

400 m ² plot: Sheet _ of _	Survey Name	Plot Identifier	Recorders
Date 25 10 18	Flyers Creek	25	L Hamilton N Smith

GF Code	Top 3 native species in each growth form group: Full species name mandatory All other native and exotic species: Full species name where practicable	N, E or HTE	Cover	Abund	stratum	voucher
T	Eucalyptus albens	N	100	2		
	Scotch thistle Onopordum acanthium	E	.6	100	50	
	Exotic erodium	E	.5	500		
	Rye grass Lolium sp	E	10			
	Bathurst burr - Xanthoxylum	HTE	.1	2		
	Geranium molle	E	.5			
	Subterranean clover Trifolium sp	E	25			
	Soft blone Bromus hordeaceus	E	30			
	Vargated thistle	E	.1	3		
	Great brone Bromus diachne	HTE	5			
G	umbrella line sedge Carex inversa	N	.1	50		
	Exotic nettle Urtica dioica	E	.1	20		
F	Rumex brunii	N	.1	2		
G	Rhynchospora sp - small not as hairy	N	.1	50		10

GF Code: see Growth Form definitions in Appendix 1 N: native, E: exotic, HTE: high threat exotic GF - circle code if 'top 3'.
 Cover: 0.1, 0.2, 0.3, ..., 1, 2, 3, ..., 10, 15, 20, 25, ...100% (foliage cover); **Note:** 0.1% cover represents an area of approximately 63 x 63 cm or a circle about 71 cm across, 0.5% cover represents an area of approximately 1.4 x 1.4 m, and 1% = 2.0 x 2.0 m, 5% = 4 x 5 m, 25% = 10 x 10 m
 Abundance: 1, 2, 3, ..., 10, 20, 30, ... 100, 200, ..., 1000, ...

BAM Site – Field Survey Form 797_low Site Sheet no:

Date 27 10 18		Survey Name Flyers Ck	Zone ID 797_low	Recorders L Hamilton N Sm		
Zone 55	Datum H	Plot ID 26	Plot dimensions 20x50	Photo #		
Easting 692722	Northing 6282411	IBRA region SE Highlands Orange	Midline bearing from 0 m 290			
Vegetation Class						Confidence: H M L
Plant Community Type Eucalyptus Red gums 797_low cord.				EEC:		Confidence: H M L

Record easting and northing at 0 m on midline. Dimensions (Shape) of 0.04 ha base plot

BAM Attribute (400 m ² plot)	Sum values
Count of Native Richness	
Trees	10
Shrubs	00
Grasses etc.	25
Forbs	11
Ferns	00
Other	00
Sum of Cover of native vascular plants by growth form group	
Trees	100
Shrubs	00
Grasses etc.	30.72
Forbs	0.1
Ferns	0.0
Other	0.0
High Threat Weed cover	6.5

BAM Attribute (1000 m ² plot)		
DBH	# Tree Stems Count	# Stems with Hollows
80 + cm	—	—
50 – 79 cm	—	—
30 – 49 cm	—	—
20 – 29 cm	—	—
10 – 19 cm	—	—
5 – 9 cm	—	—
< 5 cm	—	n/a
Length of logs (m) (≥10 cm diameter, >50 cm in length)		
—		

Counts apply when the number of tree stems within a size class is ≤ 10. Estimates can be used when > 10 (eg. 10, 20, 30, 100, 200, 300, ...). For a multi-stemmed tree, only the largest living stem is included in the count/estimate. Tree stems must be living.

For hollows count only the presence of a stem containing hollows. For a multi-stemmed tree, only the largest stem is included in the count/estimate. Stems may be dead and may be shrubs.

BAM Attribute (1 x 1 m plots)	Litter cover (%)	Bare ground cover (%)	Cryptogam cover (%)	Rock cover (%)
Subplot score (% in each)	0.5 0.2 0.1 2.0 1	5 2 1 2 4	0 0 0 0 0	0 0 0 0 4
Average of the 5 subplots	0.58	2.8	0	0.8

Litter cover is assessed as the average percentage ground cover of litter recorded from five 1 m x 1 m plots centred at 5, 15, 25, 35, 45 m along the plot midline. Litter cover includes leaves, seeds, twigs, branchlets and branches (less than 10 cm in diameter). Assessors may also record the cover of rock, bare ground and cryptogams.

Physiography + site features that may help in determining PCT and Management Zone (optional)

Morphological Type	Landform Element	hill slope	Landform Pattern	Foot hills	Microrelief	
Lithology	Soil Surface Texture	Clay loam	Soil Colour	Brown	Soil Depth	
Slope	Aspect	W	Site Drainage	NE	Distance to nearest water and type	200m Farm Dam

Plot Disturbance	Severity code	Age code	Observational evidence:
Clearing (inc. logging)	S	O	Stumps + remaining paddocks trees
Cultivation (inc. pasture)	O		
Soil erosion	O		
Firewood / CWD removal	O		
Grazing (identify native/stock)	M	R	animal dung.
Fire damage			
Storm damage			
Weediness	2		
Other			

Severity: 0=no evidence, 1=light, 2=moderate, 3=severe

Age: R=recent (<3yrs), NR=not recent (3-10yrs), O=old (>10yrs)

Exotic w
Red grass
↓
low cover
D.G

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400 m ² plot: Sheet _ of _	Survey Name	Plot Identifier	Recorders
Date 27 10 18	Flyers Creek	26	N Smith L Hamilton

GF Code	Top 3 native species in each growth form group: Full species name mandatory All other native and exotic species: Full species name where practicable	N, E or HTE	Cover	Abund	stratum	voucher
	* Soft bromel <i>Bromus hordeaceus</i>	E	25			
	* subterranean clover <i>Trifolium</i>	E	25			
	* <i>Poa bulbosa</i>	E	10			
G	Red leg grass <i>Bothriochloa macra</i>	N	25 20			
G	<i>Rhynchospora</i> - small	N	10			10
G	native wheat <i>Anthracoceros scabra</i>	N	1.5			
	Parsley plant <i>Aphanes arvensis</i>	E	.1	10		
	Cape weed <i>Arctostaphylos calendula</i>	E	.1	3		
	Centauray fob <i>Centaurium sp</i>	E	.1			
F	green fob - unidentified	N	.1	20		
	<i>Vulpia</i>	E	.1			
G	<i>Rhynchospora</i> 2. larger	N	.1	10		
	Onion grass <i>Ranunculus</i>	HTE	.5			
	exotic <i>erradium betnys</i>	E	.1	20		
	Rye grass <i>Lolium sp</i>	E	.5			
G	little umbrella sedge <i>Carex inversa</i>	N	.1	20		
	<i>Austrostipa</i> - unidentified					
	<i>Phalaris</i>	E	.2	10		
	serrated tussock <i>Nassella sp.</i>	HTE	.1	1		

GF Code: see Growth Form definitions in Appendix 1 N: native, E: exotic, HTE: high threat exotic GF - circle code if 'top 3'.
 Cover: 0.1, 0.2, 0.3, ..., 1, 2, 3, ..., 10, 15, 20, 25, ...100% (foliage cover); **Note:** 0.1% cover represents an area of approximately 63 x 63 cm or a circle about 71 cm across, 0.5% cover represents an area of approximately 1.4 x 1.4 m, and 1% = 2.0 x 2.0 m, 5% = 4 x 5 m, 25% = 10 x 10 m
 Abundance: 1, 2, 3, ..., 10, 20, 30, ... 100, 200, ..., 1000, ...

lots of
Supurb - superb species
polygon

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BAM Site – Field Survey Form Site Sheet no: 1 of 2

Date		Survey Name	Zone ID	Recorders		
19/01/19		Flowers Creek	277_exotic	NSmith & L Hamilton		
Zone 55	Datum H	Plot ID 2727 118	Plot dimensions 20 x 50	Photo #		
Easting 692880	Northing 6280041	IBRA region SEH	Midline bearing from 0 m 274°	Confidence: H M L		
Vegetation Class				Confidence: H M L		
Plant Community Type 277_exotic				EEC:		Confidence: H M L

Record easting and northing at 0 m on midline. Dimensions (Shape) of 0.04 ha base plot

BAM Attribute (400 m ² plot)	Sum values
Count of Native Richness	
Trees	1
Shrubs	0
Grasses etc.	8
Forbs	4
Ferns	0
Other	0
Sum of Cover of native vascular plants by growth form group	
Trees	20
Shrubs	0
Grasses etc.	2.3
Forbs	0.4
Ferns	0
Other	0
High Threat Weed cover	1

BAM Attribute (1000 m ² plot)		
DBH	# Tree Stems Count	# Stems with Hollows
80 + cm	11 (2)	1 (1)
50 – 79 cm	—	—
30 – 49 cm	—	—
20 – 29 cm	1 (1)	—
10 – 19 cm	—	—
5 – 9 cm	—	1 (1)
< 5 cm	11 (11)	n/a
Length of logs (m) (≥10 cm diameter, >50 cm in length)	1.5, 1.5, 2.0, 1.5, 3.0, 4.0, 3.0, 2.0, 3.0, 2.5, 3.0, 0.8, 4.5, 4.5, 3.0, 2.5, 2.0, 1.0, 4.5, 1.5, 4.0, 2.0, 5.0, 6.5, 1.5, 3.0	

Counts apply when the number of tree stems within a size class is ≤ 10. Estimates can be used when > 10 (eg. 10, 20, 30, 100, 200, 300, ...). For a multi-stemmed tree, only the largest living stem is included in the count/estimate. Tree stems must be living.

For hollows, count only the presence of a stem containing hollows. For a multi-stemmed tree, only the largest stem is included in the count/estimate. Stems may be dead and may be shrubs.

BAM Attribute (1 x 1 m plots)	Litter cover (%)					Bare ground cover (%)					Cryptogam cover (%)					Rock cover (%)				
Subplot score (% in each)	70	30	45	10	35	2	15	2	70	10	0	0	0	0	0	0	0	0	0	0
Average of the 5 subplots	38																			

Litter cover is assessed as the average percentage ground cover of litter recorded from five 1 m x 1 m plots centred at 5, 15, 25, 35, 45 m along the plot midline. Litter cover includes leaves, seeds, twigs, branchlets and branches (less than 10 cm in diameter). Assessors may also record the cover of rock, bare ground and cryptogams.

Physiography + site features that may help in determining PCT and Management Zone (optional)

Morphological Type	Landform Element	Hill side	Landform Pattern	Rolling foot hills
Lithology	Soil Surface Texture	loam	Soil Colour	Brown
Slope	Aspect	W	Site Drainage	south

Plot Disturbance	Severity code	Age code	Observational evidence:
Clearing (inc. logging)	2	0	Remaining trees in patch.
Cultivation (inc. pasture)	0		
Soil erosion	1	R	slumps - no groundcover, use by stock.
Firewood / CWD removal	0		
Grazing (identify native/stock)	3	R	Livestock sighted, dung, condition of groundcover
Fire damage	0		
Storm damage	0		
Weediness	3	R	Predominantly weedy understorey, blackberry, sweet briar, rose, serrated fuscicula
Other			

Severity: 0=no evidence, 1=light, 2=moderate, 3=severe

Age: R=recent (<3yrs), NR=not recent (3-10yrs), O=old (>10yrs)

Derived grass - low

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BAM Site – Field Survey Form						Site Sheet no: 1 of 2	
Date		Survey Name		Zone ID		Recorders	
19.01.19		Flyers Cr		Exotic & Native		N SMITH L HAMILTON	
Zone	Datum	Plot ID	Plot dimensions	Photo #			
55	#	28	20x50				
Easting	Northing	IBRA region	Midline bearing from 0 m				
692970	6279903	SE7	56°				
Vegetation Class						Confidence:	
						H M L	
Plant Community Type						EEC:	
Exotic & natives.						H M L	

Record easting and northing at 0 m on midline. Dimensions (Shape) of 0.04 ha base plot.

BAM Attribute (400 m ² plot)	Sum values
Trees	0
Shrubs	0
Count of Native Richness	
Grasses etc.	5
Forbs	45
Ferns	0
Other	0
Sum of Cover of native vascular plants by growth form group	
Trees	0
Shrubs	0
Grasses etc.	27.2
Forbs	20.8
Ferns	0
Other	0
High Threat Weed cover	2.4

BAM Attribute (1000 m ² plot)		
DBH	# Tree Stems Count	# Stems with Hollows
80 + cm	-	-
50 – 79 cm	-	-
30 – 49 cm	-	-
20 – 29 cm	-	-
10 – 19 cm	-	-
5 – 9 cm	-	-
< 5 cm	-	n/a
Length of logs (m) (>10 cm diameter, >50 cm in length)	1.0, 0.65,	1.65

Counts apply when the number of tree stems within a size class is ≤ 10. Estimates can be used when > 10 (eg. 10, 20, 30, 100, 200, 300). For a multi-stemmed tree, only the largest living stem is included in the count/estimate. Tree stems must be living.

For hollows, count only the presence of a stem containing hollows. For a multi-stemmed tree, only the largest stem is included in the count/estimate. Stems may be dead and may be shrubs.

BAM Attribute (1 x 1 m plots)	Litter cover (%)					Bare ground cover (%)					Cryptogam cover (%)					Rock cover (%)				
Subplot score (% in each)	5	2	3	6	7	8	10	2	3	3	0	0	0	0	0	0	0	0	0	0
Average of the 5 subplots	4.6																			

Litter cover is assessed as the average percentage ground cover of litter recorded from five 1 m x 1 m plots centred at 5, 15, 25, 35, 45 m along the plot midline. Litter cover includes leaves, seeds, twigs, branchlets and branches (less than 10 cm in diameter). Assessors may also record the cover of rock, bare ground and cryptogams.

Physiography + site features that may help in determining PCT and Management Zone (optional)

Morphological Type	Landform Element	Hill top	Landform Pattern	Footmills	Microrelief	
Lithology	Soil Surface Texture	loam	Soil Colour	Red-brown	Soil Depth	
Slope	Aspect	NE	Site Drainage	NE	Distance to nearest water and type	300m drainage line

Plot Disturbance	Severity code	Age code	Observational evidence:
Clearing (inc. logging)	3	O	surrounding woodland
Cultivation (inc. pasture)	0		
Soil erosion	1	NR	
Firewood/CWD removal	0		
Grazing (identify native/stock)	2	R	Livestock sighting + dung
Fire damage	0		
Storm damage	0		
Weediness	3	R	mostly weeds - pato, St John's wort, datura, myrica, mistle, skeleton weed, dave
Other			

Severity: 0=no evidence, 1=light, 2=moderate, 3=severe

Age: R=recent (<3yrs), NR=not recent (3-10yrs), O=old (>10yrs)

BAM Site – Field Survey Form						Site Sheet no: 101			
		Survey Name	Zone ID	Recorders					
Date	19.01.18	Flyers	Exotic natives	N Smith & Hamilton					
Zone	55	Datum	M	Plot ID	29	Plot dimensions	20x50	Photo #	
Easting	692739	Northing	6280532	IBRA region	SEH	Midline bearing from 0 m	148°		
Vegetation Class							Confidence: H M L		
Plant Community Type							Confidence: H M L		
Exotic - w - natives							EEC:		

Record easting and northing at 0 m on midline. Dimensions (Shape) of 0.04 ha base plot

BAM Attribute (400 m ² plot)	Sum values
Trees	0
Shrubs	0
Count of Native Richness	
Grasses etc.	3
Forbs	3
Ferns	0
Other	0
Sum of Cover of native vascular plants by growth form group	
Trees	0
Shrubs	0
Grasses etc.	3.1
Forbs	5.6
Ferns	0
Other	0
High Threat Weed cover	3.2

BAM Attribute (1000 m ² plot)		
DBH	# Tree Stems Count	# Stems with Hollows
80 + cm	—	—
50 – 79 cm	—	—
30 – 49 cm	—	—
20 – 29 cm	—	—
10 – 19 cm	—	—
5 – 9 cm	—	—
< 5 cm	—	n/a
Length of logs (m) (≥10 cm diameter, >50 cm in length)	—	

Counts apply when the number of tree stems within a size class is ≤ 10. Estimates can be used when > 10 (eg. 10, 20, 30, 100, 200, 300). For a multi-stemmed tree, only the largest living stem is included in the count/estimate. Tree stems must be living.

For hollows, count only the presence of a stem containing hollows. For a multi-stemmed tree, only the largest stem is included in the count/estimate. Stems may be dead and may be shrubs.

BAM Attribute (1 x 1 m plots)	Litter cover (%)		Bare ground cover (%)		Cryptogam cover (%)			Rock cover (%)										
Subplot score (% in each)	2	2	1	5	5	7	50	40	35	20	0	0	0	0	0	0	0	0
Average of the 5 subplots	3																	

Litter cover is assessed as the average percentage ground cover of litter recorded from five 1 m x 1 m plots centred at 5, 15, 25, 35, 45 m along the plot midline. Litter cover includes leaves, seeds, twigs, branchlets and branches (less than 10 cm in diameter). Assessors may also record the cover of rock, bare ground and cryptogams.

Physiography + site features that may help in determining PCT and Management Zone (optional)

Morphological Type		Landform Element	Hill top	Landform Pattern	Firewalls	Microrelief	
Lithology		Soil Surface Texture	10a m	Soil Colour	Red	Soil Depth	
Slope		Aspect	SE	Site Drainage	NE	Distance to nearest water and type	1 km drainage line

Plot Disturbance	Severity code	Age code	Observational evidence:
Clearing (inc. logging)	3	0	sun-bleached woodlands
Cultivation (inc. pasture)	0		
Soil erosion	1	R	from stock + no groundcover
Firewood / CWD removal	0		
Grazing (identify native/stock)	2	R	dung
Fire damage	0		
Storm damage	0		
Weediness	3	R	Predominantly weeds - Bathurst Blueberry, cyanogen toxic etc.
Other			

Severity: 0=no evidence, 1=light, 2=moderate, 3=severe

Age: R=recent (<3yrs), NR=not recent (3-10yrs), O=old (>10yrs)

797-Low?

Exotic w. native

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400 m ² plot: Sheet _ of _	Survey Name	Plot Identifier	Recorders
Date 19 01 18	Flyers	29	L Hamilton N Smith

GF Code	Top 3 native species in each growth form group: Full species name mandatory All other native and exotic species: Full species name where practicable	N, E or HTE	Cover	Abund	stratum	voucher
	Witch grass <i>Panicum capillare</i>	E	1	100		
F	Black cutworm weed <i>Dysphania pulchra</i>	N	5	1000		
G	Red leg grass <i>Botriochloa macra</i>	N	25	50		
	<i>Xanthoxylum spinosum</i>	HTE	.1	20		
	Saffron Thistle <i>rossettes</i>	HTE	3	1000		
	Goose grass <i>Eleusine tristachya</i>	E	.1	25		
	<i>Valpura</i> <i>silver grass</i>					
	<i>Trifolium</i> sp	E	.1	1		
F	<i>Oxalis perennans</i>	N	.1	10		
F	<i>Rumex brownii</i>	N	.1	8		
G	<i>Rhytidospenna</i> small-lobed <i>auriculatum</i>	N	.1	10		
G	<i>Microlena stipoides</i>	N	1	50		
	Variegated thistle <i>rossettes</i>	E	.1	20		
	Camel melon <i>Lanatus citullus</i>	E	.1	8		
	Stinging nettle <i>exotic</i>	E	.5	20		
	<i>Avena fatua</i>	E	.1	2		
	serrated tussock <i>Nassella</i>	HTE	.1	2		
	Wire weed <i>Polygonum aviculare</i>	E	.1	1		
	<i>Bromus hordeaceus</i>	E	.1	50		
	Barley grass - dead	E	50	5000		
	<i>Lolium perennans</i>	E	.1	1		

rossettes

GF Code: see Growth Form definitions in Appendix 1 N: native, E: exotic, HTE: high threat exotic GF - circle code if 'top 3'.
 Cover: 0.1, 0.2, 0.3, ..., 1, 2, 3, ..., 10, 15, 20, 25, ...100% (foliage cover); Note: 0.1% cover represents an area of approximately 63 x 63 cm or a circle about 71 cm across, 0.5% cover represents an area of approximately 1.4 x 1.4 m, and 1% = 2.0 x 2.0 m, 5% = 4 x 5 m, 25% = 10 x 10 m
 Abundance: 1, 2, 3, ..., 10, 20, 30, ... 100, 200, ..., 1000, ...

BAM Site – Field Survey Form Site Sheet no: 1 of 2

Date		Survey Name		Zone ID		Recorders	
19/01/19		Flup's Cle		Devined-mod		N SMITH L HAMILTON	
Zone	Datum	Plot ID	Plot dimensions	Photo #			
55	H	30	20x50				
Easting	Northing	IBRA region	Midline bearing from 0 m				
692858	6280813	SEH	163°				
Vegetation Class							Confidence:
							H M L
Plant Community Type							EEC:
DG-mod							H M L

Record easting and northing at 0 m on midline. Dimensions (Shape) of 0.04 ha base plot.

BAM Attribute (400 m ² plot)	Sum values
Count of Native Richness	
Trees	1
Shrubs	0
Grasses etc.	9
Forbs	4
Ferns	0
Other	0
Sum of Cover of native vascular plants by growth form group	
Trees	.1
Shrubs	0
Grasses etc.	76.1
Forbs	0.4
Ferns	0
Other	0
High Threat Weed cover	0.2

BAM Attribute (1000 m ² plot)		
DBH	# Tree Stems Count	# Stems with Hollows
80 + cm	-	-
50 – 79 cm	-	-
30 – 49 cm	-	-
20 – 29 cm	-	-
10 – 19 cm	-	-
5 – 9 cm	-	-
< 5 cm	①	n/a
Length of logs (m) (≥10 cm diameter, >50 cm in length)	-	

Counts apply when the number of tree stems within a size class is ≤ 10. Estimates can be used when > 10 (eg. 10, 20, 30, 100, 200, 300). For a multi-stemmed tree, only the largest living stem is included in the count/estimate. Tree stems must be living.

For hollows, count only the presence of a stem containing hollows. For a multi-stemmed tree, only the largest stem is included in the count/estimate. Stems may be dead and may be shrubs.

BAM Attribute (1 x 1 m plots)	Litter cover (%)					Bare ground cover (%)					Cryptogam cover (%)					Rock cover (%)				
Subplot score (% in each)	5	2	1	1	2	0	0	3	0	4	0	0	0	0	0	0	0	0	0	0
Average of the 5 subplots	2.2																			

Litter cover is assessed as the average percentage ground cover of litter recorded from five 1 m x 1 m plots centred at 5, 15, 25, 35, 45 m along the plot midline. Litter cover includes leaves, seeds, twigs, branchlets and branches (less than 10 cm in diameter). Assessors may also record the cover of rock, bare ground and cryptogams.

Physiography + site features that may help in determining PCT and Management Zone (optional)

Morphological Type		Landform Element	hillsides	Landform Pattern	Foot hills	Microrelief	
Lithology		Soil Surface Texture	Loam	Soil Colour	Red-brown	Soil Depth	
Slope		Aspect	S	Site Drainage	E	Distance to nearest water and type	

Plot Disturbance	Severity code	Age code	Observational evidence:
Clearing (inc. logging)	3	0	surrounding remaining woodland.
Cultivation (inc. pasture)	0		
Soil erosion	0		
Firewood /CWD removal	0		
Grazing (identify native/stock)	1	R	some clearing.
Fire damage	0		
Storm damage	0		
Weediness	1	R	some weeds
Other			

Severity: 0=no evidence, 1=light, 2=moderate, 3=severe

Age: R=recent (<3yrs), NR=not recent (3-10yrs), O=old (>10yrs)

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400 m ² plot: Sheet _ of _	Survey Name	Plot Identifier	Recorders
Date	Flyers	30	L Hamilton N Smith

GF Code	Top 3 native species in each growth form group: Full species name mandatory All other native and exotic species: Full species name where practicable	N, E or HTE	Cover	Abund	stratum	voucher
G	Red grass <i>Boutanochloa maculata</i>	N	5.0	5000		
G	native wheat <i>Arrhenatherum scabra</i>	N	1.0	200		
	<i>hypochaeris radicata</i>	F	5			
	narrow leaf clover	F	.5			
	<i>Taraxacum</i> - dead	F	.1	20		
G	<i>Rhynchospora</i> sp. - tall	N	.2	200		
	serotined insect <i>Nassella trichotoma</i>	HTE	.1	15		
G	<i>Carex inversa</i>	N	.1	2		
	<i>Isolapsis marginata</i>	E	.1	30		
	fox tail grass - rough dog tail <i>Cynosuroides echynops</i>	E	.1	30		
	Oman grass - unidentified - clonal	HTE	.1	30		
	Spear thistle	F	.1	2		
F	Star cadweed <i>Euchiton involucratus</i>	N	.1	15		
F	Caustic weed <i>Euphorbia dummaria</i>	N	.1	5		
	<i>Bromus hordeaceus</i>	E	.2			
G	<i>Austrostipa scabra</i>	N	.5	100		
F	<i>Oxalis pennanans</i>	N	.1	2		
G	<i>Microleana stipoides</i>	N	.1	5		
	Witch grass - rosette <i>Panicum capillare</i>	E	.1	20		
G	<i>Rhynchospora</i> - 2	N	.5	500		
	Silvery hair grass <i>Aira caryophylla</i>	E	.2			
G	<i>Chloris truncata</i>	N	10			
J	<i>Eucalyptus melliodora</i>	N	.1	1		
G	<i>Juncus</i> sp.	N	.1	2		
G	<i>Sporobolus creber</i> slender raton grass	N	.1	75		ID
	Yorkshire fog grass <i>Holcus lanatus</i>	E	.1	1		
F	<i>Rumex brownii</i>	N	.1	1		

GF Code: see Growth Form definitions in Appendix 1 N: native, E: exotic, HTE: high threat exotic GF - circle code if 'top 3'.
 Cover: 0.1, 0.2, 0.3, ..., 1, 2, 3, ..., 10, 15, 20, 25, ...100% (foliage cover); Note: 0.1% cover represents an area of approximately 63 x 63 cm or a circle about 71 cm across, 0.5% cover represents an area of approximately 1.4 x 1.4 m, and 1% = 2.0 x 2.0 m, 5% = 4 x 5 m, 25% = 10 x 10 m
 Abundance: 1, 2, 3, ..., 10, 20, 30, ... 100, 200, ..., 1000, ...

BAM Site – Field Survey Form						Site Sheet no: 1 of 2			
		Survey Name	Zone ID	Recorders					
Date	19/01/19	Plyers Crk	Exotic	N SMITH / HAMILTON					
Zone	55	Datum	H	Plot ID	31	Plot dimensions	20 x 50	Photo #	
Easting	692314	Northing	6281637	IBRA region	SEH	Midline bearing from 0 m	161°		
Vegetation Class							Confidence:		
							H M L		
Plant Community Type							EEC:		
Kyo tic							H M L		

Record easting and northing at 0 m on midline. Dimensions (Shape) of 0.04 ha base plot.

BAM Attribute (400 m ² plot)	Sum values
Trees	0
Shrubs	0
Count of Native Richness	
Grasses etc.	3
Forbs	2
Ferns	0
Other	0
Sum of Cover of native vascular plants by growth form group	
Trees	0
Shrubs	0
Grasses etc.	0.9
Forbs	0.2
Ferns	0
Other	0
High Threat Weed cover	10.1

BAM Attribute (1000 m ² plot)		
DBH	# Tree Stems Count	# Stems with Hollows
80 + cm	—	—
50 – 79 cm	—	—
30 – 49 cm	—	—
20 – 29 cm	—	—
10 – 19 cm	—	—
5 – 9 cm	—	—
< 5 cm	—	n/a
Length of logs (m) (≥10 cm diameter, >50 cm in length)	3 m	

Counts apply when the number of tree stems within a size class is ≤ 10. Estimates can be used when > 10 (eg. 10, 20, 30, 100, 200, 300...). For a multi-stemmed tree, only the largest living stem is included in the count/estimate. Tree stems must be living.

For hollows, count only the presence of a stem containing hollows. For a multi-stemmed tree, only the largest stem is included in the count/estimate. Stems may be dead and may be shrubs.

BAM Attribute (1 x 1 m plots)	Litter cover (%)	Bare ground cover (%)	Cryptogam cover (%)	Rock cover (%)
Subplot score (% in each)	1 5 2 3 1	60 40 40 20 40	0 0 0 0 0	0 0 0 0 0
Average of the 5 subplots	2.4			

Litter cover is assessed as the average percentage ground cover of litter recorded from five 1 m x 1 m plots centred at 5, 15, 25, 35, 45 m along the plot midline. Litter cover includes leaves, seeds, twigs, branchlets and branches (less than 10 cm in diameter). Assessors may also record the cover of rock, bare ground and cryptogams.

Physiography + site features that may help in determining PCT and Management Zone (optional)

Morphological Type	Landform Element	hill top	Landform Pattern	Foot hills	Microrelief	
Lithology	Soil Surface Texture	Clay loam	Soil Colour	Red	Soil Depth	
Slope	Aspect	S	Site Drainage	SW	Distance to nearest water and type	

Plot Disturbance	Severity code	Age code	Observational evidence:
Clearing (inc. logging)	3	0	Surrounding remnant woodland.
Cultivation (inc. pasture)	0		
Soil erosion	1	R	around rocks & area w/ low ground cover.
Firewood / CWD removal	0		
Grazing (identify native/stock)	2	R	dung
Fire damage	0		
Storm damage	0		
Weediness	3	R	Predominantly weeds - see pg 2
Other			

Severity: 0=no evidence, 1=light, 2=moderate, 3=severe

Age: R=recent (<3yrs), NR=not recent (3-10yrs), O=old (>10yrs)

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400 m ² plot: Sheet _ of _	Survey Name	Plot Identifier	Recorders
Date 19 01 18	Flyers	31	L Hamilton N Smith

GF Code	Top 3 native species in each growth form group: Full species name mandatory All other native and exotic species: Full species name where practicable	N, E or HTE	Cover	Abund	stratum	voucher
	Saltan thistle <i>Carthamus lanatus</i>	HTE	10	1000		
	<i>Avena fatua</i>	E	5	100		
	<i>Bromus hordeaceus</i>	E	60	5000		
	Barley grass - dead	E	810	1000		
	Witch grass <i>Panicum capillare</i>	F	.1	30		
	Aarons Rod <i>Verbascum thapsus</i>	F	.1	1		
G	Red grass <i>Bothriochloa macra</i>	N	0.5	10		
	red flowered mallow <i>Modiola</i>	F	0.1	5		
G	<i>Microleana stipoides</i>	N	0.3	20		
	<i>Eriogrostis</i> sp-	E	4.5	30		ID
	<i>Xanthoxylum spinosum</i>	HTE	.31	10		
F	<i>Rumex brunii</i> - dead	N	0.1	5		
	Horehound <i>Marrubium vulgare</i>	E	0.1	30		
F	Black crumb weed <i>Disporia pumilio</i>	N	.1	30		
	spear thistle <i>Cirsium vulgare</i>	E	.1	3		
	<i>Hypochaeris radicata</i>	E	.1	1		
G	<i>Australostipa scabra</i>	N	.1	2		
	sheeps sorrel <i>Acelosella vulgaris</i>	E	.1	1		
	Camel rotan					
	Skeleton weed <i>Chandulla</i>	F	.1	2		
	<i>Vulpia</i>	E	1	100		

GF Code: see Growth Form definitions in Appendix 1 N: native, E: exotic, HTE: high threat exotic GF - circle code if 'top 3'.
 Cover: 0.1, 0.2, 0.3, ..., 1, 2, 3, ..., 10, 15, 20, 25, ...100% (foliage cover); Note: 0.1% cover represents an area of approximately 63 x 63 cm or a circle about 71 cm across, 0.5% cover represents an area of approximately 1.4 x 1.4 m, and 1% = 2.0 x 2.0 m, 5% = 4 x 5 m, 25% = 10 x 10 m
 Abundance: 1, 2, 3, ..., 10, 20, 30, ... 100, 200, ..., 1000, ...

BAM Site – Field Survey Form						Site Sheet no: 101 2	
Date		Survey Name		Zone ID		Recorders	
20 01 19		Fluors Crk		277- MOB ^{EXOTIC}		N. SMITH L HAMILTON	
Zone	Datum	Plot ID	Plot dimensions	Photo #			
55	H	32	20x50				
Easting	Northing	IBRA region	Midline bearing from 0 m				
693168	6283312	SEH	45°				
Vegetation Class		Halls Road				Confidence: H M L	
Plant Community Type		277- MOB Exotic				EEC: Confidence: H M L	

Record easting and northing at 0 m on midline. Dimensions (Shape) of 0.04 ha base plot

BAM Attribute (400 m ² plot)	Sum values
Count of Native Richness	
Trees	2
Shrubs	0
Grasses etc.	4
Forbs	1
Ferns	0
Other	0
Sum of Cover of native vascular plants by growth form group	
Trees	13
Shrubs	0
Grasses etc.	1.4
Forbs	1
Ferns	0
Other	0
High Threat Weed cover	0

BAM Attribute (1000 m ² plot)		
DBH	# Tree Stems Count	# Stems with Hollows
80 + cm	-	-
50 – 79 cm	-	-
30 – 49 cm	1	1
20 – 29 cm	-	-
10 – 19 cm	-	-
5 – 9 cm	-	-
< 5 cm	-	n/a
Length of logs (m) (≥10 cm diameter, >50 cm in length)	2.0, 1.0, 1.5, 2.0, 3.0, 3.0, 2.0, 6.0, 9.0, 19.0, 30.0, 14.0. (92.0)	

Counts apply when the number of tree stems within a size class is ≤ 10. Estimates can be used when > 10 (eg. 10, 20, 30 ... 100, 200, 300 ...). For a multi-stemmed tree, only the largest living stem is included in the count/estimate. Tree stems must be living.

For hollows, count only the presence of a stem containing hollows. For a multi-stemmed tree, only the largest stem is included in the count/estimate. Stems may be dead and may be shrubs.

BAM Attribute (1 x 1 m plots)	Litter cover (%)					Bare ground cover (%)					Cryptogam cover (%)					Rock cover (%)				
Subplot score (% in each)	45	10	2	50	45	50	30	40	5	30	0	0	0	0	0	0	20	15	0	5
Average of the 5 subplots	30.4																			

Litter cover is assessed as the average percentage ground cover of litter recorded from five 1 m x 1 m plots centred at 5, 15, 25, 35, 45 m along the plot midline. Litter cover includes leaves, seeds, twigs, branchlets and branches (less than 10 cm in diameter). Assessors may also record the cover of rock, bare ground and cryptogams.

Physiography + site features that may help in determining PCT and Management Zone (optional)

Morphological Type	Landform Element	hill side	Landform Pattern	Foot hills	Microrelief	
Lithology	Soil Surface Texture	loam	Soil Colour	Brown	Soil Depth	
Slope	Aspect	NE	Site Drainage	N	Distance to nearest water and type	

Plot Disturbance	Severity code	Age code	Observational evidence:
Clearing (inc. logging)	2	O	Remainng native trees in plot + stumps
Cultivation (inc. pasture)	0		
Soil erosion	3	R	Liter dams from runoff, gullies,
Firewood / CWD removal	0		
Grazing (identify native/stock)	3	R	hueshede signited + dung
Fire damage	0		
Storm damage	0		
Weediness	3	R	Predominantly weeds
Other			

Severity: 0=no evidence, 1=light, 2=moderate, 3=severe

Age: R=recent (<3yrs), NR=not recent (3-10yrs), O=old (>10yrs)

BAM Site – Field Survey Form Site Sheet no: 1 of 2

		Survey Name	Zone ID	Recorders					
Date	20/01/19	Flyers Crk	DG-mod	N SMITH L HAMILTON					
Zone	55	Datum	H	Plot ID	33	Plot dimensions	20x50	Photo #	
Easting	692982	Northing	6282449	IBRA region	SEH	Midline bearing from 0 m	90°		
Vegetation Class									Confidence: H M L
Plant Community Type							Devined Grassland - Moderate		EEC: H M L

Record easting and northing at 0 m on midline. Dimensions (Shape) of 0.04 ha base plot.

BAM Attribute (400 m ² plot)	Sum values
Count of Native Richness	
Trees	0
Shrubs	0
Grasses etc.	6
Forbs	3
Ferns	0
Other	0
Sum of Cover of native vascular plants by growth form group	
Trees	0
Shrubs	0
Grasses etc.	51.6
Forbs	0.3
Ferns	0
Other	0
High Threat Weed cover	3.3

BAM Attribute (1000 m ² plot)		
DBH	# Tree Stems Count	# Stems with Hollows
80 + cm	—	—
50 – 79 cm	—	—
30 – 49 cm	—	—
20 – 29 cm	—	—
10 – 19 cm	—	—
5 – 9 cm	—	—
< 5 cm	—	n/a
Length of logs (m) (≥10 cm diameter, >50 cm in length)	—	

Counts apply when the number of tree stems within a size class is ≤ 10. Estimates can be used when > 10 (eg. 10, 20, 30, 100, 200, 300). For a multi-stemmed tree, only the largest living stem is included in the count/estimate. Tree stems must be living.

For hollows, count only the presence of a stem containing hollows. For a multi-stemmed tree, only the largest stem is included in the count/estimate. Stems may be dead and may be shrubs.

BAM Attribute (1 x 1 m plots)	Litter cover (%)					Bare ground cover (%)					Cryptogam cover (%)					Rock cover (%)				
Subplot score (% in each)	2	1	5	3	1	25	50	30	35	30	0	0	0	0	0	0	0	0	0	0
Average of the 5 subplots	2.4																			

Litter cover is assessed as the average percentage ground cover of litter recorded from five 1 m x 1 m plots centred at 5, 15, 25, 35, 45 m along the plot midline. Litter cover includes leaves, seeds, twigs, branchlets and branches (less than 10 cm in diameter). Assessors may also record the cover of rock, bare ground and cryptogams.

Physiography + site features that may help in determining PCT and Management Zone (optional)

Morphological Type		Landform Element	Footslope	Landform Pattern	Footlifts	Microrelief	
Lithology		Soil Surface Texture	loam	Soil Colour	Brown	Soil Depth	
Slope		Aspect	E	Site Drainage	E	Distance to nearest water and type	E, 10m, gully/creek

Plot Disturbance	Severity code	Age code	Observational evidence:
Clearing (inc. logging)	3	0	Trees left in surrounding environment.
Cultivation (inc. pasture)	0		
Soil erosion	0		
Firewood / CWD removal	0		
Grazing (identify native/stock)	2	R	Livestock sightings, dung
Fire damage	0		
Storm damage	0		
Weediness	1	R	few weed species see plot 33 data.
Other			

Severity: 0=no evidence, 1=light, 2=moderate, 3=severe

Age: R=recent (<3yrs), NR=not recent (3-10yrs), O=old (>10yrs)

BAM Site – Field Survey Form Site Sheet no: 1 of 1

Date: 20 01 19		Survey Name: Flupus Ck	Zone ID: 34	Recorders: N Smith L Hamilton	
Zone: 55	Datum: H	Plot ID: 34	Plot dimensions: 20x50	Photo #:	
Easting: 693050	Northing: 6282499	IBRA region: SEH	Midline bearing from 0 m: 146°		
Vegetation Class: Exotic moderate grassland?			Confidence: H M L		
Plant Community Type: Native Riparian			EEC:	Confidence: H M L	

Record easting and northing at 0 m on midline. Dimensions (Shape) of 0.04 ha base plot

BAM Attribute (400 m ² plot)	Sum values
Trees	0
Shrubs	0
Grasses etc.	6
Forbs	2
Ferns	0
Other	0
Count of Native Richness	
Trees	0
Shrubs	0
Grasses etc.	45.3
Forbs	2
Ferns	0
Other	0
Sum of Cover of native vascular plants by growth form group	
Trees	0
Shrubs	0
Grasses etc.	45.3
Forbs	2
Ferns	0
Other	0
High Threat Weed cover	2.7

BAM Attribute (1000 m ² plot)		
DBH	# Tree Stems Count	# Stems with Hollows
80 + cm		
50 – 79 cm		
30 – 49 cm		
20 – 29 cm		
10 – 19 cm		
5 – 9 cm		
< 5 cm		n/a
Length of logs (m) (≥10 cm diameter, >50 cm in length)	4m	

Counts apply when the number of tree stems within a size class is ≤ 10. Estimates can be used when > 10 (eg. 10, 20, 30, 100, 200, 300). For a multi-stemmed tree, only the largest living stem is included in the count/estimate. Tree stems must be living.

For hollows, count only the presence of a stem containing hollows. For a multi-stemmed tree, only the largest stem is included in the count/estimate. Stems may be dead and may be shrubs.

BAM Attribute (1 x 1 m plots)	Litter cover (%)	Bare ground cover (%)	Cryptogam cover (%)	Rock cover (%)
Subplot score (% in each)	1 2 1 1 0	2 4 0 5 3 5 3 0	0 0 0 0 0 0	0 0 0 0 0 0
Average of the 5 subplots	1		0	0

Litter cover is assessed as the average percentage ground cover of litter recorded from five 1 m x 1 m plots centred at 5, 15, 25, 35, 45 m along the plot midline. Litter cover includes leaves, seeds, twigs, branchlets and branches (less than 10 cm in diameter). Assessors may also record the cover of rock, bare ground and cryptogams.

Physiography + site features that may help in determining PCT and Management Zone (optional)

Morphological Type	Landform Element	incananda	Landform Pattern	Foot hills	Microrelief	
Lithology	Soil Surface Texture	loam	Soil Colour	Brown	Soil Depth	
Slope	Aspect	SE	Site Drainage	in situ	Distance to nearest water and type	with in channel

Plot Disturbance	Severity code	Age code	Observational evidence:
Clearing (inc. logging)	5	0	Remaining trees
Cultivation (inc. pasture)	0		
Soil erosion	3	R	in a gully
Firewood / CWD removal	0		
Grazing (identify native/stock)	2		livestock sighting + dung
Fire damage	0		
Storm damage	0		
Weediness	2		Refer to plot 34 data.
Other			

Severity: 0=no evidence, 1=light, 2=moderate, 3=severe

Age: R=recent (<3yrs), NR=not recent (3-10yrs), O=old (>10yrs)

797 - Moderate??

~~native~~ exotic
riparian

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400 m ² plot: Sheet _ of _		Survey Name	Plot Identifier	Recorders			
Date	20 01 18	Flyers	34	L Hamilton N Smith			
GF Code	Top 3 native species in each growth form group: Full species name mandatory All other native and exotic species: Full species name where practicable	N, E or HTE	Cover	Abund	stratum	voucher	
G	Cynodon dactylon	N	40	5000			
	Paspalum dilatatum	HTE	2	100			
	Trifolium sp	E	1	200			
	^p Phalaris aquatica	E	5	1500			
G	Bothriochloa macra - nod grass	N	1	50			
	Narrow leaved clover	E	1.5	30			
	Pattersons curse	E	.1	20			
G	Anthosachne scabra - wheat	N	.1	15			
G	Rhytidospenna - tall dead smooth	N	.2	100			
G	Carex appressa	N	3	20			
G	Juncus sp	N	1	15			
	* Yorkshire fog grass Holcus	E	.1	5			
	Plantago lanceolata	E	.1	3			
	Spicif thistle Cirsium vulgare	F	.1	1			
	Wire weed Polygonum aviculare	E	.1	15			
	Skeleton weed Chondalla	F	.1	5			
F	Purple flower forb - unidentified	N	.1	1			
	Saffron thistle	HTE	.1	18			
	separated tussock Nassella	HTE	.1	1			
	Saw thistle	E	.1	1			
	hypochaeris radicata	F	.1	1			
	Lolium sp - dead	F	.1	10			
	Fairy grass	E	.1	10			
	Bromus hordeaceus	E	1	100			
	Blackberry Rubus Anthrosus	HTE	.5	2			
	Vulpia - dead	E	.1	20			
F	Star cudweed Erechtia involucrata	N	.1	1			

GF Code: see Growth Form definitions in Appendix 1 N: native, E: exotic, HTE: high threat exotic GF - circle code if 'top 3'.

Cover: 0.1, 0.2, 0.3, ..., 1, 2, 3, ..., 10, 15, 20, 25, ...100% (foliage cover); Note: 0.1% cover represents an area of approximately 63 x 63 cm or a circle about 71 cm across, 0.5% cover represents an area of approximately 1.4 x 1.4 m, and 1% = 2.0 x 2.0 m, 5% = 4 x 5 m, 25% = 10 x 10 m

Abundance: 1, 2, 3, ..., 10, 20, 30, ... 100, 200, ..., 1000, ...

BAM Site – Field Survey Form Site Sheet no: 102

		Survey Name	Zone ID	Recorders						
Date	20-01-19	Flupks Creek	277 Riparian	N SMITH L HAMILTON						
Zone	55	Datum	H	Plot ID	35	Plot dimensions	20x80	Photo #		
Easting	692206	Northing	6283180	IBRA region	SEH	Midline bearing from 0 m	240°			
Vegetation Class		Creeklino					Confidence:		H M L	
Plant Community Type		277- Riparian (277- exotic)					EEC:		H M L	

Record easting and northing at 0 m on midline. Dimensions (Shape) of 0.04 ha base plot.

BAM Attribute (400 m ² plot)	Sum values
Count of Native Richness	
Trees	1
Shrubs	0
Grasses etc.	0
Forbs	2
Ferns	0
Other	0
Sum of Cover of native vascular plants by growth form group	
Trees	15
Shrubs	0
Grasses etc.	0
Forbs	2
Ferns	0
Other	0
High Threat Weed cover	-1

BAM Attribute (1000 m ² plot)		
DBH	# Tree Stems Count	# Stems with Hollows
80 + cm	1	0
50 – 79 cm	11	2
30 – 49 cm		
20 – 29 cm		
10 – 19 cm		
5 – 9 cm		
< 5 cm		n/a
Length of logs (m) (≥10 cm diameter, >50 cm in length)	2.0, 2.5, 1.2, 1.5, 2.0, 2.5, 4.0, 2.0, 13.0, 8.0 = 38.7	

Counts apply when the number of tree stems within a size class is ≤ 10. Estimates can be used when > 10 (eg 10, 20, 30, 100, 200, 300). For a multi-stemmed tree, only the largest living stem is included in the count/estimate. Tree stems must be living.

For hollows, count only the presence of a stem containing hollows. For a multi-stemmed tree, only the largest stem is included in the count/estimate. Stems may be dead and may be shrubs.

BAM Attribute (1 x 1 m plots)	Litter cover (%)					Bare ground cover (%)					Cryptogam cover (%)					Rock cover (%)				
Subplot score (% in each)	10	15	10	20	20	70	30	0	0	0	0	0	0	0	0	0	0	0	0	0
Average of the 5 subplots	43										0					0				

Litter cover is assessed as the average percentage ground cover of litter recorded from five 1 m x 1 m plots centred at 5, 15, 25, 35, 45 m along the plot midline. Litter cover includes leaves, seeds, twigs, branchlets and branches (less than 10 cm in diameter). Assessors may also record the cover of rock, bare ground and cryptogams.

Physiography + site features that may help in determining PCT and Management Zone (optional)

Morphological Type		Landform Element	in-channel	Landform Pattern	Footpaths	Microrelief	
Lithology		Soil Surface Texture	100um	Soil Colour	Brown	Soil Depth	
Slope		Aspect	SW	Site Drainage	in-situ	Distance to nearest water and type	0m within channel

Plot Disturbance	Severity code	Age code	Observational evidence:
Clearing (inc. logging)	2	0	Remnants Riparian shrub
Cultivation (inc. pasture)	0		
Soil erosion	2	NR	Gullying
Firewood / CWD removal	0		
Grazing (identify native/stock)	2	R	dung
Fire damage	0		
Storm damage	0		
Weediness	3	R	Refer to plot 35 data
Other			

Severity: 0=no evidence, 1=light, 2=moderate, 3=severe

Age: R=recent (<3yrs), NR=not recent (3-10yrs), O=old (>10yrs)

BAM Site – Field Survey Form Site Sheet no: 1 of 2

		Survey Name	Zone ID	Recorders					
Date	20.01.19	FLUWISCK	Exotic	N SMITH L HAMILTON					
Zone	SS	Datum	H	Plot ID	36	Plot dimensions	20x50	Photo #	
Easting	691417	Northing	6283218	IBRA region	SEH	Midline bearing from 0 m	27°		
Vegetation Class							Confidence:		H M L
Plant Community Type							EEC:		H M L
									Confidence:
									H M L

Record easting and northing at 0 m on midline. Dimensions (Shape) of 0.04 ha base plot.

BAM Attribute (400 m ² plot)	Sum values
Count of Native Richness	
Trees	0
Shrubs	0
Grasses etc.	3
Forbs	2
Ferns	0
Other	0
Sum of Cover of native vascular plants by growth form group	
Trees	0
Shrubs	0
Grasses etc.	40.2
Forbs	10.1
Ferns	0
Other	0
High Threat Weed cover	0.6

BAM Attribute (1000 m ² plot)		
DBH	# Tree Stems Count	# Stems with Hollows
80 + cm	—	—
50 – 79 cm	—	—
30 – 49 cm	—	—
20 – 29 cm	—	—
10 – 19 cm	—	—
5 – 9 cm	—	—
< 5 cm	—	n/a
Length of logs (m) (≥10 cm diameter, >50 cm in length)		
—		

Counts apply when the number of tree stems within a size class is ≤ 10. Estimates can be used when > 10 (eg. 10, 20, 30, 100, 200, 300). For a multi-stemmed tree, only the largest living stem is included in the count/estimate. Tree stems must be living.
For hollows, count only the presence of a stem containing hollows. For a multi-stemmed tree, only the largest stem is included in the count/estimate. Stems may be dead and may be shrubs.

BAM Attribute (1 x 1 m plots)	Litter cover (%)					Bare ground cover (%)					Cryptogam cover (%)					Rock cover (%)				
Subplot score (% in each)	2	10	1	5	2	100	0	15	0	15	0	0	0	0	0	20	10	0	0	0
Average of the 5 subplots	20 4										0									

Litter cover is assessed as the average percentage ground cover of litter recorded from five 1 m x 1 m plots centred at 5, 15, 25, 35, 45 m along the plot midline. Litter cover includes leaves, seeds, twigs, branchlets and branches (less than 10 cm in diameter). Assessors may also record the cover of rock, bare ground and cryptogams.

Physiography + site features that may help in determining PCT and Management Zone (optional)

Morphological Type		Landform Element	hilltop	Landform Pattern	Footmills	Microrelief	
Lithology		Soil Surface Texture	10am	Soil Colour	Red	Soil Depth	
Slope		Aspect	NE	Site Drainage	KIE	Distance to nearest water and type	

Plot Disturbance	Severity code	Age code	Observational evidence:
Clearing (inc. logging)	3	O	Remains paddock trees
Cultivation (inc. pasture)	2	NR	Disturbance improvement
Soil erosion	1	R	areas w/ no groundcover
Firewood / CWD removal	0		
Grazing (identify native/stock)	3	R	lots of poop
Fire damage	0		
Storm damage	0		
Weediness	2	R	to diversity of weeds
Other			

Severity: 0=no evidence, 1=light, 2=moderate, 3=severe

Age: R=recent (<3yrs), NR=not recent (3-10yrs), O=old (>10yrs)

BAM Site – Field Survey Form Site Sheet no: 101

		Survey Name	Zone ID	Recorders						
Date	20 01 19	Flyers Creek	DG-Low	N SMITH L HAMILTON						
Zone	55	Datum	H	Plot ID	37	Plot dimensions	20x50	Photo #		
Easting	690321	Northing	6282748	IBRA region	SEM.	Midline bearing from 0 m	19°			
Vegetation Class							Confidence: H M L			
Plant Community Type							Derived Grassland - Low.		EEC:	Confidence: H M L

Record easting and northing at 0 m on midline. Dimensions (Shape) of 0.04 ha base plot.

BAM Attribute (400 m ² plot)		Sum values
Count of Native Richness	Trees	1
	Shrubs	0
	Grasses etc.	7
	Forbs	2
	Ferns	0
	Other	0
Sum of Cover of native vascular plants by growth form group	Trees	1
	Shrubs	0
	Grasses etc.	16.4
	Forbs	2
	Ferns	0
	Other	0
High Threat Weed cover		1

BAM Attribute (1000 m ² plot)		
DBH	# Tree Stems Count	# Stems with Hollows
80 + cm	—	—
50 – 79 cm	—	—
30 – 49 cm	—	—
20 – 29 cm	—	—
10 – 19 cm	—	—
5 – 9 cm	—	—
< 5 cm	—	n/a
Length of logs (m) (≥10 cm diameter, >50 cm in length)	0	—

Counts apply when the number of tree stems within a size class is ≤ 10. Estimates can be used when > 10 (eg. 10, 20, 30, 100, 200, 300, ...). For a multi-stemmed tree, only the largest living stem is included in the count/estimate. Tree stems must be living.

For hollows, count only the presence of a stem containing hollows. For a multi-stemmed tree, only the largest stem is included in the count/estimate. Stems may be dead and may be shrubs.

BAM Attribute (1 x 1 m plots)	Litter cover (%)					Bare ground cover (%)					Cryptogam cover (%)					Rock cover (%)				
Subplot score (% in each)	15	2	5	2	3	25	10	10	10	8	0	0	0	0	0	1	1	0	0	0
Average of the 5 subplots	5.4																			

Litter cover is assessed as the average percentage ground cover of litter recorded from five 1 m x 1 m plots centred at 5, 15, 25, 35, 45 m along the plot midline. Litter cover includes leaves, seeds, twigs, branchlets and branches (less than 10 cm in diameter). Assessors may also record the cover of rock, bare ground and cryptogams.

Physiography + site features that may help in determining PCT and Management Zone (optional)

Morphological Type	Landform Element	Hill top	Landform Pattern	Foot hills	Microrelief	
Lithology	Soil Surface Texture	loam	Soil Colour	Red-Brown	Soil Depth	
Slope	Aspect	N	Site Drainage	NW	Distance to nearest water and type	250m, Gully

Plot Disturbance	Severity code	Age code	Observational evidence:
Clearing (inc. logging)	3	O	Remnant paddock trees
Cultivation (inc. pasture)	0		
Soil erosion	2	NR	Areas devoid of groundcover
Firewood / CWD removal	0		
Grazing (identify native/stock)	3	R	Stock, dung, etc
Fire damage	0		
Storm damage	0		
Weediness	2	R	Refer to plot 37 data
Other			

Severity: 0=no evidence, 1=light, 2=moderate, 3=severe

Age: R=recent (<3yrs), NR=not recent (3-10yrs), O=old (>10yrs)

BAM Site – Field Survey Form						Site Sheet no: <u>2</u>	
Date		Survey Name		Zone ID		Recorders	
20/01/19		Flyers Crk		Exotic		N SMITH L HAMILTON	
Zone	Datum	Plot ID		Plot dimensions	Photo #		
55	H	38		20x50			
Easting	Northing	IBRA region		Midline bearing from 0 m			
689395	6282413	SEH		91°			
Vegetation Class						Confidence:	
Plant Community Type						Confidence:	
Exotic						H M L	
EEC:						H M L	

Record easting and northing at 0 m on midline. Dimensions (Shape) of 0.04 ha base plot.

BAM Attribute (400 m ² plot)	Sum values
Count of Native Richness	
Trees	0
Shrubs	1
Grasses etc.	5
Forbs	4
Ferns	0
Other	0
Sum of Cover of native vascular plants by growth form group	
Trees	0
Shrubs	1
Grasses etc.	4.4
Forbs	0.4
Ferns	0
Other	0
High Threat Weed cover	8.3

BAM Attribute (1000 m ² plot)		
DBH	# Tree Stems Count	# Stems with Hollows
80 + cm	—	—
50 – 79 cm	—	—
30 – 49 cm	—	—
20 – 29 cm	—	—
10 – 19 cm	—	—
5 – 9 cm	—	—
< 5 cm	—	n/a
Length of logs (m) (≥10 cm diameter, >50 cm in length)	0.7, 2.0, 1.0, 5.0, 1.0, (9.7)	

Counts apply when the number of tree stems within a size class is ≤ 10. Estimates can be used when > 10 (eg. 10, 20, 30, 100, 200, 300). For a multi-stemmed tree, only the largest living stem is included in the count/estimate. Tree stems must be living.

For hollows, count only the presence of a stem containing hollows. For a multi-stemmed tree, only the largest stem is included in the count/estimate. Stems may be dead and may be shrubs.

BAM Attribute (1 x 1 m plots)	Litter cover (%)	Bare ground cover (%)	Cryptogam cover (%)	Rock cover (%)
Subplot score (% in each)	1 2 5 2 1	15 40 7 5 8	0 0 0 0 0	0 0 0 0 0
Average of the 5 subplots	2.2		0	0

Litter cover is assessed as the average percentage ground cover of litter recorded from five 1 m x 1 m plots centred at 5, 15, 25, 35, 45 m along the plot midline. Litter cover includes leaves, seeds, twigs, branchlets and branches (less than 10 cm in diameter). Assessors may also record the cover of rock, bare ground and cryptogams.

Physiography + site features that may help in determining PCT and Management Zone (optional)

Morphological Type	Landform Element	hill top	Landform Pattern	Foot hills	Microrelief	
Lithology	Soil Surface Texture	clay loam	Soil Colour	Red	Soil Depth	
Slope	Aspect	E	Site Drainage	S	Distance to nearest water and type	

Plot Disturbance	Severity code	Age code	Observational evidence:
Clearing (inc. logging)	3	0	Remaining rootstocks + remnant patches
Cultivation (inc. pasture)	0		
Soil erosion	0		
Firewood / CWD removal	0		
Grazing (identify native/stock)	2	R	dung
Fire damage	0		
Storm damage	0		
Weediness	3	R	Refer to plot 38 data.
Other			

Severity: 0=no evidence, 1=light, 2=moderate, 3=severe

Age: R=recent (<3yrs), NR=not recent (3-10yrs), O=old (>10yrs)

400 m ² plot: Sheet _ of _		Survey Name	Plot Identifier	Recorders
Date	20 01 18	Flyers	38	L Hamilton N Smith

GF Code	Top 3 native species in each growth form group: Full species name mandatory All other native and exotic species: Full species name where practicable	N, E or HTE	Cover	Abund	stratum	voucher
	Wire weed <i>Polygonum aviculare</i>	E	30	2000		
	Pattersons curse	E	0.2	50		
G	<i>Bothriochloa macra</i> red grass	N	4	100		
	Sweet briar <i>Rosa virginiana</i>	HTE	5	20		
F	<i>Rumex crispus</i>	N	0.1	10		
G	<i>Rhytidasperma</i> smooth	N	0.1	20		
	<i>Avena fatua</i>	E	30	200		
	<i>Solanum</i> - hot hand	E	0.1	15		
	Saffron thistle	HTE	3	100		
	<i>Panicum capillare</i>	E	0.1	20		
	<i>Hypochaeris radicata</i>	F	0.1	2		
G	<i>Carex inversa</i>	N	0.1	50		
	Spear thistle.	E	0.1	2		
F	<i>Epilobium</i> - ea <i>billardiereanum</i>	N	0.1	10		
	Skeleton weed <i>Chondrilla</i>	E	0.3	20		
F	Black crumb weed <i>Dysoxylum</i>	N	0.1	30		
	<i>Trifolium subterraneum</i>	E	0.1	2		
	Narrow leaf clover	F	0.1	10		
	<i>Hordeum</i> sp. dead	E	0.1	5		
	<i>Modiola</i>	E	0.1	5		
	Blackberry <i>Rubus</i> sp	HTE	0.2	1		
	steeps sorrel <i>Aralia vulgaris</i>	E	0.2	50		
	Unidentified forb					
	Purple onion flower - <i>Petrophagia dubia</i>	E	0.1	5		
F	Bridge <i>widgee</i> <i>Acaena echinata</i>	N	0.1	5		
G	<i>Anastropha scabra</i>	N	0.1	10		
S	ruby saltbush - <i>Eriochloa tomentosa</i>	N	0.1	2		
	<i>Plantago lanceolata</i>	F	0.1	15		
	<i>Bromus diandrus</i> - dead	HTE	0.1	5		
G	<i>Cynodon dactylon</i>	N	0.1	1		

GF Code: see Growth Form definitions in Appendix 1 N: native, E: exotic, HTE: high threat exotic GF - circle code if 'top 3'.
 Cover: 0.1, 0.2, 0.3, ..., 1, 2, 3, ..., 10, 15, 20, 25, ...100% (foliage cover); Note: 0.1% cover represents an area of approximately 63 x 63 cm or a circle about 71 cm across, 0.5% cover represents an area of approximately 1.4 x 1.4 m, and 1% = 2.0 x 2.0 m, 5% = 4 x 5 m, 25% = 10 x 10 m
 Abundance: 1, 2, 3, ..., 10, 20, 30, ... 100, 200, ..., 1000, ...

BAM Site – Field Survey Form Site Sheet no: **2**

Date		21.01.19	Survey Name	Fluverside	Zone ID	DA-10w	Recorders		N SMITH L HAMILTON
Zone	Datum	55	H	Plot ID	39	Plot dimensions	20x50	Photo #	
Easting	Northing	696707	6283760	IBRA region	SEH	Midline bearing from 0 m	133°		
Vegetation Class								Confidence: H M L	
Plant Community Type								EEC:	Confidence: H M L

Record easting and northing at 0 m on midline. Dimensions (Shape) of 0.04 ha base plot.

BAM Attribute (400 m ² plot)	Sum values
Count of Native Richness	
Trees	0
Shrubs	0
Grasses etc.	7
Forbs	2
Ferns	0
Other	1
Sum of Cover of native vascular plants by growth form group	
Trees	0
Shrubs	0
Grasses etc.	73.4
Forbs	0.3
Ferns	0
Other	1
High Threat Weed cover	20

BAM Attribute (1000 m ² plot)		
DBH	# Tree Stems Count	# Stems with Hollows
80 + cm	-	-
50 – 79 cm	-	-
30 – 49 cm	-	-
20 – 29 cm	-	-
10 – 19 cm	-	-
5 – 9 cm	-	-
< 5 cm	-	n/a
Length of logs (m) (≥10 cm diameter, >50 cm in length)	1.1, 0.8, 0.7 = 2.6 m	

Counts apply when the number of tree stems within a size class is ≤ 10. Estimates can be used when > 10 (eg. 10, 20, 30, 100, 200, 300...). For a multi-stemmed tree, only the largest living stem is included in the count/estimate. Tree stems must be living.

For hollows, count only the presence of a stem containing hollows. For a multi-stemmed tree, only the largest stem is included in the count/estimate. Stems may be dead and may be shrubs.

BAM Attribute (1 x 1 m plots)	Litter cover (%)				Bare ground cover (%)				Cryptogam cover (%)				Rock cover (%)							
Subplot score (% in each)	1	1	5	1	1	10	25	30	10	30	0	0	0	0	0	2	0	0	0	0
Average of the 5 subplots	1.8								0				0.4							

Litter cover is assessed as the average percentage ground cover of litter recorded from five 1 m x 1 m plots centred at 5, 15, 25, 35, 45 m along the plot midline. Litter cover includes leaves, seeds, twigs, branchlets and branches (less than 10 cm in diameter). Assessors may also record the cover of rock, bare ground and cryptogams.

Physiography + site features that may help in determining PCT and Management Zone (optional)

Morphological Type	Landform Element	Hillslope	Landform Pattern	Foothills	Microrelief	
Lithology	Soil Surface Texture	clay/warm	Soil Colour	Red.	Soil Depth	
Slope	Aspect	SE	Site Drainage	SE	Distance to nearest water and type	300m dam

Plot Disturbance	Severity code	Age code	Observational evidence:
Clearing (inc. logging)	3	O	Remaining paddock trees + surrounding woodland
Cultivation (inc. pasture)	0		
Soil erosion	1	R	hill side erosion where no groundcover present + stock impact
Firewood / CWD removal	0		
Grazing (identify native/stock)	2	R	dung
Fire damage	0		
Storm damage	0		
Weediness	2	R	Refer to plot 39 data -
Other			

Severity: 0=no evidence, 1=light, 2=moderate, 3=severe

Age: R=recent (<3yrs), NR=not recent (3-10yrs), O=old (>10yrs)

-This document has not been endorsed or approved by Office of Environment and Heritage or Muddy Boots Environmental Training-

BAM Site – Field Survey Form Site Sheet no: 1 of 2

		Survey Name	Zone ID	Recorders					
Date	01/01/19	Klyers Ck	DG-10w	N SMITH L HAMILTON					
Zone	55	Datum	H	Plot ID	40	Plot dimensions	20x50	Photo #	
69 Easting	7075	Northing	6223196	IBRA region	SEH	Midline bearing from 0 m	283°		
Vegetation Class							Confidence:		H M L
Plant Community Type							EEC:		H M L

Record easting and northing at 0 m on midline. Dimensions (Shape) of 0.04 ha base plot

BAM Attribute (400 m ² plot)		Sum values
Count of Native Richness	Trees	0
	Shrubs	0
	Grasses etc.	6
	Forbs	3
	Ferns	0
	Other	0
Sum of Cover of native vascular plants by growth form group	Trees	0
	Shrubs	0
	Grasses etc.	59.7
	Forbs	0.4
	Ferns	0
	Other	0
High Threat Weed cover		1.1

BAM Attribute (1000 m ² plot)		
DBH	# Tree Stems Count	# Stems with Hollows
80 + cm	—	—
50 – 79 cm	—	—
30 – 49 cm	—	—
20 – 29 cm	—	—
10 – 19 cm	—	—
5 – 9 cm	—	—
< 5 cm	—	n/a
Length of logs (m) (≥10 cm diameter, >50 cm in length)	3.0 + 1.0 = 4.0 m	

Counts apply when the number of tree stems within a size class is ≤ 10. Estimates can be used when > 10 (eg. 10, 20, 30, 100, 200, 300...). For a multi-stemmed tree, only the largest living stem is included in the count/estimate. Tree stems must be living.

For hollows, count only the presence of a stem containing hollows. For a multi-stemmed tree, only the largest stem is included in the count/estimate. Stems may be dead and may be shrubs.

BAM Attribute (1 x 1 m plots)	Litter cover (%)					Bare ground cover (%)					Cryptogam cover (%)					Rock cover (%)				
Subplot score (% in each)	2	3	5	10	10	8	10	15	8	2	0	0	0	0	0	0	0	0	0	0
Average of the 5 subplots	6					8.6					0					0.2				

Litter cover is assessed as the average percentage ground cover of litter recorded from five 1 m x 1 m plots centred at 5, 15, 25, 35, 45 m along the plot midline. Litter cover includes leaves, seeds, twigs, branchlets and branches (less than 10 cm in diameter). Assessors may also record the cover of rock, bare ground and cryptogams.

Physiography + site features that may help in determining PCT and Management Zone (optional)

Morphological Type		Landform Element	hillside	Landform Pattern	Footmills	Microrelief	
Lithology		Soil Surface Texture	loam	Soil Colour	Brown	Soil Depth	
Slope		Aspect	W	Site Drainage	S	Distance to nearest water and type	500m dam

Plot Disturbance	Severity code	Age code	Observational evidence:
Clearing (inc. logging)	3	0	Remainly remnant veg
Cultivation (inc. pasture)	0		
Soil erosion	0		
Firewood / CWD removal	0		
Grazing (identify native/stock)	2	R	dung
Fire damage	0		
Storm damage	0		
Weediness	1-2	R	see details for Plot 40.
Other			

Severity: 0=no evidence, 1=light, 2=moderate, 3=severe

Age: R=recent (<3yrs), NR=not recent (3-10yrs), O=old (>10yrs)

BAM Site – Field Survey Form Site Sheet no: 112

		Survey Name	Zone ID	Recorders		
Date	21 01 19	Figuys Ck	Sedge land	N SMITH	L HAMILTON	
Zone	55	Datum	H	Plot ID	41	Plot dimensions
Easting	696672	Northing	6282590	IBRA region	SEH	Midline bearing from 0 m
					14°	
Vegetation Class					Confidence:	
Plant Community Type					Confidence:	
Sedge land? 1110					EEC:	
					H M L	

Record easting and northing at 0 m on midline. Dimensions (Shape) of 0.04 ha base plot.

BAM Attribute (400 m ² plot)	Sum values
Count of Native Richness	
Trees	0
Shrubs	0
Grasses etc.	3
Forbs	3
Ferns	0
Other	0
Sum of Cover of native vascular plants by growth form group	
Trees	0
Shrubs	0
Grasses etc.	56
Forbs	0.4
Ferns	0
Other	0
High Threat Weed cover	40

BAM Attribute (1000 m ² plot)		
DBH	# Tree Stems Count	# Stems with Hollows
80 + cm	—	—
50 – 79 cm	—	—
30 – 49 cm	—	—
20 – 29 cm	—	—
10 – 19 cm	—	—
5 – 9 cm	—	—
< 5 cm	—	n/a
Length of logs (m) (≥10 cm diameter, >50 cm in length)	—	

Counts apply when the number of tree stems within a size class is ≤ 10. Estimates can be used when > 10 (eg. 10, 20, 30, 100, 200, 300). For a multi-stemmed tree, only the largest living stem is included in the count/estimate. Tree stems must be living.

For hollows, count only the presence of a stem containing hollows. For a multi-stemmed tree, only the largest stem is included in the count/estimate. Stems may be dead and may be shrubs.

BAM Attribute (1 x 1 m plots)	Litter cover (%)					Bare ground cover (%)					Cryptogam cover (%)					Rock cover (%)				
Subplot score (% in each)	0.5	0.1	1	1	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average of the 5 subplots	0.54					0					0					0				

Litter cover is assessed as the average percentage ground cover of litter recorded from five 1 m x 1 m plots centred at 5, 15, 25, 35, 45 m along the plot midline. Litter cover includes leaves, seeds, twigs, branchlets and branches (less than 10 cm in diameter). Assessors may also record the cover of rock, bare ground and cryptogams.

Physiography + site features that may help in determining PCT and Management Zone (optional)

Morphological Type		Landform Element	Feather/dip	Landform Pattern	Foot hills	Microrelief	
Lithology		Soil Surface Texture	clay loam	Soil Colour	BrOwne	Soil Depth	
Slope		Aspect	N	Site Drainage	in situ	Distance to nearest water and type	25m Creek / gully

Plot Disturbance	Severity code	Age code	Observational evidence:
Clearing (inc. logging)	3	0	3u' rounding remnant woodlot.
Cultivation (inc. pasture)	0		
Soil erosion	0		
Firewood / CWD removal	0		
Grazing (identify native/stock)	1	R	deery
Fire damage	0		
Storm damage	0		
Weediness	1	R	refer to plot #41 data.
Other			

Severity: 0=no evidence, 1=light, 2=moderate, 3=severe

Age: R=recent (<3yrs), NR=not recent (3-10yrs), O=old (>10yrs)

BAM Site – Field Survey Form Site Sheet no: 1 of 2

Date		21.01.19	Survey Name	Flyers Ck	Zone ID	Exotic	Recorders				
Zone		SS	Datum	H	Plot ID	42	Plot dimensions	20x50	Photo #		
Easting		694633	Northing		6287092	IBRA region	SEH	Midline bearing from 0 m	149°		
Vegetation Class								Confidence:		H M L	
Plant Community Type								Exotic		EEC:	H M L

Record easting and northing at 0 m on midline. Dimensions (Shape) of 0.04 ha base plot.

BAM Attribute (400 m ² plot)	Sum values
Count of Native Richness	
Trees	0
Shrubs	0
Grasses etc.	6
Forbs	2
Ferns	0
Other	0
Sum of Cover of native vascular plants by growth form group	
Trees	0
Shrubs	0
Grasses etc.	2.5
Forbs	0.2
Ferns	0
Other	0
High Threat Weed cover	5.6

BAM Attribute (1000 m ² plot)		
DBH	# Tree Stems Count	# Stems with Hollows
80 + cm	—	—
50 – 79 cm	—	—
30 – 49 cm	—	—
20 – 29 cm	—	—
10 – 19 cm	—	—
5 – 9 cm	—	—
< 5 cm	—	n/a
Length of logs (m) (≥10 cm diameter, >50 cm in length)	Present	0

Counts apply when the number of tree stems within a size class is ≤ 10. Estimates can be used when > 10 (eg. 10, 20, 30, 100, 200, 300...). For a multi-stemmed tree, only the largest living stem is included in the count/estimate. Tree stems must be living.

For hollows, count only the presence of a stem containing hollows. For a multi-stemmed tree, only the largest stem is included in the count/estimate. Stems may be dead and may be shrubs.

BAM Attribute (1 x 1 m plots)	Litter cover (%)	Bare ground cover (%)	Cryptogam cover (%)	Rock cover (%)
Subplot score (% in each)	0, 10, 15, 1, 0, 2	25, 30, 30, 20, 20	0, 0, 0, 0, 0	0, 0, 0, 10, 0
Average of the 5 subplots	1.6	25	0	0

Litter cover is assessed as the average percentage ground cover of litter recorded from five 1 m x 1 m plots centred at 5, 15, 25, 35, 45 m along the plot midline. Litter cover includes leaves, seeds, twigs, branchlets and branches (less than 10 cm in diameter). Assessors may also record the cover of rock, bare ground and cryptogams.

Physiography + site features that may help in determining PCT and Management Zone (optional)

Morphological Type	Landform Element	hill top	Landform Pattern	Footpaths	Microrelief	
Lithology	Soil Surface Texture	loam	Soil Colour	Red	Soil Depth	
Slope	Aspect	SE	Site Drainage	SW	Distance to nearest water and type	500m dam

Plot Disturbance	Severity code	Age code	Observational evidence:
Clearing (inc. logging)	3	O	Remaining paddock trees in the landscape
Cultivation (inc. pasture)	0		
Soil erosion	1	NR	in areas without guardrails
Firewood / CWD removal	0		
Grazing (identifi native/stock)	3	R	Livestock sign, dung, condition of a/c
Fire damage	0		
Storm damage	0		
Weediness	3	R	Refer to plot 42 data.
Other			

Severity: 0=no evidence, 1=light, 2=moderate, 3=severe

Age: R=recent (<3yrs), NR=not recent (3-10yrs), O=old (>10yrs)

BAM Site – Field Survey Form Site Sheet no: 101

		Survey Name	Zone ID	Recorders					
Date	21.01.19	Eliza Cr.	DG-Low	N SMITH L HAMILTON					
Zone	55	Datum		Plot ID	43	Plot dimensions	20x50	Photo #	
Easting	694255	Northing	6282748	IBRA region	SEH	Midline bearing from 0 m	62°	<i>Veranda</i>	
Vegetation Class							Confidence:		H M L
Plant Community Type							DG-Low	EEC:	H M L

Record easting and northing at 0 m on midline. Dimensions (Shape) of 0.04 ha base plot

BAM Attribute (400 m ² plot)		Sum values
Count of Native Richness	Trees	0
	Shrubs	0
	Grasses etc.	5
	Forbs	1
	Ferns	0
	Other	0
Sum of Cover of native vascular plants by growth form group	Trees	0
	Shrubs	0
	Grasses etc.	40.2
	Forbs	0.1
	Ferns	0
Other	0	
High Threat Weed cover		.1

BAM Attribute (1000 m ² plot)		
DBH	# Tree Stems Count	# Stems with Hollows
80 + cm	—	—
50 – 79 cm	—	—
30 – 49 cm	—	—
20 – 29 cm	—	—
10 – 19 cm	—	—
5 – 9 cm	—	—
< 5 cm	—	n/a
Length of logs (m) (≥10 cm diameter, >50 cm in length)	0.7, 1.0, 0.75 (2.45 m)	

Counts apply when the number of tree stems within a size class is ≤ 10. Estimates can be used when > 10 (eg. 10, 20, 30, 100, 200, 300). For a multi-stemmed tree, only the largest living stem is included in the count/estimate. Tree stems must be living.

For hollows, count only the presence of a stem containing hollows. For a multi-stemmed tree, only the largest stem is included in the count/estimate. Stems may be dead and may be shrubs.

BAM Attribute (1 x 1 m plots)	Litter cover (%)					Bare ground cover (%)					Cryptogam cover (%)					Rock cover (%)					
Subplot score (% in each)	0	1	0	1	0	0	40	40	20	60	10	0	0	0	0	0	0	0	0	5	0
Average of the 5 subplots	0.06					34					0					1					

Litter cover is assessed as the average percentage ground cover of litter recorded from five 1 m x 1 m plots centred at 5, 15, 25, 35, 45 m along the plot midline. Litter cover includes leaves, seeds, twigs, branchlets and branches (less than 10 cm in diameter). Assessors may also record the cover of rock, bare ground and cryptogams.

Physiography + site features that may help in determining PCT and Management Zone (optional)

Morphological Type	Landform Element	hill side	Landform Pattern	Footpaths	Microrelief	
Lithology	Soil Surface Texture	loam	Soil Colour	Brown	Soil Depth	
Slope	Aspect	NE	Site Drainage	NE	Distance to nearest water and type	20m Creek

Plot Disturbance	Severity code	Age code	Observational evidence:
Clearing (inc. logging)	3	0	remnant woodland.
Cultivation (inc. pasture)	0		
Soil erosion	1	NR	where ground cover doesn't exist
Firewood / CWD removal	0		
Grazing (identify native/stock)	3	R	dung, condition of grass
Fire damage	0		
Storm damage	0		
Weediness	1	R	not many - refer to plot date.
Other			

Severity: 0=no evidence, 1=light, 2=moderate, 3=severe

Age: R=recent (<3yrs), NR=not recent (3-10yrs), O=old (>10yrs)

BAM Site – Field Survey Form Site Sheet no: 1 of 2

Date: 22.01.19		Survey Name: Pylers Cr.	Zone ID: 277 planted	Recorders: N SMITH L HAMILTON	
Zone: 55	Datum: #	Plot ID: 44	Plot dimensions: 100x10	Photo #:	
Easting: 689798	Northing: 6289203	IBRA region: SEH	Midline bearing from 0 m: 162°		
Vegetation Class:			Confidence: H M L		
Plant Community Type: 277 - planted			EEC:	Confidence: H M L	

Record easting and northing at 0 m on midline. Dimensions (Shape) of 0.04 ha base plot

BAM Attribute (400 m ² plot)	Sum values
Count of Native Richness	
Trees	6
Shrubs	0
Grasses etc.	6
Forbs	0
Ferns	0
Other	1
Sum of Cover of native vascular plants by growth form group	
Trees	26
Shrubs	0
Grasses etc.	26.5
Forbs	0
Ferns	0
Other	1
High Threat Weed cover	0

BAM Attribute (1000 m ² plot)		
DBH	# Tree Stems Count	# Stems with Hollows
80 + cm		
50 – 79 cm		
30 – 49 cm	(2)	
20 – 29 cm	(8)	
10 – 19 cm	(8)	
5 – 9 cm	(13)	
< 5 cm	(3)	n/a
Length of logs (m) (≥10 cm diameter, >50 cm in length)	1.5, 0.7, 1.0, 1.5, ... = 4.7m	

Counts apply when the number of tree stems within a size class is ≤ 10. Estimates can be used when > 10 (eg. 10, 20, 30, 100, 200, 300 ...). For a multi-stemmed tree, only the largest living stem is included in the count/estimate. Tree stems must be living.

For hollows, count only the presence of a stem containing hollows. For a multi-stemmed tree, only the largest stem is included in the count/estimate. Stems may be dead and may be shrubs.

BAM Attribute (1 x 1 m plots)	Litter cover (%)					Bare ground cover (%)					Cryptogam cover (%)					Rock cover (%)				
Subplot score (% in each)	5	70	5	70	10	40	20	50	5	40	0	0	0	0	0	0	0	15	0	0
Average of the 5 subplots	32					31					0					3				

Litter cover is assessed as the average percentage ground cover of litter recorded from five 1 m x 1 m plots centred at 5, 15, 25, 35, 45 m along the plot midline. Litter cover includes leaves, seeds, twigs, branchlets and branches (less than 10 cm in diameter). Assessors may also record the cover of rock, bare ground and cryptogams.

Physiography + site features that may help in determining PCT and Management Zone (optional)

Morphological Type	Landform Element	hill side	Landform Pattern	Foot hills	Microrelief	
Lithology	Soil Surface Texture	clay	Soil Colour	Red	Soil Depth	
Slope	Aspect	S	Site Drainage	N	Distance to nearest water and type	500 m dam

Plot Disturbance	Severity code	Age code	Observational evidence:
Clearing (inc. logging)	3	0	Reared and dead trees
Cultivation (inc. pasture)	0		
Soil erosion	3	R	No groundcover, topsoil erosion
Firewood / CWD removal	0		
Grazing (identify native/stock)	3	R	Condition of groundcover, livestock sighted, dung
Fire damage	0		
Storm damage	0		
Weediness	1	R	Most weeds grazed.
Other			

Severity: 0=no evidence, 1=light, 2=moderate, 3=severe

Age: R=recent (<3yrs), NR=not recent (3-10yrs), O=old (>10yrs)

BAM Site – Field Survey Form Site Sheet no: 2

		Survey Name	Zone ID	Recorders						
Date	23 01 19	Flinders	DG-low	N SMITH L HAMILTON						
Zone	55	Datum	H	Plot ID	45	Plot dimensions	20x50	Photo #		
Easting	692403	Northing	6289630	IBRA region	SEH	Midline bearing from 0 m	311°			
Vegetation Class							Confidence:		H M L	
Plant Community Type							Derived Grassland-low cover		EEC:	H M L

Record easting and northing at 0 m on midline. Dimensions (Shape) of 0.04 ha base plot

BAM Attribute (400 m ² plot)	Sum values
Count of Native Richness	
Trees	0
Shrubs	0
Grasses etc.	9
Forbs	0
Ferns	0
Other	0
Sum of Cover of native vascular plants by growth form group	
Trees	0
Shrubs	0
Grasses etc.	3.6
Forbs	0
Ferns	0
Other	0
High Threat Weed cover	0.1

BAM Attribute (1000 m ² plot)		
DBH	# Tree Stems Count	# Stems with Hollows
80 + cm		
50 – 79 cm		
30 – 49 cm		
20 – 29 cm		
10 – 19 cm		
5 – 9 cm		
< 5 cm		n/a
Length of logs (m) (≥10 cm diameter, >50 cm in length)		

Counts apply when the number of tree stems within a size class is ≤ 10. Estimates can be used when > 10 (eg. 10, 20, 30, 100, 200, 300). For a multi-stemmed tree, only the largest living stem is included in the count/estimate. Tree stems must be living.

For hollows, count only the presence of a stem containing hollows. For a multi-stemmed tree, only the largest stem is included in the count/estimate. Stems may be dead and may be shrubs.

BAM Attribute (1 x 1 m plots)	Litter cover (%)				Bare ground cover (%)				Cryptogam cover (%)				Rock cover (%)								
Subplot score (% in each)	0	10	1	20	1	20	60	40	40	60	20	0	0	0	0	0	0	5	10	5	20
Average of the 5 subplots	4.4				44				0				8								

Litter cover is assessed as the average percentage ground cover of litter recorded from five 1 m x 1 m plots centred at 5, 15, 25, 35, 45 m along the plot midline. Litter cover includes leaves, seeds, twigs, branchlets and branches (less than 10 cm in diameter). Assessors may also record the cover of rock, bare ground and cryptogams.

Physiography + site features that may help in determining PCT and Management Zone (optional)

Morphological Type		Landform Element	hill top	Landform Pattern	Foot hills	Microrelief	
Lithology		Soil Surface Texture	loam	Soil Colour	Red-brown	Soil Depth	
Slope		Aspect	NW	Site Drainage	NW	Distance to nearest water and type	350 m dam

Plot Disturbance	Severity code	Age code	Observational evidence:
Clearing (inc. logging)	3	0	surrounding paddock trees + patches
Cultivation (inc. pasture)	0		
Soil erosion	2	R	soil erosion due to lack of groundcover
Firewood / CWD removal	0		
Grazing (identify native/stock)	3	R	livestock signs, dung, collection of ground
Fire damage	0		
Storm damage	0		
Weediness	1	R	dead warty grass
Other			

Severity: 0=no evidence, 1=light, 2=moderate, 3=severe

Age: R=recent (<3yrs), NR=not recent (3-10yrs), O=old (>10yrs)

BAM Site – Field Survey Form Site Sheet no: 2

Date		23 01 19	Survey Name	Figulus Ck	Zone ID	277 Exotic	Recorders		N SMITH L HAMILTON
Zone	Datum	SS	H	Plot ID	46	Plot dimensions	20x50	Photo #	
Easting	Northing	692497	6290069	IBRA region	SEH	Midline bearing from 0 m	270°		
Vegetation Class								Confidence: H M L	
Plant Community Type								Confidence: H M L	
277- Exotic understorey								EEC:	

Record easting and northing at 0 m on midline. Dimensions (Shape) of 0.04 ha base plot.

BAM Attribute (400 m ² plot)	Sum values
Trees	1
Shrubs	0
Grasses etc.	1
Forbs	0
Ferns	0
Other	0
Count of Native Richness	
Trees	30
Shrubs	0
Grasses etc.	1
Forbs	0
Ferns	0
Other	0
Sum of Cover of native vascular plants by growth form group	
Trees	30
Shrubs	0
Grasses etc.	1
Forbs	0
Ferns	0
Other	0
High Threat Weed cover	0

BAM Attribute (1000 m ² plot)		
DBH	# Tree Stems Count	# Stems with Hollows
80 + cm	11	② ①
50 – 79 cm	11 11	⑦
30 – 49 cm	111	④ ①
20 – 29 cm		
10 – 19 cm		
5 – 9 cm		
< 5 cm		n/a
Length of logs (m) (≥10 cm diameter, >50 cm in length)	49 m	

Counts apply when the number of tree stems within a size class is ≤ 10. Estimates can be used when > 10 (eg. 10, 20, 30, ... 100, 200, 300...). For a multi-stemmed tree, only the largest living stem is included in the count/estimate. Tree stems must be living.

For hollows, count only the presence of a stem containing hollows. For a multi-stemmed tree, only the largest stem is included in the count/estimate. Stems may be dead and may be shrubs.

BAM Attribute (1 x 1 m plots)	Litter cover (%)	Bare ground cover (%)	Cryptogam cover (%)	Rock cover (%)
Subplot score (% in each)	60 90 65 100 70	0 10 5 0 25	0 0 0 0 0	0 0 0 0 0
Average of the 5 subplots	77	8		

Litter cover is assessed as the average percentage ground cover of litter recorded from five 1 m x 1 m plots centred at 5, 15, 25, 35, 45 m along the plot midline. Litter cover includes leaves, seeds, twigs, branchlets and branches (less than 10 cm in diameter). Assessors may also record the cover of rock, bare ground and cryptogams.

Physiography + site features that may help in determining PCT and Management Zone (optional)

Morphological Type	Landform Element	hill top	Landform Pattern	Foothills	Microrelief	
Lithology	Soil Surface Texture	loam	Soil Colour	Brown	Soil Depth	
Slope	Aspect	W	Site Drainage	SW	Distance to nearest water and type	200m dam

Plot Disturbance	Severity code	Age code	Observational evidence:
Clearing (inc. logging)	3	O	On the edge of a remnant patch.
Cultivation (inc. pasture)	3		
Soil erosion	2	R	Fast water erosion, litter down, areas of no life
Firewood / CWD removal	0		
Grazing (identify native/stock)	3	R	Livestock sign, dung, droppings
Fire damage	0		
Storm damage	0		
Weediness	3	R	Old annual weeds dead.
Other			

Severity: 0=no evidence, 1=light, 2=moderate, 3=severe

Age: R=recent (<3yrs), NR=not recent (3-10yrs), O=old (>10yrs)

BAM Site – Field Survey Form Site Sheet no: 2

		Survey Name	Zone ID	Recorders		
Date	<u>24 01 19</u>	<u>Plyers Cr</u>	<u>277-nature</u>	<u>N SMITH L HAMILTON</u>		
Zone	<u>55</u>	Datum	<u>H</u>	Plot ID	<u>47</u>	Plot dimensions
Easting	<u>690803</u>	Northing	<u>6286093</u>	IBRA region	<u>SEH</u>	Midline bearing from 0 m
					<u>100x90</u>	Photo #
					<u>117°</u>	
Vegetation Class					Confidence:	
					H M L	
Plant Community Type					EEC:	
<u>277-nature transmission</u>					H M L	

Record easting and northing at 0 m on midline. Dimensions (Shape) of 0.04 ha base plot.

BAM Attribute (400 m ² plot)	Sum values
Count of Native Richness	
Trees	<u>1</u>
Shrubs	<u>0</u>
Grasses etc.	<u>3</u>
Forbs	<u>4</u>
Ferns	<u>0</u>
Other	<u>0</u>
Sum of Cover of native vascular plants by growth form group	
Trees	<u>1</u>
Shrubs	<u>0</u>
Grasses etc.	<u>1.3</u>
Forbs	<u>4.5</u>
Ferns	<u>0</u>
Other	<u>0</u>
High Threat Weed cover	<u>40.2</u>

BAM Attribute (1000 m ² plot)		
DBH	# Tree Stems Count	# Stems with Hollows
80 + cm	<u>1</u>	<u>0</u>
50 – 79 cm	<u>5</u>	<u>—</u>
30 – 49 cm	<u>1</u>	<u>0</u>
20 – 29 cm	<u>—</u>	<u>—</u>
10 – 19 cm	<u>—</u>	<u>—</u>
5 – 9 cm	<u>11</u>	<u>2</u>
< 5 cm	<u>—</u>	n/a
Length of logs (m) (≥10 cm diameter, >50 cm in length)	<u>0.8, 1.5, 2.0, 0.8, 1.0, 1.0 = 5.3m</u>	

Counts apply when the number of tree stems within a size class is ≤ 10. Estimates can be used when > 10 (eg. 10, 20, 30, 100, 200, 300). For a multi-stemmed tree, only the largest living stem is included in the count/estimate. Tree stems must be living.

For hollows, count only the presence of a stem containing hollows. For a multi-stemmed tree, only the largest stem is included in the count/estimate. Stems may be dead and may be shrubs.

BAM Attribute (1 x 1 m plots)	Litter cover (%)				Bare ground cover (%)				Cryptogam cover (%)				Rock cover (%)					
Subplot score (% in each)	<u>80</u>	<u>50</u>	<u>45</u>	<u>10</u>	<u>20</u>	<u>0</u>	<u>0</u>	<u>5</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Average of the 5 subplots	<u>41</u>				<u>1</u>				<u>0</u>				<u>—</u>					

Litter cover is assessed as the average percentage ground cover of litter recorded from five 1 m x 1 m plots centred at 5, 15, 25, 35, 45 m along the plot midline. Litter cover includes leaves, seeds, twigs, branchlets and branches (less than 10 cm in diameter). Assessors may also record the cover of rock, bare ground and cryptogams.

Physiography + site features that may help in determining PCT and Management Zone (optional)

Morphological Type	Landform Element	<u>hill side</u>	Landform Pattern	<u>Foothills</u>	Microrelief	
Lithology	Soil Surface Texture	<u>clay loam</u>	Soil Colour	<u>Red</u>	Soil Depth	
Slope	Aspect	<u>SE</u>	Site Drainage	<u>E</u>	Distance to nearest water and type	<u>20 m drainage channel</u>

Plot Disturbance	Severity code	Age code	Observational evidence:
Clearing (inc. logging)	<u>2</u>	<u>0</u>	<u>cleared for road</u>
Cultivation (inc. pasture)	<u>0</u>		
Soil erosion	<u>0</u>		
Firewood / CWD removal	<u>0</u>		
Grazing (identify native/stock)	<u>0</u>		
Fire damage	<u>0</u>		
Storm damage	<u>0</u>		
Weediness	<u>2</u>	<u>R</u>	<u>Refer to plot 47 data</u>
Other			

Severity: 0=no evidence, 1=light, 2=moderate, 3=severe

Age: R=recent (<3yrs), NR=not recent (3-10yrs), O=old (>10yrs)

1330
~~native/exotic~~

277 - native - Transmissville

~~Exotic~~

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400 m ² plot: Sheet _ of _	Survey Name	Plot Identifier	Recorders
Date 73 01 19	Florus Ck	AF	L Hamilton N Smith

GF Code	Top 3 native species in each growth form group: Full species name mandatory All other native and exotic species: Full species name where practicable	N, E or HTE	Cover	Abund	stratum	voucher
	<i>Paspalum dilatatum</i>	HTE	40	200		
	Cocksfoot <i>Doctylis glomerata</i>	E	1	20		
	Narrow leaf clover - dead	E	.1	30		
F	<i>Oxalis pennanans</i>	N	.2	30		
	<i>Lolium</i> sp - dead lodging	F	20	2000		
	<i>Avena fatua</i>	E	.51	70		
	<i>Phalaris</i> sp.	E	25	200		
	<i>Plantago lanceolata</i>	E	.1	5		
	<i>Polygonum aviculare</i> ^{wire weed}	E	.1	8		
	<i>Trichopogon</i> - onion weed	F	.3	30		
G	<i>Austrostipa</i> sp	N	1	40		ID
T	<i>Eucalyptus melliodora</i>	N	8	5		
G	<i>Lomandra</i>	N	.2	6		ID
	spear thistle <i>Cirsium vulgare</i>	E	.1	3		
	Red flowered mallow <i>Medicago</i>	E	.1	1		
F	<i>Rumex brownii</i>	N	.1	2		
F	<i>Finrodia nutans</i>	N	4	6		
F	Bridge widgee <i>Acaena echinata</i>	N	.1	20		
	St Johns wort <i>Hypericum perforatum</i>	HTE	.1	20		
	<i>Bromus hordeaceus</i>	F	.1	2		
	<i>Vulpia</i> sp	E	.1	10		
	sweet briar <i>Rosa rubiginosa</i>	HTE	.1	1		
	<i>Lactuca scariola</i>	E	.1	10		
G	<i>Microberna stipoides</i>	N	.1	6		
	<i>Pathericus villosus</i>	F	.1	10		
	Saw thistle <i>Sonchus</i>	E	.1	1		

GF Code: see Growth Form definitions in Appendix 1 N: native, E: exotic, HTE: high threat exotic GF - circle code if 'top 3'.
 Cover: 0.1, 0.2, 0.3, ..., 1, 2, 3, ..., 10, 15, 20, 25, ...100% (foliage cover); Note: 0.1% cover represents an area of approximately 63 x 63 cm or a circle about 71 cm across, 0.5% cover represents an area of approximately 1.4 x 1.4 m, and 1% = 2.0 x 2.0 m, 5% = 4 x 5 m, 25% = 10 x 10 m
 Abundance: 1, 2, 3, ..., 10, 20, 30, ... 100, 200, ..., 1000, ...

BAM Site – Field Survey Form				Site Sheet no: <u>2</u>	
Date: <u>24 01 19</u>		Survey Name: <u>Pipers Cle</u>	Zone ID: <u>2477 native planted</u>	Recorders: <u>N SMITH L HAMILTON</u>	
Zone: <u>55</u>	Datum: <u>H</u>	Plot ID: <u>48</u>	Plot dimensions: <u>50x20</u>	Photo #:	
Easting: <u>691229</u>	Northing: <u>6285718</u>	IBRA region: <u>SEH</u>	Midline bearing from 0 m: <u>147°</u>		
Vegetation Class:				Confidence: H M L	
Plant Community Type: <u>2477 native planted</u>				EEC: Confidence: H M L	

Record easting and northing at 0 m on midline. Dimensions (Shape) of 0.04 ha base plot.

BAM Attribute (400 m ² plot)	Sum values
Count of Native Richness	
Trees	1
Shrubs	0
Grasses etc.	2
Forbs	4
Ferns	0
Other	1
Sum of Cover of native vascular plants by growth form group	
Trees	1
Shrubs	0
Grasses etc.	1.1
Forbs	1.2
Ferns	0
Other	0.1
High Threat Weed cover	0.2

BAM Attribute (1000 m ² plot)		
DBH	# Tree Stems Count	# Stems with Hollows
80 + cm	-	-
50 – 79 cm	-	-
30 – 49 cm	-	-
20 – 29 cm	-	-
10 – 19 cm	-	-
5 – 9 cm	-	-
< 5 cm	(11)	n/a
Length of logs (m) (≥10 cm diameter, >50 cm in length)	0	

Counts apply when the number of tree stems within a size class is ≤ 10. Estimates can be used when > 10 (eg. 10, 20, 30, 100, 200, 300). For a multi-stemmed tree, only the largest living stem is included in the count/estimate. Tree stems must be living.

For hollows, count only the presence of a stem containing hollows. For a multi-stemmed tree, only the largest stem is included in the count/estimate. Stems may be dead and may be shrubs.

BAM Attribute (1 x 1 m plots)	Litter cover (%)	Bare ground cover (%)	Cryptogam cover (%)	Rock cover (%)
Subplot score (% in each)	10 2 2 1 2	30 0 10 5 0	0 0 0 0 0	10 5 6 1 1
Average of the 5 subplots	3.4	9	0	

Litter cover is assessed as the average percentage ground cover of litter recorded from five 1 m x 1 m plots centred at 5, 15, 25, 35, 45 m along the plot midline. Litter cover includes leaves, seeds, twigs, branchlets and branches (less than 10 cm in diameter). Assessors may also record the cover of rock, bare ground and cryptogams.

Physiography + site features that may help in determining PCT and Management Zone (optional)

Morphological Type	Landform Element	<u>hill top</u>	Landform Pattern	<u>Foothills</u>	Microrelief	
Lithology	Soil Surface Texture	<u>clay loam</u>	Soil Colour	<u>Red.</u>	Soil Depth	
Slope	Aspect	<u>SE</u>	Site Drainage	<u>E</u>	Distance to nearest water and type	<u>750m creek</u>

Plot Disturbance	Severity code	Age code	Observational evidence:
Clearing (inc. logging)	3	0	<u>cleared for road upgrade</u>
Cultivation (inc. pasture)	0		
Soil erosion	0		
Firewood / CWD removal	0		
Grazing (identify native/stock)	0		
Fire damage	0		
Storm damage	0		
Weediness	2	R	<u>refer to plot 48 data</u>
Other			

Severity: 0=no evidence, 1=light, 2=moderate, 3=severe

Age: R=recent (<3yrs), NR=not recent (3-10yrs), O=old (>10yrs)

277. planted road reveg

Exotic - Planting
Euc regrowth
from clearing

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400 m ² plot: Sheet _ of _	Survey Name	Plot Identifier	Recorders
Date 24 01 19	Flyers	48	L Hamilton N Smith

GF Code	Top 3 native species in each growth form group: Full species name mandatory All other native and exotic species: Full species name where practicable	N, E or HTE	Cover	Abund	stratum	voucher
	Phalaris sp	E	30			
	Lactuca serriola	E	3			
	Plantago lanceolata	E	.5			
	Red fruited mallon. Medicago	E	.2			
	Skeleton weed Chondalla juncea	E	.1	5		
	Saffron thistle Calthamus linatus	HTE	.1			
	Lolium sp dead	E	50			
E	Caustic wood Euphorbia drummondii	N	.5			
F	Bidgee widgee? Acaena echinata	N	.5	15		
	Hypochaeris radicata	F	1			
	Sea mistle Sarcobus	E	1			
G	windmill grass Chloris lunata?	N	1			
	Geranium molle	T	.1	3		
	Hordeum sp dead	E	.1	2		
	Polygonum aviculare	E	5			
F	Oxalis pennans	N	.1	20		
G	Rhynchospora sp	N	.1	2		
	Goose grass Eleusine trislachy	E	.1	10		
	wild sage Salvia verbenata	E	.1	2		
	Vulpia sp	E	.1	3		
T	Eucalyptus mellicolera sapling	N	1	3		
	Bromus hordeaceus - dead	E	5%	100		
	St Johns wort Hypericum perforat	HTE	.1	10		
O	Convolvus sp	N	.1	.1		
	Spear thistle	F	.1	8		
	Pattersons curse Echium	F	.1	5		
	Rumex crispus	E	.1			
	Vulpia sp - dead	E	5			
F	Epilobium sp willow herb	N	.1	1		
	billardiereganum					

GF Code: see Growth Form definitions in Appendix 1 N: native, E: exotic, HTE: high threat exotic GF - circle code if 'top 3'.
 Cover: 0.1, 0.2, 0.3, ..., 1, 2, 3, ..., 10, 15, 20, 25, ...100% (foliage cover); Note: 0.1% cover represents an area of approximately 63 x 63 cm or a circle about 71 cm across, 0.5% cover represents an area of approximately 1.4 x 1.4 m, and 1% = 2.0 x 2.0 m, 5% = 4 x 5 m, 25% = 10 x 10 m
 Abundance: 1, 2, 3, ..., 10, 20, 30, ... 100, 200, ..., 1000, ...

BAM Site – Field Survey Form Site Sheet no: 101

		Survey Name	Zone ID	Recorders						
Date	24/1/19	Flyers	Exotic	N. Smith L. Hamilton						
Zone	55	Datum	#	Plot ID	49	Plot dimensions	20x50	Photo #		
Easting	692216	Northing	6283988	IBRA region	SWS	Midline bearing from 0 m	170			
Vegetation Class							Confidence: H M L			
Plant Community Type							Exotic		EEC:	H M L

Record easting and northing at 0 m on midline. Dimensions (Shape) of 0.04 ha base plot.

BAM Attribute (400 m ² plot)	Sum values	
Trees	0	
Shrubs	0	
Count of Native Richness	Grasses etc.	2
	Forbs	1
	Ferns	0
	Other	0
	Sum of Cover of native vascular plants by growth form group	Trees
Shrubs		0
Grasses etc.		0.4
Forbs		1
Ferns		0
Other	0	
High Threat Weed cover	6.1	

BAM Attribute (1000 m ² plot)		
DBH	# Tree Stems Count	# Stems with Hollows
80 + cm	-	-
50 – 79 cm	-	-
30 – 49 cm	-	-
20 – 29 cm	-	-
10 – 19 cm	-	-
5 – 9 cm	-	-
< 5 cm	-	n/a
Length of logs (m) (≥10 cm diameter, >50 cm in length)		

Counts apply when the number of tree stems within a size class is ≤ 10. Estimates can be used when > 10 (eg. 10, 20, 30, 100, 200, 300). For a multi-stemmed tree, only the largest living stem is included in the count/estimate. Tree stems must be living.

For hollows, count only the presence of a stem containing hollows. For a multi-stemmed tree, only the largest stem is included in the count/estimate. Stems may be dead and may be shrubs.

BAM Attribute (1 x 1 m plots)	Litter cover (%)	Bare ground cover (%)	Cryptogam cover (%)	Rock cover (%)
Subplot score (% in each)	0 5 7 5 2	0 2 0 0 3 5	0 0 0 0 0	0 0 0 0 6
Average of the 5 subplots	2.8	7.4		

Litter cover is assessed as the average percentage ground cover of litter recorded from five 1 m x 1 m plots centred at 5, 15, 25, 35, 45 m along the plot midline. Litter cover includes leaves, seeds, twigs, branchlets and branches (less than 10 cm in diameter). Assessors may also record the cover of rock, bare ground and cryptogams.

Physiography + site features that may help in determining PCT and Management Zone (optional)

Morphological Type	Landform Element	Landform Pattern	Microrelief
Lithology	Soil Surface Texture	Soil Colour	Soil Depth
Slope	Aspect	Site Drainage	Distance to nearest water and type

Plot Disturbance	Severity code	Age code	Observational evidence:
Clearing (inc. logging)			
Cultivation (inc. pasture)			
Soil erosion			
Firewood / CWD removal			
Grazing (identify native/stock)			
Fire damage			
Storm damage			
Weediness			
Other			

Severity: 0=no evidence, 1=light, 2=moderate, 3=severe

Age: R=recent (<3yrs), NR=not recent (3-10yrs), O=old (>10yrs)

BAM Site Field Survey							
Project:	Flyers Creek	Plot Identifier	3a	Pic 20x20		Pic 20x50	
Survey date:	20.07.2020	Compass Orientation (head of 20x20 plot)					
Recorders	L Hamilton; M Palmer	PCT:		1330_poor			
GPS Easting		GPS Northing		Datum	H	Zone	55
Landform			Soils		Drainage & Slope		
Morphology		Soil Texture		Slope		Aspect	
LandF Element		Soil Colour		Drainage		Watercourses	
LandF Pattern		Soil Depth					
Microrelief		Geology					
Plot Disturbance							
	Severity	Age	Observational Evidence				
Clearing							
Cultivation							
Soil erosion							
Firewood							
Grazing							
Fire Damage							
Storm Damage							
Weediness							
Other							
Severity: 0 = no evidence, 1=light, 2=moderate, 3=severe Age: R=recent (<3yrs), NR=not recent (3-10yrs), O=old (>10yrs)							
Additional information							
Current land use							
Age class of trees (DBH range) , Condition of Vegetation, Hollows							
Disturbances (i.e. fire, grazing,ferals, clearing, logging, soil degradation, pollution, weeds, dieback)							
Significant and threatened species and communities (Note pop. size/area, structure, repro status, habit, habitat, threats, photos)							
Dominant Species outside Plot							

FUNCTION

Function attributes for 3a			BAM Attributes (1 x 1m Plots)				
BAM Attribute (20x20m plot)			Litter Cover	Tape length	% cover	Average %	Photos
Count of Native Richness	Stratum	Sum		5m	15%	3.8%	
	Tree (TG)	1		15m	1%		
	Shrub (SG)	0		25m	1%		
	Forb (FG)	6		35m	2%		
	Grass & grasslike (GG)	10		45m	1%		
	Fern (EG)	0		5m	0%		
	Other (OG)	0		15m	0%		
TOTAL	17	25m		0%			
BAM Attribute (20x20m plot)				Bare ground cover	5m	0%	0.0%
Count of cover abundance (native vascular plants)	Stratum	Sum	15m		0%		
	Tree (TG)	20	25m		0%		
	Shrub (SG)	0	35m		0%		
	Forb (FG)	0.6	45m	0%			
	Grass & grasslike (GG)	6.3	5m	0%			
	Fern (EG)	0	15m	0%			
	Other (OG)	0	25m	0%			
TOTAL Native	26.9	35m	0%				
TOTAL 'HTE'	10	45m	0%				
BAM Attribute (20 x 50m plot) Tree Stem Counts			Cryptogam cover	5m	0%	0.0%	
DBH (cm)	Euc	Non Euc		Hollows			
>80	4	0		0			
50-79	1	0		0			
30-49	1	0		0			
20-29	1	0		0			
10-19	0	0		0			
5-9	0	0	0				
<5	1	0	N/A				
Length of logs (m)	18		Rock Cover				
			5m	0%	0.0%		
			15m	0%			
			25m	0%			
			35m	0%			
			45m	0%			

COMPOSITION & STRUCTURE

Species recorded for 3a									
Abbreviation	Scientific Name	Common Name	Family	% Cover	Abundance	Exotic	Growth Form	High Threat?	EPBC Status
euca goni	<i>Eucalyptus goniocalyx</i>	Bundy	Myrtaceae	20			Tree (TG)	No	
aven barb	<i>Avena barbata</i>	Bearded Oats	Poaceae	40		*		No	
loli pere	<i>Lolium perenne</i>	Perennial Ryegrass	Poaceae	5		*		No	
rume brow	<i>Rumex brownii</i>	Swamp Dock	Polygonaceae	0.1	11		Forb (FG)	No	
pasp dila	<i>Paspalum dilatatum</i>	Paspalum	Poaceae	10		*		HTE	
trif	<i>Trifolium spp.</i>	A Clover	Fabaceae (Faboidae)	10		*		No	
dact glom	<i>Dactylis glomerata</i>	Cocksfoot	Poaceae	10		*		No	
phal aqua	<i>Phalaris aquatica</i>	Phalaris	Poaceae	3		*		No	
echi plan	<i>Echium plantagineum</i>	Patterson's Curse	Boraginaceae	0.1	3	*		No	
vici sati	<i>Vicia sativa</i>	Common vetch	Fabaceae (Faboidae)	0.2	20	*		No	
oxal pere	<i>Oxalis perennans</i>		Oxalidaceae	0.1	100		Forb (FG)	No	
gera moll moll	<i>Geranium molle subsp. n</i>	Cranesbill Geranium	Geraniaceae	0.1	12	*		No	
hypo glab	<i>Hypochaeris glabra</i>	Smooth Catsear	Asteraceae	0.1	7	*		No	
micr stip	<i>Microlaena stipoides</i>	Weeping Grass	Poaceae	5			Grass & grasslike (GG)	No	
trif dubi	<i>Trifolium dubium</i>	Yellow Suckling Clover	Fabaceae (Faboidae)	2		*		No	
trif angu	<i>Trifolium angustifolium</i>	Narrow-leaved Clover	Fabaceae (Faboidae)	2		*		No	
spor creb	<i>Sporobolus creber</i>	Slender Rat's Tail Grass	Poaceae	0.1	5		Grass & grasslike (GG)	No	
both macr	<i>Bothriochloa macra</i>	Red Grass	Poaceae	0.1	10		Grass & grasslike (GG)	No	

echi vulg	<i>Echium vulgare</i>	Viper's Bugloss	Boraginaceae	0.1	2	*		No	
eina nuta	<i>Einadia nutans</i>	Climbing Saltbush	Chenopodiaceae	0.1	12		Forb (FG)	No	
sily mari	<i>Silybum marianum</i>	Variiegated Thistle	Asteraceae	0.1	2	*		No	
poa sieb	<i>Poa sieberiana</i>	Snowgrass	Poaceae	0.5	20		Grass & grasslike (GG)	No	
care inve	<i>Carex inversa</i>	Knob Sedge	Cyperaceae	0.1	20		Grass & grasslike (GG)	No	
aust scab	<i>Austrostipa scabra</i>	Speargrass	Poaceae	0.1	7		Grass & grasslike (GG)	No	
alte nana	<i>Alternanthera nana</i>	Hairy Joyweed	Amaranthaceae	0.1	1		Forb (FG)	No	
acae echi	<i>Acaena echinata</i>	Sheep's Burr	Rosaceae	0.1	3		Forb (FG)	No	
ryti pilo	<i>Rytidosperma pilosum</i>	Smooth-flowered Wallaby Grass	Poaceae	0.1	2		Grass & grasslike (GG)	No	
aris ramo	<i>Aristida ramosa</i>	Purple Wiregrass	Poaceae	0.1	7		Grass & grasslike (GG)	No	
brom	<i>Bromus spp.</i>	A Brome	Poaceae	0.1	15	*		No	
plan lanc	<i>Plantago lanceolata</i>	Lamb's Tongues	Plantaginaceae	0.1		*		No	
gera retr	<i>Geranium retrorsum</i>	Cranesbill Geranium	Geraniaceae	0.1	10		Forb (FG)	No	
them tria	<i>Themeda triandra</i>		Poaceae	0.1	1		Grass & grasslike (GG)	No	
junc	<i>Juncus spp.</i>	A Rush	Juncaceae	0.1	1		Grass & grasslike (GG)	No	
fuma	<i>Fumaria spp.</i>	Fumitory	Fumariaceae	0.1	1	*		No	

BAM Site Field Survey									
Project:	Flyers Creek	Plot Identifier	3b	Pic 20x20		Pic 20x50		plot dim	
Survey date:	20.07.2020	Compass Orientation (head of 20x20 plot)							
Recorders	L Hamilton; M Palmer	PCT:			Derived grassland				
GPS Easting		GPS Northing		Datum	H	Zone		55	
Landform			Soils			Drainage & Slope			
Morphology		Soil Texture		Slope					
LandF Element		Soil Colour		Aspect					
LandF Pattern		Soil Depth		Drainage					
Microrelief		Geology		Watercourses					
Plot Disturbance									
	Severity	Age	Observational Evidence						
Clearing									
Cultivation									
Soil erosion									
Firewood									
Grazing									
Fire Damage									
Storm Damage									
Weediness									
Other									
Severity: 0 = no evidence, 1=light, 2=moderate, 3=severe Age: R=recent (<3yrs), NR=not recent (3-10yrs), O=old (>10yrs)									
Additional information									
Current land use									
Age class of trees (DBH range), Condition of Vegetation, Hollows									
possible hollows mod condition									
Disturbances (i.e. fire, grazing, ferals, clearing, logging, soil degradation, pollution, weeds, dieback)									
Significant and threatened species and communities (Note pop. size/area, structure, repro status, habit, habitat, threats, photos)									
Dominant Species outside Plot									

FUNCTION

Function attributes for		3b	BAM Attributes (1 x 1m Plots)					
BAM Attribute (20x20m plot)								
Count of Native Richness	Stratum	Sum	Litter Cover	Tape length	% cover	Average %	Photos	
	Tree (TG)	2		5m	0%			
	Shrub (SG)	1		15m	20%			
	Forb (FG)	1		25m	0%			
	Grass & grasslike (GG)	3		35m	1%			
	Fern (EG)	0	45m	5%				
	Other (OG)	0						
	TOTAL	7						
BAM Attribute (20x20m plot)			Bare ground cover	5m	0%	0.0%		
Count of cover abundance (native vascular plants)	Stratum	Sum		15m	0%			
	Tree (TG)	51		25m	0%			
	Shrub (SG)	10		35m	0%			
	Forb (FG)	0.1		45m	0%			
	Grass & grasslike (GG)	0.7						
	Fern (EG)	0						
	Other (OG)	0						
	TOTAL Native	61.8						
TOTAL 'HTE'	3							
BAM Attribute (20 x 50m plot) Tree Stem Counts			Cryptogam cover	5m	0%	0.0%		
DBH (cm)	Euc	Non Euc		Hollows	15m			0%
	>80	0		0	0			0%
	50-79	1		0	0			0%
	30-49	0		0	0			0%
	20-29	0	9	0	0%			
	10-19	0	3	0	0%			
	5-9	0	25	0	0%			
	<5	1	0	N/A				
Length of logs (m)		53						
0.1%=63x63cm								
0.5%=1.4x1.4m								
1%=2x2m								
5%=4x5m								
25%=10x10m								
Rock Cover								
5m								
15m								
25m								
35m								
45m								

COMPOSITION & STRUCTURE

Species recorded for		3b							
Abbreviation	Scientific Name	Common Name	Family	% Cover	Abundance	Exotic	Growth Form	High Threat?	EPBC Status
acac deal	<i>Acacia dealbata</i>	Silver Wattle	Fabaceae (Mi)	50			Tree (TG)	FALSE	
cass arcu	<i>Cassinia arcuata</i>	Sifton Bush	Asteraceae	10			Shrub (SG)	No	
dact glom	<i>Dactylis glomerata</i>	Cocksfoot	Poaceae	15		*		No	
phal aqua	<i>Phalaris aquatica</i>	Phalaris	Poaceae	20		*		No	
hypo glab	<i>Hypochaeris glabra</i>	Smooth Catsear	Asteraceae	0.1	14	*		No	
echi plan	<i>Echium plantagineum</i>	Patterson's Curse	Boraginaceae	0.5	7	*		No	
ryti pilo	<i>Rytidosperma pilosum</i>	Smooth-flowered Wallaby Grass	Poaceae	0.1	9		Grass & grasslike (GG)	No	
pasp dila	<i>Paspalum dilatatum</i>	Paspalum	Poaceae	3		*		HTE	
pani simi	<i>Panicum simile</i>	Two-colour Panic	Poaceae	0.1	1		Grass & grasslike (GG)	No	
romu	<i>Romulea spp.</i>		Iridaceae	5	7	*		No	
oxal pere	<i>Oxalis perennans</i>		Oxalidaceae	0.1	2		Forb (FG)	No	

poa sieb	<i>Poa sieberiana</i>	Snowgrass	Poaceae	0.5	20		Grass & grasslike (GG)	No	
euca brid	<i>Eucalyptus bridgesiana</i>	Apple Box	Myrtaceae	1			Tree (TG)	No	
anth cotu	<i>Anthemis cotula</i>	Stinking Mayweed	Asteraceae	0.1	1	*		No	
madi sati	<i>Madia sativa</i>	Tarweed	Asteraceae	0.1	1	*		No	
cyno echi	<i>Cynosurus echinatus</i>	Rough Dog's Tail	Poaceae	0.1	17	*		No	
holc lana	<i>Holcus lanatus</i>	Yorkshire Fog	Poaceae	0.1	4	*		No	
sang mino muri	<i>Sanguisorba minor subsp</i>	Sheep's Burnet	Rosaceae	0.1	2	*		No	
Agrostis sp	<i>Agrostis sp</i>	Bent Grass	Poaceae	5		*		No	#N/A
arct cale	<i>Arctotheca calendula</i>	Capeweed	Asteraceae	0.1	12	*		No	

BAM Site Field Survey									
Project:	Flyers Creek	Plot Identifier	3c	Pic 20x20		Pic 20x50		plot dim	
Survey date:	20.07.2020	Compass Orientation (head of 20x20 plot)							
Recorders	L Hamilton; M Palmer	PCT:							
GPS Easting		GPS Northing		Datum	H	Zone		55	
Landform			Soils			Drainage & Slope			
Morphology			Soil Texture			Slope			
LandF Element			Soil Colour			Aspect			
LandF Pattern			Soil Depth			Drainage			
Microrelief			Geology			Watercourses			
Plot Disturbance									
	Severity	Age	Observational Evidence						
Clearing									
Cultivation									
Soil erosion									
Firewood									
Grazing									
Fire Damage									
Storm Damage									
Weediness									
Other									
Severity: 0 = no evidence, 1=light, 2=moderate, 3=severe Age: R=recent (<3yrs), NR=not recent (3-10yrs), O=old (>10yrs)									
Additional information									
Current land use									
Age class of trees (DBH range), Condition of Vegetation, Hollows									
Disturbances (i.e. fire, grazing, ferals, clearing, logging, soil degradation, pollution, weeds, dieback)									
Significant and threatened species and communities (Note pop. size/area, structure, repro status, habit, habitat, threats, photos)									
Dominant Species outside Plot									

FUNCTION

Function attributes for		3c	BAM Attributes (1 x 1m Plots)				
BAM Attribute (20x20m plot)			Litter Cover	Tape length	% cover	Average %	Photos
Count of Native Richness	Stratum	Sum		5m	1%		
	Tree (TG)	1	15m	5%			
	Shrub (SG)	0	25m	8%			
	Forb (FG)	9	35m	10%			
	Grass & grasslike (GG)	9	45m	20%			
	Fern (EG)	0	5m	0%			
	Other (OG)	0	15m	0%			
TOTAL	19	25m	0%				
25m	0%	35m	0%				
45m	0%	Bare ground cover		0.0%			
BAM Attribute (20x20m plot)			5m		0%		
Count of cover abundance (native vascular plants)	Stratum	Sum	15m	0%			
	Tree (TG)	30	25m	0%			
	Shrub (SG)	0	35m	0%			
	Forb (FG)	0.9	45m	0%			
	Grass & grasslike (GG)	42	5m	0%			
	Fern (EG)	0	15m	0%			
	Other (OG)	0	25m	0%			
TOTAL Native	72.9	35m	0%				
TOTAL 'HTE'	26.2	45m	0%				
BAM Attribute (20 x 50m plot) Tree Stem Counts			Cryptogam cover		0.0%		
DBH (cm)	Euc	Non Euc	Hollows	5m		0%	
>80	1	0	0	15m	0%		
50-79	2	0	0	25m	0%		
30-49	0	0	0	35m	0%		
20-29	0	0	0	45m	0%		
10-19	8	0	0	5m	0%		
5-9	12	0	0	15m	0%		
<5	6	0	N/A	25m	0%		
Length of logs (m)		3		35m	0%		
0.1%=63x63cm				45m	0%		
0.5%=1.4x1.4m				Rock Cover			
1%=2x2m				5m	0%		
5%=4x5m				15m	0%		
25%=10x10m				25m	0%		

COMPOSITION & STRUCTURE

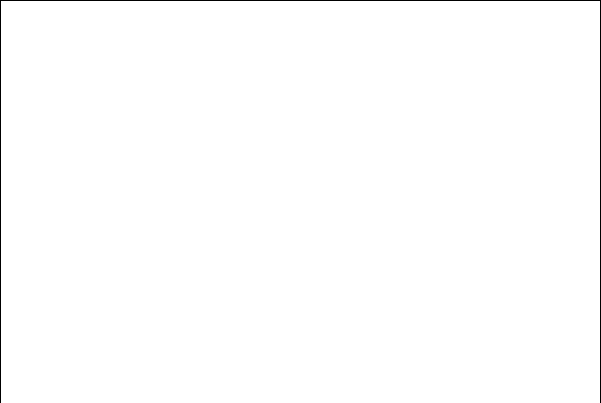
Species recorded for		3c							
Abbreviation	Scientific Name	Common Name	Family	% Cover	Abundance	Exotic	Growth Form	High Threat?	EPBC Status
euca blak	<i>Eucalyptus blakelyi</i>	Blakely's Red Gum	Myrtaceae	30			Tree (TG)	No	
junc usit	<i>Juncus usitatus</i>		Juncaceae	10			Grass & grasslike (GG)	No	
micr stip	<i>Microlaena stipoides</i>	Weeping Grass	Poaceae	20			Grass & grasslike (GG)	No	
rubu frut	<i>Rubus fruticosus sp. agg.</i>	Blackberry complex	Rosaceae	25		*		HTE	
trif	<i>Trifolium spp.</i>	A Clover	Fabaceae (Fat)	10		*		No	
trif	<i>Trifolium spp.</i>	A Clover	Fabaceae (Fat)	5		*		No	
arct cale	<i>Arctotheca calendula</i>	Capeweed	Asteraceae	0.5	100	*		No	
hypo radi	<i>Hypochaeris radicata</i>	Catsear	Asteraceae	0.5	100	*		No	
dich repe	<i>Dichondra repens</i>	Kidney Weed	Convolvulaceae	0.1	50		Forb (FG)	No	
gera sola	<i>Geranium solanderi</i>	Native Geranium	Geraniaceae	0.1	500		Forb (FG)	No	
poa sieb	<i>Poa sieberiana</i>	Snowgrass	Poaceae	1			Grass & grasslike (GG)	No	

care appr	<i>Carex appressa</i>	Tall Sedge	Cyperaceae	10			Grass & grasslike (GG)	No	
tara offi	<i>Taraxacum officinale</i>	Dandelion	Asteraceae	0.1	20	*		No	
acet vulg	<i>Acetosella vulgaris</i>	Sheep Sorrel	Polygonaceae	0.1	12	*		HTE	
oxal pere	<i>Oxalis perennans</i>		Oxalidaceae	0.1	50		Forb (FG)	No	
ryti pilo	<i>Rytidosperma pilosum</i>	Smooth-flowered Wallaby Grass	Poaceae	0.5	100		Grass & grasslike (GG)	No	
eleo acut	<i>Eleocharis acuta</i>		Cyperaceae	0.2	50		Grass & grasslike (GG)	No	
care inve	<i>Carex inversa</i>	Knob Sedge	Cyperaceae	0.1	10		Grass & grasslike (GG)	No	
rume brow	<i>Rumex brownii</i>	Swamp Dock	Polygonaceae	0.1	7		Forb (FG)	No	
pasp dila	<i>Paspalum dilatatum</i>	Paspalum	Poaceae	1		*		HTE	
brom	<i>Bromus spp.</i>	A Brome	Poaceae	0.1	10	*		No	
loma filii	<i>Lomandra filiformis</i>	Wattle Matt-rush	Lomandraceae	0.1	2		Grass & grasslike (GG)	No	
pers deci	<i>Persicaria decipiens</i>	Slender Knotweed	Polygonaceae	0.1	3		Forb (FG)	No	
port oler	<i>Portulaca oleracea</i>	Pigweed	Portulacaceae	0.1	2		Forb (FG)	No	
poa bulb	<i>Poa bulbosa</i>	Bulbous Poa	Poaceae	0.1	1	*		No	
forb	Unidentified forb			0.1	10			No	#N/A
hydr laxi	<i>Hydrocotyle laxiflora</i>	Stinking Pennywort	Apiaceae	0.1	10		Forb (FG)	No	
sene quad	<i>Senecio quadridentatus</i>	Cotton Fireweed	Asteraceae	0.1	3		Forb (FG)	No	
both macr	<i>Bothriochloa macra</i>	Red Grass	Poaceae	0.1	2		Grass & grasslike (GG)	No	
cart lana	<i>Carthamus lanatus</i>	Saffron Thistle	Asteraceae	0.1	1	*		HTE	
hydr trip	<i>Hydrocotyle tripartita</i>	Pennywort	Apiaceae	0.1	50		Forb (FG)	No	

Plot 3
Head of plot



Plot 3
Tail of plot



Litter cover 5 m



Litter cover 15 m



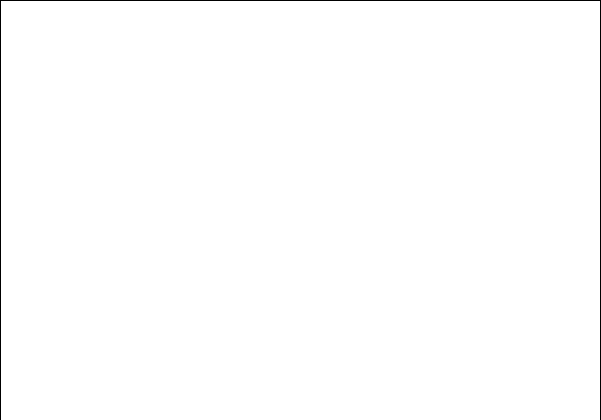
Litter cover 25 m



Litter cover 35 m



Litter cover 45 m



Plot 3a Head of plot	Plot 3a Tail of plot
No data	No data
Litter cover 5 m	Litter cover 15 m
No data	No data
Litter cover 25 m	Litter cover 35 m
No data	No data
Litter cover 45 m	
No data	

Plot 3b Head of plot	Plot 3b Tail of plot
No data	No data
Litter cover 5 m	Litter cover 15 m
No data	No data
Litter cover 25 m	Litter cover 35 m
No data	No data
Litter cover 45 m	
No data	

Plot 3c Head of plot	Plot 3c Tail of plot
No data	No data
Litter cover 5 m	Litter cover 15 m
No data	No data
Litter cover 25 m	Litter cover 35 m
No data	No data
Litter cover 45 m	
No data	

Plot 4
Head of plot



Plot 4
Tail of plot



Litter cover 5 m



Litter cover 15 m



Litter cover 25 m







Litter cover 35 m






Litter cover 45 m





Plot 5 Head of plot	Plot 5 Tail of plot
	
Litter cover 5 m	Litter cover 15 m
No data	No data
Litter cover 25 m	Litter cover 35 m
No data	No data
Litter cover 45 m	
No data	

Plot 6 Head of plot	Plot 6 Tail of plot
	
Litter cover 5 m	Litter cover 15 m
No data	No data
Litter cover 25 m	Litter cover 35 m
No data	No data
Litter cover 45 m	
No data	

Plot 7 Head of plot	Plot 7 Tail of plot
	No data
Litter cover 5 m	Litter cover 15 m
No data	No data
Litter cover 25 m	Litter cover 35 m
No data	No data
Litter cover 45 m	
No data	

Plot 8 Head of plot	Plot 8 Tail of plot
	
Litter cover 5 m	Litter cover 15 m
No data	No data
Litter cover 25 m	Litter cover 35 m
No data	No data
Litter cover 45 m	
No data	

Plot 9 Head of plot	Plot 9 Tail of plot
	
Litter cover 5 m	Litter cover 15 m
No data	No data
Litter cover 25 m	Litter cover 35 m
No data	No data
Litter cover 45 m	
No data	

Plot 10
Head of plot



Plot 10
Tail of plot



Litter cover 5 m



Litter cover 15 m



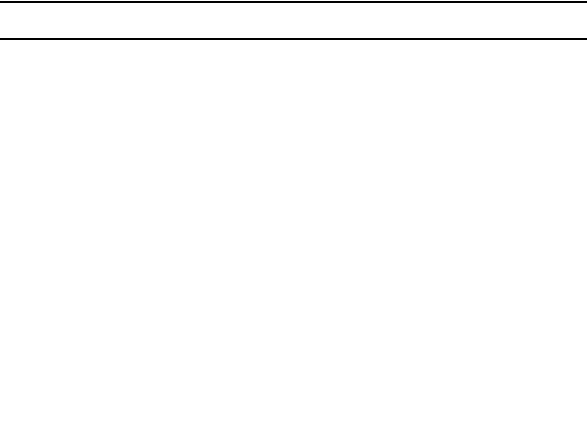
Litter cover 25 m




Litter cover 35 m




Litter cover 45 m



Plot 11 Head of plot	Plot 11 Tail of plot
	
Litter cover 5 m	Litter cover 15 m
No data	No data
Litter cover 25 m	Litter cover 35 m
No data	No data
Litter cover 45 m	
No data	

Plot 12 Head of plot	Plot 12 Tail of plot
	
Litter cover 5 m	Litter cover 15 m
No data	No data
Litter cover 25 m	Litter cover 35 m
No data	No data
Litter cover 45 m	
No data	

Plot 13 Head of plot	Plot 13 Tail of plot
	
Litter cover 5 m	Litter cover 15 m
No data	No data
Litter cover 25 m	Litter cover 35 m
No data	No data
Litter cover 45 m	
No data	

Plot 14 Head of plot	Plot 14 Tail of plot
	
Litter cover 5 m	Litter cover 15 m
No data	No data
Litter cover 25 m	Litter cover 35 m
No data	No data
Litter cover 45 m	
No data	

Plot 15
Head of plot



Plot 15
Tail of plot



Litter cover 5 m



Litter cover 15 m

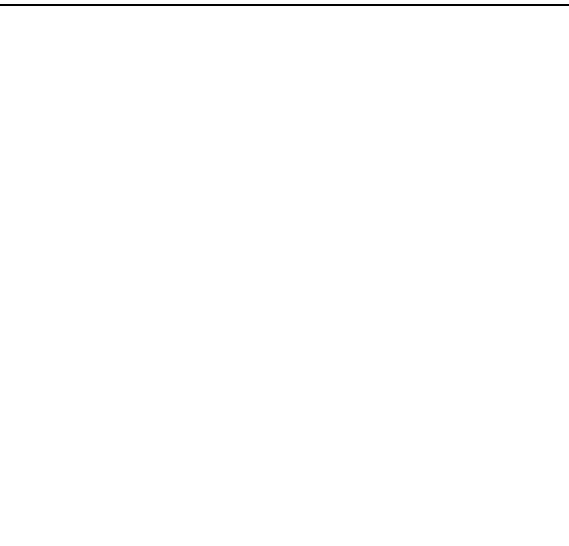




Litter cover 25 m




Litter cover 35 m


Litter cover 45 m






Plot 16 Head of plot	Plot 16 Tail of plot
	
Litter cover 5 m	Litter cover 15 m
No data	No data
Litter cover 25 m	Litter cover 35 m
No data	No data
Litter cover 45 m	
No data	


Plot 18 Head of plot	Plot 18 Tail of plot
	
Litter cover 5 m	Litter cover 15 m
No data	No data
Litter cover 25 m	Litter cover 35 m
No data	No data
Litter cover 45 m	
No data	


Plot 19 Head of plot	Plot 19 Tail of plot
	No data
Litter cover 5 m	Litter cover 15 m
No data	No data
Litter cover 25 m	Litter cover 35 m
No data	No data
Litter cover 45 m	
No data	



Plot 20 Head of plot	Plot 20 Tail of plot
	
Litter cover 5 m	Litter cover 15 m
No data	No data
Litter cover 25 m	Litter cover 35 m
No data	No data
Litter cover 45 m	
No data	

Plot 21 Head of plot	Plot 21 Tail of plot
	
Litter cover 5 m	Litter cover 15 m
No data	No data
Litter cover 25 m	Litter cover 35 m
No data	No data
Litter cover 45 m	
No data	

Plot 22 Head of plot	Plot 22 Tail of plot
	
Litter cover 5 m	Litter cover 15 m
No data	No data
Litter cover 25 m	Litter cover 35 m
No data	No data
Litter cover 45 m	
No data	

Plot 24 Head of plot	Plot 24 Tail of plot
	
Litter cover 5 m	Litter cover 15 m
No data	No data
Litter cover 25 m	Litter cover 35 m
No data	No data
Litter cover 45 m	
No data	

Plot 25 Head of plot	Plot 25 Tail of plot
	No data
Litter cover 5 m	Litter cover 15 m
No data	No data
Litter cover 25 m	Litter cover 35 m
No data	No data
Litter cover 45 m	
No data	

Plot 26 Head of plot	Plot 26 Tail of plot
	
Litter cover 5 m	Litter cover 15 m
No data	No data
Litter cover 25 m	Litter cover 35 m
No data	No data
Litter cover 45 m	
No data	