

Appendix 3. Biocondition Review: Riparian Offset Zones on Upper Bank.

Field Data Summary Sheets

Site No.: EB747 **Property:** Eden Bann **AMTD:** 145km Left Bank
Offset Area (option): 12ha (67) **Offset Target RE (Status):** 11.3.4/11.3.25 (O-dom)
Pre-clearing RE: 11.3.25e **RE Benchmark Score (Total):** 48 **Site Score:** 62
Site Description: Eucalyptus regrowth patchy open woodland with grassy understorey of introduced pasture species on flooded channels, higher levee banks and flood over plain with a shrub layer occasionally dominated by low trees. Refer photo EB747

Benchmark Score for Riparian offset zone EB747 - Benchmark RE 11.3.3/11/3/25e.

Habitat Element	Benchmark RE Value	Site Figures	Comments
Large Trees	10	2	This zone was not found to include significant mappable areas of woody native vegetation at 50/70% of pre clearing woodland dimensions.
% Cover	62%	10%	
Canopy health	19%	10%	
Recruitment	71%	100%	
Hollows	3	0	Manufactured nest boxes is the likely means of raising the hollow score in the short term.
Logs	8	3	Only a few fallen logs were observed farther afield in the adjoining regrowth environments elsewhere in the zone. Past selective logging has accounted for most larger trees.
Decaying logs	1	1	
Ground Cover			This site has a range of different grasses and a range of native herbs..
Perennial grass	14%	11%	
Perennial herbs	5%	0%	
Annual grass/herb	1%	7%	
Litter	38%	43%	
Tree Richness	4	5	<i>Eucalyptus tereticornis, E. coolabah, C.tessellaris, Allocasuarina cunninghamiana</i>
Shrub Richness	2	4	Cocky apple, hickory wattle, sandpaper fig and dysentery plant were all present but uncommon
Shrub Cover	2.5%	2%	
Grass Richness	3	9	<i>One of the best sites visited for grass diversity. Yet it is still dry here with grasses curing off.</i>
Herb Richness	4	7	<i>Good herb diversity although dry and curing off also</i>
Other Richness	1	0	
Weeds	0 (34% av.)	40%	Snakeweed, sensitive plant and parthenium as signals of total grazing pressure
Patch Size	6	10	Set within a neighbourhood of remnant vegetation from the hilly serpentine landscape
Connectivity	2	5	
Context	3	5	

Current management: Vehicle access reasonable at times in dry season. Inundation will restrict vehicle access to site, boat access otherwise reasonable to edge of site. A lot of regrowth of canopy species across site if left untouched. This site critical to pastoral viability of the block, and thus potentially contributes significantly to grazing regime viability of the property. Leasehold with greater vegetation controls existing due to proximity of serpentine ecosystems on the hills adjoining the site.

Eden Bann Weir

Site No.: EB744

Property: Mt Fairview

AMTD: 150km Right Bank

Offset Area (option): 39.4ha

Offset Target RE (Status): 11.3.3/11.3.25 (O-dom)

Pre-clearing RE: 11.3.25e

RE Benchmark Score (Total): 57 Site Score: 52

Site Description: Broad strip of patchy regrowth riparian vegetation on the broad upper bank. Good shrub density but sparse on trees, mostly *Planchonia carreya*. Lightly grazed at present with numerous mid aged regrowth saplings. Tall grass also. Refer photo EB744.

Benchmark Score for Riparian offset zone EB744 - Benchmark RE 11.3.25e.

Habitat Element	Benchmark RE Value	Site Figures	Comments
Large Trees	10	1	This zone was not found to include significant mappable areas of woody native vegetation at 50/70% of pre clearing woodland dimensions.
% Cover	62%	39%	
Canopy health	19%	19%	
Recruitment	71%	100%	
Hollows	3	0	Manufactured nest boxes is the likely means of raising the hollow score in the short term.
Logs	8	10	Often common in several parts of this zone from logging in recent times.
Decaying logs	1	3	
Ground Cover			A lot of native grass cover Few herbs evident enough to identify
Perennial grass	14%	25%	
Perennial herbs	5%	2%	
Annual grass/herb	1%	0%	
Litter	38%	50%	
Tree Richness	4	3	<i>Eucalyptus tereticornis</i> , <i>E. coolabah</i> , <i>C.tessellaris</i> .
Shrub Richness	2	2	<i>Ficus</i> spp..
Shrub Cover	2.5%	15%	
Grass Richness	3	6	7 grass species located
Herb Richness	4	4	
Other Richness	1	0	(but we did find <i>Passiflora</i> vines??)
Weeds	0 (34% av.)	10%	<i>Urochloa mozambicensis</i> covers up to 35% of the ground in places. No green panic seen here today
Patch Size	6	5	Site is spatially long and narrow and neighbouring cleared land is utilised for pasture.
Connectivity	2	2	
Context	3	2	

Current management: Appears to be past timber control, possibly chemical pellets (haven't asked the landholder).

Access simple by boat from Eden Bann Weir but a long way around by motor vehicle to get here.

Navigation easy to follow and crossing the alluvial plain from last cattle yards is not easy with undulating terrain, flood runners and gullies etc.

Eden Bann Weir

Site No.: EB745

Property: Mt Fairview

AMTD: 155km Right Bank

Offset Area (option): 28.4ha

Offset Target RE (Status): 11.3.3/11.3.25 (O-dom)

Pre-clearing RE: 11.3.25e

RE Benchmark Score (Total): 57 Site Score: 50

Site Description: Sandy loamy levee with *Eucalyptus tereticornis* disturbed regrowth very sparse open woodland over a grassy understorey with several shrubs occasionally. Light grassy layer is not dominated by the introduced pasture species on a slightly sloping bank up to the Alluvial plain. The plain above bank is mostly cleared with scattered regrowth to a few meters high. Refer Photo EB745

Benchmark Score for Riparian offset zone EB745 - Benchmark RE 11.3.25e.

Habitat Element	Benchmark RE Value	Site Figures	Comments
Large Trees	10	2	This zone was not found to include significant mappable areas of woody native vegetation at 50/70% of pre clearing woodland dimensions.
% Cover	62%	41%	
Canopy health	19%	8%	
Recruitment	71%	100%	
Hollows	3	0	Manufactured nest boxes is the likely means of raising the hollow score in the short term.
Logs	8	5	Standing timber very young in adjoining remnant woodlands in inundation zone. Not likely source of additional logs.
Decaying logs	1	2	
Ground Cover			Several native grasses common though not thick, few herbs locatable and grasses well cured this visit
Perennial grass	14%	12%	
Perennial herbs	5%	1%	
Annual grass/herb	1%	0%	
Litter	38%	70%	
Tree Richness	4	3	<i>Eucalyptus tereticornis</i> , <i>E. coolabah</i> , <i>C.tessellaris</i>
Shrub Richness	2	2	widespread but sparse
Shrub Cover	2.5%	4%	
Grass Richness	3	3	<i>3 probably limited by degree of pasture curing</i>
Herb Richness	4	3	<i>3 again lower due to dry season</i>
Other Richness	1	1	<i>Eustrephus latifolius</i> present.
Weeds	0 (34% av.)	10%	Mostly secca stylo. Few if any non-native pasture grasses
Patch Size	6	2	Site is spatially long and narrow and neighbouring cleared land is utilised for pasture.
Connectivity	2	2	
Context	3	2	

Current management: Close to the farm access track, 500ktr across the black soil alluvial flat plain. Stock commonly watering at river edge along here.

Eden Bann Weir

Site No.: EB746

Property: Mt Fairview

AMTD: 159km Right Bank

Offset Area (option): 7.4ha (19.8) Offset Target RE (Status): 11.3.3/11.3.25 (O-dom)

Pre-clearing RE: 11.3.3

RE Benchmark Score (Total): 58

Site Score: 46

Site Description: Site situated on upper bank AND continuing into alluvial plain with highly disturbed 11.3.3 woodland on sandy loam clay soil. Refer photo EB746

Benchmark Score for Riparian offset zone EB746 - Benchmark RE 11.3.25e.

Habitat Element	Benchmark RE Value	Site Figures	Comments
Large Trees	7	2	This zone was not found to include significant mappable areas of woody native vegetation at 50/70% of pre clearing woodland dimensions.
% Cover	77%	40%	
Canopy health	22%	17%	
Recruitment	66%	100%	
Hollows	2	0	Manufactured nest boxes is the likely means of raising the hollow score in the short term.
Logs	11	2	We found a limited few in the surrounding environment, mostly they were below the proposed inundation level. Salvage timber present and suggests a potential source of fallen logs.
Decaying logs	2	1	
Ground Cover			This site has a relatively good range of different grasses and a reasonable range of native herbs for the dry season of sampling.
Perennial grass	13%	6%	
Perennial herbs	3%	14%	
Annual grass/herb	1%	0%	
Litter	42%	21%	
Tree Richness	3	5	<i>Eucalyptus coolabah</i> , <i>C.tessellaris</i> , <i>Acacia salicina</i> and <i>Lysiphylum sp.</i>
Shrub Richness	2	2	. <i>Bauhinia</i> and sandpaper fig present but patchy distribution.
Shrub Cover	1%	6%	
Grass Richness	3	6	
Herb Richness	4	6	Many herbs were found here, possibly sheltered by tree canopy
Other Richness	1	2	<i>Eustrephus latifolius</i> present.
Weeds	0 (30% av.)	15%	Rhodes and buffel, grass, green panic, secca stylo plus large scald areas on the flat ground
Patch Size	5	2	Site is spatially long and narrow and neighbouring cleared land is utilised for pasture.
Connectivity	2	2	
Context	3	2	

Current management: As with EB745 Close to the farm access track, 500ktr across the black soil alluvial flat plain. Stock commonly watering at river edge along here.

Eden Bann Weir

Site No.: EB717 **Property:** Glenavon **AMTD:** 155km Left Bank
Offset Area (option): 5.2ha **Offset Target RE (Status):** 11.3.3/11.3.25 (O-dom)
Pre-clearing RE: 11.3.25e **RE Benchmark Score (Total):** 57 **Site Score:** 43
Site Description: Bluegum woody regrowth open woodland with grassy understory of introduced pasture species as land is utilised for grazing purposes. This site was historically logged and several logs have been left behind. Photo EB717

Benchmark Score for Riparian offset zone EB717 - Benchmark RE 11.3.25e.

Habitat Element	Benchmark RE Value	Site Figures	Comments
Large Trees	10	0	No larger trees but many saplings and seedlings present. Saplings are patchy and inconsistent. Site will require replanting to increase sapling number to replace lost canopy cover. This zone was not found to include significant mappable areas of woody native vegetation at 50/70% of pre clearing woodland dimensions.
% Cover	62%	40%	
Canopy health	19%	16%	
Recruitment	71%	100%	
Hollows	3	0	Due to absence of large trees hollows will have to be supplemented by manufactured nesting boxes in the short term.
Logs	8	4	There are a number of logs in surrounding areas that may be utilised at this site.
Decaying logs	1	0	
Ground Cover			Scores close to benchmark in ground layer
Perennial grass	14%	11%	
Perennial herbs	5%	10%	
Annual grass/herb	1%	0%	
Litter	38%	33%	
Tree Richness	4	4	Tree layer dominated by <i>Eucalyptus tereticornis</i>
Shrub Richness	2	1	<i>Ficus opposita</i> present over entire area, occasional <i>Planchonia careya</i> .
Shrub Cover	2.5%	4%	
Grass Richness	3	4	Several native grasses are present including; <i>Arundinella nepalensis</i> , <i>Chionachne cyathopoda</i> and <i>Themeda triandra</i> . All of which have good cover to compliment species number.
Herb Richness	4	3	Succulents and salt bushes.
Other Richness	1	0	No large trees for orchids.
Weeds	0 (34% av.)	60%	Weed cover consisting of introduced pasture species varies over the entire targeted site. 60% is the approximate maximum in any area.
Patch Size Score	6	2	This site is isolated and virtually stands alone in water on 2 sides, pasture and hill on the others.
Connectivity Score	2	0	
Context Score	3	2	

Current management: Currently this land is utilized for grazing purposes and will not be completely accessible with the extended weir height as access is via the crossing at Princhester Creek which will be inundated. Other parts of the site, further west will be a problem to access also as there are several gullies to cross that will too be inundated. There is the occasional large tree which may be available for salvage timber but as stated above access may be difficult. Most of this site is gentle swales and scrolls of black sandy loam that become back washes when the river is full or in flood and one part of this site is that of a side of a steep serpentinite hill. Fencing consists of a old constructed one at the foot of the serpentinite hill which is maintained by the property owner and a road runs on the lower part of this fence.

Eden Bann Weir

Site No.: EB721/722

Property: Glenavon

AMTD: 165km Left Bank

Offset Area (option): 33.2

Offset Target RE (Status): 11.3.3/11.3.25 (O-dom)

Pre-clearing RE: 11.3.25e

RE Benchmark Score (Total): 57 Site Score: 30

Site Description: Sandy loamy levee with *Eucalyptus tereticornis* sparse regrowth open woodland over a grassy understorey with several shrubs. Grass layer is dominated by introduced pasture species on a slightly sloping bank. Alluvial plain above bank is currently being cleared and riparian offset zone understory has recently been thinned. Photo EB721

Benchmark Score for Riparian offset zone EB721 - Benchmark RE 11.3.25e.

Habitat Element	Benchmark RE Value	Site Figures	Comments
Large Trees	10	4	Seed trees present but very sparse, with sparse regrowth and in smaller age classes. This zone was not found to include significant mappable areas of woody native vegetation at 50/70% of pre clearing woodland dimensions.
% Cover	62%	0%	
Canopy health	19%	0%	
Recruitment	71%	100%	
Hollows	3	1	Manufactured nest boxes is the likely means of raising the hollow score in the short term.
Logs	8	5	Plain above site (to north west) is currently being cleared and may provide logs to this and nearby sites.
Decaying logs	1	0	
Ground Cover			Low scores reflect seasonal conditions combined with dominance of pasture grasses.
Perennial grass	14%	3%	
Perennial herbs	5%	1%	
Annual grass/herb	1%	0%	
Litter	38%	15%	
Tree Richness	4	2	Only two canopy species present as regrowth/suckers. Includes <i>Corymbia tessellaris</i> and <i>Eucalyptus tereticornis</i> .
Shrub Richness	2	2	Currently shrub richness is satisfies the benchmark but plants are sparse. Shrubs at this site include <i>Ficus opposita</i> and <i>Planchonia careya</i>
Shrub Cover	2.5%	0%	
Grass Richness	3	3	Grasses included on this site are; <i>Arundinella nepalensis</i> , <i>Themeda triandra</i> and <i>Heteropogon contortus</i> .
Herb Richness	4	1	Single species found amongst introduced pasture but density is sparse over entire site.
Other Richness	1	0	Nil found in searches.
Weeds	0 (34% av.)	60%	Dominance of exotic pasture grass <i>Urochloa sp</i> over entire site.
Patch Size	6	5	Patch is large and generates a higher score than most other sites, but is apart of a much more open plain, which has been cleared for grazing purposes.
Connectivity	2	2	
Context	3	2	

Current management: Access to this site was via a road-less plain which is currently being cleared by the property owner and few gullies and back washes break the plain and may cause any roads to be weather dependent. A few good straight timber trees in inundation zone which may be possible for salvage timber. Slopes on site is gentle and in some places reduced to almost none and soil is sandy loam. There are no fences in any appropriate distance apparent and tie off points are not perceptible either.

Eden Bann Weir

Site No.: EB725

Property: Coorumburra

AMTD: 173km Left Bank

Offset Area (option): 16.8ha

Offset Target RE (Status): 11.3.4/11.3.25 (O-dom)

Pre-clearing RE: 11.3.4

RE Benchmark Score (Total): 50

Site Score: 37

Site Description: Site situated on upper bench, continuing into alluvial plain with highly disturbed 11.3.4 woodland on sandy loam clay soil. Photo EB725

Benchmark Score for Riparian offset zone EB725 - Benchmark RE 11.3.4.

Habitat Element	Benchmark RE Value	Site Figures	Comments
Large Trees	8	1	Mature scattered seed trees, sparse regrowth saplings. This zone was not found to include significant mappable areas of woody native vegetation at 50/70% of pre clearing woodland dimensions.
% Cover	58%	0%	
Canopy health	12%	0%	
Recruitment	81%	100%	
Hollows	3	1	Manufactured nest boxes is the likely means of raising the hollow score in the short term.
Logs	7	0	Ground appears to have been cleaned by past mechanical stick racking and fires.
Decaying logs	2	0	
Ground Cover			Site dominated by various pasture grasses.
Perennial grass	14%	81%	
Perennial herbs	1%	0%	
Annual grass/herb	3%	0%	
Litter	35%	16%	
Tree Richness	4	3	<i>Eucalyptus tereticornis</i> , <i>Corymbia tessellaris</i> , <i>Eucalyptus coolabah</i> present, occasional <i>Acacia salicina</i> .
Shrub Richness	2	2	There are few shrubs over 1mtr tall to satisfy the cover percentage.
Shrub Cover	3%	0%	
Grass Richness	3	5	Species richness complimented by high grass density at this site. Grasses include: <i>Bothriochloa decipiens</i> , <i>Themeda triandra</i> , and <i>Sorghum arundinaceum</i> .
Herb Richness	3	8	Herbs at this site include: <i>Veronia sp.</i> , <i>Portulaca oleracea</i> , <i>Portulaca pilosa</i> and <i>Cyperus sp.</i>
Other Richness	0	2	Includes occasional <i>Cymbidium canaliculatum</i> (Black orchid)
Weeds	0 (44% av.)	3%	Surprisingly low weed cover as ground layer is dominated by native grass.
Patch Size Score	2	2	Connecting vegetation was narrower than required width to generate a score for connectivity. Site is currently being utilised for grazing purposes.
Connectivity	0	0	
Context Score	3	2	

Current management: Site access is relatively difficult and is definitely weather dependent as access is over a clay plain and around lagoon. There is some timber on site but is generally sparse but this mill-able timber is hard to access because of the steep bank. Site is flat alluvial soil with no fencing evident but tie off points believed to be 2km east and 1km north (as per EB724).

Eden Bann Weir

Site No.: EB724

Property: Coorumburra

AMTD: 178km Left Bank

Offset Area (option): 30.3

Offset Target RE (Status): 11.3.4/11.3.25 (O-dom)

Pre-clearing RE: 11.3.4

RE Benchmark Score (Total): 50

Site Score: 52

Site Description: Disturbed eucalyptus regrowth open woodland on top bank above remnant vegetation on steep river bank. Plain above bank has few scattered mature trees, 100mtr from top of bank on sandy loam soil. This site is generally located on the alluvial plain as riverbank is very narrow and steep. Photo EB724

Benchmark Score for Riparian offset zone EB724 - Benchmark RE 11.3.4.

Habitat Element	Benchmark RE Value	Site Figures	Comments
Large Trees	8	0	No large trees although many existing in the river fringe. This zone was not found to include significant mappable areas of woody native vegetation at 50/70% of pre clearing woodland dimensions.
% Cover	58%	0%	
Canopy health	12%	0%	
Recruitment	81%	100%	
Hollows	3	0	Manufactured nest boxes are the likely means of raising the hollow score in the short term.
Logs	7	7	Log number and log decay currently satisfy the bench mark value
Decaying logs	2	2	
Ground Cover			Cleared alluvial woodland now dominated by native grassy pasture.
Perennial grass	14%	24%	
Perennial herbs	1%	5%	
Annual grass/herb	3%	0%	
Litter	35%	26%	
Tree Richness	4	3	Three main canopy species present including <i>Eucalyptus tereticornis</i> and <i>Eucalyptus coolabah</i> .
Shrub Richness	2	2	Currently Shrub Richness is healthy but shrubs are sparse and include <i>Grewia latifolia</i> and <i>Ficus opposita</i> .
Shrub Cover	3%	0%	
Grass Richness	3	6	Various grasses present include: <i>Heteropogon contortus</i> , <i>Arundinella nepalensis</i> , <i>Themeda triandra</i> and <i>Sorghum arundinaceum</i> .
Herb Richness	3	1	Low herb count is counteracted by grass dominance and dry seasonal conditions.
Other Richness	0	0	This particular RE is a low 'other' species community.
Weeds	0 (44% av.)	15%	High densities of native pasture grasses dominate.
Patch Size Score	2	2	Benchmark score from small sample size – not a very reliable value.
Connectivity Score	0	2	
Context Score	3	2	

Current management: Access to site via a road-less plain, relatively safe to cross except for the odd log in grass and weather dependent wet spots. Salvage timber is minimal in inundation zone and may be hard to extract due to steep bank and vegetation damage. Slope is minor and soil is light sandy loam to alluvial clays. Fencing at site ends available for tie off points but gullies between may cause flood damage to any fence that may be constructed here. Site has evidence of historical clearing and is currently utilised for pasture grazing.

Eden Bann Weir

Site No.: EB734

Property: Redbank

AMTD: 181km Left Bank

Offset Area (option): 8.5ha

Offset Target RE (Status): 11.3.25 (Not Of C)

Pre-clearing RE: 11.3.25e

RE Benchmark Score (Total): 57 Site Score: 45

Site Description: Steep break away, sloping river bank of alluvial soil. *Eucalyptus tereticornis* disturbed woody regrowth open-woodland historically logged on slope and the landscaper currently managed on the alluvial plain above for pasture purposes. Photo EB734

Benchmark Score for Riparian offset zone EB734 - Benchmark RE 11.3.25e.

Habitat Element	Benchmark RE Value	Site Figures	Comments
Large Trees	10	1	Narrow river strip suggest any regeneration zone may need to extend onto alluvial plain to achieve minimum riparian widths. If regenerative plantings were so applied it seems relevant to observe that a 15mtr wide riparian strip is less likely to be sustainable over time than a broader 50mtr wide riparian woodland corridor. This zone was not found to include significant mappable areas of woody native vegetation at 50/70% of pre clearing woodland dimensions.
% Cover	62%	21%	
Canopy health	19%	6%	
Recruitment	71%	67%	
Hollows	3	1	Manufactured nest boxes is the likely means of raising the hollow score in the short term.
Logs	8	0	Very few logs and decay often set in and log density is low in entire vicinity.
Decaying logs	1	0	
Ground Cover			Various species of grass are present as per Grass Richness and is complemented by dominating ground cover.
Perennial grass	14%	41.5%	
Perennial herbs	5%	0%	
Annual grass/herb	1%	2%	
Litter	38%	23.5%	
Tree Richness	4	2	<i>Corymbia tessellaris</i> and <i>Eucalyptus tereticornis</i> are included but very sparse.
Shrub Richness	2	3	No shrubs above 1mtr tall. Plants are sparse over site.
Shrub Cover	2.5%	0%	
Grass Richness	3	5	There are various grass species at this site and they include; <i>Heteropogon contortus</i> , <i>Sorghum arundinaceum</i> and <i>Bothriochloa decipiens</i> .
Herb Richness	4	7	There is a high abundance of herbs at this site but do not have much density over site (Ground Cover).
Other Richness	1	1	A species of moss was discovered here.
Weeds	0 (34% av.)	20%	Weed cover will increase with improved seasonal weather conditions which mainly includes several introduced pasture species. .
Patch Size	6	0	
Connectivity	2	0	
Context	3	2	

Current management: Site is mostly flat to gentle slopes and gullies or runners of alluvial soils but bank and breakaway slope is quite steep in places. Access to site via a bare paddock from the Redbank homestead, over alluvial soil with lots of sticks and logs and a few gullies and runners which may be weather reliant to site. Nil logs available for salvage purposes as past logging has removed most trees. Fencing will be possibly threatened by gullies and runners in flooding season. Tie off points not apparent to north but fence to south available.

Eden Bann Weir

Site No.: EB736

Property: Redbank

AMTD: 177km Right Bank

Offset Area (option): 14.6ha

Offset Target RE (Status): 11.3.3/11.3.25 (O-dom)

Pre-clearing RE: 11.3.25e

RE Benchmark Score (Total): 57 Site Score: 30

Site Description: Base of upper bank below levee – start of plain on edge of remnant strip of riparian vegetation. Disturbed and cleared 11.3.25e with few native grasses but mainly dominated by introduced pasture species for grazing purposes. Photo EB736

Benchmark Score for Riparian offset zone EB736 - Benchmark RE 11.3.25e.

Habitat Element	Benchmark RE Value	Site Figures	Comments
Large Trees	10	1	As per previous. Recruitment value taken from in site, it is lower in other parts of the disturbed area. This zone was not found to include significant mappable areas of woody native vegetation at 50/70% of pre clearing woodland dimensions.
% Cover	62%	0%	
Canopy health	19%	0%	
Recruitment	71%	50%	
Hollows	3	1	Manufactured nest boxes is the likely means of raising the hollow score in the short term.
Logs	8	1	Nil logs around or nearby to site and may have to be transported here from surrounding areas or sites.
Decaying logs	1	0	
Ground Cover			Native grasses include several species but density is low.
Perennial grass	14%	16%	
Perennial herbs	5%	0%	
Annual grass/herb	1%	0%	
Litter	38%	8.5%	
Tree Richness	4	2	Dominant canopy species present, <i>Eucalyptus coolabah</i> and <i>Eucalyptus tereticornis</i>
Shrub Richness	2	1	Seldom in zone, common in adjoining remnant. <i>Ficus opposita</i> present in site.
Shrub Cover	2.5%	0%	
Grass Richness	3	5	Various grass species occur in this site and include: <i>Bothriochloa decipiens</i> , <i>Arundinella nepalensis</i> , <i>Heteropogon contortus</i> and <i>Panicum decompositum</i> .
Herb Richness	4	5	Herb variety includes: <i>Marsilea dummondii</i> , <i>Lomandra longifolia</i> and <i>Portulaca oleracea</i> .
Other Richness	1	1	Currently Other Species Richness is healthy and includes <i>Eustrephus latifolius</i> .
Weeds	0 (34% av.)	60%	<i>Megathyrsus maximus</i> var <i>pubiglumis</i> and <i>Cenchrus ciliaris</i> dominate the ground layer.
Patch Size	6	2	
Connectivity	2	2	
Context	3	2	

Current management: Need access track to be established, easiest access via existing tracks which cross gullies and runners from the Redbank homestead. Nil salvage logs available at site due to past clearing. Slope to site is approximately 12 degrees consisting of stable alluvial soils but wet weather access may be difficult. Nil fencing nearby – many runners and gullies complicate options to east for tie off. Property has been fully developed on river edges and a maintained vegetation corridor is completely utilised for grazing purposes.

Eden Bann Weir

Site No.: EB735

Property: Redbank

AMTD: 182km Right Bank

Offset Area (option): 16ha

Offset Target RE (Status): 11.3.4/11.3.25 (O-dom)

Pre-clearing RE: 11.3.25e

RE Benchmark Score (Total): 57 Site Score: 24

Site Description: *Eucalyptus tereticornis* disturbed open woodland on levee inside greater river bank had been historically ringbarked/poisoned on sandy loam soil with a thin grassy understorey. Levee is fairly flat but river bank is steep and is showing signs of erosion from run off water. Few shrubs on higher part of levee and on river bank. Photo EB735

Benchmark Score for Riparian offset zone EB735 - Benchmark RE 11.3.25e.

Habitat Element	Benchmark RE Value	Site Figures	Comments
Large Trees	10	1	Large trees very sparse and regrowth is young.
% Cover	62%	0%	Canopy species historically treated for enhanced grass growth. This zone was not found to include significant mappable areas of woody native vegetation at 50/70% of pre clearing woodland dimensions.
Canopy health	19%	0%	
Recruitment	71%	100%	
Hollows	3	1	Manufactured nest boxes is the likely means of raising the hollow score in the short term.
Logs	8	3	Dead standing trees on site (treated) and might be pushed and cut into smaller logs for site values.
Decaying logs	1	2	
Ground Cover			Heavy grazing activity keeping grass body low despite recent rains.
Perennial grass	14%	11%	
Perennial herbs	5%	3%	
Annual grass/herb	1%	0%	
Litter	38%	17%	
Tree Richness	4	4	Several trees species are available and they include <i>Eucalyptus coolabah</i> , <i>Eucalyptus tereticornis</i> , <i>Melaleuca bracteata</i> and several large plants of <i>Planchonia careya</i> .
Shrub Richness	2	1	<i>Ficus opposita</i> (Sandpaper fig) present but very sparse over entire area
Shrub Cover	2.5%	0%	
Grass Richness	3	2	Two natives (<i>Arundinella nepalensis</i> and <i>Heteropogon contortus</i>) occur but diversity of these grasses is sparse.
Herb Richness	4	2	Slow to recover from dry period. Herbs include <i>Sida cordifolia</i> and <i>Atriplex muelleri</i> .
Other Richness	1	0	Nil trees for orchids and nil vines.
Weeds	0 (34% av.)	65%	Weeds comprising of several introduce native grass species which include; <i>Megathyrsus maximus</i> var <i>pubiglumis</i> and <i>Cenchrus ciliaris</i> .
Patch Size	6	0	Site on lower bench of river and is basically cleared for grazing purposes. The site is then separated from plain above due to a steep bank which is highly susceptible to erosion.
Connectivity	2	0	
Context	3	0	

Current management: Maintained road along top of bank via Redbank homestead is fairly weather hardy sandy loam. Bank to site is steep and currently eroding maybe due to over grazing and clearing, but mostly likely the natural processes of the river. No commercial timber at site as it has been ringbarked or poisoned in the past. Currently grazed as larger paddock and fencing is minimal. Tie off points to south about 300mtr away along top of bank/property owner's road and approximately 500mtr to north to internal paddock fence. NB: trees may have been treated and residual poisons may be left at site.

Eden Bann Weir

Site No.: EB733

Property: Redbank

AMTD: 183.5km Left Bank

Offset Area (option): 6ha

Offset Target RE (Status): 11.3.25 (Not Of C)

Pre-clearing RE: 11.3.25e

RE Benchmark Score (Total): 57 Site Score: 22

Site Description: Back flow gully on higher open levee dominated by pasture species on a slightly sloping bank of sandy loam. *Eucalyptus tereticornis* disturbed regrowth woodland historically cleared. Site size for revegetation approximately ten hectares. Photo EB733

Benchmark Score for Riparian offset zone EB733 - Benchmark RE 11.3.25e.

Habitat Element	Benchmark RE Value	Site Figures	Comments
Large Trees	10	0	No large trees left due to past logging/heavy clearing. This zone was not found to include significant mappable areas of woody native vegetation at 50/70% of pre clearing woodland dimensions.
% Cover	62%	0%	
Canopy health	19%	0%	
Recruitment	71%	0%	
Hollows	3	0	Manufactured nest boxes is the likely means of raising the hollow score in the short term.
Logs	8	22	High number of logs on site due to reject timber from logging.
Decaying logs	1	6	
Ground Cover			Site dominated by introduced pasture species (see weed cover) and poor results also contributed by dry weather conditions at time of survey.
Perennial grass	14%	4%	
Perennial herbs	5%	8%	
Annual grass/herb	1%	0%	
Litter	38%	18%	
Tree Richness	4	3	Three canopy species present as very sparse saplings. <i>Melaleuca leucadendra</i> , <i>Melaleuca trichostachya</i> , <i>Eucalyptus tereticornis</i>
Shrub Richness	2	0	Site cleared for pasture and shrubs are out competed by grass.
Shrub Cover	2.5%	0%	
Grass Richness	3	2	There is two native grass species present but they do not have good density (see Ground cover).
Herb Richness	4	2	There are two native herb species at the site but they do not possess good density (see Ground Cover).
Other Richness	1	0	There are vines present in neighbouring communities but there are nil species on site.
Weeds	0 (34% av.)	90%	Weeds are represented in this case by the dominate ground layer of introduced pasture species, <i>Urochloa mozambicensis</i> .
Patch Size	6	0	Site has been cleared in the past and is kept clean by property owner. Site is now utilised for grazing purposes. It neighbours a slight band of remnant vegetation along the river to the east.
Connectivity	2	0	
Context	3	0	

Current management: At the full supply level access to this site will only be from Coorumburra Station via Marlborough as Redbank crossing will be immersed but roads are close to site and are quite weather tolerable. There is nil salvage timber at this site and few logs available for site. Site is that of a sloping sandy loam levee with slight slope from plain to levee. Currently this site is managed as a greater paddock utilised for grazing and clearing is maintained to increase pasture growth. There is no evident tie off points available around site for a stock fence in the southern part. Low lying land more exposed to flood impacts than other higher levees elsewhere in study area.

Eden Bann Weir

Site No.: EB737A

Property: Redbank

AMTD: 185.5km Rt Bank

Offset Area (option): 3.6ha

Offset Target RE (Status): 11.3.3/11.3.25 (O-dom)

Pre-clearing RE: 11.3.25e

RE Benchmark Score (Total): 57 Site Score: 43

Site Description: Eucalyptus disturbed woodland/open woodland with grassy understorey of introduced pasture species on lower levee with a shrub layer dominated by low trees. Small isolated pockets of this former riparian woodland seem to be in relatively good condition over a slightly sloping levee. Photo EB737a

Benchmark Score for Riparian offset zone EB737A - Benchmark RE 11.3.25e.

Habitat Element	Benchmark RE Value	Site Figures	Comments
Large Trees	10	3	Scattered large trees. Historically cleared and regrowth is slow and sparse. This zone was not found to include significant mappable areas of woody native vegetation at 50/70% of pre clearing woodland dimensions.
% Cover	62%	43%	
Canopy health	19%	31%	
Recruitment	71%	50%	
Hollows	3	1	Manufactured nest boxes is the likely means of raising the hollow score in the short term.
Logs	8	6	Nil logs available in or around site.
Decaying logs	1	2	
Ground Cover			Richness is low and very sparse as the results suggest. Conditions too dry for better growth.
Perennial grass	14%	2%	
Perennial herbs	5%	6%	
Annual grass/herb	1%	0%	
Litter	38%	19%	
Tree Richness	4	3	Majority is <i>Eucalyptus tereticornis</i> , some <i>Corymbia tessellaris</i> and occasional bloodwood species.
Shrub Richness	2	1	Shrub richness is low and sparse. Seems sparser in remnant lower bank/mid bank.
Shrub Cover	2.5%	3%	
Grass Richness	3	1	Ground layer dominated by <i>Cenchrus ciliaris</i>
Herb Richness	4	3	See ground cover, herbs very subordinate to grass.
Other Richness	1	0	Nil in site due, too poorer habitat.
Weeds	0 (34% av.)	80%	This site is mainly dominated by introduced pasture such as <i>Cenchrus ciliaris</i> .
Patch Size	6	2	Site is disturbed and is apart of a thin strip of remnant vegetation along the rivers edge.
Connectivity	2	2	
Context	3	2	

Current management: Simple safe access to top of levee, 2wd vehicle can travel down to terrace in places, 4wd is suggested though and watch for possible hazardous logs in grass. Nil commercial salvage timber in inundation zones. Soil is mostly sandy alluvial loam, good flat plain/terrace with a steep bank to flat simple levee. Most of property fully developed with minimal cover left in alluvial zones. No active timber control seen but past logging and clearing pattern seen to indicate commitment to improve pasture quality.

Eden Bann Weir

Site No.: EB737B

Property: Redbank

AMTD: 185.5km Rt Bank

Offset Area (option): 3.6ha

Offset Target RE (Status): 11.3.3/11.3.25 (O-dom)

Pre-clearing RE: 11.3.25e

RE Benchmark Score (Total): 57 Site Score: 15

Site Description: This site is on higher levee to site EB737A and has been cleared in the past and now is dominated by introduced pasture species. It has several shrubs and low trees over a fairly flat levee of sandy loam soil. Photo EB737b

Benchmark Score for Riparian offset zone EB737B - Benchmark RE 11.3.25e.

Habitat Element	Benchmark RE Value	Site Figures	Comments
Large Trees	10	0	Historically cleared. This zone was not found to include significant mappable areas of woody native vegetation at 50/70% of pre clearing woodland dimensions.
% Cover	62%	0%	
Canopy health	19%	0%	
Recruitment	71%	0%	
Hollows	3	0	Manufactured nest boxes is the likely means of raising the hollow score in the short term.
Logs	8	1	Nil logs available in or around site.
Decaying logs	1	1	
Ground Cover			This site is dominated by introduced pasture species. Conditions too dry for increase native growth.
Perennial grass	14%	0%	
Perennial herbs	5%	4%	
Annual grass/herb	1%	0%	
Litter	38%	12%	
Tree Richness	4	1	Mostly <i>Eucalyptus tereticornis</i> .
Shrub Richness	2	3	Site includes mainly scrub species including <i>Breynia oblongifolia</i> and <i>Petalostigma pubescens</i> .
Shrub Cover	2.5%	12%	
Grass Richness	3	0	Nil grass species found in this site (see weeds).
Herb Richness	4	4	Herbs include mostly saltbushes including; <i>Enchylaena tomentosa</i> and <i>Salsola kali</i> .
Other Richness	1	0	Nil trees in area for orchids and nil vines present in site or in vicinity.
Weeds	0 (34% av.)	75%	Much of this site is dominated by introduced pasture species such as <i>Cenchrus ciliaris</i> and Rhodes grasses.
Patch Size	6	0	Site is basically completely cleared but has connection with remnant vegetation to the west on the upper river bank.
Connectivity	2	0	
Context	3	0	

Current management: Please refer to EB737A Current Management.

Eden Bann Weir

Site No.: EB738

Property: Redbank

AMTD: 189km Right Bank

Offset Area (option): 14.7ha

Offset Target RE (Status): 11.3.4/11.3.25 (O-dom)

Pre-clearing RE: 11.3.25e

RE Benchmark Score (Total): 57 Site Score: 25

Site Description: Disturbed eucalyptus open regrowth woodland over slightly sloping back flow gully of sandy loam soil with a grassy understorey of introduced pasture species on higher levee with higher bank to east of site. Photo EB738

Benchmark Score for Riparian offset zone EB738 - Benchmark RE 11.3.25e.

Habitat Element	Benchmark RE Value	Site Figures	Comments
Large Trees	10	0	Nil large trees at this site, natural recruitment appears to be slow as there are no seed trees. There are some young key tree species present. This zone was not found to include significant mappable areas of woody native vegetation at 50/70% of pre clearing woodland dimensions.
% Cover	62%	21%	
Canopy health	19%	9%	
Recruitment	71%	0%	
Hollows	3	0	Manufactured nest boxes is the likely means of raising the hollow score in the short term.
Logs	8	1	Very few logs remain, none available readily in landscape near by.
Decaying logs	1	0	
Ground Cover			Generally dominated by improved pasture species. Conditions are dry and natives that are present are very sparse.
Perennial grass	14%	4%	
Perennial herbs	5%	1%	
Annual grass/herb	1%	0%	
Litter	38%	18%	
Tree Richness	4	3	Present in neighbouring communities but low in abundance and cover over entire area. Includes the occasional <i>Eucalyptus tereticornis</i> and <i>Melaleuca bracteata</i> runners.
Shrub Richness	2	2	Shrub layer includes young <i>Melaleuca bracteata</i> and <i>Acacia farnesiana</i> .
Shrub Cover	2.5%	6%	
Grass Richness	3	1	High densities of introduced pasture species out-compete native plants.
Herb Richness	4	1	As per grass richness
Other Richness	1	0	Nil trees for orchids and no vines present in site.
Weeds	0 (34% av.)	80%	Dominated by introduced pasture species
Patch Size	6	2	Practically all remnant community disturbed and very little vegetation surrounding. Immediate land is utilised for grazing and is cleared.
Connectivity	2	0	
Context	3	0	

Current management: Access on top of high bank on plain, very good flat and simple to navigate and access along zone through centre line in runner channel possible except for wet seasons and storms. Nil logs on site that could be utilised for commercial timber as existing trees will be needed as seed trees. Soil is alluvial loam on the upper bank and a slope of approximately 25+ degrees to site to runner on site which has several ponded areas. Currently there is a stock fence along the mid bench crossing at rapids. Maintenance fence tie offs apparent at northern end (approximately 3km away) and to southern end on Redbank/Melrose boundary.

Eden Bann Weir

Site No.: EB741

Property: Redbank S

AMTD: 196.5km Left Bank

Offset Area (option): 8.5ha (11)

Offset Target RE (Status): 11.3.3/11.3.25 (O-dom)

Pre-clearing RE: 11.3.25e

RE Benchmark Score (Total): 57 Site Score: 33

Site Description: Disturbed melaleuca woodland, which may have been chemically treated, with a sparse grassy ground layer and some scalding of soil on upper parts of levee within the greater river channel of sandy loam. Photo EB741.

Benchmark Score for Riparian offset zone EB741 - Benchmark RE 11.3.25e.

Habitat Element	Benchmark RE Value	Site Figures	Comments
Large Trees	10	0	Historically cleared. NB: site may have been poisoned in the past and there may be a poison residual present. This zone was not found to include significant mappable areas of woody native vegetation at 50/70% of pre clearing woodland dimensions.
% Cover	62%	0%	
Canopy health	19%	0%	
Recruitment	71%	0%	
Hollows	3	0	Manufactured nest boxes is the likely means of raising the hollow score in the short term.
Logs	8	6	Log numbers currently satisfy the bench mark value.
Decaying logs	1	3	
Ground Cover			Recent rain has enabled grass growth to exceed grazing demand.
Perennial grass	14%	33%	
Perennial herbs	5%	4%	
Annual grass/herb	1%	0%	
Litter	38%	13%	
Tree Richness	4	3	Three canopy species present and include; <i>Melaleuca trichostachya</i> , <i>Casuarina cunninghamiana</i> and <i>Eucalyptus tereticornis</i> .
Shrub Richness	2	1	Occasional <i>Lysiphyllum hookeri</i> and <i>Atalaya hemiglaucula</i> although very sparse.
Shrub Cover	2.5%	0	
Grass Richness	3	2	Two species present but are sparse, see weeds. Species present includes <i>Heteropogon contortus</i> .
Herb Richness	4	3	Several saltbushes and succulents present over site, sparse, see weeds.
Other Richness	1	0	Nil found on site and very few in surrounding areas.
Weeds	0 (34% av.)	40%	Weeds consist of introduced pasture species (<i>Urochloa mozambicensis</i>) and the occasional stylo or pathenium plant.
Patch Size	6	2	Site is a thin strip along river surrounded by cleared land for pasture use.
Connectivity	2	2	
Context	3	4	

Current management: Vehicle access is limited by gullies and black soil but reasonable otherwise if grass body is lowered or track is pushed to cut across paddock which is utilised for grazing. One creek and several gullies will have to be crossed to access site. Site is of sandy loam with occasional outcrops of metamorphic rocks. Slope on site is minimal with a greater slope to top of bank to the west. No commercial milling timber is available in inundation zone. Site is a part of a large paddock and has no apparent tie off points for fence. Site along river is broken several times and a fence along the top bank would be interrupted several times by steep gullies.

Eden Bann Weir

Site No.: EB743

Property: Melrose

AMTD: 192.5km Rt Bank

Offset Area (option): 6.5ha

Offset Target RE (Status): 11.3.3/11.3.25 (O-dom)

Pre-clearing RE: 11.3.25e

RE Benchmark Score (Total): 57 Site Score: 34

Site Description: Disturbed eucalyptus woodland on higher bank above river channel with a grassy ground layer over stoney igneous volcanics with a light layer of alluvial soil. Several different native grass and herb species were identified at this site but lacks older seed trees for recruitment. Currently lightly grazed. Photo EB743.

Benchmark Score for Riparian offset zone EB743 - Benchmark RE 11.3.25e.

Habitat Element	Benchmark RE Value	Site Figures	Comments
Large Trees	10	0	Due to the exposed bedrock rocky terrain this may be a naturally lower canopy height and lower tree density site. This zone was not found to include significant mappable areas of woody native vegetation at 50/70% of pre clearing woodland dimensions.
% Cover	62%	0%	
Canopy health	19%	0%	
Recruitment	71%	0%	
Hollows	3	0	Manufactured nest boxes is the likely means of raising the hollow score in the short term.
Logs	8	0	Nil on site and few in surrounding environment.
Decaying logs	1	0	
Ground Cover			This site has a range of different grasses and a range of native herbs. A noticeably low abundance of the 'usual' weed species.
Perennial grass	14%	59%	
Perennial herbs	5%	7%	
Annual grass/herb	1%	0%	
Litter	38%	17%	
Tree Richness	4	1	Possibly function of rocky substrate. Tree species present is <i>Eucalyptus tereticornis</i> .
Shrub Richness	2	0	Rocky terrain with few shrubs in the general neighbourhood supports this observation.
Shrub Cover	2.5%	0%	
Grass Richness	3	5	There is various native grass species at this site and include: <i>Themeda triandra</i> , <i>Arundinella nepalensis</i> , <i>Heteropogon contortus</i> and <i>Sorghum arundinaceum</i> .
Herb Richness	4	7	Various herb species present here and include; <i>Acacia farnesiana</i> , <i>Atriplex muelleri</i> , <i>Sclerolaena birchii</i> , and <i>Wahlenbergia communis</i> .
Other Richness	1	1	<i>Eustrephus latifolius</i> present.
Weeds	0 (34% av.)	20%	Infrequent <i>Urochloa mozambicensis</i> and some pasture stylo present also
Patch Size	6	2	Site is spatially long and narrow and neighbouring cleared land is utilised for pasture.
Connectivity	2	0	
Context	3	2	

Current management: Access difficult from Glenroy crossing due to rocky terrain with selective alignments from ridge above to east feasible. No commercial timber available on site or nearby in the inundation zone. Stoney volcanics within lightly covered alluvium with rocks exposed expand over most of the site. Boundary fence to south unknown to north, with very difficult terrain to put fence into rocky substrate. Water in river low at time of visit and may be utilised by stock as crossing.

Eden Bann Weir

Site No.: EB700A **Property:** Riverslea **AMTD:** 274km Right Bank
Offset Area (option): 14ha **Offset Target RE (Status):** 11.3.3/11.3.25 (O-dom)
Pre-clearing RE: 11.3.3 **RE Benchmark Score (Total):** 58 **Site Score:** 40
Site Description: Upper levee with a coolabah/brigalow disturbed open woodland with several bauhinia trees over grassy understorey of mainly introduced pasture species in a sandy loamy soil. Photo EB700a

Benchmark Score for Riparian offset zone EB700A - Benchmark RE 11.3.3.

Habitat Element	Benchmark RE Value	Site Figures	Comments
Large Trees	7	4	Four seed trees are contained within this site. Most large trees have been treated. Trees are very sparse in site, more concentrated on thin line on upper regions of bank. This zone was not found to include significant mappable areas of woody native vegetation at 50/70% of pre clearing woodland dimensions.
% Cover	59%	46%	
Canopy health	18%	21%	
Recruitment	66%	100%	
Hollows	2	1	Manufactured nest boxes is the likely means of raising the hollow score in the short term.
Logs	11	8	Most logs in poor state – advanced state of decay
Decaying logs	2	2	
Ground Cover			Dominated by introduced pasture species. Litter count is low but ground cover is dominated by buffel. Little cover under bauhinia trees in site, less than 5%.
Perennial grass	13%	6%,	
Perennial herbs	3%	2%,	
Annual grass/herb	1%	0%,	
Litter	42%	7%	
Tree Richness	3	2	<i>Eucalyptus coolabah</i> and <i>Lysiphyllum hookeri</i> present, sparse. Need replacement trees.
Shrub Richness	2	1	Needs seeding, species present with low density
Grass Richness	3	1	Dominated by introduced pasture grasses
Herb Richness	4	2	Dry conditions, low visibility
Other Richness	1	0	Lack of habitat for opportunistic epiphytes, no vines observed.
Weeds	0 (30% av.)	80%	Dominated by introduced pasture species, <i>Cenchrus ciliaris</i> (buffel).
Patch Size Score	6	2	Site is small and does not have much connectivity with other patches that are also small in size.
Connectivity Score	2	2	
Context Score	3	2	

Current management: Vehicle access along bank/levee with simple access to site via the Riverslea homestead with easy slopes to site on terrace. Terrace has occasional depression in sandy loam/alluvium clay loam. Cattle water from the river, few numbers of stock present currently. Site includes an old fence line, now removed, along the top of the bank with a possible termination points to east and west on existing fences. NB: Recent past land holder treated woody timber on benches and poison may have some residual effects.

Rookwood Weir

Site No.: EB700B

Property: Riverslea

AMTD: 274km Right Bank

Offset Area (option): 14ha

Offset Target RE (Status): 11.3.3/11.3.25 (O-dom)

Pre-clearing RE: 11.3.25e

RE Benchmark Score (Total): 57 Site Score: 37

Site Description: Mid level bench, almost inside inundation level, with thinned/cleared open regrowth woodland of *Eucalyptus tereticornis* with a grassy understorey on black, sandy loam. Refer Photo EB700b

Benchmark Score for Riparian offset zone EB700B - Benchmark RE 11.3.25e.

Habitat Element	Benchmark RE Value	Site Figures	Comments
Large Trees	10	5	Two seed trees present at this site. Most large trees have been treated in past. Recruitment is low, regrowth missing key tree species. This zone was not found to include significant mappable areas of woody native vegetation at 50/70% of pre clearing woodland dimensions.
% Cover	62%	30%	
Canopy health	19%	16%	
Recruitment	71%	0%	
Hollows	3	4	Enough hollows present to satisfy benchmark
Logs	8	0	Not many present entirely above inundation line
Decaying logs	1	0	
Ground Cover			Ground cover dominated by <i>Megathyrsus maximus</i> var <i>pubiglumis</i> (green panic) with most native grasses present below inundation zone.
Perennial grass	14%	5%,	
Perennial herbs	5%	6%,	
Annual grass/herb	1%	0%,	
Litter	38%	19%	
Tree Richness	4	2	Most canopy species in inundation zone, including <i>Eucalyptus tereticornis</i> and <i>Eucalyptus camaldulensis</i> .
Shrub Richness	2	3	Shrub count is sufficient in area but most shrubs present below inundation zone, supplementary planting required in targeted area.
Grass Richness	3	5	Most grasses present are situated below the inundation zone at FSL 18.5.
Herb Richness	4	4	Herb richness is sufficient but herb density is low in targeted area, conditions were dry at time of search.
Other Richness	1	1	Vines present.
Weeds	0 (34% av.)	20%	Occasional Parkinsonia but not major issue, green panic high in some places.
Patch Size	6	2	Site is small and does not have many neighbouring communities to connect with.
Connectivity	2	2	
Context	3	0	

Current management: This site directly below site number EB700A and current management notes apply.

Rookwood Weir

Site No.: EB701

Property: Riverslea

AMTD: 275.5km Rt Bank

Offset Area (option): 3.35ha

Offset Target RE (Status): 11.3.3/11.3.25 (O-dom)

Pre-clearing RE: 11.3.3

RE Benchmark Score (Total): 58 Site Score: 54

Site Description: Coolabah disturbed open regrowth not-remnant woodland with grassy understorey with several different saltbush species present on a sparse grassy understorey of different introduced pasture species. Photo EB701

Benchmark Score for Riparian offset zone EB701 - Benchmark RE 11.3.3.

Habitat Element	Benchmark RE Value	Site Figures	Comments
Large Trees	7	2	There were two large trees present at this site. Large trees are sparse and patchy within area, will need supplementary planting of trees. This zone was not found to include significant mappable areas of woody native vegetation at 50/70% of pre clearing woodland dimensions.
% Cover	59%	51%	
Canopy health	18%	21%	
Recruitment	66%	100%	
Hollows	2	0	Manufactured nest boxes is the likely means of raising the hollow score in the short term.
Logs	11	4	Site has been historically logged but nil left as logs.
Decaying logs	2	1	
Ground Cover			Ground layer consists of native grasses and pasture grasses and is currently grazed. Excellent coverage of herbs complemented by herb richness. Conditions were dry at time of survey.
Perennial grass	13%	11%	
Perennial herbs	3%	12%	
Annual grass/herb	1%	0%	
Litter	42%	30%	
Tree Richness	3	2	Trees included in this particular RE include; <i>Eucalyptus coolabah</i> , <i>Terminaria oblongata</i> and <i>Lysiphyllum hookerii</i> . Tree density is sparse and may need supplementary planting.
Shrub Richness	2	1	Shrubs are usually quite sparse in this RE, and may include <i>Ficus opposita</i> and smaller <i>Lysiphyllum hookerii</i> .
Grass Richness	3	3	Both richness and density is ok, site is 50/50 of native and introduced pasture species.
Herb Richness	4	6	Herb species diversity was complemented by higher than average herb abundance.
Other Richness	1	0	Orchids and vines low, Ecosystem recovery may stabilise these in long term.
Weeds	0 (30% av.)	5%	Mainly comprised of introduced pasture species.
Patch Size Score	6	0	Site is very small and does not connect to other patches that are large enough to generate patch size scoring.
Connectivity Score	2	4	
Context Score	3	2	

Current management: As per site EB700B, with tie off fencing points about 800mtrs from each end. Tie off to the east may be difficult due to brigalow gully. South end flat but distance may be relative. Currently this site is grazed and stock may water from river. NB: this site may have been poisoned in the past for woody trees to encourage grass growth and poisons may have a residual effect on future planted trees. Millable timber not available in site.

Rookwood Weir

Site No.: EB704

Property: Fitzroy Pocket

AMTD: 276km Left Bank

Offset Area (option): 8.5ha

Offset Target RE (Status): 11.3.3/11.3.25 (O-dom)

Pre-clearing RE: 11.3.25e

RE Benchmark Score (Total): 57 Site Score: 43

Site Description: Young *Eucalyptus tereticornis* regrowth open woodland on levee, with a grassy understorey of mainly introduced pasture species. Rocky protrusions from soil of black loam and is currently grazed. Photo EB704

Benchmark Score for Riparian offset zone EB704 - Benchmark RE 11.3.25e.

Habitat Element	Benchmark RE Value	Site Figures	Comments
Large Trees	10	0	Numerous young trees (key species) present but at low density overall across the zone. NB: may be naturally difficult for large tree growth due to rocky sub- soil. This zone was not found to include significant mappable areas of woody native vegetation at 50/70% of pre clearing woodland dimensions.
% Cover	62%	39%	
Canopy health	19%	17%	
Recruitment	71%	100%	
Hollows	3	0	Manufactured nest boxes is the likely means of raising the hollow score in the short term.
Logs	8	3	Nil logs available on site or nearby to increase log number to threshold, but possibly this site is a low log site due to the rocky sub soil
Decaying logs	1	1	
Ground Cover			Poor seasonal conditions as evident in ground layer, high litter due to dying grass.
Perennial grass	14%	14%	
Perennial herbs	5%	7%	
Annual grass/herb	1%	0%	
Litter	38%	59%	
Tree Richness	4	1	<i>Eucalyptus tereticornis</i> present but sparse. Also included <i>E. coolabah</i> and <i>Acacia harpophylla</i> .
Shrub Richness	2	1	Infrequent to sparse in surrounding disturbed landscape
Grass Richness	3	3	Several native grasses found here slowly becoming dominated by introduced pasture species (<i>Urochloa sp</i> and <i>Cenchrus ciliaris</i>). Low in density.
Herb Richness	4	4	Species count satisfies benchmark but density is low, high coverage of grass species and dry weather.
Other Richness	1	0	Nil found.
Weeds	0 (34% av.)	25%	Consist of introduced pasture species.
Patch Size Score	6	2	Site is apart of a disturbed landscape, and site is small – less than 5ha.
Connectivity Score	2	0	
Context Score	3	0	

Current management: This site is situated 500mtr from Rookwood Road and has a gully dividing the site into two. Soil is black loam and includes wash outs and stoney metamorphics protruding through soil over gentle grades except in and around gullies. There are nil large trees on site or nearby available for salvage timber. Historically river may have been fenced (old posts present) but is no longer serviceable for river fencing. Due to gullies a fence would be difficult to develop and maintain at this site with fence tie off points not evident. Stock currently watering at river.

Rookwood Weir

Site No.: EB702

Property: Riverslea

AMTD: 278km Right Bank

Offset Area (option): 5.8ha

Offset Target RE (Status): 11.3.3/11.3.25 (O-dom)

Pre-clearing RE: 11.3.3

RE Benchmark Score (Total): 58 Site Score: 53

Site Description: Remnant coolabah community with pasture to right of site, dominated by introduced pasture species on a sandy loam soil with some signs of slight erosion with few native shrubs.
Photo EB702

Benchmark Score for Riparian offset zone EB702 - Benchmark RE 11.3.3.

Habitat Element	Benchmark RE Value	Site Figures	Comments
Large Trees	7	5	There are five large trees at this site on the edge of the remnant/plain margin, zero on plain which has been cleared for pasture grass. This zone was not found to include significant mappable areas of woody native vegetation at 50/70% of pre clearing woodland dimensions.
% Cover	59%	72%	
Canopy health	18%	31%	
Recruitment	66%	33%	
Hollows	2	4	Enough hollows present to satisfy bench mark goal
Logs	11	7	Several large dead pushed trees down in site and may be cut up into smaller logs (within range) for separate logs.
Decaying logs	2	2	
Ground Cover			Most of the targeted site is dominated by introduced pasture species most being buffel with some <i>Urochloa sp.</i>
Perennial grass	13%	2%	
Perennial herbs	3%	9%	
Annual grass/herb	1%	0%	
Litter	42%	38%	
Tree Richness	3	6	Includes <i>Eucalyptus coolabah</i> , <i>Casuarina cunninghamiana</i> , and <i>Acacia salicina</i> .
Shrub Richness	2	4	Shrub count is good but most occur in remaining remnant vegetation on higher bank, two shrubs are present in targeted areas, including <i>Lysiphillum hookeri</i> and <i>Atalaya hemiglauc.</i>
Grass Richness	3	3	Grass count is good but most occur in remaining remnant vegetation on higher bank, ground layer is dominated by buffel in targeted area.
Herb Richness	4	6	Herb count taken from upper bank remnant community, there are nil herbs present in targeted area.
Other Richness	1	0	Vines are present in neighbouring remnant communities including <i>Eustrephus latifolius</i> (Wombat berry vine) and <i>Capparis lasiantha</i> (Wait-a-while).
Weeds	0 (30% av.)	30%	Mostly introduced pasture species.
Patch Size Score	6	2	Site is small and communities around this one are also small.
Connectivity Score	2	2	
Context Score	3	2	

Current management: Good access through Riverslea via the property homestead, and further along cultivation, with gates to pump through fence to access river/site. Site wide enough to put road along left side of fence out side the property boundary via the Riverslea Road Reserve. Current fence is new and solid on a sandy loam upper bank. Has been historically cleared and is currently dominated by pasture species such as buffel. Not currently grazed. Nil large trees suitable for millable salvage timber.

Rookwood Weir

Site No.: EB703

Property: P. Hanrahan

AMTD: 280km Right Bank

Offset Area (option): 6.8ha

Offset Target RE (Status): 11.3.3/11.3.25 (O-dom)

Pre-clearing RE: 11.3.3

RE Benchmark Score (Total): 58 Site Score: 51

Site Description: Middle and upper bank with coolabah open disturbed woody regrowth woodland in riverine section on exposed volcanics. Brigalow community on plain above but all disturbed now. Grass cover is reasonable with mostly native grasses with few small pockets of introduced pasture species. Herb and forb Richness is low due to dominating grass layer. Photo EB703

Benchmark Score for Riparian offset zone EB703 - Benchmark RE 11.3.3.

Habitat Element	Benchmark RE Value	Site Figures	Comments
Large Trees	7	0	No seed trees in this site, young trees scattered sparsely. Single isolated trees remaining in neighbouring communities, few suckers, one approximately every 50mtr ² . This zone was not found to include significant mappable areas of woody native vegetation at 50/70% of pre clearing woodland dimensions.
% Cover	59%	4%	
Canopy health	18%	0%	
Recruitment	66%	100%	
Hollows	2	0	Manufactured nest boxes is the likely means of raising the hollow score in the short term.
Logs	11	3	Few logs available to increase number to benchmark value.
Decaying logs	2	3	
Ground Cover			Native pasture dominated site, obviously due to low stocking in recent months.
Perennial grass	13%	79%	
Perennial herbs	3%	0%	
Annual grass/herb	1%	0%	
Litter	42%	8%	
Tree Richness	3	2	Several gum trees in vicinity, including <i>Eucalyptus coolabah</i> and <i>Eucalyptus tereticornis</i> .
Shrub Richness	2	2	Shrub count reaches targeted goal but plants are sparse. Reasonable in some places, highest near brigalow pocket remnants. Shrubs included <i>Ficus opposita</i> and <i>Acacia farnesiana</i> .
Grass Richness	3	6	Excellent number of grass species complimenting a high native grass cover. Grass species present include; <i>Arundinella nepalensis</i> , <i>Themenda triandra</i> and <i>Bothriochloa decipiens</i> .
Herb Richness	4	4	Richness is good but density is low due to high biomass of grass cover in the ground layer.
Other Richness	1	1	<i>Eustrephus latifolius</i> present at this site.
Weeds	0 (30% av.)	5%	Comprise mostly of the occasional buffel grass patch. .
Patch Size Score	6	2	Site is small and neighbouring communities are not very big. This site has got some kind of connection neighbouring communities.
Connectivity Score	2	4	
Context Score	3	2	

Current management: Site has good access through north west corner only. Possible road to site via neighbouring property but will be weather dependent as it has steep hills and Giant Rats Tail Grass. Nil logs on site available for salvage timber and few nearby. Old fence below top bank, not reusable but has a possible fence location at top of bank. Site mainly has stoney volcanic soil condition and may not be a very useful revegetation site.

Rookwood Weir

Site No.: EB708

Property: The Pocket

AMTD: 280km Left Bank

Offset Area (option): 10ha (41)

Offset Target RE (Status): 11.3.4/11.3.25 (O-dom)

Pre-clearing RE: 11.3.1

RE Benchmark Score (Total): 56

Site Score: 43

Site Description: Regrowth brigalow, 3-4mtr high with a grassy understorey of introduced pasture grasses and is currently grazed. Photo EB708

Benchmark Score for Riparian offset zone EB708 - Benchmark RE 11.3.1.

Habitat Element	Benchmark RE Value	Site Figures	Comments
Large Trees	2	1	Cover score elevated by sucker regrowth and few large trees in this zone. Zone is patchy and zone sampled is in excellent condition compared to other sites in area. This zone was not found to include significant mappable areas of woody native vegetation at 50/70% of pre clearing woodland dimensions.
% Cover	69%	22%	
Canopy health	16%	5%	
Recruitment	67%	0%	
Hollows	1	0	Manufactured nest boxes is the likely means of raising the hollow score in the short term.
Logs	18	0	Nil in site, low in vicinity.
Decaying logs	6	0	
Ground Cover			Seasonal dryness reflected in low scores.
Perennial grass	21%	5%	
Perennial herbs	6%	5%	
Annual grass/herb	0%	0%	
Litter	40%	27%	
Tree Richness	4	2	Half of species present in site. Larger scale may show less tree richness.
Shrub Richness	0	2	Elevated score is result of random alignment through only patch of shrubbery in site.
Shrub Cover	0	9	
Grass Richness	4	2	Dry conditions, and dominated by introduced pasture species
Herb Richness	4	3	Dry conditions, mostly brigalow herbs, hard to find in dry condition.
Other Richness	1	1	<i>Capparis lasiantha</i> present.
Weeds	0 (10% av.)	21%	Introduced pastures grasses dominating.
Patch Size Score	9	2	Isolated in landscape by clearing. Diverse RE in broader area.
Connectivity Score	2	0	
Context Score	4	2	

Current management: Site has reasonable access to and within site over black brigalow soil – access will be weather dependent. Nil logs at or around site that may be available for salvage. Site consists of flat gentle slopes with the occasional gully. Fences existing and have just been newly constructed completely along site. NB: Property owner actively developing property (new roads/fences etc).

Rookwood Weir

Site No.: EB711

Property: Island Camp

AMTD: 284km Right Bank

Offset Area (option): 21ha

Offset Target RE (Status): 11.3.4/11.3.25 (O-dom)

Pre-clearing RE: 11.3.4

RE Benchmark Score (Total): 50 Site Score: 42

Site Description: Plain on high bank above steep bank with thinned eucalypt open woodland.

Communities of eucalypts to north and south of site in good condition and plain to east currently being cleared. Ground layer is mainly dominated by introduced pasture species with occasional native grasses and few native herbs/forbs. Site size for revegetation is approximately six hectares. Photo EB711

Benchmark Score for Riparian offset zone EB711 - Benchmark RE 11.3.4.

Habitat Element	Benchmark RE Value	Site Figures	Comments
Large Trees	8	4	Open site with a few larger trees sparsely scattered and few saplings. Trees healthy at time of visit but not picked up along the sampling transect line. This zone was not found to include significant mappable areas of woody native vegetation at 50/70% of pre clearing woodland dimensions.
% Cover	58%	0%	
Canopy health	12%	0%	
Recruitment	81%	50%	
Hollows	3	0	Manufactured nest boxes is the likely means of raising the hollow score in the short term.
Logs	7	2	Plain to east of site has been cleared recently and many trees have been pushed and could provide logs for site.
Decaying logs	2	0	
Ground Cover			Very light ground layer moderately well grazed at present. Parts of site are bare with some scalding.
Perennial grass	14%	5%	
Perennial herbs	1%	1%	
Annual grass/herb	3%	0%	
Litter	35%	12%	
Tree Richness	4	3	<i>Eucalyptus coolabah</i> , <i>Eucalyptus camaldulensis</i> / <i>Eucalyptus tereticornis</i> present
Shrub Richness	2	2	Sparsely separated which includes <i>Ficus opposita</i> .
Shrub Cover	3%	0%	
Grass Richness	3	1	Low density of this species occurring.
Herb Richness	3	3	Large plants of <i>Acacia farnesiana</i>
Other Richness	0	0	Nil found in searches.
Weeds	0 (44% av.)	70%	This sites weed cover is dominated by improved pasture species mostly consisting of <i>Urochloa mozambicensis</i> .
Patch Size Score	2	2	Biased by proximity to neighbouring tracts of fragmented remnant mapping units.
Connectivity Score	0	4	
Context Score	3	4	

Current management: Simple vehicle access to site via good road through paddock along top of bank of river. Nil salvage logs available on site or nearby. Steep eroded bank to west of site, with soil of sandy loamy context and site consists of gentle slopes and the uncommon melon hole. There is no fence around site and tie off points are not apparent. The fence positioning would most likely be along the current road along the bank but might be interrupted occasionally by the odd deep steep sided gully. NB: the bank erosion tends to be a natural process of the river and has not been influenced by possible logging on the site.

Rookwood Weir

Site No.: EB707

Property: The Pocket

AMTD: 287km Left Bank

Offset Area (option): 24ha

Offset Target RE (Status): 11.3.3/11.3.25 (O-dom)

Pre-clearing RE: 11.3.25e

RE Benchmark Score (Total): 57 Site Score: 39

Site Description: Disturbed *Eucalyptus tereticornis* open disturbed woodland community on sandy loam soil with some scalding. Mostly introduced pasture species present as land is utilised for grazing purposes. Remnant vegetation on inside and lower bank in reasonable condition. Refer Photo EB707.

Benchmark Score for Riparian offset zone EB707 - Benchmark RE 11.3.25e.

Habitat Element	Benchmark RE Value	Site Figures	Comments
Large Trees	10	0	Recruitment includes key species. This zone was not found to include significant mappable areas of woody native vegetation at 50/70% of pre clearing woodland dimensions – see photo in Appendix 3a.
% Cover	62%	41%	
Canopy health	19%	24%	
Recruitment	71%	50%	
Hollows	3	0	Manufactured nest boxes is the likely means of raising the hollow score in the short term.
Logs	8	3	Few logs in this area. Few trees to log in riverbank area.
Decaying logs	1	1	
Ground Cover			Dry site with heavy leaf litter at time of visit. Site is heavily grazed. Areas of scalding and light erosion reduce ground cover options.
Perennial grass	14%	9%	
Perennial herbs	5%	2%	
Annual grass/herb	1%	0%	
Litter	38%	49%	
Tree Richness	4	2	Only two species remain, low in abundance, mostly <i>Eucalyptus coolabah</i> and <i>Eucalyptus tereticornis</i> .
Shrub Richness	2	3	Shrubby plants are sparse. Shrub species include: <i>Ficus opposita</i> , <i>Alphitonia excelsa</i> and <i>Hibiscus heterophyllus</i> .
Shrub Cover	2.5%	0	
Grass Richness	3	1	Native grass species low, may recover after better season. Suggested grasses: <i>Arundinella nepalensis</i> , <i>Themeda triandra</i> and <i>Cynodon dactylon</i> .
Herb Richness	4	4	Herb species richness satisfies benchmark value, but density is low.
Other Richness	1	0	Nil trees for orchids and no vines present at this site.
Weeds	0 (34% av.)	25%	Will substantially increase with rain. Lots of Stylo present in lower bank, buffel occurs within site.
Patch Size Score	6	2	
Connectivity Score	2	2	
Context Score	3	4	

Current management: Easy vehicle access to site via farm tracks to top of bank. Few if any millable logs for salvage timber. Site is gently sloping banks with the occasional minimal breakout in sandy loam soils. Fence existing at top of bank. NB: power line along top of bank inside site along top bank and may be a setback for emergent species such as eucalypts.

Rookwood Weir

Site No.: EB706

Property: The Pocket

AMTD: 291km Left Bank

Offset Area (option): 24.4ha

Offset Target RE (Status): 11.3.3/11.3.25 (O-dom)

Pre-clearing RE: 11.3.25e

RE Benchmark Score (Total): 57 Site Score: 51

Site Description: Several eroded gullies forming on site, deep into sandy loam soil, top of bank cleared for grazing/farming with some scalds closer to river bank slope, remnant vegetation on slope/inside of bank is in reasonably good condition. Heavily grazed there is little vegetation on top of bank. Photo EB706

Benchmark Score for Riparian offset zone EB706 - Benchmark RE 11.3.25e.

Habitat Element	Benchmark RE Value	Site Figures	Comments
Large Trees	10	2	There are two large trees over the site which has a patchy and inconsistent woody vegetation component. This zone was not found to include significant mappable areas of woody native vegetation at 50/70% of pre clearing woodland dimensions.
% Cover	62%	43%	
Canopy health	19%	30%	
Recruitment	71%	50%	
Hollows	3	0	Manufactured nest boxes is the likely means of raising the hollow score in the short term.
Logs	8	0	Rare on site or in vicinity
Decaying logs	1	0	
Ground Cover			Figures do not account for break away areas. Buffel grass and scalding leaves limited options for native grasses/herbs. Current grazing of the property will have to be limited to maximise recovery of ground layer.
Perennial grass	14%	12.5%	
Perennial herbs	5%	5%	
Annual grass/herb	1%	0%	
Litter	38%	30%	
Tree Richness	4	2	<i>Eucalyptus coolabah</i> , <i>Eucalyptus camaldulensis</i> present open areas in north half of site.
Shrub Richness	2	3	Currently Shrub Richness is healthy, most common on lower bank and few on upper bank. Shrubs on upper bank include <i>Ficus opposita</i> and young <i>Terminalia oblongata</i> .
Shrub Cover	2.5%	3%	
Grass Richness	3	2	Diversity ok, but density is low (see Ground Cover).
Herb Richness	4	2	Poor due to seasonal condition and the current ground condition.
Other Richness	1	0	Few orchids and vines in inundation zone nearby but missing from this site.
Weeds	0 (34% av.)	20%	Low in figures but some sections of the site have up to 60% introduce pasture cover.
Patch Size Score	6	2	Continually along river bank, cleared landscape on plain.
Connectivity Score	2	2	
Context Score	3	2	

Current management: This site is in the vicinity of a power line and may be a problem for emergent eucalypt species etc. Vehicle access simple from either north or south with access through a plain. Low level of salvage timber as trees are not of harvest size and access of logging saw may be difficult. Site has few break away gullies in sandy loam soil and some scalding occurring in many places. Some management by landholder occurring to help prevent gully erosion. Existing fence to south and Yarra boundary to north as tie off points for river fence but must run through gully – may be susceptible to flood damage. Land is currently grazed and river is used as stock watering point.

Rookwood Weir

Site No.: EB705

Property: Yarra

AMTD: 300km Left Bank

Offset Area (option): 28.7ha

Offset Target RE (Status): 11.3.3/11.3.25 (O-dom)

Pre-clearing RE: 11.3.1

RE Benchmark Score (Total): 56 Site Score: 47

Site Description: Brigalow disturbed woodland in swale on higher bank with a grassy ground layer dominated by buffel grass. Is currently grazed and has been cleared in past. Photo EB705

Benchmark Score for Riparian offset zone EB705 - Benchmark RE 11.3.1.

Habitat Element	Benchmark RE Value	Site Figures	Comments
Large Trees	2	1	There is good recruitment of key species of this RE on site. Supplemental planting to aid in future canopy cover may be consideration in near future. This zone was not found to include significant mappable areas of woody native vegetation at 50/70% of pre clearing woodland dimensions.
% Cover	69%	26%	
Canopy health	16%	11%	
Recruitment	67%	50%	
Hollows	1	0	Manufactured nest boxes are the likely means of raising the hollow score in the short term.
Logs	18	5	Rare on site and nil available in nearby areas.
Decaying logs	6	2	
Ground Cover			Dominated by improved pasture species. Native cover is higher in surrounding areas.
Perennial grass	21%	2%	
Perennial herbs	6%	9%	
Annual grass/herb	0%	0%	
Litter	40%	8%	
Tree Richness	4	4	The occasional <i>Acacia harpophylla</i> is present on site, also includes <i>Eucalyptus coolabah</i> and <i>Lysiphillum hookeri</i> .
Shrub Richness	0	2	Usually sparse to nil shrub layer in this RE, but shrubs at this site are very low in density.
Grass Richness	4	1	Site is dominated by <i>Cenchrus ciliaris</i> .
Herb Richness	4	5	Most herbs consist of various saltbushes which have reasonable cover; highest cover is in brigalow patches away from buffel zone.
Other Richness	1	0	No large trees for orchids.
Weeds	0 (10% av.)	15%	Cover figure will increase with rain and mainly consist of introduced pasture.
Patch Size Score	9	2	Site is small and is not connected to any other remnant vegetation.
Connectivity Score	2	2	
Context Score	4	4	

Current management: Excellent access along top of levee of sandy loam, with some brigalow alluvium in swale. May be a few millable timber trees in river salvage area, difficult to acquire from here with a low density of large trees in site area. Top bank has gentle slopes which lead down to a much steeper bank to the river. Fence alignment feasible and simple at top of levee/slope. Tie off points to west on boundary fence but the eastern tie off point not currently obvious. Cattle have access to watering point in paddock above river bank.

Rookwood Weir