp. *pendens* high shrubland, over **Cenchrus ciliaris* open tussock grassland. Updated, Photo: 1203-1204, River bank, slightly undulating.
Veg Condition Poor
Fire Old
Notes Neg. leaf litter and sparse wood litter.

Species List:

Name	Cover
<i>Acacia citrinoviridis</i>	1
<i>Acacia citrinoviridis</i>	2
<i>Acacia coriacea</i>	3
<i>Acacia coriacea</i> subsp. <i>pendens</i>	n
<i>Atalaya hemiglauca</i>	2
<i>Austrobryonia pilbarensis</i>	n
<i>Capparis spinosa</i>	n
<i>Cenchrus ciliaris</i>	4
<i>Cenchrus ciliaris</i>	2
<i>Cleome viscosa</i>	2
<i>Corchorus crozophorifolius</i>	1
<i>Eriachne pulchella</i>	1
<i>Eucalyptus victrix</i>	3
<i>Euphorbia australis</i>	2
<i>Euphorbia coghlanii</i>	2
<i>Gomphrena cunninghamii</i>	1
<i>Indigofera linnaei</i>	n
<i>Phyllanthus maderaspatensis</i>	1
<i>Polycarpaea longiflora</i>	1
<i>Salsola australis</i>	n
<i>Sesbania cannabina</i>	2
<i>Solanum phlomoides</i>	n

Phase 1 **Site** A4
Described MH **Date** 11/06/200 **Type:** **Quadrat** 50 x 50 m
MGA Zone 50 K 732537 **mE** 7499035 **mN**
Habitat River bank and island.
Soil Red-orange sandy clay with some loose Soil
Rock Type Ferrous
Vegetation *Eucalyptus victrix* open mid woodland, over *Acacia citrinoviridis* low open forest, over **Cenchrus ciliaris* open tussock grassland. Updated, Photo: 1091-1094 MH, River bank and island.
Veg Condition Good
Fire None
Notes Leaf litter plentiful and widespread. Wood litter sparse.

Species List:

Name	Cover
<i>Acacia citrinoviridis</i>	4
<i>Amyema hilliana</i>	n
<i>Cenchrus ciliaris</i>	2
<i>Cenchrus setiger</i>	n
<i>Cleome viscosa</i>	n
<i>Corchorus crozophorifolius</i>	n
<i>Corymbia hamersleyana</i>	n
<i>Enneapogon polyphyllus</i>	n
<i>Eriachne pulchella</i> subsp. <i>dominii</i>	1
<i>Eucalyptus victrix</i>	2
<i>Phyllanthus maderaspatensis</i>	n
<i>Tephrosia rosea</i> var . <i>glabrior</i>	n
<i>Triodia ?epactia</i>	n

Phase 1 **Site** A5
Described CW **Date** 11/06/200 **Type:** **Quadrat** 50 x 50 m
MGA Zone 50 K 734476 **mE** 7497191 **mN**
Habitat Floodplain with neg slope
Soil Red-orange sandy clay with surface crust and loose Soil
Rock Type
Vegetation *Eucalyptus victrix* open woodland, over isolated low trees of *Atalaya hemiglauca*, over isolated mid shrubs of *Rhagodia eremaea*, over **Cenchrus setiger* and **Cenchrus ciliaris* closed tussock grassland. Updated, Photo: 129-1308 CW, Floodplain with neg slope.
Veg Condition Poor
Fire none
Notes Moderate leaf litter mainly under shrubs, sparse wood litter

Species List:

Name	Cover
<i>Atalaya hemiglauca</i>	1
<i>Cenchrus ciliaris</i>	5
<i>Cenchrus setiger</i>	5
<i>Eucalyptus victrix</i>	3
<i>Eucalyptus victrix</i>	3
<i>Rhagodia eremaea</i>	n

Phase 1 **Site** A6
Described CW **Date** 11/06/200 **Type:** **Quadrat** 50 x 50 m
MGA Zone 50 K 737392 mE 7493100 mN
Habitat Flat plain / Floodplain
Soil Red-orange sandy clay
Rock Type ferrous
Vegetation *Eucalyptus victrix* open mid woodland, over *Acacia citrinoviridis* low woodland, over *Acacia citrinoviridis* and *Acacia tumida* var. *pilbarensis* high open shrubland, over *Corchorus crozophorifolius* and *Waltheria indica* open low shrubland, over **Cenchrus ciliaris* and *Aristida contorta* open tussock grassland, over isolated clumps of *Triodia epactia* and *Triodia wiseana* hummock grasses. Updated, Photo: 129-1299 CW, Flat plain / Floodplain.
Veg Condition Poor
Fire None
Notes Moderate leaf litter mainly under shrubs, Moderate wood litter.

Species List:

Name	Cover
<i>Abutilon dioicum</i>	n
<i>Acacia citrinoviridis</i>	1
<i>Acacia citrinoviridis</i>	3
<i>Acacia pyrifolia</i> var. <i>morrisonii</i>	1
<i>Acacia tumida</i> var. <i>pilbarensis</i>	3
<i>Aerva javanica</i>	1
<i>Aristida contorta</i>	2
<i>Atalaya hemiglauca</i>	n
<i>Boerhavia gardneri</i>	1
<i>Boerhavia</i> sp.	n
<i>Cenchrus ciliaris</i>	3
<i>Cenchrus setiger</i>	2
<i>Cleome viscosa</i>	1
<i>Corchorus crozophorifolius</i>	3
<i>Enneapogon polyphyllus</i>	1
<i>Enneapogon robustissimus</i>	1
<i>Eriachne pulchella</i>	1
<i>Eucalyptus victrix</i>	2
<i>Euphorbia australis</i>	1
<i>Euphorbia coghlanii</i>	1
<i>Gomphrena cunninghamii</i>	1
<i>Gossypium australe</i>	1
<i>Gossypium robinsonii</i>	n
<i>Phyllanthus maderaspatensis</i>	1
<i>Polycarpaea longiflora</i>	1
<i>Rhynchosia minima</i>	2
<i>Solanum phlomoides</i>	1
<i>Triodia epactia</i>	1
<i>Triodia wiseana</i>	1
<i>Waltheria indica</i>	2

Phase 1 **Site** A7
Described CW **Date** 9/06/2008 **Type:** **Quadrat** 50 x 50 m
MGA Zone 50 K 736467 **mE** 7495866 **mN**
Habitat Flat plain
Soil Red-orange sandy clay with surface crust and loose Soil
Rock Type
Vegetation *Hakea lorea* subsp. *lorea* and *Corymbia hamersleyana* low open woodland, over *Acacia inaequilatera*
 high open shrubland, over *Eremophila lanceolata* low shrubland, over **Cenchrus setiger* and
 **Cenchrus ciliaris* tussock grassland. Updated, Photo: 127-1278 CW, Flat plain.
Veg Condition Poor
Fire none
Notes Sparse leaf litter mainly under shrubs, Sparse wood litter.

Species List:

Name	Cover
<i>Acacia aneura</i> var . ? <i>aneura</i>	1
<i>Acacia citrinoviridis</i>	1
<i>Acacia inaequilatera</i>	2
<i>Acacia sclerosperma</i> subsp.	
<i>sclerosperma</i>	1
<i>Acacia synchronicia</i>	1
<i>Atalaya hemiglauca</i>	n
<i>Cenchrus ciliaris</i>	4
<i>Cenchrus setiger</i>	4
<i>Chrysopogon fallax</i>	n
<i>Corchorus tectus</i>	n
<i>Corymbia hamersleyana</i>	2
<i>Enneapogon polyphyllus</i>	n
<i>Eremophila lanceolata</i>	3
<i>Hakea lorea</i> subsp. <i>lorea</i>	2
<i>Hakea lorea</i> subsp. <i>lorea</i>	1
<i>Hibiscus sturtii</i> var . <i>platyklamys</i>	n
<i>Pterocaulon sphaeranthoides</i>	n
<i>Rhagodia eremaea</i>	1
<i>Senna artemisioides</i> subsp. <i>oligophylla</i>	1
<i>Sida fibulifera</i>	1
<i>Solanum lasiophyllum</i>	1

Phase 1 **Site** A8
Described MH **Date** 10/06/200 **Type:** **Quadrat** 30 X 85
MGA Zone 50 K 733679 **mE** 7495141 **mN**
Habitat Flat plain / Foothslope, minor channel
Soil Red-orange sandy clay
Rock Type Ferrous, creek rocks
Vegetation *Corymbia hamersleyana* scattered low trees, over *Acacia tumida* var. *pilbarensis* open tall shrubland, over *Indigofera monophylla* and *Waltheria indica* low open shrubland, over **Cenchrus ciliaris* and *Paraneurachne muelleri* open tussock grassland, over *Triodia ?epactia* sparse hummock grassland.
Updated, Photo:1085-1088 MH, Flat plain / Foothslope, minor channel.
Veg Condition Excellent
Fire None
Notes Moderate leaf litter widespread, Moderate wood litter.

Species List:

Name	Cover
? <i>Sida</i> sp.	n
<i>Abutilon leucopetalum</i>	n
<i>Acacia ancistrocarpa</i>	n
<i>Acacia maitlandii</i>	n
<i>Acacia monticola</i>	n
<i>Acacia pyrifolia</i> var . <i>morrisonii</i>	2
<i>Acacia spondylophylla</i>	1
<i>Acacia tumida</i> var . <i>pilbarensis</i>	4
<i>Aristida contorta</i>	1
<i>Aristida holathera</i> var . <i>holathera</i>	1
<i>Cenchrus ciliaris</i>	3
<i>Cenchrus setiger</i>	n
<i>Cleome viscosa</i>	n
<i>Corchorus laniflorus</i>	n
<i>Corchorus lasiocarpus</i> subsp. ? <i>parvus</i>	n
<i>Corchorus tectus</i>	n
<i>Corymbia hamersleyana</i>	n
<i>Cucumis maderaspatanus</i>	n
<i>Cyperus cunninghamii</i> subsp. <i>cunninghamii</i>	n
<i>Enneapogon polyphyllus</i>	1
<i>Eragrostis eriopoda</i>	n
<i>Eriachne aristidea</i>	n
<i>Goodenia stobbsiana</i>	n
<i>Gossypium australe</i>	n
<i>Gossypium robinsonii</i>	n
<i>Grevillea wickhamii</i> subsp. <i>hispidula</i>	1
<i>Hibiscus sturtii</i> var . <i>platychlamys</i>	1
<i>Hybanthus aurantiacus</i>	1
<i>Indigofera monophylla</i>	2
<i>Mollugo molluginea</i>	n
<i>Paraneurachne muelleri</i>	2
<i>Polycarpaea longiflora</i>	n
<i>Ptilotus obovatus</i> var . <i>obovatus</i>	n
<i>Ptilotus polystachyus</i> var . <i>polystachyus</i>	n
<i>Rhagodia eremaea</i>	2
<i>Senna artemisioides</i> subsp. <i>helmsii</i>	n
<i>Senna artemisioides</i> subsp. <i>oligophylla</i>	n
<i>Senna glutinosa</i> subsp. <i>glutinosa</i>	n
<i>Sida fibulifera</i>	n
<i>Sida</i> sp. spiciform panicles (E. Leyland s.n. 14/8/1990	n
<i>Solanum lasiophyllum</i>	n

<i>Tephrosia rosea</i> var . <i>glabrior</i>	1
<i>Themeda</i> sp. Mt Barricade (M.E. Trudgen 2471)	1
<i>Triodia</i> ? <i>epactia</i>	2
<i>Triodia basedowii</i>	1
<i>Waltheria indica</i>	2

Phase 1 **Site** A9
Described MH **Date** 10/06/200 **Type:** 50 x 50 m
MGA Zone 50 K 726866 mE 7500762 mN
Habitat Flat plain
Soil Red orange sandy clay with surface crust
Rock Type Ferrous
Vegetation *Grevillea wickhamii* subsp. *hispidula* tall open shrubland, over *Senna artemisioides* subsp. *oligophylla*, *Indigofera monophylla* and *Corchorus tectus* open low shrubland, over **Cenchrus ciliaris*, *Eragrostis eriopoda* and *Aristida holathera* var. *holathera* tussock grassland, over isolated clumps of *Triodia ? epactia* hummock grasses. Updated, Photo: 1049-1050 MH, Flat plain.
Veg Condition Good
Fire None evident
Notes Negligible leaf litter, sparse wood litter

Species List:

Name	Cover
<i>Indigofera monophylla</i>	n
<i>Acacia pyrifolia</i> var . <i>morrisonii</i>	n
<i>Aristida contorta</i>	1
<i>Aristida holathera</i> var . <i>holathera</i>	1
<i>Bonamia rosea</i>	2
<i>Cenchrus ciliaris</i>	2
<i>Cleome viscosa</i>	1
<i>Corchorus tectus</i>	3
<i>Cullen leucochaetes</i>	1
<i>Eragrostis eriopoda</i>	2
<i>Goodenia microptera</i>	n
<i>Gossypium australe</i>	1
<i>Grevillea wickhamii</i> subsp. <i>hispidula</i>	2
<i>Hakea lorea</i> subsp. <i>lorea</i>	n
<i>Heliotropium ovalifolium</i>	n
<i>Hibiscus sturtii</i> var . <i>platychlamys</i>	n
<i>Hybanthus aurantiacus</i>	1
<i>Indigofera monophylla</i>	2
<i>Mollugo molluginea</i>	1
<i>Portulaca oleracea</i>	1
<i>Pterocaulon sphaeranthoides</i>	n
<i>Ptilotus astrolasius</i> var . <i>astrolasius</i>	1
<i>Ptilotus exaltatus</i>	n
<i>Ptilotus helipteroides</i> var . <i>helipteroides</i>	n
<i>Ptilotus obovatus</i> var . <i>obovatus</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>	2
<i>Sida arenicola</i>	n
<i>Solanum lasiophyllum</i>	n
<i>Streptoglossa decurrens</i>	n
<i>Tephrosia rosea</i> var . <i>glabrior</i>	1
<i>Trachymene oleracea</i> subsp. <i>oleracea</i>	n
<i>Trianthema pilosa</i>	1
<i>Trichodesma zeylanicum</i>	1
<i>Triodia ? epactia</i>	1

Phase 1 **Site** A10
Described MH **Date** 10/06/200 **Type:** **Quadrat** 50 x 50 m
MGA Zone 50 K 727325 **mE** 7500416 **mN**
Habitat Rocky flat plain
Soil Red-orange sandy clay with surface crust
Rock Type Ferrous
Vegetation *Grevillea wickhamii* subsp. *hispidula* high open shrubland, over *Triodia basedowii* hummock grassland. Updated, Photo: 1053-1054 MH, Rocky flat plain.
Veg Condition Excellent
Fire None evident
Notes Negligible leaf litter. Negligible wood litter.

Species List:

Name	Cover
<i>Abutilon cunninghamii</i>	n
<i>Acacia ancistrocarpa</i>	1
<i>Acacia elachantha</i>	n
<i>Acacia inaequilatera</i>	n
<i>Acacia pachyacra</i>	n
<i>Acacia pruinocarpa</i>	n
<i>Aristida holathera</i> var . <i>holathera</i>	1
<i>Bonamia rosea</i>	1
<i>Corchorus tectus</i>	1
<i>Crotalaria cunninghamii</i>	1
<i>Cymbopogon obtectus</i>	n
<i>Dicrastylis cordifolia</i>	n
<i>Eragrostis eriopoda</i>	1
<i>Eucalyptus gamophylla</i>	n
<i>Grevillea wickhamii</i> subsp. <i>hispidula</i>	3
<i>Hakea chordophylla</i>	n
<i>Hybanthus aurantiacus</i>	n
<i>Indigofera monophylla</i>	1
<i>Mollugo molluginea</i>	1
<i>Paraneurachne muelleri</i>	n
<i>Ptilotus astrolasius</i> var . <i>astrolasius</i>	1
<i>Ptilotus calostachyus</i> var . <i>calostachyus</i>	n
<i>Senna artemisioides</i> subsp. <i>oligophylla</i>	n
<i>Tephrosia rosea</i> var . <i>glabrior</i>	n
<i>Tephrosia</i> sp. Bungaroo Creek (M.E. Trudgen 11601)	n
<i>Triodia basedowii</i>	4

Phase 1 **Site** A11
Described MH **Date** 10/06/200 **Type:** **Quadrat** 50 x50
MGA Zone **50 K** 728027 **mE** 7499782 **mN**
Habitat Rocky/sandy flat plain
Soil Red-orange sandy clay with surface crust
Rock Type Ferrous
Vegetation *Acacia inaequilatera* sparse tall shrubland, over *Ptilotus obovatus* var. *obovatus* and *Corchorus tectus* open low shrubland, over **Cenchrus ciliaris* and *Aristida holathera* var. *holathera* open tussock grassland, over *Triodia basedowii* and *Triodia ?epactia* open hummock grassland. Updated, Photo: 1060+1061 MH, Rocky/sandy flat plain.
Veg Condition Good
Fire Moderate
Notes Negligible leaf litter. Sparse wood litter.

Species List:

Name	Cover
<i>Acacia inaequilatera</i>	2
<i>Acacia pachyacra</i>	n
<i>Acacia pruinocarpa</i>	n
<i>Aristida holathera</i> var. <i>holathera</i>	2
<i>Boerhavia ? gardneri</i>	2
<i>Cenchrus ciliaris</i>	2
<i>Cenchrus ciliaris</i>	2
<i>Cleome viscosa</i>	1
<i>Corchorus tectus</i>	2
<i>Corchorus tectus</i>	1
<i>Cullen leucochaetes</i>	n
<i>Cymbopogon obtectus</i>	n
<i>Eragrostis eriopoda</i>	2
<i>Eriachne aristidea</i>	1
<i>Euphorbia australis</i>	n
<i>Goodenia microptera</i>	1
<i>Gossypium australe</i>	n
<i>Grevillea wickhamii</i> subsp. <i>hispidula</i>	n
<i>Hakea chordophylla</i>	n
<i>Haloragis gossei</i> var. <i>gossei</i>	n
<i>Hibiscus sturtii</i> var. <i>platyclamys</i>	n
<i>Hybanthus aurantiacus</i>	1
<i>Indigofera monophylla</i>	n
<i>Mollugo molluginea</i>	2
<i>Phyllanthus maderaspatensis</i>	n
<i>Portulaca oleracea</i>	n
<i>Ptilotus astrolasius</i> var. <i>astrolasius</i>	n
<i>Ptilotus helipteroides</i> var. <i>helipteroides</i>	n
<i>Ptilotus obovatus</i> var. <i>obovatus</i>	1
<i>Ptilotus polystachyus</i> var. <i>polystachyus</i>	n
<i>Senna artemisioides</i> subsp. <i>oligophylla</i>	1
<i>Senna artemisioides</i> subsp. <i>oligophylla</i>	n
<i>Senna notabilis</i>	n
<i>Sida echinocarpa</i>	n
<i>Solanum lasiophyllum</i>	n
<i>Solanum phlomoides</i>	n
<i>Tephrosia rosea</i> var. <i>glabrior</i>	n
<i>Tephrosia</i> sp. Bungaroo Creek (M.E. Trudgen 11601)	n
<i>Trianthema pilosa</i>	1
<i>Trichodesma zeylanicum</i>	n
<i>Triodia ? epactia</i>	2
<i>Triodia basedowii</i>	2

Phase 1 **Site** A12
Described MH **Date** 10/06/200 **Type:** **Quadrat** 50 x 50 m
MGA Zone 50 K 727371 **mE** 7502554 **mN**
Habitat Sandy flat plain
Soil red-orange sandy clay with surface crust and loose Soil.
Rock Type
Vegetation Isolated low trees of *Corymbia hamersleyana*, over *Acacia inaequilatera* sparse tall shrubland, over *Bonamia rosea*, *Cleome viscosa* and *Corchorus tectus* open low shrubland, over *Eragrostis eriopoda* and *Aristida holathera* var. *holathera* open tussock grassland, over *Triodia basedowii* open hummock grassland. Updated, Photo: 1058-59 MH, Sandy flat plain.
Veg Condition Good
Fire Moderate
Notes Leaf litter negligible, Wood litter sparse.

Species List:

Name	Cover
<i>Acacia dictyophleba</i>	n
<i>Acacia inaequilatera</i>	2
<i>Aristida holathera</i> var . <i>holathera</i>	3
<i>Aristida inaequiglumis</i>	2
<i>Bonamia rosea</i>	3
<i>Cleome viscosa</i>	2
<i>Corchorus tectus</i>	2
<i>Corymbia hamersleyana</i>	1
<i>Dicrastylis cordifolia</i>	1
<i>Eragrostis eriopoda</i>	2
<i>Eriachne aristidea</i>	1
<i>Eriachne aristidea</i>	1
<i>Eulalia aurea</i>	N
<i>Euphorbia australis</i>	1
<i>Goodenia microptera</i>	1
<i>Hakea lorea</i> subsp. <i>lorea</i>	n
<i>Heliotropium ovalifolium</i>	n
<i>Ptilotus polystachyus</i> var . <i>arthrotrichus</i>	n
<i>Senna artemisioides</i> subsp. <i>oligophylla</i>	n
<i>Senna notabilis</i>	1
<i>Sida cardiophylla</i>	1
<i>Trianthema pilosa</i>	2
<i>Trichodesma zeylanicum</i> var . zeylanicum	n
<i>Triodia basedowii</i>	3
<i>Yakirra australiensis</i>	1

Phase 1 **Site** A13
Described MH **Date** 9/06/2008 **Type:** **Quadrat** 50 x 50 m
MGA Zone **50 K** 726793 **mE** 7503724 **mN**
Habitat Flat plain
Soil Red-orange sandy clay with surface crust and loose Soil
Rock Type
Vegetation Isolated low trees of *Hakea lorea* subsp. *lorea* and *Acacia inaequilatera*, over *Bonamia rosea* open low shrubland, over *Aristida holathera* open tussock grassland, over *Triodia ?basedowii* sparse hummock grassland. Updated, Photo: 1047-1048 MH, Flat plain.
Veg Condition Good
Fire Moderate
Notes Negligible leaf litter, sparse wood litter

Species List:

Name	Cover
<i>Acacia inaequilatera</i>	1
<i>Aristida holathera</i> var . <i>holathera</i>	3
<i>Aristida inaequiglumis</i>	1
<i>Aristida inaequiglumis</i>	2
<i>Bonamia rosea</i>	3
<i>Corchorus tectus</i>	1
<i>Cullen leucochaetes</i>	n
<i>Cymbopogon obtectus</i>	n
<i>Dicrastylis cordifolia</i>	2
<i>Eragrostis eriopoda</i>	2
<i>Eriachne aristidea</i>	2
<i>Eulalia aurea</i>	1
<i>Goodenia microptera</i>	1
<i>Grevillea wickhamii</i> subsp. <i>hispidula</i>	n
<i>Hakea lorea</i> subsp. <i>lorea</i>	1
<i>Haloragis gossei</i> var . <i>gossei</i>	n
<i>Indigofera monophylla</i>	2
<i>Phyllanthus erwinii</i>	n
<i>Pterocaulon sphaeranthoides</i>	n
<i>Ptilotus astrolasius</i> var . <i>astrolasius</i>	n
<i>Ptilotus calostachyus</i> var . <i>calostachyus</i>	n
<i>Ptilotus obovatus</i> var . <i>obovatus</i>	n
<i>Senna artemisioides</i> subsp. <i>oligophylla</i>	1
<i>Sida arenicola</i>	n
<i>Sida cardiophylla</i>	1
<i>Solanum lasiophyllum</i>	n
<i>Trichodesma zeylanicum</i>	n
<i>Triodia basedowii</i>	2

Phase 1 **Site** A14
Described MH **Date** 9/06/2008 **Type:** **Quadrat** 50 x 50 m
MGA Zone **50 K** 728019 **mE** 7502796 **mN**
Habitat Flat sandy plain
Soil Red-orange sandy clay with surface crust and loose Soil.
Rock Type
Vegetation Isolated low trees of *Hakea lorea* subsp. *lorea* , over *Cullen leucochaetes* sparse mid shrubland, over *Bonamia rosea* and *Corchorus tectus* low shrubland, over *Aristida inaequiglumis* and *Aristida holathera* var. *holathera* open tussock grassland, over isolated clumps of *Triodia basedowii* hummock grasses. Updated, Photo: 1045+1046 MH, Flat sandy plain.
Veg Condition Good
Fire Moderate
Notes Sparse leaf litter mainly under shrubs, moderate wood litter.

Species List:

Name	Cover
<i>Acacia inaequilatera</i>	n
<i>Acacia pachyacra</i>	n
<i>Aristida contorta</i>	1
<i>Aristida holathera</i> var . <i>holathera</i>	3
<i>Aristida inaequiglumis</i>	2
<i>Bonamia rosea</i>	3
<i>Cleome viscosa</i>	n
<i>Corchorus tectus</i>	2
<i>Cucumis maderaspatanus</i>	n
<i>Cullen leucochaetes</i>	2
<i>Dicrastylis cordifolia</i>	2
<i>Eragrostis eriopoda</i>	1
<i>Eriachne aristidea</i>	1
<i>Eulalia aurea</i>	1
<i>Euphorbia australis</i>	n
<i>Goodenia microptera</i>	n
<i>Hakea lorea</i> subsp. <i>lorea</i>	1
<i>Indigofera monophylla</i>	1
<i>Indigofera monophylla</i>	n
<i>Paraneurachne muelleri</i>	n
<i>Ptilotus astrolasius</i> var . <i>astrolasius</i>	n
<i>Ptilotus polystachyus</i> var . <i>arthrotrichus</i>	n
<i>Scaevola parvifolia</i> subsp. <i>parvifolia</i>	1
<i>Senna artemisioides</i> subsp. <i>helmsii</i>	n
<i>Senna artemisioides</i> subsp. <i>oligophylla</i>	n
<i>Senna notabilis</i>	1
<i>Trianthema pilosa</i>	1
<i>Triodia basedowii</i>	1
<i>Triodia schinzii</i>	n

Phase 1 **Site** A15
Described CW **Date** 5/06/2008 **Type:** **Quadrat** 50 x 50 m
MGA Zone 50 K 727243 **mE** 7504575 **mN**
Habitat Flat plain
Soil Red-orange sandy clay with loose Soil
Rock Type
Vegetation *Acacia aneura* open low forest, over *Hakea lorea* subsp. *lorea* open tall shrubland, over *Acacia sclerosperma* subsp. *sclerosperma* mid sparse shrubland, over **Cenchrus ciliaris* tussock grassland.
 Updated, Photo: 1229+1247 CW, Flat plain.
Veg Condition Poor
Fire Moderate
Notes Negligible leaf litter, Sparse wood litter.

Species List:

Name	Cover
<i>Acacia aneura</i>	4
<i>Acacia aneura</i> var . <i>aneura</i>	1
<i>Acacia sclerosperma</i> subsp. <i>sclerosperma</i>	2
<i>Acacia synchronicia</i>	1
<i>Acacia tetragonophylla</i>	1
<i>Atalaya hemiglauc</i>	1
<i>Cenchrus ciliaris</i>	4
<i>Cheilanthes sieberi</i> subsp. <i>sieberi</i>	1
<i>Enneapogon polyphyllus</i>	n
<i>Eucalyptus xerothermica</i>	n
<i>Evolvulus alsinoides</i> var . <i>villosicalyx</i>	n
<i>Hakea lorea</i> subsp. <i>lorea</i>	3
<i>Psyrax latifolia</i>	1
<i>Vachellia farnesiana</i>	1

Phase 1 **Site** A16
Described CW **Date** 9/06/2008 **Type:** **Quadrat** 50 x 50 m
MGA Zone 50 K 729520 **mE** 7502769 **mN**
Habitat Flat plain adjacent to minor channel
Soil Red-orange sandy clay with loose Soil
Rock Type
Vegetation *Corymbia hamersleyana*, *Eucalyptus ?victrix* and *Acacia aneura* low woodland, over *Atalaya hemiglauc*a sparse mid shrubland, over **Cenchrus ciliaris* and **Cenchrus setiger* open tussock grassland. Updated, Photo: 127-1282/3 CW, Flat plain adjacent to minor channel.
Veg Condition Poor
Fire Moderate
Notes Moderate leaf litter mainly under shrubs, moderate wood litter

Species List:

Name	Cover
? <i>Pentalepis trichodesmoides</i>	n
<i>Acacia aneura</i> var . ?	3
<i>Acacia citrinoviridis</i>	1
<i>Acacia synchronicia</i>	1
<i>Acacia tetragonophylla</i>	1
<i>Atalaya hemiglauc</i> a	2
<i>Austrobryonia pilbarensis</i>	2
<i>Boerhavia gardneri</i>	1
<i>Cenchrus ciliaris</i>	3
<i>Cenchrus setiger</i>	3
<i>Cleome viscosa</i>	1
<i>Corymbia hamersleyana</i>	3
<i>Cullen leucochaites</i>	1
<i>Datura leichhardtii</i>	n
<i>Eremophila longifolia</i>	1
<i>Eucalyptus ?victrix</i>	3
<i>Eulalia aurea</i>	1
<i>Goodenia nuda</i>	1
<i>Gossypium australe</i>	1
<i>Ipomoea muelleri</i>	2
<i>Malvastrum americanum</i>	4
<i>Nicotiana occidentalis</i>	n
<i>Pterocaulon sphaeranthoides</i>	1
<i>Rhynchosia minima</i>	1
<i>Senna notabilis</i>	1

Phase 1 **Site** A17
Described MH **Date** 4/06/2008 **Type:** **Quadrat** 50 x 50 m
MGA Zone 50 K 727296 **mE** 7505798 **mN**
Habitat Flat plain / floodplain
Soil Red-orange sandy clay with surface crust and loose Soil
Rock Type
Vegetation *Acacia aneura* low open forest, over *Acacia synchronicia* sparse tall shrubland, over isolated plants of *Sclerolaena costata*, over **Cenchrus ciliaris* closed tussock grassland. Updated, Photo: 988+89 MH, Flat plain/floodplain.
Veg Condition Good
Fire None evident
Notes Moderate, widespread leaf litter and negligible wood litter.
 This Vegetation in this patch only - Surrounding is *A. sclerosperma /synchronicia* high shrubland with sparse *aneura* trees over **Cenchrus ciliaris*.

Species List:

Name	Cover
<i>Abutilon dioicum</i>	n
<i>Acacia aneura</i> var . ?	4
<i>Acacia sclerosperma</i> subsp. <i>sclerosperma</i>	1
<i>Acacia synchronicia</i>	2
<i>Cenchrus ciliaris</i>	5
<i>Chrysopogon fallax</i>	n
<i>Eragrostis setifolia</i>	n
<i>Eucalyptus victrix</i>	1
<i>Portulaca oleracea</i>	n
<i>Rhagodia eremaea</i>	n
<i>Scaevola spinescens</i>	n
<i>Sclerolaena costata</i>	1
<i>Senna artemisioides</i> subsp. ? <i>oligophylla</i> x	n
<i>Trianthema triquetra</i>	n

Phase 1 **Site** A18
Described CW **Date** 6/06/2008 **Type:** **Quadrat** 50 x 50 m
MGA Zone 50 K 728288 **mE** 7505261 **mN**
Habitat Flat plain
Soil Red-orange sandy clay loose Soil
Rock Type Ferrous
Vegetation *Acacia synchronicia* high open shrubland, over *Eremophila lanceolata* and *Sclerolaena cornishiana*
 sparse low shrubland, over **Cenchrus setiger* and **Cenchrus ciliaris* tussock grassland. Updated,
 Photo:124-1249 CW, Flat plain.
Veg Condition Poor
Fire Old
Notes Sparse leaf litter mainly under shrubs, sparse wood litter

Species List:

Name	Cover
<i>Acacia synchronicia</i>	3
<i>Cenchrus ciliaris</i>	4
<i>Cenchrus setiger</i>	4
<i>Corchorus tectus</i>	1
<i>Eremophila lanceolata</i>	2
<i>Eremophila lanceolata</i>	1
<i>Ptilotus obovatus</i> var . <i>obovatus</i>	1
<i>Salsola australis</i>	1
<i>Sclerolaena cornishiana</i>	2
<i>Senna artemisioides</i> subsp. <i>helmsii</i>	1
<i>Vachellia farnesiana</i>	1

Phase 1 **Site** A19
Described CW **Date** 6/06/2008 **Type:** **Quadrat** 50 x 50 m
MGA Zone 50 K 728482 **mE** 7506031 **mN**
Habitat Flat plain
Soil red-orange sandy clay
Rock Type
Vegetation *Hakea lorea* subsp. *lorea* and *Acacia citrinoviridis* open low woodland, over isoalted tall shrubs of
 **Vachellia farnesiana*, over *Acacia synchronicia* sparse mid shrubland over **Cenchrus setiger* and
 **Cenchrus ciliaris* tussock grassland. Updated, Photo: 124-1248 CW, Flat plain.
Veg Condition poor
Fire old
Notes Moderate widespread leaf litter, moderate wood litter

Species List:

Name	Cover
<i>Acacia citrinoviridis</i>	3
<i>Acacia coriacea</i> subsp. <i>pendens</i>	1
<i>Acacia sclerosperma</i> subsp. <i>sclerosperma</i>	2
<i>Acacia synchronicia</i>	1
<i>Acacia tetragonophylla</i>	2
<i>Cenchrus ciliaris</i>	4
<i>Cenchrus setiger</i>	4
<i>Chrysopogon fallax</i>	1
<i>Corymbia hamersleyana</i>	n
<i>Hakea lorea</i> subsp. <i>lorea</i>	2
<i>Hakea lorea</i> subsp. <i>lorea</i>	1
<i>Pterocaulon sphaeranthoides</i>	n
<i>Rhagodia eremaea</i>	1
<i>Vachellia farnesiana</i>	1

Phase 1 **Site** A20
Described MH **Date** 4/06/2008 **Type:** **Quadrat** 50 x 50 m
MGA Zone 50 K 729978 **mE** 7503418 **mN**
Habitat Flat plain / floodplain
Soil red-orange sandy plain with cracked clay and surface crust
Rock Type
Vegetation *Acacia aneura* var. *aneura* low woodland, over *Acacia sclerosperma* subsp. *sclerosperma* high shrubland, over *Acacia sclerosperma* subsp. *sclerosperma* and *Acacia synchronicia* sparse mid shrubland, over **Cenchrus ciliaris* and **Cenchrus setiger* closed tussock grassland. Updated, Photo: 985-87 MH, Flat plain / floodplain.
Veg Condition Good
Fire None evident
Notes Moderate widespread leaf litter and moderate wood litter

Species List:

Name	Cover
<i>Acacia aneura</i> var . <i>aneura</i>	2
<i>Acacia sclerosperma</i> subsp. <i>sclerosperma</i>	4
<i>Acacia synchronicia</i>	2
<i>Amyema fitzgeraldii</i>	n
<i>Cenchrus ciliaris</i>	5
<i>Cenchrus setiger</i>	3
<i>Corchorus crozophorifolius</i>	n
<i>Corchorus tectus</i>	n
<i>Corymbia hamersleyana</i>	1
<i>Enchylaena tomentosa</i> var . <i>tomentosa</i>	n
<i>Gossypium australe</i>	n
<i>Hakea lorea</i> subsp. <i>lorea</i>	2
<i>Rhagodia eremaea</i>	n
<i>Senna artemisioides</i> subsp. <i>oligophylla</i> x <i>helmsii</i>	n
<i>Vachellia farnesiana</i>	n

Phase 1 **Site** A21
Described CW **Date** 5/06/2008 **Type:** **Quadrat** 50 x 50 m
MGA Zone 50 K 730919 **mE** 7502630 **mN**
Habitat Flat plain
Soil Red-orange sandy clay with surface crust and loose Soil
Rock Type
Vegetation Isolated low trees of *Corymbia hamersleyana* and *Acacia citrinoviridis*, over *Acacia citrinoviridis* sparse tall shrubland, over isolated mid shrubs of *Acacia synchronicia* , over **Cenchrus ciliaris* and *Chrysopogon fallax* tussock grassland. Updated, Photo:123-1225 CW, Flat plain.
Veg Condition Poor
Fire None
Notes Negligible leaf litter, sparse wood litter

Species List:

Name	Cover
<i>Acacia citrinoviridis</i>	2
<i>Acacia inaequilatera</i>	n
<i>Acacia synchronicia</i>	2
<i>Cenchrus ciliaris</i>	4
<i>Chrysopogon fallax</i>	2
<i>Corchorus</i> sp.	1
<i>Corymbia hamersleyana</i>	2
<i>Crotalaria medicaginea</i> var . <i>neglecta</i>	1
<i>Cullen leucanthum</i>	n
<i>Eragrostis eriopoda</i>	1
<i>Rhagodia eremaea</i>	n
<i>Rhynchosia minima</i>	n
<i>Vachellia farnesiana</i>	1

Phase 1 **Site** A22
Described CW **Date** 10/06/200 **Type:** **Quadrat** 50 x 50 m
MGA Zone 50 K 728662 **mE** 7501007 **mN**
Habitat Flat plain with minor channel.
Soil Red-orange sandy clay with loose Soil
Rock Type
Vegetation *Corymbia hamersleyana* sparse mid woodland, over *Corymbia hamersleyana* and *Acacia inaequilatera* sparse low woodland, over isoalted *Eucalyptus gamophylla* mallee trees, over *Acacia inaequilatera* and *Acacia sclerosperma* sparse tall shrubland, over *Eragrostis eriopoda* and **Cenchrus ciliaris* open tussock grassland, over *Triodia basedowii* sparse hummock grassland.
 Updated,
 Photo:128-1295/6 CW, Flat plain with minor channel.
Veg Condition Good
Fire None
Notes Moderate leaf litter mainly under shrubs, sparse wood litter

Species List:

Name	Cover
<i>Abutilon leucopetalum</i>	1
<i>Acacia adsurgens</i>	1
<i>Acacia inaequilatera</i>	3
<i>Acacia pachyacra</i>	1
<i>Acacia sclerosperma</i>	2
<i>Acacia sericophylla</i>	1
<i>Austrobryonia pilbarensis</i>	1
<i>Bonamia rosea</i>	2
<i>Cenchrus ciliaris</i>	3
<i>Cenchrus setiger</i>	1
<i>Corchorus parviflorus</i>	1
<i>Corymbia hamersleyana</i>	2
<i>Cullen leucochaites</i>	1
<i>Eragrostis eriopoda</i>	3
<i>Eriachne aristidea</i>	2
<i>Eucalyptus gamophylla</i>	1
<i>Euphorbia coghlanii</i>	n
<i>Hakea lorea</i> subsp. <i>lorea</i>	1
<i>Hibiscus sturtii</i> var . <i>platychlamys</i>	2
<i>Sida cardiophylla</i>	1
<i>Sida fibulifera</i>	1
<i>Swainsona formosa</i>	1
<i>Trianthema pilosa</i>	1
<i>Triodia basedowii</i>	2

Phase 1 **Site** A23
Described MH **Date** 5/06/2008 **Type:** **Quadrat** 50 x 50 m
MGA Zone 50 K 729545 **mE** 7501506 **mN**
Habitat Flat plain
Soil Red-orange sandy clay with surface crust and loose Soil
Rock Type
Vegetation *Acacia pachyacra* sparse tall shrubland, over *Acacia ancistrocarpa*, *Corchorus tectus* and *Bonamia rosea* sparse low shrubland, over *Triodia basedowii* hummock grassland. Updated, Photo:1004+5 MH, Flat plain.
Veg Condition Excellent
Fire None evident
Notes Negligible leaf litter, negligible wood litter

Species List:

Name	Cover
<i>Acacia ancistrocarpa</i>	1
<i>Acacia dictyophleba</i>	n
<i>Acacia inaequilatera</i>	n
<i>Acacia pachyacra</i>	2
<i>Acacia pachyacra</i>	2
<i>Bonamia rosea</i>	2
<i>Corchorus tectus</i>	n
<i>Corchorus tectus</i>	2
<i>Eragrostis eriopoda</i>	1
<i>Grevillea wickhamii</i> subsp. <i>hispidula</i>	n
<i>Hakea lorea</i> subsp. <i>lorea</i>	n
<i>Indigofera monophylla</i>	n
<i>Ptilotus astrolasius</i> var . <i>astrolasius</i>	n
<i>Scaevola parvifolia</i> subsp. <i>parvifolia</i>	n
<i>Senna artemisioides</i> subsp. <i>oligophylla</i>	n
<i>Streptoglossa macrocephala</i>	1
<i>Triodia basedowii</i>	4

Phase 1 **Site** A24
Described CW **Date** 6/06/2008 **Type:** **Quadrat** 50 x 50 m
MGA Zone 50 K 731273 **mE** 7501331 **mN**
Habitat Flat plain
Soil red-orange sandy clay with surface crust and loose Soil
Rock Type
Vegetation *Corymbia hamersleyana* and *Acacia aneura* var. *?aneura* open low woodland, over *Acacia synchronicia* sparse mid shrubland, over isolated low shrubs of *Sida fibulifera*, over **Cenchrus setiger* and **Cenchrus ciliaris* open tussock grassland. Updated, Photo: 124-1250 CW, Flat plain.
Veg Condition Poor
Fire Old
Notes Sparse leaf litter mainly under shrubs, sparse wood litter

Species List:

Name	Cover
<i>Acacia aneura</i> var. <i>?aneura</i>	2
<i>Acacia sclerosperma</i> subsp. <i>sclerosperma</i>	1
<i>Acacia synchronicia</i>	3
<i>Aerva javanica</i>	1
<i>Aerva javanica</i>	1
<i>Cenchrus ciliaris</i>	3
<i>Cenchrus setiger</i>	3
<i>Corchorus tectus</i>	1
<i>Corymbia hamersleyana</i>	1
<i>Enneapogon polyphyllus</i>	1
<i>Hakea lorea</i> subsp. <i>lorea</i>	1
<i>Indigofera linnaei</i>	n
<i>Malvastrum americanum</i>	1
<i>Salsola australis</i>	n
<i>Sclerolaena cornishiana</i>	1
<i>Senna artemisioides</i> subsp. <i>oligophylla</i>	1
<i>Sida fibulifera</i>	1
<i>Sida fibulifera</i>	1

Phase 1 **Site** A25
Described MH **Date** 11/06/200 **Type:** **Quadrat** 50 x 50 m
MGA Zone 50 K 730924 **mE** 7499980 **mN**
Habitat Flat/plain, *Triodia* steppe
Soil Red-orange sandy clay
Rock Type Loose Soil, coarse gravel/pebbles
Vegetation *Acacia pachyacra* sparse mid shrubland, over *Bonamia rosea* sparse low shrubland, over *Triodia basedowii* hummock grassland. Updated, Photo: 1097+98 MH, Flat plain/*Triodia* steppe.
Veg Condition Good
Fire None evident
Notes Sparse leaf litter, mainly under shrubs, neg wood litter.

Species List:

Name	Cover
<i>Acacia ancistrocarpa</i>	2
<i>Acacia aneura</i> var. <i>aneura</i>	n
<i>Acacia pachyacra</i>	2
<i>Bonamia rosea</i>	2
<i>Corchorus tectus</i>	n
<i>Dicrastylis cordifolia</i>	n
<i>Eragrostis eriopoda</i>	1
<i>Gossypium australe</i>	n
<i>Hakea lorea</i> subsp. <i>lorea</i>	n
<i>Hibiscus sturtii</i> var . <i>platychlamys</i>	n
<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>	n
<i>Sida arenicola</i>	n
<i>Sida cardiophylla</i>	n
<i>Triodia basedowii</i>	4

Phase 1 **Site** A26
Described CW **Date** 10/06/200 **Type:** **Quadrat** 50 x 50 m
MGA Zone **50 K** 729505 **mE** 7498978 **mN**
Habitat Flat/plain, creek bed, creek bank, river bed, small channel, bed and banks, quite grown on bed
Soil Red-orange sandy clay
Rock Type Loose Soil, coarse gravel/pebbles
Vegetation Isolated low trees of *Corymbia hamersleyana*, over *Eucalyptus gamophylla* open low mallee woodland, over *Grevillea wickhamii* subsp. *hispidula* and *Acacia tumida* open tall shrubland, over *Indigofera monophylla*, *Tephrosia rosea* var. *glabrior* and *Acacia pachyacra* open low shrubland, over **Cenchrus ciliaris* and **Cenchrus setiger* sparse tussock grassland. Updated, Photo: 128-1292
CW, Flat/plain, creek bed, creek bank, river bed, small channel, bed and banks, quite grown on bed.
Veg Condition Poor (adjacent to drill site, weeds)
Fire None evident
Notes Sparse leaf and wood litter, mainly under shrubs.

Species List:

Name	Cover
<i>Acacia ancistrocarpa</i>	1
<i>Acacia pachyacra</i>	2
<i>Acacia pyrifolia</i> var . <i>morrisonii</i>	1
<i>Acacia tumida</i>	3
<i>Atalaya hemiglauca</i>	1
<i>Bonamia rosea</i>	2
<i>Cenchrus ciliaris</i>	2
<i>Cenchrus setiger</i>	2
<i>Corchorus lasiocarpus</i> subsp. <i>lasiocarpus</i>	1
<i>Corchorus parviflorus</i>	1
<i>Corymbia hamersleyana</i>	1
<i>Cullen leucochaetes</i>	1
<i>Duperreya commixta</i>	1
<i>Eriachne pulchella</i>	1
<i>Eucalyptus gamophylla</i>	2
<i>Euphorbia coghlanii</i>	1
<i>Goodenia stobbsiana</i>	1
<i>Gossypium australe</i>	1
<i>Gossypium robinsonii</i>	1
<i>Grevillea wickhamii</i> subsp. <i>hispidula</i>	3
<i>Hybanthus aurantiacus</i>	1
<i>Indigofera monophylla</i>	3
<i>Mollugo molluginea</i>	1
<i>Petalostylis labicheoides</i>	2
<i>Polycarpaea longiflora</i>	2
<i>Ptilotus obovatus</i> var . <i>obovatus</i>	1
<i>Senna artemisioides</i> subsp. <i>helmsii</i>	1
<i>Senna glutinosa</i> subsp. ?	1
<i>Sida</i> sp. <i>articulation below</i> (A.A. Mitchell PRP 1605)	1
<i>Solanum lasiophyllum</i>	1
<i>Solanum phlomoides</i>	n
<i>Tephrosia rosea</i> var . <i>glabrior</i>	3
<i>Themeda triandra</i>	1
<i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i>	1
<i>Waltheria indica</i>	1

Phase 1 **Site** A27
Described MH **Date** 12/06/200 **Type:** **Quadrat** 50 x 50 m
MGA Zone **50 K** 730709 **mE** 7498860 **mN**
Habitat Flat/plain, footslope
Soil Red-orange sandy clay
Rock Type Loose Soil, stones
Vegetation *Eucalyptus gamophylla* low mallee woodland, over *Scaevola spinescens* sparse low shrubland, over *Triodia basedowii* hummock grassland. Updated, Photo: 1101+02 MH, Flat/plain, footslope.
Veg Condition Excellent (grazing, weeds)
Fire None evident
Notes Moderate leaf litter, sparse wood litter, mainly under shrubs.
 Sandy plain at base of hill, patches of rocks.

Species List:

Name	Cover
<i>Acacia ancistrocarpa</i>	1
<i>Acacia elachantha</i>	1
<i>Acacia pachyacra</i>	1
<i>Acacia pruinocarpa</i>	n
<i>Acacia spondylophylla</i>	n
<i>Bonamia rosea</i>	1
<i>Cenchrus ciliaris</i>	1
<i>Chrysopogon fallax</i>	n
<i>Corchorus tectus</i>	n
<i>Dicrastylis cordifolia</i>	n
<i>Eragrostis eriopoda</i>	1
<i>Eremophila longifolia</i>	n
<i>Eucalyptus gamophylla</i>	3
<i>Gossypium australe</i>	1
<i>Hakea lorea</i> subsp. <i>lorea</i>	n
<i>Hakea lorea</i> subsp. <i>lorea</i>	n
<i>Hibiscus sturtii</i> var . <i>platychlamys</i>	n
<i>Hybanthus aurantiacus</i>	1
<i>Mollugo molluginea</i>	n
<i>Ptilotus astrolasius</i> var . <i>astrolasius</i>	n
<i>Ptilotus helipteroides</i> var . <i>helipteroides</i>	n
<i>Santalum lanceolatum</i>	n
<i>Scaevola parvifolia</i> subsp. <i>parvifolia</i>	1
<i>Scaevola spinescens</i>	2
<i>Senna artemisioides</i> subsp. <i>oligophylla</i>	n
<i>Senna glutinosa</i> subsp. x <i>luerssenii</i>	n
<i>Sida arenicola</i>	n
<i>Sida fibulifera</i>	n
<i>Solanum lasiophyllum</i>	n
<i>Triodia basedowii</i>	4
<i>Triodia epactia</i>	n

Phase 1 **Site** A28
Described CW **Date** 12/06/200 **Type:** **Quadrat** 50 x 50 m
MGA Zone **50 K** 730799 **mE** 7498102 **mN**
Habitat Flat/plain, Triodia steppe (w Cenchrus)
Soil Red-orange sandy clay
Rock Type Loose Soil, coarse gravel/pebbles
Vegetation *Grevillea wickhamii* subsp. *hispidula* and *Acacia inaequilatera* open tall shrubland, over isolated low shrubs of *Senna artemisioides* subsp. *oligophylla* and *Indigofera monophylla*, over **Cenchrus ciliaris* and *Eragrostis eriopoda* open tussock grassland, over *Triodia basedowii* and *Triodia epactia* open hummock grassland. Updated, Photo: 130-1315 CW, Flat/plain, *Triodia* steppe (with *Cenchrus*).
Veg Condition Poor (drill sites and weeds)
Fire None evident
Notes Neg leaf and wood litter.

Species List:

Name	Cover
<i>Acacia citrinoviridis</i>	1
<i>Acacia inaequilatera</i>	3
<i>Acacia spondylophylla</i>	1
<i>Acacia tumida</i>	1
<i>Aristida holathera</i> var . <i>holathera</i>	n
<i>Boerhavia ?gardneri</i>	1
<i>Cenchrus ciliaris</i>	3
<i>Cenchrus setiger</i>	2
<i>Corchorus tectus</i>	1
<i>Dicrastylis cordifolia</i>	1
<i>Eragrostis eriopoda</i>	2
<i>Gomphrena cunninghamii</i>	1
<i>Gossypium australe</i>	1
<i>Gossypium robinsonii</i>	1
<i>Grevillea wickhamii</i> subsp. <i>hispidula</i>	3
<i>Hibiscus sturtii</i> var. <i>platyklamys</i>	1
<i>Hybanthus aurantiacus</i>	1
<i>Indigofera monophylla</i>	1
<i>Mollugo molluginea</i>	1
<i>Ptilotus obovatus</i> var . <i>obovatus</i>	1
<i>Ptilotus polystachyus</i> var . <i>arthrotrichus</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>	n
<i>Tephrosia rosea</i> var . <i>glabrior</i>	1
<i>Trianthema pilosa</i>	1
<i>Triodia basedowii</i>	3
<i>Triodia epactia</i>	3

Phase 1 **Site** A29
Described MH **Date** 9/06/2008 **Type:** **Quadrat** 50 x 50 m
MGA Zone **50 K** 733534 **mE** 7496787 **mN**
Habitat Flat/plain
Soil Red-orange sandy clay
Rock Type Surface crust, loose Soil (50/50)
Vegetation Isolated low trees of *Corymbia hamersleyana*, over *Acacia inaequilatera* sparse tall shrubland, over *Petalostylis cassioides* open mid shrubland, over *Bonamia rosea* and *Corchorus tectus* low sparse shrubland, over *Triodia basedowii* hummock grassland. Updated, Photo: 1041+42 MH, Flat plain.
Veg Condition Good (tracks, grazing, weeds)
Fire None evident
Notes Sparse leaf litter, moderate wood litter, widespread.
 Sandy clay plain.

Species List:

Name	Cover
<i>Acacia dictyophleba</i>	1
<i>Acacia inaequilatera</i>	3
<i>Acacia pachyacra</i>	2
<i>Acacia synchronicia</i>	n
<i>Aristida holathera</i> var . <i>holathera</i>	1
<i>Aristida inaequiglumis</i>	n
<i>Bonamia rosea</i>	2
<i>Cenchrus ciliaris</i>	1
<i>Corchorus tectus</i>	1
<i>Corymbia hamersleyana</i>	1
<i>Dicrastylis cordifolia</i>	1
<i>Eragrostis eriopoda</i>	1
<i>Gossypium australe</i>	n
<i>Hakea chordophylla</i>	n
<i>Petalostylis cassioides</i>	3
<i>Ptilotus astrolasius</i> var . <i>astrolasius</i>	n
<i>Scaevola parvifolia</i> subsp. <i>parvifolia</i>	n
<i>Sida cardiophylla</i>	n
<i>Solanum lasiophyllum</i>	n
<i>Triodia basedowii</i>	4

Phase 1 **Site** A30
Described MH **Date** 12/06/200 **Type:** **Quadrat** 50 x 50 m
MGA Zone **50 K** 731957 **mE** 7497731 **mN**
Habitat Flat/plain, footslope
Soil Red-orange sandy clay
Rock Type Loose Soil
Vegetation Isolated low trees of *Corymbia hamersleyana*, over *Eucalyptus gamophylla* open mallee woodland, over *Acacia inaequilatera* tall sparse shrubland, over *Bonamia rosea* sparse low shrubland, over **Cenchrus ciliaris* sparse tussock grassland, over *Triodia basedowii* hummock grassland. Updated, Photo: 1099+100 MH, Flat plain/footslope.
Veg Condition Good (grazing, weeds)
Fire None evident
Notes Moderate leaf litter, sparse wood litter, mainly under shrubs.
 Sandy clay plain, very straight footslope.

Species List:

Name	Cover
<i>Acacia dictyophleba</i>	n
<i>Acacia inaequilatera</i>	3
<i>Acacia pachyacra</i>	1
<i>Aristida inaequiglumis</i>	n
<i>Bonamia rosea</i>	2
<i>Cenchrus ciliaris</i>	2
<i>Corchorus tectus</i>	n
<i>Corymbia hamersleyana</i>	1
<i>Cymbopogon obtectus</i>	n
<i>Dicrastylis cordifolia</i>	n
<i>Duperreya commixta</i>	n
<i>Eragrostis eriopoda</i>	1
<i>Eremophila forrestii</i>	n
<i>Eucalyptus gamophylla</i>	2
<i>Gossypium australe</i>	1
<i>Hakea lorea</i> subsp. <i>lorea</i>	n
<i>Hibiscus sturtii</i> var . <i>platychlamys</i>	n
<i>Mollugo molluginea</i>	n
<i>Petalostylis cassioides</i>	n
<i>Ptilotus obovatus</i> var . <i>obovatus</i>	n
<i>Scaevola parvifolia</i> subsp. <i>parvifolia</i>	n
<i>Senna artemisioides</i> subsp. <i>oligophylla</i>	n
<i>Sida arenicola</i>	n
<i>Sida cardiophylla</i>	n
<i>Sida fibulifera</i>	1
<i>Solanum lasiophyllum</i>	n
<i>Triodia basedowii</i>	4

Phase 1 **Site** A31
Described MH **Date** 9/06/2008 **Type:** **Quadrat** 50 x 50 m
MGA Zone 50 K 734360 **mE** 7496195 **mN**
Habitat Flat/plain, floodplain
Soil Red-orange sandy clay
Rock Type Surface crust
Vegetation Isolated low trees of *Corymbia hamersleyana*, over *Acacia dictyophleba* and *Acacia ancistrocarpa* open tall shrubland, over **Cenchrus ciliaris* open tussock grassland, over *Triodia basedowii* open hummock grassland. Updated, Photo: 1043+44 MH, Flat/plain, floodplain.
Veg Condition Good (grazing, weeds)
Fire None evident
Notes Moderate leaf litter, widespread, neg wood litter.

Species List:

Name	Cover
<i>Acacia ancistrocarpa</i>	1
<i>Acacia dictyophleba</i>	3
<i>Acacia pruinocarpa</i>	n
<i>Acacia pyrifolia</i> var . <i>morrisonii</i>	n
<i>Acacia tumida</i> var . <i>pilbarensis</i>	2
<i>Cenchrus ciliaris</i>	3
<i>Cenchrus setiger</i>	1
<i>Corchorus tectus</i>	1
<i>Corymbia hamersleyana</i>	1
<i>Cullen leucochaetes</i>	n
<i>Eragrostis eriopoda</i>	2
<i>Gossypium robinsonii</i>	n
<i>Indigofera monophylla</i>	n
<i>Rhagodia eremaea</i>	n
<i>Senna artemisioides</i> subsp. <i>helmsii</i>	n
<i>Senna artemisioides</i> subsp. <i>oligophylla</i> x <i>helmsii</i>	n
<i>Tephrosia rosea</i> var . <i>glabrator</i>	n
<i>Triodia basedowii</i>	3

Phase 1 **Site** A32
Described CW **Date** 12/06/200 **Type:** **Quadrat** 50 x 50 m
MGA Zone **50 K** 732365 **mE** 7496584 **mN**
Habitat Flat/plain, Triodia steppe
Soil Red-orange sandy clay
Rock Type Fine gravel, loose Soil
Vegetation *Grevillea wickhamii* subsp. *hispidula* and *Hakea chordophylla* low woodland, over *Acacia ancistrocarpa* and *Grevillea wickhamii* subsp. *hispidula* tall sparse shrubland, over *Senna artemisioides* subsp. *oligophylla* sparse low shrubland, over *Aristida holathera* var. *holathera* sparse tussock grassland, over *Triodia basedowii* open hummock grassland. Updated, Photo: 130-1314 CW, Flat/plain, *Triodia* steppe.
Veg Condition Good (weeds, drill sites)
Fire None evident
Notes Sparse leaf litter, neg wood litter, mainly under shrubs.

Species List:

Name	Cover
<i>Acacia ancistrocarpa</i>	2
<i>Acacia dictyophleba</i>	1
<i>Acacia inaequilatera</i>	1
<i>Acacia pachyacra</i>	1
<i>Acacia spondylophylla</i>	1
<i>Acacia tumida</i>	1
<i>Aristida holathera</i> var. <i>holathera</i>	2
<i>Bonamia rosea</i>	1
<i>Corchorus tectus</i>	1
<i>Dicrastylis cordifolia</i>	1
<i>Eragrostis eriopoda</i>	1
<i>Gomphrena cunninghamii</i>	2
<i>Gossypium australe</i>	1
<i>Gossypium robinsonii</i>	1
<i>Grevillea wickhamii</i> subsp. <i>hispidula</i>	3
<i>Hakea chordophylla</i>	2
<i>Hybanthus aurantiacus</i>	1
<i>Indigofera monophylla</i>	n
<i>Mollugo molluginea</i>	1
<i>Ptilotus calostachyus</i> var. <i>calostachyus</i>	n
<i>Scaevola parvifolia</i> subsp. <i>parvifolia</i>	1
<i>Senna artemisioides</i> subsp. <i>oligophylla</i>	2
<i>Sida arenicola</i>	1
<i>Solanum phlomoides</i>	n
<i>Tephrosia</i> sp. Bungaroo Creek (M.E. Trudgen 11601)	n
<i>Triodia basedowii</i>	3

Phase 1 **Site** A33
Described CW **Date** 9/06/2008 **Type:** **Quadrat** 50 x 50 m
MGA Zone 50 K 733629 mE 7499695 mN
Habitat Flat/plain
Soil Red-orange sandy clay
Rock Type Surface crust, loose Soil
Vegetation *Acacia aneura* var. ?*aneura* low woodland, over **Cenchrus ciliaris* and **Cenchrus setiger* open tussock grassland. Updated, Photo: 127-1276 CW, Flat/plain.
Veg Condition Poor (Buffel and cattle)
Fire None evident
Notes Neg leaf litter, sparse wood litter.
 Heavily grazed!

Species List:

Name	Cover
<i>Abutilon dioicum</i>	1
<i>Acacia ?aneura</i>	2
<i>Acacia aneura</i> var. ?	2
<i>Acacia aneura</i> var. ? <i>aneura</i>	3
<i>Acacia citrinoviridis</i>	1
<i>Acacia citrinoviridis</i>	n
<i>Amyema ?fitzgeraldii</i>	1
<i>Aristida contorta</i>	n
<i>Blumea tenella</i>	n
<i>Boerhavia gardneri</i>	1
<i>Cenchrus ciliaris</i>	3
<i>Cenchrus setiger</i>	3
<i>Chrysopogon fallax</i>	1
<i>Cleome viscosa</i>	1
<i>Dactyloctenium radulans</i>	n
<i>Enneapogon polyphyllus</i>	1
<i>Enteropogon ramosus</i>	n
<i>Eragrostis eriopoda</i>	1
<i>Eulalia aurea</i>	1
<i>Indigofera colutea</i>	n
<i>Ipomoea muelleri</i>	n
<i>Sclerolaena cornishiana</i>	1

Phase 1 **Site** A34
Described MH **Date** 7/06/2008 **Type:** **Quadrat** 50 x 50 m
MGA Zone 50 K 732055 **mE** 7504106 **mN**
Habitat Flat/plain
Soil Red-orange sandy clay
Rock Type Surface crust, loose Soil
Vegetation *Acacia aneura* var. *?aneura* low woodland, over isolated mid shrubs of *Acacia synchronicia* , over
 **Cenchrus ciliaris* tussock grassland. Updated, Photo: 1017+18 MH, Flat/plain.
Veg Condition Poor (tracks, grazing, weeds)
Fire None evident
Notes Sparse leaf litter, plentiful wood litter, widespread.
 Sandy/crusty plain, very low diversity.

Species List:

Name	Cover
<i>Acacia aneura</i> var . <i>?aneura</i>	3
<i>Acacia inaequilatera</i>	n
<i>Acacia synchronicia</i>	1
<i>Boerhavia repleta</i>	1
<i>Cenchrus ciliaris</i>	4
<i>Cleome viscosa</i>	1
<i>Enneapogon polyphyllus</i>	1
<i>Enteropogon ramosus</i>	1
<i>Senna artemisioides</i> subsp.	
<i>oligophylla</i>	n

Phase 1 **Site** A35
Described MH **Date** 7/06/2008 **Type:** **Quadrat** 50 x 50 m
MGA Zone 50 K 732154 **mE** 7503431 **mN**
Habitat Flat/plain, floodplain
Soil Red-orange sandy clay
Rock Type Surface crust, loose Soil (20%)
Vegetation Isolated low trees of *Acacia aneura* var. ?, over *Acacia sclerosperma* subsp. *sclerosperma* sparse tall shrubland, over *Acacia sclerosperma* subsp. *sclerosperma* and *Acacia synchronicia* low open shrubland, over **Cenchrus ciliaris* and *Chrysopogon fallax* tussock grassland. Updated, Photo: 1019+20 MH, Flat/plain, floodplain.
Veg Condition Poor (grazing, weeds)
Fire None evident
Notes Sparse leaf litter, moderate wood litter, mainly under shrubs.
 Sandy/crusty plain, few ferrous rocks.

Species List:

Name	Cover
<i>Acacia aneura</i> var . ?	n
<i>Acacia citrinoviridis</i>	n
<i>Acacia inaequilatera</i>	1
<i>Acacia pruinocarpa</i>	n
<i>Acacia sclerosperma</i> subsp.	
<i>sclerosperma</i>	2
<i>Acacia synchronicia</i>	2
<i>Cenchrus ciliaris</i>	3
<i>Cenchrus setiger</i>	2
<i>Chrysopogon fallax</i>	3
<i>Enneapogon polyphyllus</i>	2
<i>Hakea lorea</i> subsp. <i>lorea</i>	n
<i>Ptilotus obovatus</i> var . <i>obovatus</i>	1
<i>Rhagodia eremaea</i>	n
<i>Rhynchosia minima</i>	1
<i>Senna artemisioides</i> subsp. <i>oligophylla</i>	n
<i>Sida fibulifera</i>	1
<i>Solanum lasiophyllum</i>	n
<i>Vachellia farnesiana</i>	n

Phase 1 **Site** A36
Described MH **Date** 7/06/2008 **Type:** **Quadrat** 50 x 50 m
MGA Zone **50 K** 732809 **mE** 7502352 **mN**
Habitat Flat/plain
Soil Red-orange sandy clay
Rock Type Surface crust, loose Soil (20%)
Vegetation Isolated low trees of *Hakea lorea* subsp. *lorea* , over *Acacia synchronicia* open tall shrubland, over *Sclerolaena cornishiana* and *Sida fibulifera* sparse low shrubland, over *Eulalia aurea* open tussock grassland. Updated, Photo:1025+26 MH, Flat/plain, (no photo, see Q48).
Veg Condition Good (tracks, grazing, weeds)
Fire None evident
Notes Moderate leaf litter, moderate wood litter, widespread.
 Syncro - clay pan.

Species List:

Name	Cover
<i>Acacia inaequilatera</i>	n
<i>Acacia synchronicia</i>	3
<i>Acacia tetragonophylla</i>	n
<i>Aristida contorta</i>	1
<i>Boerhavia repleta</i>	n
<i>Cenchrus ciliaris</i>	4
<i>Chrysopogon fallax</i>	2
<i>Cleome viscosa</i>	n
<i>Corchorus tectus</i>	2
<i>Crotalaria medicaginea</i> var . <i>neglecta</i>	n
<i>Enneapogon polyphyllus</i>	1
<i>Enteropogon ramosus</i>	n
<i>Eremophila lanceolata</i>	n
<i>Eulalia aurea</i>	3
<i>Hakea lorea</i> subsp. <i>lorea</i>	1
<i>Rhagodia eremaea</i>	1
<i>Rhynchosia minima</i>	1
<i>Salsola australis</i>	n
<i>Sclerolaena cornishiana</i>	2
<i>Sida fibulifera</i>	2
<i>Sida fibulifera</i>	n
<i>Solanum lasiophyllum</i>	n
<i>Tephrosia ?virens</i>	n

Phase 1 **Site** A37
Described CW **Date** 7/06/2008 **Type:** **Quadrat** 50 x 50 m
MGA Zone 50 K 735010 **mE** 7502135 **mN**
Habitat Flat/plain, Mulga band
Soil Red-orange sandy clay
Rock Type Surface crust, loose Soil
Vegetation *Acacia aneura* var. ?*aneura* low woodland, over **Cenchrus ciliaris* sparse tussock grassland.
Updated,
 Photo: 1253+54 CW, Flat/plain, Mulga band.
Veg Condition Poor (cattle)
Fire Not specified
Notes Neg leaf litter, mod wood litter.

Species List:

Name	Cover
<i>Abutilon lepidum</i>	1
<i>Acacia aneura</i> var . ? <i>aneura</i>	4
<i>Acacia citrinoviridis</i>	1
<i>Acacia inaequilatera</i>	1
<i>Acacia synchronicia</i>	1
<i>Austrobryonia pilbarensis</i>	2
<i>Boerhavia coccinea</i>	1
<i>Cenchrus setiger</i>	2
<i>Chrysopogon fallax</i>	n
<i>Cleome viscosa</i>	1
<i>Enneapogon polyphyllus</i>	n
<i>Enteropogon ramosus</i>	1
<i>Eremophila lanceolata</i>	1
<i>Eulalia aurea</i>	1
<i>Evolvulus alsinoides</i> var .	
<i>villosicalyx</i>	n
<i>Ipomoea muelleri</i>	1
<i>Malvastrum americanum</i>	1
<i>Psyrax latifolia</i>	1
<i>Pterocaulon sphaeranthoides</i>	1
<i>Pterocaulon sphaeranthoides</i>	1
<i>Ptilotus exaltatus</i> var . <i>exaltatus</i>	1
<i>Ptilotus gomphrenoides</i>	t
<i>Rhynchosia minima</i>	2
<i>Sclerolaena cornishiana</i>	n
<i>Vachellia farnesiana</i>	1

Phase 1 **Site** A38
Described MH **Date** 8/06/2008 **Type:** **Quadrat** 50 x 50 m
MGA Zone **50 K** 735509 **mE** 7501121 **mN**
Habitat Flat/plain
Soil Red-orange sandy clay
Rock Type Surface crust, loose Soil (20%)
Vegetation *Acacia aneura* var. *aneura* low woodland, over *Acacia synchronicia* and *Acacia aneura* var. *aneura*
open mid shrubland, over *Sclerolaena cornishiana* open low shrubland, over **Cenchrus ciliaris* open
tussock grassland. Updated, Photo: 1027+28 MH, Flat/plain.
Veg Condition Good (tracks, grazing, weeds)
Fire None evident
Notes Sparse leaf litter, moderate wood litter, widespread.
Synchro crusty plain / clay pan.

Species List:

Name	Cover
<i>Abutilon ?fraseri</i>	n
<i>Acacia aneura</i> var . <i>aneura</i>	3
<i>Acacia inaequilatera</i>	n
<i>Acacia synchronicia</i>	3
<i>Aristida contorta</i>	1
<i>Atalaya hemiglauca</i>	n
<i>Cenchrus ciliaris</i>	3
<i>Cenchrus setiger</i>	2
<i>Chrysopogon fallax</i>	n
<i>Cleome viscosa</i>	1
<i>Corchorus tectus</i>	1
<i>Enneapogon polyphyllus</i>	2
<i>Enneapogon polyphyllus</i>	2
<i>Enteropogon ramosus</i>	2
<i>Eragrostis setifolia</i>	n
<i>Eremophila lanceolata</i>	n
<i>Hakea lorea</i> subsp. <i>lorea</i>	n
<i>Hakea lorea</i> subsp. <i>lorea</i>	n
<i>Hibiscus sturtii</i> var . <i>platyklamys</i>	n
<i>Perotis rara</i>	2
<i>Portulaca oleracea</i>	1
<i>Ptilotus obovatus</i> var . <i>obovatus</i>	n
<i>Sclerolaena cornishiana</i>	3
<i>Senna artemisioides</i> subsp. <i>oligophylla</i>	1
<i>Senna notabilis</i>	2
<i>Sida fibulifera</i>	2
<i>Sporobolus australasicus</i>	2

Phase 1 **Site** A39
Described CW **Date** 7/06/2008 **Type:** **Quadrat** 50 x 50 m
MGA Zone 50 K 733933 **mE** 7501040 **mN**
Habitat Flat/plain, Ac pru/(4) Cenchrus flat plain
Soil Red-orange sandy clay
Rock Type Surface crust, loose Soil
Vegetation *Acacia citrinoviridis* and *Hakea lorea* subsp. *lorea* low open woodland, over isoalted mid shrubs of *Acacia citrinoviridis* and *Acacia synchronicia* , over **Cenchrus setiger* and **Cenchrus ciliaris* closed tussock grassland. Updated, Photo: ?? CW, Flat/plain, Ac pru/(4) Cenchrus flat plain.
Veg Condition Poor (4 weeds)
Fire Old (>5 yrs)
Notes Neg leaf litter, sparse wood litter.

Species List:

Name	Cover
<i>Acacia citrinoviridis</i>	2
<i>Acacia synchronicia</i>	1
<i>Cenchrus ciliaris</i>	4
<i>Cenchrus setiger</i>	4
<i>Chrysopogon fallax</i>	2
<i>Eucalyptus victrix</i>	1
<i>Hakea lorea</i> subsp. <i>lorea</i>	1
<i>Senna artemisioides</i> subsp. <i>oligophylla</i> x <i>helmsii</i>	n

Phase 1 **Site** A40
Described CW **Date** 7/06/2008 **Type:** **Quadrat** 50 x 50 m
MGA Zone **50 K** 736101 **mE** 7502151 **mN**
Habitat Flat/plain
Soil Red-orange sandy clay
Rock Type Surface crust (20%), loose Soil (80%)
Vegetation *Acacia citrinoviridis* mid woodland, over *Acacia aneura* var. ?*aneura* low woodland, over *Sclerolaena cornishiana* sparse low shrubland, over **Cenchrus setiger* and **Cenchrus ciliaris* open grassland.
Updated, Photo: 125-1251 CW, Flat/plain.
Veg Condition Poor (cattle, weeds)
Fire Old (>5 yrs)
Notes Moderate leaf litter, widespread.
 Heavily grazed - bad specimens !

Species List:

Name	Cover
<i>Abutilon lepidum</i>	1
<i>Acacia aneura</i> var. ? <i>aneura</i>	3
<i>Acacia citrinoviridis</i>	3
<i>Acacia inaequilatera</i>	n
<i>Acacia synchronicia</i>	2
<i>Aristida contorta</i>	1
<i>Aristida latifolia</i>	1
<i>Boerhavia coccinea</i>	1
<i>Cenchrus ciliaris</i>	3
<i>Cenchrus setiger</i>	3
<i>Chrysopogon fallax</i>	1
<i>Cleome viscosa</i>	1
<i>Dactyloctenium radulans</i>	n
<i>Enneapogon polyphyllus</i>	2
<i>Enteropogon ramosus</i>	2
<i>Eragrostis eriopoda</i>	1
<i>Eragrostis leptocarpa</i>	1
<i>Eragrostis setifolia</i>	1
<i>Eremophila lanceolata</i>	1
<i>Evolvulus alsinoides</i> var. <i>villosicalyx</i>	1
<i>Ipomoea muelleri</i>	n
<i>Malvastrum americanum</i>	2
<i>Perotis rara</i>	1
<i>Portulaca oleracea</i>	1
<i>Ptilotus gomphrenoides</i>	n
<i>Salsola australis</i>	n
<i>Sclerolaena cornishiana</i>	2
<i>Senna notabilis</i>	n
<i>Sida fibulifera</i>	n
<i>Solanum sturtianum</i>	n
<i>Sporobolus australasicus</i>	1
<i>Triraphis mollis</i>	1
<i>Vachellia farnesiana</i>	1

Phase 1 **Site** A41
Described MH **Date** 8/06/2008 **Type:** **Quadrat** 50 x 50 m
MGA Zone **50 K** 737484 **mE** 7501609 **mN**
Habitat Flat/plain
Soil Red-orange sandy clay
Rock Type Surface crust
Vegetation *Acacia aneura* var. ? *macrocarpa* low closed forest, over *Abutilon lepidioicum* and *Pterocaulon*
? *serrulatum* open low shrubland, over *Chloris pectinata* and *Perotis rara* tussock grassland. Updated,
Photo: 1033+34 MH, Flat/plain.
Veg Condition Poor (tracks, grazing, weeds)
Fire None evident
Notes Moderate leaf litter, neg wood litter, widespread.
Clay pan.

Species List:

Name	Cover
<i>Abutilon dioicum</i>	3
<i>Acacia aneura</i> var . ? <i>macrocarpa</i>	4
<i>Blumea tenella</i>	n
<i>Calandrinia</i> sp.	1
<i>Cenchrus ciliaris</i>	2
<i>Centipeda minima</i> subsp. <i>macrocephala</i>	n
<i>Chenopodium melanocarpum</i>	n
<i>Chloris virgata</i>	2
<i>Chrysopogon fallax</i>	3
<i>Enneapogon polyphyllus</i>	1
<i>Enteropogon ramosus</i>	3
<i>Eragrostis xerophila</i>	1
<i>Eremophila lanceolata</i>	n
<i>Evolvulus alsinoides</i> var . <i>villosicalyx</i>	1
<i>Gomphrena canescens</i>	n
<i>Malvastrum americanum</i>	2
<i>Nicotiana occidentalis</i>	2
<i>Perotis rara</i>	2
<i>Portulaca oleracea</i>	1
<i>Pterocaulon</i> ? <i>serrulatum</i>	2
<i>Ptilotus gomphrenoides</i>	1
<i>Ptilotus obovatus</i> var . <i>obovatus</i>	n
<i>Ptilotus polystachyus</i> var . <i>longistachyus</i>	n
<i>Rhynchosia minima</i>	n
<i>Salsola australis</i>	n
<i>Senna notabilis</i>	1
<i>Sida fibulifera</i>	n

Phase 1 **Site** A42
Described MH **Date** 7/06/2008 **Type:** **Quadrat** 50 x 50 m
MGA Zone **50 K** 736954 **mE** 7500731 **mN**
Habitat Flat/plain
Soil Red-orange sandy clay
Rock Type Surface crust
Vegetation Isolated low trees of *Acacia aneura* var. *aneura*, over *Acacia synchronicia* open tall shrubland, over *Sclerolaena cornishiana* and *Senna artemisioides* subsp. *helmsii* sparse low shrubland, over *Chrysopogon fallax* and *Enteropogon ramosus* open tussock grassland. Updated, Photo: 1025+26 MH, Flat/plain.
Veg Condition Poor (tracks, grazing, weeds)
Fire None evident
Notes Sparse leaf litter, moderate wood litter, mainly under shrubs.
 Synchro clay pan.

Species List:

Name	Cover
<i>Acacia aneura</i> var . <i>aneura</i>	1
<i>Acacia synchronicia</i>	3
<i>Aristida contorta</i>	2
<i>Aristida inaequiglumis</i>	1
<i>Cenchrus ciliaris</i>	1
<i>Chrysopogon fallax</i>	3
<i>Cleome viscosa</i>	1
<i>Enteropogon ramosus</i>	2
<i>Eragrostis setifolia</i>	2
<i>Eremophila lanceolata</i>	1
<i>Eulalia aurea</i>	2
<i>Gossypium australe</i>	n
<i>Hibiscus sturtii</i> var .	
<i>campylochlamys</i>	n
<i>Maireana villosa</i>	n
<i>Portulaca oleracea</i>	n
<i>Pterocaulon sphaeranthoides</i>	n
<i>Rhagodia eremaea</i>	n
<i>Rhynchosia minima</i>	2
<i>Sclerolaena cornishiana</i>	2
<i>Senna artemisioides</i> subsp. <i>helmsii</i>	2
<i>Sida fibulifera</i>	2
<i>Sida platycalyx</i>	n
<i>Sporobolus australasicus</i>	1

Phase 1 Site A43
 Described CW Date 8/06/2008 Type: Quadrat 50 x 50 m
 Seaso Uniformit

Location

MGA Zone 50 K 737524 mE 7499296 mN

Habitat Flat/plain

Soil Red-orange sandy clay

Rock Type Surface crust, loose Soil, coarse gravel/pebbles

Vegetation Isolated low trees of *Acacia pruinocarpa*, over *Acacia synchronicia* sparse tall shrubland, over *Acacia synchronicia* and *Acacia pruinocarpa* sparse mid shrubland, over *Sclerolaena cornishiana* low open shrubland, over *Aristida contorta* and *Enneapogon polyphyllus* sparse tussock grassland. Updated, Photo: 126-12 CW, Flat/plain.

Veg Condition Poor (cattle, weeds)

Fire None evident

Notes Neg leaf and wood litter.

Species List:

Name	Cover
<i>Acacia aneura</i> var . ?	n
<i>Acacia pruinocarpa</i>	1
<i>Acacia synchronicia</i>	2
<i>Aristida contorta</i>	2
<i>Aristida latifolia</i>	1
<i>Boerhavia coccinea</i>	1
<i>Cenchrus ciliaris</i>	1
<i>Cleome viscosa</i>	2
<i>Corchorus tectus</i>	1
<i>Corchorus tectus</i>	1
<i>Dactyloctenium radulans</i>	n
<i>Enneapogon polyphyllus</i>	1
<i>Eragrostis setifolia</i>	n
<i>Hibiscus sturtii</i> var . <i>platychlamys</i>	1
<i>Sclerolaena cornishiana</i>	2
<i>Senna artemisioides</i> subsp. <i>oligophylla</i>	n
<i>Senna notabilis</i>	n
<i>Sida echinocarpa</i>	1
<i>Solanum lasiophyllum</i>	n
<i>Sporobolus australasicus</i>	n
<i>Tephrosia supina</i>	n
<i>Tephrosia supina</i>	1

Phase 1 **Site** A44
Described MH **Date** 8/06/2008 **Type:** **Quadrat** 50 x 50 m
MGA Zone **50 K** 736198 **mE** 7499181 **mN**
Habitat Flat/plain
Soil Red-orange sandy clay
Rock Type Surface crust
Vegetation *Acacia aneura* var. *aneura* and *Acacia pruinocarpa* low woodland, over isolated tall shrubs of *Acacia sclerosperma* , over isolated mid shrubs of *Acacia pruinocarpa* and *Acacia aneura* var. *aneura*, over *Sclerolaena cornishiana* sparse low shrubland, over **Cenchrus ciliaris* and *Chrysopogon fallax* open tussock grassland. Updated, Photo: 1031+32 MH, Flat/plain.
Veg Condition Good (tracks, grazing, weeds)
Fire None evident
Notes Moderate leaf litter, sparse wood litter, widespread.
 Crusty plain.

Species List:

Name	Cover
<i>Acacia aneura</i> var . <i>aneura</i>	2
<i>Acacia citrinoviridis</i>	n
<i>Acacia inaequilatera</i>	n
<i>Acacia pruinocarpa</i>	1
<i>Acacia sclerosperma</i> subsp.	
<i>sclerosperma</i>	1
<i>Acacia synchronicia</i>	1
<i>Acacia tetragonophylla</i>	n
<i>Aristida contorta</i>	1
<i>Cenchrus ciliaris</i>	3
<i>Cenchrus setiger</i>	n
<i>Chrysopogon fallax</i>	2
<i>Enneapogon polyphyllus</i>	1
<i>Enteropogon ramosus</i>	2
<i>Eulalia aurea</i>	2
<i>Gossypium australe</i>	n
<i>Hakea lorea</i> subsp. <i>lorea</i>	n
<i>Portulaca oleracea</i>	1
<i>Rhagodia eremaea</i>	n
<i>Sclerolaena cornishiana</i>	2
<i>Senna glutinosa</i> subsp. <i>glutinosa</i>	1
<i>Sida fibulifera</i>	1

Phase 1 **Site** A45
Described CW **Date** 8/06/2008 **Type:** **Quadrat** 50 x 50 m
MGA Zone 50 K 737663 **mE** 7498365 **mN**
Habitat Flat/plain, banding Mulga - band/bare part
Soil Red-orange sandy clay
Rock Type Surface crust, loose Soil, coarse gravel/pebbles
Vegetation Isolated low trees of *Acacia pruinocarpa*, over isolated mid shrubs of *Acacia synchronicia* , over *Acacia synchronicia* and *Sclerolaena cornishiana* sparse low shrubland, over *Enneapogon polyphyllus*, **Cenchrus ciliaris* and *Aristida contorta* sparse tussock grassland. Updated, Photo: 1266+65+64 CW, Flat/plain, Mulga band.
Veg Condition Poor (cattle, weeds)
Fire None evident
Notes Neg leaf and wood litter.

Species List:

Name	Cover
<i>Acacia pruinocarpa</i>	1
<i>Acacia synchronicia</i>	1
<i>Aristida contorta</i>	2
<i>Boerhavia coccinea</i>	1
<i>Cenchrus ciliaris</i>	2
<i>Chrysopogon fallax</i>	1
<i>Cleome viscosa</i>	2
<i>Corchorus tectus</i>	1
<i>Enneapogon polyphyllus</i>	2
<i>Eragrostis setifolia</i>	1
<i>Indigofera colutea</i>	1
<i>Portulaca oleracea</i>	n
<i>Salsola australis</i>	1
<i>Sclerolaena cornishiana</i>	2
<i>Senna notabilis</i>	n
<i>Sida</i> sp.	n
<i>Solanum lasiophyllum</i>	n
<i>Streptoglossa ? decurrens</i>	n
<i>Tephrosia supina</i>	1

Phase 1 **Site** A46
Described MH **Date** 8/06/2008 **Type:** **Quadrat** 50 x 50 m
MGA Zone 50 K 735525 **mE** 7500355 **mN**
Habitat Flat/plain
Soil Red-orange sandy clay
Rock Type Surface crust
Vegetation *Acacia aneura* var. *aneura* and *Acacia citrinoviridis* low woodland, over *Acacia citrinoviridis* and *Acacia synchronicia* sparse tall shrubland, over isolated low shrubs of *Abutilon lepidum*, over *Chrysopogon fallax*, *Eulalia aurea* and **Cenchrus ciliaris* tussock grassland. Updated, Photo: 1029+30 MH, Flat/plain.
Veg Condition Good (tracks, grazing, weeds)
Fire None evident
Notes Plentiful leaf litter, sparse wood litter, widespread.
 Crusty clay plain.

Species List:

Name	Cover
<i>Abutilon lepidum</i>	n
<i>Acacia aneura</i> var . <i>aneura</i>	3
<i>Acacia citrinoviridis</i>	3
<i>Acacia pruinocarpa</i>	1
<i>Acacia synchronicia</i>	2
<i>Aristida inaequiglumis</i>	1
<i>Atalaya hemiglauca</i>	n
<i>Cenchrus ciliaris</i>	3
<i>Cenchrus setiger</i>	1
<i>Chrysopogon fallax</i>	4
<i>Corchorus tectus</i>	n
<i>Cucumis maderaspatanus</i>	n
<i>Enneapogon polyphyllus</i>	1
<i>Enteropogon ramosus</i>	1
<i>Eragrostis xerophila</i>	2
<i>Eremophila lanceolata</i>	n
<i>Eulalia aurea</i>	3
<i>Gossypium australe</i>	n
<i>Hibiscus sturtii</i> var . <i>platyklamys</i>	n
<i>Malvastrum americanum</i>	1
<i>Perotis rara</i>	1
<i>Pterocaulon sphaeranthoides</i>	n
<i>Ptilotus obovatus</i> var . <i>obovatus</i>	n
<i>Rhynchosia minima</i>	n
<i>Sclerolaena cornishiana</i>	1
<i>Senna artemisioides</i> subsp. <i>oligophylla</i>	n
<i>Senna notabilis</i>	n
<i>Sida fibulifera</i>	1
<i>Vachellia farnesiana</i>	n

Phase 1 **Site** A47
Described MH **Date** 9/06/2008 **Type:** **Quadrat** 40 x 65
MGA Zone 50 K 735382 **mE** 7499112 **mN**
Habitat Flat/plain, minor channel
Soil Red-orange sandy clay
Rock Type Cracked clay (10%), surface crust (20%), stones/boulders (70%)
Vegetation Isolated low trees of *Corymbia hamersleyana*, over *Acacia citrinoviridis* open low woodland, over *Acacia citrinoviridis* open mid shrubland, over **Cenchrus ciliaris* closed tussock grassland. Updated, Photo: 1037+38 MH, Flat/plain, minor channel.
Veg Condition Good (tracks, grazing, litter, weeds)
Fire None evident
Notes Sparse leaf litter, moderate wood litter, mainly under shrubs.
 Minor rocky channel.

Species List:

Name	Cover
<i>Acacia citrinoviridis</i>	3
<i>Acacia sclerosperma</i> subsp. <i>sclerosperma</i>	n
<i>Acacia synchronicia</i>	n
<i>Aerva javanica</i>	n
<i>Amyema fitzgeraldii</i>	n
<i>Cenchrus ciliaris</i>	4
<i>Cenchrus setiger</i>	2
<i>Chrysopogon fallax</i>	1
<i>Cleome viscosa</i>	n
<i>Corchorus tectus</i>	n
<i>Corymbia hamersleyana</i>	1
<i>Crotalaria medicaginea</i> var . <i>neglecta</i>	n
<i>Enneapogon polyphyllus</i>	n
<i>Eriachne pulchella</i> ?subsp. <i>dominii</i>	t
<i>Iseilema eremaeum</i>	1
<i>Rhynchosia minima</i>	1
<i>Senna artemisioides</i> subsp. <i>oligophylla</i>	n
<i>Stemodia grossa</i>	n
<i>Waltheria indica</i>	n

Phase 1 **Site** A48
Described CW **Date** 11/06/200 **Type:** **Quadrat** 25 x 100
MGA Zone 50 K 735721 **mE** 7498007 **mN**
Habitat Flat/plain, creek bed
Soil Red-orange sandy clay
Rock Type Coarse gravel/pebbles (river stones)
Vegetation *Corymbia hamersleyana* open mid woodland, over *Acacia citrinoviridis* sparse tall shrubland, over *Corchorus crozophorifolius* and *Corchorus tectus* sparse low shrubland, over **Cenchrus ciliaris* and **Cenchrus setiger* tussock grassland. Updated, Photo: 129-1307 CW, Flat/plain, creek bed.
Veg Condition Poor (cattle, weeds)
Fire None evident
Notes Sparse leaf and wood litter, mainly under shrubs.

Species List:

Name	Cover
<i>Abutilon cunninghamii</i>	1
<i>Acacia citrinoviridis</i>	1
<i>Acacia citrinoviridis</i>	3
<i>Acacia citrinoviridis</i>	1
<i>Acacia sclerosperma</i>	1
<i>Acacia tumida</i> var . <i>pilbarensis</i>	1
<i>Aristida contorta</i>	1
<i>Atalaya hemiglauca</i>	1
<i>Cenchrus ciliaris</i>	4
<i>Cenchrus setiger</i>	4
<i>Cleome viscosa</i>	1
<i>Corchorus crozophorifolius</i>	2
<i>Corchorus tectus</i>	1
<i>Corymbia hamersleyana</i>	2
<i>Cullen lachnostachys</i>	1
<i>Enneapogon caerulescens</i>	1
<i>Enneapogon polyphyllus</i>	1
<i>Eragrostis eriopoda</i>	1
<i>Eragrostis tenellula</i>	1
<i>Euphorbia australis</i>	1
<i>Indigofera colutea</i>	n
<i>Polycarpaea longiflora</i>	1
<i>Rhynchosia minima</i>	2
<i>Senna notabilis</i>	1
<i>Sida fibulifera</i>	1
<i>Waltheria indica</i>	1

Phase 1 **Site** A49
Described CW **Date** 9/06/2008 **Type:** **Quadrat** 50 x 50 m
MGA Zone 50 K 736254 **mE** 7494928 **mN**
Habitat Flat/plain, river bed, major channel (150-200 m across), bed of river surveyed
Soil Red-orange sandy clay
Rock Type Coarse gravel/pebbles (river pebbles)
Vegetation Isolated plants of *Aerva javanica*, over *Cleome viscosa* and *Euphorbia australis* sparse herbs, over *Cenchrus ciliaris* sparse tussock grassland. Updated, Photo: 127-1281 CW, Flat/plain, river bed, major channel (150-200 m across), bed of river surveyed.
Veg Condition Poor (Cleome)
Fire None evident
Notes Neg leaf and wood litter.

Species List:

Name	Cover
<i>Abutilon otocarpum</i>	n
<i>Acacia citrinoviridis</i>	n
<i>Acacia citrinoviridis</i>	n
<i>Aerva javanica</i>	1
<i>Aristida contorta</i>	n
<i>Boerhavia gardneri</i>	1
<i>Cenchrus ciliaris</i>	2
<i>Cenchrus setiger</i>	n
<i>Enneapogon polyphyllus</i>	1
<i>Eriachne pulchella</i> subsp. <i>dominii</i>	1
<i>Euphorbia australis</i>	2
<i>Gomphrena cunninghamii</i>	1
<i>Polycarpaea longiflora</i>	n

Phase 1 **Site** A50
Described CW **Date** 8/06/2008 **Type:** **Quadrat** 50 x 50 m
MGA Zone 50 K 738027 **mE** 7502211 **mN**
Habitat Flat/plain, clay pan
Soil Red-orange clay
Rock Type Cracked clay (80%), coarse gravel/pebbles
Vegetation Isolated low shrubs of *Acacia synchronicia* , over *Cleome viscosa* sparse herbs, over *Aristida contorta*, *Dactyloctenium radulans* and *Enneapogon polyphyllus* sparse tussock grassland. Updated, Photo: 1271+72 CW, Flat/plain, clay pan.
Veg Condition Poor (cattle, weeds)
Fire None evident
Notes Neg leaf and wood litter.

Species List:

Name	Cover
<i>Acacia synchronicia</i>	1
<i>Aristida contorta</i>	2
<i>Aristida latifolia</i>	1
<i>Boerhavia coccinea</i>	1
<i>Cenchrus ciliaris</i>	1
<i>Chrysopogon fallax</i>	1
<i>Cleome viscosa</i>	1
<i>Dysphania rhadinostachya</i>	n
<i>Enneapogon polyphyllus</i>	2
<i>Enteropogon ramosus</i>	1
<i>Eremophila lanceolata</i>	n
<i>Euphorbia tannensis</i> subsp. <i>eremophila</i>	n
<i>Goodenia muelleriana</i>	1
<i>Portulaca oleracea</i>	n
<i>Ptilotus aervoides</i>	1
<i>Ptilotus gomphrenoides</i>	1
<i>Ptilotus polystachyus</i> var . <i>arthrotrichus</i>	1
<i>Salsola australis</i>	1
<i>Senna notabilis</i>	n
<i>Sida fibulifera</i>	1
<i>Sporobolus australasicus</i>	1
<i>Streptoglossa ?bubakii</i>	1
<i>Streptoglossa decurrens</i>	1
<i>Trianthema triquetra</i>	2

Phase 1 **Site** A51
Described CW **Date** 8/06/2008 **Type:** **Quadrat** 50 x 50 m
MGA Zone 50 K 737986 **mE** 7499203 **mN**
Habitat Flat/plain
Soil Red-orange sandy clay
Rock Type Surface crust, loose Soil
Vegetation *Acacia aneura* var. ? low woodland over *Acacia aneura* var. ? and *Acacia synchronicia* tall sparse shrubland, over *Sclerolaena cornishiana*. *Eremophila lanceolata* and *Acacia aneura* var. ? sparse low shrubland, over **Cenchrus ciliaris*, *Chrysopogon fallax* and *Enteropogon ramosus* open tussock grassland. Updated, Photo: 126-1269 CW, Flat/plain.
Veg Condition Poor (cattle, weeds)
Fire None evident
Notes Neg leaf litter, sparse wood litter.
 Heavily grazed - poor specimens.

Species List:

Name	Cover
<i>Acacia aneura</i> var. ? <i>microcarpa</i>	1
<i>Acacia aneura</i> var. . ?	1
<i>Acacia aneura</i> var. . ?	3
<i>Acacia synchronicia</i>	2
<i>Amyema ?fitzgeraldii</i>	1
<i>Aristida contorta</i>	1
<i>Aristida latifolia</i>	1
<i>Boerhavia coccinea</i>	1
<i>Cenchrus ciliaris</i>	3
<i>Chrysopogon fallax</i>	3
<i>Cleome viscosa</i>	2
<i>Corchorus tectus</i>	n
<i>Dactyloctenium radulans</i>	1
<i>Enchylaena tomentosa</i> var. . <i>tomentosa</i>	1
<i>Enneapogon polyphyllus</i>	1
<i>Enteropogon ramosus</i>	3
<i>Eragrostis setifolia</i>	1
<i>Eremophila lanceolata</i>	2
<i>Eriachne ?mucronata</i>	1
<i>Eulalia aurea</i>	1
<i>Evolvulus alsinoides</i> var. . <i>villosicalyx</i>	n
<i>Gomphrena canescens</i>	n
<i>Hakea lorea</i> subsp. <i>lorea</i>	n
<i>Ipomoea muelleri</i>	n
<i>Maireana planifolia</i>	1
<i>Maireana planifolia</i>	1
<i>Malvastrum americanum</i>	2
<i>Rhagodia eremaea</i>	1
<i>Rhynchosia minima</i>	2
<i>Sclerolaena cornishiana</i>	2
<i>Senna artemisioides</i> subsp. <i>oligophylla</i>	2

Phase 1 **Site** A52
Described MH **Date** 11/06/200 **Type:** **Quadrat** 50 x 50 m
MGA Zone **50 K** 736517 **mE** 7493377 **mN**
Habitat Flat/plain
Soil Red-orange sandy clay
Rock Type Surface crust, loose Soil
Vegetation Isolated low trees of *Corymbia hamersleyana*, over isolated mallee trees of *Eucalyptus gamophylla*, over *Acacia inaequilatera* sparse tall shrubland, over *Corchorus tectus* sparse low shrubland, over *Aristida holathera* var. *holathera*, **Cenchrus ciliaris* and *Eragrostis eriopoda* sparse tussock grassland, over *Triodia basedowii* hummock grassland. Updated, Photo: 1083+85 MH, Flat/plain.
Veg Condition Good (grazing, weeds)
Fire None evident
Notes Mod leaf litter, neg wood litter, widespread.
 Sandy plain.

Species List:

Name	Cover
<i>Abutilon otocarpum</i>	n
<i>Acacia citrinoviridis</i>	n
<i>Acacia dictyophleba</i>	n
<i>Acacia inaequilatera</i>	2
<i>Aristida contorta</i>	1
<i>Aristida holathera</i> var . <i>holathera</i>	2
<i>Cenchrus ciliaris</i>	2
<i>Cenchrus setiger</i>	n
<i>Corchorus tectus</i>	2
<i>Corymbia hamersleyana</i>	1
<i>Cucumis maderaspatanus</i>	n
<i>Eragrostis eriopoda</i>	2
<i>Eriachne aristidea</i>	1
<i>Eucalyptus gamophylla</i>	n
<i>Gossypium australe</i>	n
<i>Hakea lorea</i> subsp. <i>lorea</i>	n
<i>Hibiscus sturtii</i> var . <i>platychlamys</i>	n
<i>Mollugo molluginea</i>	n
<i>Pterocaulon sphaeranthoides</i>	n
<i>Ptilotus astrolasius</i> var . <i>astrolasius</i>	n
<i>Scaevola parvifolia</i> subsp. <i>parvifolia</i>	n
<i>Scaevola spinescens</i>	n
<i>Senna artemisioides</i> subsp. <i>oligophylla</i>	n
<i>Senna notabilis</i>	1
<i>Sida cardiophylla</i>	n
<i>Solanum lasiophyllum</i>	n
<i>Trianthema pilosa</i>	n
<i>Triodia basedowii</i>	4
<i>Yakirra australiensis</i>	n

Phase 1 **Site** A53
Described MH **Date** 9/06/2008 **Type:** **Quadrat** 50 x 50 m
MGA Zone 50 K 732979 **mE** 7497129 **mN**
Habitat Flat/plain
Soil Red-orange sandy clay
Rock Type Surface crust, loose Soil
Vegetation Isolated low trees of *Corymbia hamersleyana*, over *Acacia inaequilatera*, *Acacia pachyacra*, *Acacia dictyophleba* and *Hakea chordophylla* tall open shrubland, over *Petalostylis cassioides* sparse mid shrubland, over *Corchorus tectus* sparse low shrubland, over **Cenchrus ciliaris* and *Eragrostis eriopoda* sparse tussock grassland, over *Triodia basedowii* closed hummock grassland. Updated, Photo: 1039+40 MH, Flat/plain.
Veg Condition Good (tracks, grazing, weeds)
Fire None evident
Notes Mod leaf litter, sparse wood litter, widespread.
 Sandy clay *Triodia* plain.

Species List:

Name	Cover
<i>Acacia ancistrocarpa</i>	1
<i>Acacia dictyophleba</i>	1
<i>Acacia inaequilatera</i>	3
<i>Acacia pachyacra</i>	2
<i>Acacia pruinocarpa</i>	n
<i>Acacia synchronicia</i>	n
<i>Aristida holathera</i> var . <i>holathera</i>	1
<i>Aristida holathera</i> var . <i>holathera</i>	1
<i>Capparis spinosa</i>	n
<i>Cenchrus ciliaris</i>	2
<i>Corchorus tectus</i>	2
<i>Corymbia hamersleyana</i>	1
<i>Ehretia saligna</i> var . <i>saligna</i>	n
<i>Eragrostis eriopoda</i>	1
<i>Hakea lorea</i> subsp. <i>lorea</i>	2
<i>Hibiscus sturtii</i> var . <i>platyphlamys</i>	n
<i>Hybanthus aurantiacus</i>	n
<i>Petalostylis cassioides</i>	2
<i>Ptilotus astrolasius</i> var . <i>astrolasius</i>	n
<i>Rhagodia eremaea</i>	n
<i>Senna artemisioides</i> subsp. <i>oligophylla</i> x <i>helmsii</i>	n
<i>Sida arenicola</i>	n
<i>Sida cardiophylla</i>	1
<i>Solanum lasiophyllum</i>	n
<i>Triodia basedowii</i>	4
<i>Triodia schinzii</i>	n

Phase 1 **Site** A54
Described MH **Date** 11/06/200 **Type:** **Quadrat** 50 x 50 m
MGA Zone 50 K 733079 **mE** 7498193 **mN**
Habitat Flat/plain, floodplain
Soil Red-orange sandy clay
Rock Type Surface crust
Vegetation *Acacia pruinocarpa*, *Acacia citrinoviridis* and *Corymbia hamersleyana* open low woodland, over isolated mid shrubs of *Acacia dictyophleba* and *Acacia synchronicia* , over **Cenchrus setiger* and **Cenchrus ciliaris* tussock grassland. Updated, Photo: 1089+90 MH, Flat/plain, floodplain.
Veg Condition Good/Poor (tracks, grazing, weeds)
Fire None evident
Notes Plentiful leaf litter, sparse wood litter, widespread.
 Crusty plain.

Species List:

Name	Cover
<i>Acacia citrinoviridis</i>	1
<i>Acacia dictyophleba</i>	1
<i>Acacia pruinocarpa</i>	2
<i>Acacia synchronicia</i>	1
<i>Cenchrus ciliaris</i>	3
<i>Cenchrus setiger</i>	4
<i>Corymbia hamersleyana</i>	2
<i>Cullen leucanthum</i>	1
<i>Eremophila longifolia</i>	n
<i>Hakea lorea</i> subsp. <i>lorea</i>	n

Phase 1 **Site** A55
Described MH **Date** 11/06/200 **Type:** **Quadrat** 50 x 50 m
MGA Zone 50 K 731815 **mE** 7499681 **mN**
Habitat Flat/plain
Soil Red-orange sandy clay
Rock Type Surface crust
Vegetation *Acacia citrinoviridis*, *Acacia pruinocarpa*, *Hakea lorea* and *Corymbia hamersleyana* open low woodland, over isolated mid shrubs of *Acacia synchronicia* , over *Sclerolaena cornishiana* sparse low shrubland, over **Cenchrus ciliaris* closed tussock grassland. Updated, Photo: 1095+96 MH, Flat/plain.
Veg Condition Good (tracks, grazing, weeds)
Fire None evident
Notes Mod leaf litter, sparse wood litter, widespread.
 Sand/crusty floodplain.

Species List:

Name	Cover
<i>Acacia ancistrocarpa</i>	n
<i>Acacia aneura</i> var . ? <i>aneura</i>	n
<i>Acacia citrinoviridis</i>	1
<i>Acacia dictyophleba</i>	n
<i>Acacia pruinocarpa</i>	1
<i>Acacia synchronicia</i>	1
<i>Cenchrus ciliaris</i>	4
<i>Cenchrus setiger</i>	2
<i>Chrysopogon fallax</i>	1
<i>Corchorus tectus</i>	1
<i>Corymbia hamersleyana</i>	1
<i>Enneapogon polyphyllus</i>	n
<i>Eremophila longifolia</i>	n
<i>Hakea lorea</i> subsp. <i>lorea</i>	1
<i>Rhagodia eremaea</i>	n
<i>Rhynchosia minima</i>	n
<i>Sclerolaena cornishiana</i>	1
<i>Senna artemisioides</i> subsp. <i>oligophylla</i>	n
<i>Solanum lasiophyllum</i>	n

Phase 1 **Site** A56
Described MH **Date** 4/06/2008 **Type:** **Quadrat** 50 x 50 m
MGA Zone 50 K 730932 **mE** 7504055 **mN**
Habitat Flat/plain, near creek - slight floodplain
Soil Red-orange sandy clay
Rock Type Some cracked clay, surface crust (95%)
Vegetation *Acacia aneura* open woodland, over *Acacia citrinoviridis*, *Hakea lorea* subsp. *lorea* and *Acacia aneura* low open woodland, over *Acacia synchronicia* open tall shrubland, over **Cenchrus ciliaris* and **Cenchrus setiger* closed tussock grassland. Updated, Photo: 980+8, Flat/plain, near creek - slight floodplain.
Veg Condition
Fire None evident
Notes Mod leaf litter, sparse wood litter, widespread.
 Low diversity - crusty floodplain.
 OppColl WP002 **Cenchrus setiger* (2), WP002 **Cenchrus ciliaris* (5) - dominant grass from rail to site

Species List:

Name	Cover
<i>Acacia aneura</i>	2
<i>Acacia citrinoviridis</i>	2
<i>Acacia synchronicia</i>	3
<i>Cenchrus ciliaris</i>	5
<i>Cenchrus setiger</i>	4
<i>Cullen leucanthum</i>	n
<i>Hakea lorea</i> subsp. <i>lorea</i>	1
<i>Rhagodia eremaea</i>	n
<i>Sida fibulifera</i>	n

Phase 1 **Site** A57
Described CW **Date** 5/06/2008 **Type:** **Quadrat** 100 x 25
MGA Zone 50 K 731339 **mE** 7503007 **mN**
Habitat River bank, bank, upper bed, v. occasional inundation at this point on bank/bed
Soil Red-orange sand/sandy clay
Rock Type Coarse gravel/pebbles
Vegetation Isolated mid trees of *Eucalyptus victrix*, over *Eucalyptus victrix*, *Acacia coriacea* and *Acacia citrinoviridis* low woodland, over *Acacia citrinoviridis* sparse tall shrubland, over **Cenchrus ciliaris* and **Cenchrus setiger* open tussock grassland. Updated, Photo: 1214+15 CW, River bank, bank, upper bed, v. occasional inundation at this point on bank/bed.
Veg Condition Poor (Cleome, Buffel, cattle)
Fire None evident
Notes Mod leaf litter, sparse wood litter, mainly under shrubs and trees.

Species List:

Name	Cover
<i>Acacia citrinoviridis</i>	1
<i>Acacia citrinoviridis</i>	3
<i>Acacia coriacea</i>	3
<i>Acacia synchronicia</i>	1
<i>Austrobryonia pilbarensis</i>	n
<i>Cenchrus ciliaris</i>	3
<i>Cenchrus setiger</i>	3
<i>Cleome viscosa</i>	2
<i>Eriachne pulchella</i>	1
<i>Eucalyptus victrix</i>	2
<i>Euphorbia australis</i>	1
<i>Euphorbia coghlanii</i>	n
<i>Gomphrena cunninghamii</i>	1
<i>Phyllanthus maderaspatensis</i>	n
<i>Sesbania cannabina</i>	1

Phase 1 **Site** A58
Described CW **Date** 7/06/2008 **Type:** **Quadrat** 50 x 50 m
MGA Zone **50 K** 734504 **mE** 7501947 **mN**
Habitat Flat/plain
Soil Red-orange sandy clay
Rock Type Surface crust, loose Soil, coarse gravel/pebbles
Vegetation *Acacia aneura* var. ?*aneura*, *Hakea lorea* subsp. *lorea* and *Acacia citrinoviridis* low woodland, over *Acacia aneura* var. ?*aneura* open tall shrubland, over *Sclerolaena cornishiana* sparse low shrubland, over **Cenchrus ciliaris* tussock grassland. Updated, Photo: 125-1259 CW, Flat/plain.
Veg Condition Poor (weeds, cattle)
Fire None evident
Notes Sparse leaf and wood litter, mainly under shrubs.

Species List:

Name	Cover
<i>Acacia aneura</i> var. ? <i>aneura</i>	3
<i>Acacia citrinoviridis</i>	3
<i>Acacia synchronicia</i>	1
<i>Austrobryonia pilbarensis</i>	1
<i>Boerhavia coccinea</i>	1
<i>Cenchrus ciliaris</i>	4
<i>Chrysopogon fallax</i>	2
<i>Cleome viscosa</i>	1
<i>Corchorus tectus</i>	1
<i>Corchorus tectus</i>	n
<i>Enneapogon polyphyllus</i>	1
<i>Eremophila longifolia</i>	1
<i>Eulalia aurea</i>	n
<i>Evolvulus alsinoides</i> var. <i>villosicalyx</i>	1
<i>Hakea lorea</i> subsp. <i>lorea</i>	2
<i>Ipomoea muelleri</i>	n
<i>Malvastrum americanum</i>	1
<i>Portulaca oleracea</i>	1
<i>Pterocaulon sphaeranthoides</i>	1
<i>Ptilotus obovatus</i> var. <i>obovatus</i>	1
<i>Rhagodia eremaea</i>	1
<i>Rhynchosia minima</i>	1
<i>Sclerolaena cornishiana</i>	2
<i>Senna notabilis</i>	1
<i>Sida fibulifera</i>	1
<i>Tephrosia ?virens</i>	n
<i>Vachellia farnesiana</i>	1

Phase 1 **Site** A59
Described MH **Date** 7/06/2008 **Type:** **Quadrat** 50 x 50 m
MGA Zone **50 K** 733233 **mE** 7501852 **mN**
Habitat Flat/plain
Soil Red-orange sandy clay
Rock Type Surface crust
Vegetation *Hakea lorea* subsp. *lorea* , *Acacia pruinocarpa* and *Acacia aneura* var. *?aneura* low open woodland, over *Acacia synchronicia* open tall shrubland, over *Acacia synchronicia* mid open shrubland, over *Chrysopogon fallax*, **Cenchrus ciliaris* and *Eulalia aurea* closed tussock grassland. Updated, Photo:1023+24 MH, Flat/plain.
Veg Condition Good (grazing, weeds)
Fire None evident
Notes Mod leaf litter, plentiful wood litter, widespread.
 Crusty plain.

Species List:

Name	Cover
<i>Acacia aneura</i> var . <i>?aneura</i>	1
<i>Acacia pruinocarpa</i>	n
<i>Acacia synchronicia</i>	2
<i>Cenchrus ciliaris</i>	2
<i>Chrysopogon fallax</i>	4
<i>Cleome viscosa</i>	n
<i>Corchorus tectus</i>	n
<i>Corymbia hamersleyana</i>	n
<i>Enneapogon polyphyllus</i>	1
<i>Eulalia aurea</i>	2
<i>Evolvulus alsinoides</i> var . <i>villosicalyx</i>	1
<i>Hakea lorea</i> subsp. <i>lorea</i>	1
<i>Ipomoea muelleri</i>	n
<i>Portulaca oleracea</i>	n
<i>Rhagodia eremaea</i>	n
<i>Rhynchosia minima</i>	1
<i>Sclerolaena cornishiana</i>	1
<i>Vachellia farnesiana</i>	n

Phase 1 **Site** A60
Described CW **Date** 9/06/2008 **Type:** **Quadrat** 50 x 50 m
MGA Zone 50 K 735673 **mE** 7496904 **mN**
Habitat Flat/plain, open plain, near bore
Soil Red-orange sandy clay
Rock Type Surface crust, loose Soil
Vegetation Isolated trees of *Acacia citrinoviridis*, over *Acacia inaequilatera* and *Acacia citrinoviridis* low open woodland, over *Corymbia hamersleyana* low open mallee woodland, over *Acacia inaequilatera* and *Acacia synchronicia* sparse tall shrubland, over *Rhagodia eremaea*, *Sclerolaena cornishiana*, *Eremophila lanceolata* and *Acacia synchronicia* sparse low shrubland, over **Cenchrus ciliaris* and **Cenchrus setiger* tussock grassland. Updated, Photo: 127-1277 CW, Flat/plain, open plain, near bore.
Veg Condition Poor (cattle, weeds)
Fire None evident
Notes Sparse leaf and wood litter, mainly under shrubs and trees.

Species List:

Name	Cover
<i>Acacia aneura</i> var . <i>aneura</i>	1
<i>Acacia citrinoviridis</i>	2
<i>Acacia citrinoviridis</i>	1
<i>Acacia inaequilatera</i>	3
<i>Acacia synchronicia</i>	3
<i>Atalaya hemiglauca</i>	1
<i>Boerhavia coccinea</i>	1
<i>Cenchrus ciliaris</i>	4
<i>Cenchrus setiger</i>	4
<i>Chrysopogon fallax</i>	1
<i>Corchorus tectus</i>	1
<i>Corymbia hamersleyana</i>	2
<i>Enneapogon polyphyllus</i>	n
<i>Eragrostis eriopoda</i>	1
<i>Eremophila lanceolata</i>	2
<i>Eulalia aurea</i>	n
<i>Hakea chordophylla</i>	1
<i>Hibiscus sturtii</i> var . <i>platyklamys</i>	n
<i>Ptilotus obovatus</i> var . <i>obovatus</i>	1
<i>Rhagodia eremaea</i>	2
<i>Sclerolaena cornishiana</i>	2
<i>Sida fibulifera</i>	1
<i>Solanum lasiophyllum</i>	1

Phase 1 **Site** A61
Described CW **Date** 7/06/2008 **Type:** **Quadrat** 50 x 50 m
MGA Zone 50 K 734251 **mE** 7502478 **mN**
Habitat Flat/plain, bare patch with Mulga/Cenchrus banding
Soil Red-orange sandy clay
Rock Type Surface crust, loose Soil, coarse gravel/pebbles
Vegetation Isolated mid trees of *Acacia aneura* var. *?aneura* and *Acacia citrinoviridis*, over isolated tall shrubs of *Acacia synchronicia* , over isolated low shrubs of *Sclerolaena cornishiana*, over isolated clumps of *Enneapogon polyphyllus* and **Cenchrus ciliaris* tussock grasses. Updated, Photo: 1255+56 CW, Flat/plain, bare patch with Mulga/Cenchrus banding.
Veg Condition Poor (weeds, cattle, tracks)
Fire None evident
Notes Neg leaf and wood litter.

Species List:

Name	Cover
<i>Acacia aneura</i> var . <i>?aneura</i>	1
<i>Acacia citrinoviridis</i>	1
<i>Acacia synchronicia</i>	1
<i>Boerhavia coccinea</i>	1
<i>Cenchrus ciliaris</i>	1
<i>Chrysopogon fallax</i>	1
<i>Cleome viscosa</i>	1
<i>Corchorus tectus</i>	1
<i>Dactyloctenium radulans</i>	1
<i>Enneapogon polyphyllus</i>	1
<i>Hakea lorea</i> subsp. <i>lorea</i>	1
<i>Hakea lorea</i> subsp. <i>lorea</i>	1
<i>Indigofera colutea</i>	n
<i>Portulaca oleracea</i>	n
<i>Rhagodia eremaea</i>	1
<i>Sclerolaena cornishiana</i>	1

Phase 1 **Site** A62
Described CW **Date** 7/06/2008 **Type:** **Quadrat** 50 x 50 m
MGA Zone 50 K 735861 mE 7502541 mN
Habitat Flat plain
Soil Red-orange sandy clay with surface crust and loose Soil
Rock Type ferrous
Vegetation *Acacia synchronicia* open tall shrubland, over *Sclerolaena cornishiana* sparse low shrubland, over
 **Cenchrus ciliaris* and *Aristida contorta* sparse tussock grassland. Updated, Photo: 125-1252 CW,
 Flat plain.
Veg Condition Poor
Fire None evident
Notes Sparse leaf litter mainly under shrubs, sparse wood litter.

Species List:

Name	Cover
<i>Abutilon otocarpum</i>	n
<i>Acacia inaequilatera</i>	1
<i>Acacia sclerosperma</i> subsp. <i>sclerosperma</i>	1
<i>Acacia synchronicia</i>	3
<i>Aristida contorta</i>	2
<i>Cenchrus ciliaris</i>	2
<i>Chrysopogon fallax</i>	1
<i>Cleome viscosa</i>	1
<i>Corchorus tectus</i>	1
<i>Corchorus tectus</i>	1
<i>Enneapogon polyphyllus</i>	1
<i>Eremophila lanceolata</i>	1
<i>Ipomoea muelleri</i>	1
<i>Rhagodia eremaea</i>	1
<i>Sclerolaena cornishiana</i>	2
<i>Senna ? artemisioides</i> subsp. <i>oligophylla</i>	n
<i>Sida fibulifera</i>	1
<i>Sida platycalyx</i>	1
<i>Sporobolus australasicus</i>	1
<i>Vachellia farnesiana</i>	1

Phase 1 **Site** A63
Described MH **Date** 7/06/2008 **Type:** **Quadrat** 50 x 50 m
MGA Zone 50 K 732751 **mE** 7503031 **mN**
Habitat Flat plain
Soil Red-orange sandy clay with surface crust
Rock Type
Vegetation *Acacia pruinocarpa*, *Hakea lorea* subsp. *lorea* and *Acacia aneura* low open woodland, over isolated low shrubs of *Rhagodia eremaea*, *Sclerolaena cornishiana* and *Sida fibulifera*, over **Cenchrus ciliaris* closed tussock grassland. Updated, Photo: 1021+22 MH, Flat plain.
Veg Condition Poor
Fire None
Notes Moderate widespread leaf litter, Sparse wood litter.

Species List:

Name	Cover
<i>Acacia aneura</i> var . ?	n
<i>Acacia pruinocarpa</i>	2
<i>Acacia synchronicia</i>	n
<i>Aristida contorta</i>	n
<i>Cenchrus ciliaris</i>	5
<i>Chrysopogon fallax</i>	3
<i>Corchorus tectus</i>	1
<i>Eragrostis eriopoda</i>	n
<i>Hakea lorea</i> subsp. <i>lorea</i>	1
<i>Hakea lorea</i> subsp. <i>lorea</i>	n
<i>Pterocaulon sphaeranthoides</i>	n
<i>Ptilotus obovatus</i> var . <i>obovatus</i>	n
<i>Rhagodia eremaea</i>	1
<i>Rhynchosia minima</i>	1
<i>Sclerolaena cornishiana</i>	2
<i>Sida fibulifera</i>	2
<i>Vachellia farnesiana</i>	n

Phase 1 **Site** A64
Described MH **Date** 7/06/2008 **Type:** **Quadrat** 50 x 50 m
MGA Zone 50 K 732900 **mE** 7504177 **mN**
Habitat Flat plain - clay pan, open areas of nothing
Soil Red-orange sandy clay with surface crust
Rock Type ferrous
Vegetation *Acacia synchronicia* open tall shrubland, over *Senna artemisioides* subsp. *oligophylla*, *Sida fibulifera* and *Corchorus tectus* sparse low shrubland, over *Eulalia aurea*, *Aristida contorta* and *Enneapogon polyphyllus* open tussock grassland. Updated, Photo: 1015+16 MH, Flat plain - clay pan, open areas of nothing.
Veg Condition Good
Fire None evident
Notes Sparse, widespread leaf litter, sparse wood litter.

Species List:

Name	Cover
<i>Abutilon dioicum</i>	n
<i>Abutilon otocarpum</i>	1
<i>Acacia ?aneura</i>	n
<i>Acacia synchronicia</i>	3
<i>Aristida contorta</i>	2
<i>Aristida inaequiglumis</i>	1
<i>Boerhavia repleta</i>	n
<i>Cenchrus ciliaris</i>	1
<i>Chrysopogon fallax</i>	2
<i>Cleome viscosa</i>	4
<i>Corchorus tectus</i>	2
<i>Cullen leucanthum</i>	2
<i>Dichanthium sericeum</i> subsp. <i>humilius</i>	n
<i>Dysphania rhadinostachya</i>	n
<i>Enneapogon polyphyllus</i>	2
<i>Enteropogon ramosus</i>	1
<i>Eragrostis setifolia</i>	n
<i>Eremophila lanceolata</i>	n
<i>Eulalia aurea</i>	3
<i>Euphorbia ? drummondii</i>	n
<i>Hibiscus sturtii</i> var. <i>campylochlamys</i>	n
<i>Indigofera linnaei</i>	n
<i>Ipomoea muelleri</i>	n
<i>Pterocaulon sphaeranthoides</i>	n
<i>Ptilotus obovatus</i> var . <i>obovatus</i>	n
<i>Rhagodia eremaea</i>	1
<i>Rhynchosia minima</i>	n
<i>Salsola australis</i>	n
<i>Senna artemisioides</i> subsp. <i>helmsii</i>	n
<i>Senna artemisioides</i> subsp. <i>oligophylla</i>	2
<i>Sida fibulifera</i>	2
<i>Vachellia farnesiana</i>	n

Phase 1 **Site** A65
Described CW **Date** 5/06/2008 **Type:** **Quadrat** 50 x 50 m
MGA Zone 50 K 727115 **mE** 7505519 **mN**
Habitat Undulating plain, hill top with moderate to gentle slope
Soil black / red sandy clay / sand with loose Soil
Rock Type
Vegetation Isolated mid shrubs of *Crotalaria cunninghamii*, over **Cenchrus ciliaris* tussock grassland, over *Triodia schinzii* open hummock grassland. Updated, Photo: 123-1228 CW, Undulating plain, hill top with moderate to gentle slope.
Veg Condition Poor
Fire Old
Notes Sparse leaf litter mainly under shrubs and negligible wood litter.

Species List:

Name	Cover
<i>Acacia dictyophleba</i>	1
<i>Cenchrus ciliaris</i>	4
<i>Corchorus tectus</i>	1
<i>Corchorus tectus</i>	1
<i>Crotalaria cunninghamii</i>	2
<i>Eragrostis eriopoda</i>	1
<i>Eriachne aristidea</i>	1
<i>Petalostylis cassioides</i>	1
<i>Ptilotus exaltatus</i>	1
<i>Trianthema pilosa</i>	1
<i>Tribulus occidentalis</i>	2
<i>Trichodesma zeylanicum</i> var . <i>zeylanicum</i>	1
<i>Triodia schinzii</i>	3

Phase 1 **Site** A66
Described MH **Date** 5/06/2008 **Type:** **Quadrat** 80 x 30
MGA Zone 50 K 727800 **mE** 7504520 **mN**
Habitat top of sand dune, moderate/gentle slope.
Soil very red black sand/sandy clay with loose Soil
Rock Type
Vegetation *Eucalyptus gamophylla* open mallee woodland, over *Acacia dictyophleba* open tall shrubland, over *Sida cardiophylla* sparse mid shrubland, over *Corchorus tectus* open low shrubland, over *Eragrostis eriopoda* sparse tussock grassland, over *Triodia schinzii* and *Triodia basedowii* open hummock grassland. Updated, Photo: 996-99 MH, top of sand dune, moderate/gentle slope.
Veg Condition Good
Fire None evident
Notes Moderate leaf litter mainly under shrubs, moderate wood litter.

Species List:

Name	Cover
<i>Acacia dictyophleba</i>	3
<i>Acacia sclerosperma</i> subsp. <i>sclerosperma</i>	n
<i>Bonamia rosea</i>	1
<i>Cenchrus ciliaris</i>	2
<i>Corchorus tectus</i>	3
<i>Crotalaria cunninghamii</i>	1
<i>Dodonaea coriacea</i>	n
<i>Eragrostis eriopoda</i>	2
<i>Eucalyptus gamophylla</i>	2
<i>Hakea lorea</i> subsp. <i>lorea</i>	n
<i>Hibiscus brachychlaenus</i>	2
<i>Hibiscus sturtii</i> var . <i>platychlamys</i>	1
<i>Scaevola parvifolia</i> subsp. <i>parvifolia</i>	2
<i>Senna artemisioides</i> subsp. <i>oligophylla</i>	n
<i>Senna notabilis</i>	n
<i>Sida cardiophylla</i>	3
<i>Trianthema pilosa</i>	n
<i>Trichodesma zeylanicum</i>	n
<i>Triodia basedowii</i>	2
<i>Triodia schinzii</i>	3

Phase 1 **Site** A67
Described MH **Date** 4/06/2008 **Type:** **Quadrat** 50 x 50 m
MGA Zone 50 K 727800 **mE** 7504765 **mN**
Habitat Swale between sand dunes, gentle slope
Soil red-orange sandy clay with surface crust and loose Soil
Rock Type
Vegetation Isolated low trees of *Acacia inaequilatera*, over *Acacia sclerosperma* subsp. *sclerosperma* sparse tall shrubland, over *Corchorus tectus* sparse low shrubland, over *Triodia basedowii* hummock grassland. Updated, Photo: 990+91 MH, Swale between sand dunes, gentle slope.
Veg Condition Excellent
Fire None evident
Notes Sparse widespread leaf litter, sparse wood litter.

Species List:

Name	Cover
<i>Acacia dictyophleba</i>	1
<i>Acacia inaequilatera</i>	1
<i>Acacia pachyacra</i>	1
<i>Acacia sclerosperma</i> subsp. <i>sclerosperma</i>	2
<i>Acacia synchronicia</i>	2
<i>Aristida holathera</i> var . <i>holathera</i>	1
<i>Aristida inaequiglumis</i>	n
<i>Bonamia rosea</i>	1
<i>Cleome viscosa</i>	1
<i>Corchorus tectus</i>	1
<i>Corchorus tectus</i>	2
<i>Crotalaria cunninghamii</i>	n
<i>Dicrastylis cordifolia</i>	n
<i>Eragrostis eriopoda</i>	1
<i>Eriachne aristidea</i>	n
<i>Goodenia microptera</i>	n
<i>Hakea lorea</i> subsp. <i>lorea</i>	n
<i>Hibiscus brachychlaenus</i>	n
<i>Hibiscus brachychlaenus</i>	n
<i>Indigofera monophylla</i>	1
<i>Petalostylis cassioides</i>	n
<i>Ptilotus aervoides</i>	n
<i>Ptilotus astrolasius</i> var . <i>astrolasius</i>	n
<i>Ptilotus obovatus</i> var . <i>obovatus</i>	n
<i>Rhagodia eremaea</i>	n
<i>Scaevola parvifolia</i> subsp. <i>parvifolia</i>	1
<i>Scaevola parvifolia</i> subsp. <i>parvifolia</i>	n
<i>Sida arenicola</i>	n
<i>Sida cardiophylla</i>	n
<i>Sida fibulifera</i>	n
<i>Solanum lasiophyllum</i>	n
<i>Trianthema pilosa</i>	2
<i>Triodia basedowii</i>	4
<i>Triodia schinzii</i>	1

Phase 1 **Site** A68
Described MH **Date** 5/06/2008 **Type:** **Quadrat** 50 x 50 m
MGA Zone 50 K 728714 **mE** 7504301 **mN**
Habitat flat plain at edge of sand dune
Soil red-orange sandy clay with surface crust
Rock Type
Vegetation *Acacia aneura* var. *?aneura* low to medium open woodland, over *Acacia synchronicia* open tall shrubland, over **Cenchrus ciliaris* and **Cenchrus setiger* tussock grassland. Updated, Photo: 1003+04 MH, Flat plain at edge of sand dune.
Veg Condition Good
Fire None evident
Notes moderate widespread leaf litter, sparse wood litter

Species List:

Name	Cover
<i>Acacia aneura</i> var. <i>?aneura</i>	2
<i>Acacia pruinocarpa</i>	n
<i>Acacia synchronicia</i>	3
<i>Atalaya hemiglauca</i>	n
<i>Cenchrus ciliaris</i>	4
<i>Cenchrus setiger</i>	3
<i>Corchorus tectus</i>	1
<i>Hakea lorea</i> subsp. <i>lorea</i>	n
<i>Ptilotus obovatus</i> var. <i>obovatus</i>	n
<i>Rhagodia eremaea</i>	n
<i>Senna artemisioides</i> subsp. <i>oligophylla</i>	n
<i>Sida fibulifera</i>	n

Phase 1 **Site** A69
Described CW **Date** 9/06/2008 **Type:** **Quadrat** 50 x 50 m
MGA Zone 50 K 728788 **mE** 7502219 **mN**
Habitat Flat plain (Triodia steppe)
Soil red-orange sandy clay with loose Soil
Rock Type ferrous
Vegetation *Acacia pachyacra* and *Acacia ancistrocarpa* sparse tall shrubland, over *Acacia ancistrocarpa* and *Indigofera monophylla* sparse low shrubland, over *Triodia schinzii* and *Triodia basedowii* hummock grassland. Updated, Photo: 127-1284 CW, Flat plain (Triodia steppe).
Veg Condition Excellent
Fire None evident
Notes Sparse leaf litter mainly under shrubs, negligible wood litter.

Species List:

Name	Cover
<i>Acacia ancistrocarpa</i>	2
<i>Acacia pachyacra</i>	2
<i>Bonamia rosea</i>	1
<i>Cullen leucochaïtes</i>	n
<i>Dicrastylis cordifolia</i>	n
<i>Indigofera monophylla</i>	2
<i>Ptilotus astrolasius</i> var . <i>astrolasius</i>	1
<i>Scaevola parvifolia</i> subsp. <i>pilbarae</i>	1
<i>Senna artemisioides</i> subsp. <i>oligophylla</i>	n
<i>Triodia basedowii</i>	4
<i>Triodia schinzii</i>	4

Phase 1 **Site** A70
Described CW **Date** 10/06/200 **Type:** **Quadrat** 50 x 50 m
MGA Zone 50 K 727969 **mE** 7502067 **mN**
Habitat Flat plain (Triodia steppe)
Soil red-orange sandy clay with loose Soil
Rock Type ferrous
Vegetation *Acacia pachyacra* sparse tall shrubland, over *Dicrastylis cordifolia* and *Indigofera monophylla*
 sparse low shrubland, over *Triodia basedowii* hummock grassland. Updated, Photo: 1293/4 CW, Flat
 plain (*Triodia* steppe).
Veg Condition Good
Fire None evident
Notes Negligible leaf litter, sparse wood litter.

Species List:

Name	Cover
<i>Acacia ancistrocarpa</i>	1
<i>Acacia pachyacra</i>	2
<i>Bonamia rosea</i>	2
<i>Corchorus tectus</i>	1
<i>Cullen leucochaetes</i>	1
<i>Dicrastylis cordifolia</i>	2
<i>Hakea chordophylla</i>	n
<i>Indigofera monophylla</i>	2
<i>Indigofera monophylla</i>	1
<i>Pterocaulon sphaeranthoides</i>	n
<i>Ptilotus astrolasius</i> var. <i>astrolasius</i>	n
<i>Scaevola parvifolia</i> subsp. <i>pilbarae</i>	1
<i>Senna notabilis</i>	1
<i>Sida cardiophylla</i>	1
<i>Triodia basedowii</i>	4

Phase 1 **Site** A71
Described CW **Date** 5/06/2008 **Type:** **Quadrat** 50 x 50 m
MGA Zone 50 K 726429 **mE** 7505985 **mN**
Habitat Flat plain/midslope with moderate to gentle slope
Soil red-orange sandy clay with loose Soil and bull dust
Rock Type
Vegetation Isolated low trees of *Hakea lorea* subsp. *lorea* , over *Acacia pachyacra* sparse tall shrubland, over *Acacia pachyacra* and *Acacia sclerosperma* subsp. *sclerosperma* sparse mid shrubland, over *Petalostylis cassioides* low open shrubland, over **Cenchrus ciliaris* open tussock grassland, over *Triodia schinzii* and *Triodia basedowii* open hummock grassland. Updated, Photo: 123-1226/7, Flat plain/midslope with moderate to gentle slope
Veg Condition Good
Fire none evident
Notes Sparse leaf litter mainly under hummocks, sparse wood litter

Species List:

Name	Cover
<i>Acacia ?trudgeniana</i>	1
<i>Acacia dictyophleba</i>	1
<i>Acacia pachyacra</i>	3
<i>Acacia sclerosperma</i> subsp. <i>sclerosperma</i>	2
<i>Aristida holathera</i>	1
<i>Bonamia rosea</i>	2
<i>Cenchrus ciliaris</i>	3
<i>Corchorus tectus</i>	1
<i>Crotalaria cunninghamii</i>	1
<i>Dicrastylis cordifolia</i>	1
<i>Eragrostis eriopoda</i>	1
<i>Hakea lorea</i> subsp. <i>lorea</i>	n
<i>Hibiscus brachychlaenus</i>	1
<i>Petalostylis cassioides</i>	2
<i>Petalostylis cassioides</i>	2
<i>Sida cardiophylla</i>	n
<i>Solanum lasiophyllum</i>	n
<i>Stylobasium spathulatum</i>	2
<i>Trianthema pilosa</i>	2
<i>Triodia basedowii</i>	3
<i>Triodia schinzii</i>	3

Phase 1 **Site** A72
Described MH **Date** 10/06/200 **Type:** **Quadrat** 50 x 50 m
MGA Zone 50 K 727476 **mE** 7501125 **mN**
Habitat Flat plain
Soil Red-orange sandy clay wih surface crust
Rock Type ferrous
Vegetation *Acacia inaequilatera* and *Hakea lorea* subsp. *lorea* low open woodland, over *Bonamia rosea* and *Corchorus tectus* open low shrubland, over *Aristida inaequiglumis*, *Aristida holathera* var. *holathera* and *Eragrostis eriopoda* open tussock grassland, over *Triodia basedowii* (seedlings) open hummock grassland. Updated, Photo: 1055+56 MH, Flat plain.
Veg Condition Good
Fire Moderate
Notes Sparse leaf litter widespread, moderate wood litter

Species List:

Name	Cover
<i>Acacia ancistrocarpa</i>	1
<i>Acacia inaequilatera</i>	2
<i>Acacia pachyacra</i>	n
<i>Acacia sericophylla</i>	n
<i>Aristida holathera</i> var . <i>holathera</i>	2
<i>Aristida inaequiglumis</i>	2
<i>Bonamia rosea</i>	3
<i>Chrysopogon fallax</i>	n
<i>Cleome viscosa</i>	1
<i>Corchorus tectus</i>	2
<i>Corymbia hamersleyana</i>	n
<i>Cullen leucochaites</i>	n
<i>Dicrastylis cordifolia</i>	n
<i>Eragrostis eriopoda</i>	2
<i>Eriachne aristidea</i>	1
<i>Eucalyptus gamophylla</i>	n
<i>Euphorbia schultzii</i>	1
<i>Gossypium australe</i>	1
<i>Hakea chordophylla</i>	1
<i>Hakea lorea</i> subsp. <i>lorea</i>	2
<i>Heliotropium ovalifolium</i>	n
<i>Hybanthus aurantiacus</i>	1
<i>Ptilotus obovatus</i> var . <i>obovatus</i>	n
<i>Ptilotus polystachyus</i> var . <i>arthrotrichus</i>	n
<i>Senna artemisioides</i> subsp. <i>oligophylla</i>	n
<i>Senna notabilis</i>	1
<i>Sida arenicola</i>	n
<i>Sida cardiophylla</i>	n
<i>Trianthema pilosa</i>	1
<i>Trichodesma zeylanicum</i>	1
<i>Triodia basedowii</i>	1
<i>Yakirra australiensis</i>	n

Phase 1 **Site** *A73*

Described	MH	Date	10/06/200	Type:	Quadrat	50 x 50 m
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MGA Zone 50 K 729307 **mE** 7500306 **mN**

Habitat	Undulating plain
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Soil	Red-orange sandy clay with loose Soil
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Rock Type ferrous

Vegetation *Eucalyptus gamophylla* low open mallee woodland, over isolated mid shrubs of *Acacia ancistrocarpa* and *Acacia pachyacra*, over *Triodia basedowii* hummock grassland. Updated, Photo: 1062+63 MH, Undulating plain.

Veg Condition Excellent

Fire None evident

Notes negligible leaf litter, negligible wood litter.

Species List:

Name	Cover
<i>Acacia adsurgens</i>	n
<i>Acacia ancistrocarpa</i>	1
<i>Acacia dictyophleba</i>	n
<i>Acacia inaequilatera</i>	n
<i>Acacia pachyacra</i>	1
<i>Acacia pachyacra</i>	1
<i>Acacia tenuissima</i>	n
<i>Acacia tumida</i> var . ? <i>tumida</i>	n
<i>Aristida inaequiglumis</i>	n
<i>Dicrastylis cordifolia</i>	n
<i>Eragrostis eriopoda</i>	2
<i>Eucalyptus gamophylla</i>	2
<i>Grevillea wickhamii</i> subsp. <i>hispidula</i>	n
<i>Hakea chordophylla</i>	n
<i>Hibiscus sturtii</i> var . <i>platychlamys</i>	n
<i>Hybanthus aurantiacus</i>	n
<i>Indigofera monophylla</i>	n
<i>Paraneurachne muelleri</i>	2
<i>Ptilotus astrolasius</i> var . <i>astrolasius</i>	n
<i>Senna artemisioides</i> subsp. <i>oligophylla</i>	1
<i>Senna artemisioides</i> subsp. <i>oligophylla</i>	n
<i>Sida cardiophylla</i>	n
<i>Sida</i> sp.	n
<i>Solanum lasiophyllum</i>	1
<i>Trianthema pilosa</i>	n
<i>Triodia basedowii</i>	4

Phase 1 **Site** A74
Described CW **Date** 8/06/2008 **Type:** **Quadrat** 50 x 50 m
MGA Zone 50 K 738080 **mE** 7500914 **mN**
Habitat Flat plain
Soil red-orange sandy clay with surface crust and loose Soil
Rock Type
Vegetation *Acacia aneura* var. *?aneura* and *Acacia pruinocarpa* low open woodland, over *Acacia aneura* var. *?aneura* sparse tall shrubland, over *Sclerolaena cornishiana* and *Eremophila lanceolata* sparse low shrubland, over **Cenchrus ciliaris* open tussock grassland. Updated, Photo: 126-1275 CW, Flat plain.
Veg Condition Good
Fire None evident
Notes Sparse leaf litter mainly under shrubs, sparse wood litter

Species List:

Name	Cover
<i>Acacia aneura</i> var . <i>?aneura</i>	3
<i>Acacia pruinocarpa</i>	2
<i>Acacia synchronicia</i>	1
<i>Aristida contorta</i>	2
<i>Cenchrus ciliaris</i>	3
<i>Chrysopogon fallax</i>	3
<i>Cleome viscosa</i>	1
<i>Corchorus tectus</i>	1
<i>Corymbia hamersleyana</i>	1
<i>Dactyloctenium radulans</i>	n
<i>Enneapogon polyphyllus</i>	2
<i>Eragrostis setifolia</i>	1
<i>Eremophila lanceolata</i>	3
<i>Eulalia aurea</i>	n
<i>Evolvulus alsinoides</i> var . <i>villosicalyx</i>	1
<i>Gomphrena canescens</i> subsp. <i>canescens</i>	1
<i>Indigofera colutea</i>	1
<i>Malvastrum americanum</i>	1
<i>Perotis rara</i>	1
<i>Portulaca oleracea</i>	n
<i>Ptilotus obovatus</i> var . <i>obovatus</i>	n
<i>Sclerolaena cornishiana</i>	3
<i>Senna artemisioides</i> subsp. <i>oligophylla</i> x <i>helmsii</i>	1
<i>Senna artemisioides</i> subsp. <i>oligophylla</i> x <i>helmsii</i>	1
<i>Sida fibulifera</i>	1
<i>Solanum lasiophyllum</i>	1
<i>Tephrosia supina</i>	1

Phase 1 **Site** A75
Described MH **Date** 8/06/2008 **Type:** **Quadrat** 50 x 50 m
MGA Zone **50 K** 736797 **mE** 7501445 **mN**
Habitat Flat plain
Soil Red-orange sandy plain with surface crust
Rock Type
Vegetation Isolated low trees of *Acacia aneura*, over *Acacia synchronicia* high open shrubland, over *Acacia synchronicia*, *Senna artemisioides* subsp. *oligophylla* and *Sclerolaena cornishiana* low sparse shrubland, over *Chrysopogon fallax* and *Aristida contorta* open tussock grassland. Updated, Photo:1035+36 MH, Flat plain.
Veg Condition Good
Fire None evident
Notes Moderate widespread leaf litter and moderate wood litter.

Species List:

Name	Cover
<i>Acacia aneura</i> var . ? <i>aneura</i>	1
<i>Acacia synchronicia</i>	3
<i>Amyema fitzgeraldii</i>	1
<i>Aristida contorta</i>	3
<i>Aristida inaequiglumis</i>	n
<i>Boerhavia repleta</i>	n
<i>Cenchrus ciliaris</i>	1
<i>Chrysopogon fallax</i>	3
<i>Cleome viscosa</i>	n
<i>Corchorus tectus</i>	n
<i>Dactyloctenium radulans</i>	1
<i>Enneapogon polyphyllus</i>	2
<i>Enteropogon ramosus</i>	1
<i>Eragrostis xerophila</i>	1
<i>Eremophila lanceolata</i>	2
<i>Eulalia aurea</i>	1
<i>Evolvulus alsinoides</i> var . <i>villosicalyx</i>	n
<i>Gomphrena canescens</i>	n
<i>Hibiscus sturtii</i> var . <i>platychlamys</i>	n
<i>Iseilema eremaeum</i>	n
<i>Portulaca oleracea</i>	1
<i>Rhagodia eremaea</i>	n
<i>Rhynchosia minima</i>	n
<i>Sclerolaena cornishiana</i>	3
<i>Senna artemisioides</i> subsp. <i>oligophylla</i>	2
<i>Sida fibulifera</i>	n
<i>Solanum lasiophyllum</i>	n
<i>Sporobolus australasicus</i>	1

Phase 1 **Site** A76
Described MH **Date** 10/06/200 **Type:** **Quadrat** 50 x 50 m
MGA Zone 50 K 737567 **mE** 7492245 **mN**
Habitat River bank / floodplain.
Soil Red-orange sandy clay with surface crust
Rock Type creek rocks and ferrous
Vegetation Isolated low trees of *Eucalyptus victrix*, over *Acacia citrinoviridis* and *Atalaya hemiglauca* open low woodland, over **Cenchrus ciliaris* and **Cenchrus setiger* tussock grassland. Updated, Photo: 1081+82 MH, River bank / floodplain.
Veg Condition Good /Poor
Fire None evident
Notes Moderate leaf litter mainly under shrubs, Sparse wood litter.

Species List:

Name	Cover
<i>Abutilon fraseri</i>	n
<i>Acacia citrinoviridis</i>	4
<i>Aerva javanica</i>	n
<i>Amyema hilliana</i>	n
<i>Atalaya hemiglauca</i>	2
<i>Boerhavia ? gardneri</i>	n
<i>Cenchrus ciliaris</i>	4
<i>Cenchrus setiger</i>	4
<i>Cleome viscosa</i>	n
<i>Corchorus crozophorifolius</i>	n
<i>Duperreya commixta</i>	n
<i>Enneapogon lindleyanus</i>	n
<i>Eremophila longifolia</i>	n
<i>Eriachne pulchella</i> subsp. <i>dominii</i>	n
<i>Eucalyptus victrix</i>	n
<i>Phyllanthus maderaspatensis</i>	n
<i>Polycarpaea longiflora</i>	n
<i>Waltheria indica</i>	n

Phase 1 **Site** A77
Described CW **Date** 11/06/200 **Type:** **Quadrat** 50 x 50 m
MGA Zone 50 K 735081 **mE** 7494023 **mN**
Habitat Flat plain adjacent to drill site and track
Soil red-orange sandy clay with loose Soil
Rock Type ferrous
Vegetation *Acacia pyrifolia* var. *pyrifolia* open low woodland, over *Acacia tumida* var. *pilbarensis* and *Acacia ancistrocarpa* open tall shrubland, over *Petalostylis labicheoides*, *Indigofera monophylla* and *Corchorus parviflorus* sparse low shrubland, over *Aristida inaequiglumis* and *Aristida holathera* var. *holathera* open tussock grassland, over isolated clumps of *Triodia basedowii* hummock grasses.
 Updated, Photo: 129-1300/1 CW, Flat plain adjacent to drill site and track.
Veg Condition Good
Fire None evident
Notes Negligible leaf litter and negligible wood litter.

Species List:

Name	Cover
<i>Acacia ancistrocarpa</i>	2
<i>Acacia pyrifolia</i> var . <i>pyrifolia</i>	3
<i>Acacia tumida</i> var . <i>pilbarensis</i>	2
<i>Aristida holathera</i> var . <i>holathera</i>	3
<i>Aristida inaequiglumis</i>	3
<i>Cenchrus ciliaris</i>	N
<i>Cleome viscosa</i>	1
<i>Corchorus parviflorus</i>	2
<i>Dicrastylis cordifolia</i>	1
<i>Eragrostis eriopoda</i>	3
<i>Gossypium australe</i>	1
<i>Indigofera monophylla</i>	2
<i>Mollugo molluginea</i>	1
<i>Petalostylis labicheoides</i>	2
<i>Pterocaulon sphaeranthoides</i>	1
<i>Ptilotus astrolasius</i> var . <i>astrolasius</i>	1
<i>Ptilotus calostachyus</i> var . <i>calostachyus</i>	1
<i>Ptilotus polystachyus</i> var . <i>arthrotrichus</i>	2
<i>Senna notabilis</i>	1
<i>Sida</i> ? <i>cardiophylla</i>	1
<i>Solanum phlomoides</i>	1
<i>Tephrosia rosea</i> var . <i>glabrior</i>	2
<i>Trichodesma zeylanicum</i>	1
<i>Triodia basedowii</i>	1

Phase 1 **Site** A78
Described CW **Date** 11/06/200 **Type:** **Quadrat** 50 x 50 m
MGA Zone 50 K 733148 **mE** 7495985 **mN**
Habitat Flat plain (triodia steppe)
Soil red-orange sandy clay with loose Soil
Rock Type fine gravel (ferrous)
Vegetation *Petalostylis labicheoides* open mid shrubland, over isolated low shrubs of *Ptilotus astrolasius* var. *astrolasius* and *Corchorus parviflorus* and *Bonamia rosea*, over isolated clumps of *Eragrostis eriopoda* tussock grasses, over *Triodia basedowii* hummock grassland. Updated, Photo: 129-1302 CW, Flat plain (triodia steppe).
Veg Condition Good
Fire None evident
Notes Negligible leaf litter, negligible wood litter.

Species List:

Name	Cover
<i>Acacia ancistrocarpa</i>	1
<i>Acacia citrinoviridis</i>	n
<i>Bonamia rosea</i>	3
<i>Corchorus parviflorus</i>	1
<i>Dicrastylis cordifolia</i>	1
<i>Eragrostis eriopoda</i>	1
<i>Hakea chordophylla</i>	1
<i>Indigofera monophylla</i>	1
<i>Petalostylis labicheoides</i>	2
<i>Ptilotus astrolasius</i> var . <i>astrolasius</i>	1
<i>Scaevola parvifolia</i> subsp. <i>parvifolia</i>	2
<i>Senna artemisioides</i> subsp. <i>oligophylla</i>	n
<i>Triodia basedowii</i>	4
<i>Triodia schinzii</i>	2

Phase 1 **Site** A79
Described CW **Date** 10/06/200 **Type:** **Quadrat** 50 x 50 m
MGA Zone 50 K 731928 **mE** 7497342 **mN**
Habitat Flat plain
Soil red-orange sandy clay with loose Soil
Rock Type
Vegetation *Eucalyptus gamophylla* mallee woodland, over *Acacia tenuissima* open tall shrubland, over *Senna artemisioides* subsp. *oligophylla*, *Sida cardiophylla* and *Bonamia rosea* sparse low shrubland, over *Aristida holathera* var. *holathera* sparse tussock grassland, over *Triodia basedowii* open hummock grassland. Updated, Photo: 128-1298 CW, Flat plain.
Veg Condition Excellent
Fire None evident
Notes Sparse leaf litter mainly under shrubs, sparse wood litter.

Species List:

Name	Cover
<i>Acacia ancistrocarpa</i>	1
<i>Acacia citrinoviridis</i>	1
<i>Acacia dictyophleba</i>	1
<i>Acacia inaequilatera</i>	1
<i>Acacia tenuissima</i>	3
<i>Aristida holathera</i> var. <i>holathera</i>	2
<i>Bonamia rosea</i>	3
<i>Corchorus tectus</i>	1
<i>Eragrostis eriopoda</i>	1
<i>Eucalyptus gamophylla</i>	3
<i>Grevillea wickhamii</i> subsp. <i>hispidula</i>	1
<i>Hakea lorea</i> subsp. <i>lorea</i>	n
<i>Hakea lorea</i> subsp. <i>lorea</i>	1
<i>Hybanthus aurantiacus</i>	n
<i>Mollugo molluginea</i>	2
<i>Paraneurachne muelleri</i>	1
<i>Ptilotus astrolasius</i> var. <i>astrolasius</i>	1
<i>Ptilotus calostachyus</i> var. <i>calostachyus</i>	1
<i>Senna artemisioides</i> subsp. <i>oligophylla</i>	2
<i>Senna glutinosa</i> subsp. ?	n
<i>Sida cardiophylla</i>	2
<i>Sida</i> sp. articulation below (A.A. Mitchell PRP 1605)	1
<i>Solanum lasiophyllum</i>	1
<i>Triodia basedowii</i>	3

Phase 1 **Site** A80
Described MH **Date** 10/06/200 **Type:** 50 x 50 m
MGA Zone 50 K 731303 **mE** 7497518 **mN**
Habitat Foothslope, gentle slope
Soil Red-orange sandy clay
Rock Type Fine gravel (ferrous), loose Soil
Vegetation *Grevillea wickhamii* subsp. *hispidula* sparse tall shrubland, over *Gossypium australe* sparse mid shrubland, over *Bonamia rosea* sparse low shrubland, over *Triodia basedowii* hummock grassland.
 Updated, Photo:1064+65 MH, Foothslope, gentle slope.
Veg Condition Excellent (tracks nearby)
Fire None evident
Notes Neg leaf and wood litter.
 Sandy foothslope.

Species List:

Name	Cover
<i>Acacia ancistrocarpa</i>	n
<i>Acacia bivenosa</i>	n
<i>Acacia dictyophleba</i>	n
<i>Acacia elachantha</i>	n
<i>Acacia spondylophylla</i>	n
<i>Aristida inaequiglumis</i>	n
<i>Bonamia rosea</i>	2
<i>Corchorus tectus</i>	n
<i>Cullen leucochaetes</i>	2
<i>Dicrastylis cordifolia</i>	n
<i>Eragrostis eriopoda</i>	1
<i>Gossypium australe</i>	2
<i>Grevillea wickhamii</i> subsp. <i>hispidula</i>	2
<i>Hybanthus aurantiacus</i>	1
<i>Indigofera monophylla</i>	n
<i>Mollugo molluginea</i>	1
<i>Petalostylis cassioides</i>	n
<i>Ptilotus astrolasius</i> var . <i>astrolasius</i>	n
<i>Senna artemisioides</i> subsp. <i>oligophylla</i>	n
<i>Senna artemisioides</i> subsp. <i>oligophylla</i>	n
<i>Sida arenicola</i>	n
<i>Sida cardiophylla</i>	n
<i>Solanum lasiophyllum</i>	n
<i>Tephrosia rosea</i> var . <i>glabrior</i>	n
<i>Triodia basedowii</i>	4

Phase 1 **Site** A81
Described CW **Date** 10/06/200 **Type:** 50 x 50 m
MGA Zone 50 K 729168 mE 7499069 mN
Habitat Flat/plain
Soil Red-orange sandy clay
Rock Type Fine gravel, loose Soil, coarse gravel/pebbles
Vegetation Isolated low trees of *Hakea chordophylla*, over *Eucalyptus gamophylla* mallee woodland over *Acacia ancistrocarpa* and *Grevillea wickhamii* subsp. *hispidula* sparse mid shrubland, over *Senna artemisioides* subsp. *oligophylla*, *Acacia ancistrocarpa* and *Bonamia rosea* sparse low shrubland, over *Eragrostis eriopoda* sparse tussock grassland, over *Triodia basedowii* open hummock grassland. Updated, Photo 128-1288 CW, Flat/plain.
Veg Condition Good (old exploration tracks and drill sites)
Fire None evident
Notes Sparse leaf litter, neg wood litter, mainly under shrubs and trees.

Species List:

Name	Cover
<i>Acacia ancistrocarpa</i>	1
<i>Acacia dictyophleba</i>	1
<i>Acacia pachyacra</i>	1
<i>Acacia sericophylla</i>	1
<i>Acacia spondylophylla</i>	1
<i>Acacia tumida</i> var . <i>pilbarensis</i>	1
<i>Bonamia rosea</i>	2
<i>Cleome viscosa</i>	n
<i>Corchorus tectus</i>	1
<i>Dicrastylis cordifolia</i>	1
<i>Eragrostis eriopoda</i>	2
<i>Eriachne aristidea</i>	n
<i>Eucalyptus gamophylla</i>	3
<i>Gossypium australe</i>	1
<i>Grevillea wickhamii</i> subsp. <i>hispidula</i>	1
<i>Hakea chordophylla</i>	1
<i>Hibiscus sturtii</i> var . <i>platychlamys</i>	1
<i>Hybanthus aurantiacus</i>	1
<i>Indigofera monophylla</i>	n
<i>Mollugo molluginea</i>	1
<i>Paraneurachne muelleri</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>	2
<i>Sida arenicola</i>	1
<i>Solanum lasiophyllum</i>	1
<i>Tephrosia rosea</i> var . <i>glabrior</i>	1
<i>Triodia basedowii</i>	3

Phase 1 **Site** A82

Described CW **Date** 10/06/200 **Type:**

MGA Zone 50 K 730014 mE 7500634 mN

Habitat Flat/plain, Triodia steppe

Soil Red-orange sandy clay

Rock Type Fine gravel, loose Soil

Vegetation *Acacia dictyophleba* open mid shrubland, over *Hibiscus sturtii* var. *platychlamys*, *Acacia dictyophleba* and *Corchorus tectus* sparse low shrubland, over *Eragrostis eriopoda* and *Cenchrus ciliaris* sparse tussock grassland, over *Triodia basedowii* hummock grassland. Updated, Photo: 128-1297 CW, Flat/plain, Triodia steppe.

Veg Condition Good (tracks)

Fire None evident

Notes Sparse leaf litter, neg wood litter, mainly under shrubs.

Species List:

Name	Cover
<i>Acacia dictyophleba</i>	3
<i>Acacia synchronicia</i>	n
<i>Cenchrus ciliaris</i>	2
<i>Corchorus tectus</i>	3
<i>Eragrostis eriopoda</i>	2
<i>Eulalia aurea</i>	1
<i>Gossypium australe</i>	1
<i>Hibiscus sturtii</i> var . <i>platychlamys</i>	3
<i>Sida</i> sp. <i>articulation below</i> (A.A. Mitchell PRP 1605)	1
<i>Triodia basedowii</i>	4

Species List:

Name	Cover
<i>Abutilon dioicum</i>	n
<i>Acacia dictyophleba</i>	n
<i>Acacia hilliana</i>	n
<i>Acacia sericophylla</i>	n
<i>Acacia spondylophylla</i>	n
<i>Austrobryonia pilbarensis</i>	n
<i>Datura leichhardtii</i>	n
<i>Enneapogon caeruleus</i>	n
<i>Enteropogon ramosus</i>	n
<i>Eremophila forrestii</i> subsp. <i>forrestii</i>	1
<i>Eremophila lanceolata</i>	n
<i>Eremophila longifolia</i>	2
<i>Eucalyptus xerothermica</i>	n
<i>Evolvulus alsinoides</i> var. <i>villosicalyx</i>	n
<i>Goodenia microptera</i>	N
<i>Goodenia microptera</i>	n
<i>Hibiscus sturtii</i> var. <i>platychlamys</i>	n
<i>Indigofera linifolia</i>	n
<i>Indigofera linifolia</i>	n
<i>Pterocaulon sphaeranthoides</i>	n
<i>Salsola australis</i>	n
<i>Solanum sturtianum</i>	n
<i>Tephrosia</i> sp. Bungaroo Creek (M.E. Trudgen 11601)	n