

Attachment 6: Initial Field Investigation Results

Site	LOT	PLAN	Easting	Northing	Date	Physical Details		RE (Magnet)	Disturbance Type	Level of Disturbance	Age Structure	Fauna Features							Overstorey	Midstorey		Understorey		Groundcover				Leaf Litter		Live trees	Dead trees	Fallen Logs (per 25m x 25m)	Proximity to permanent surface water (m)	Type surface water	Proximity to temporary surface water (m)	Type surface water	Frog Habitat	Fauna Corridor	Additional Notes																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
						Slope (%)	Aspect					Native Species (per 100m ²)	Exotic Species (per 100m ²)	Native Birds (per 100m ²)	Native Insects (per 100m ²)	Native Reptiles (per 100m ²)	Native Amphibians (per 100m ²)	Native Mammals (per 100m ²)		H (%)	F (%)	C (%)	H (%)	F (%)	C (%)	D (%)	E (%)	F (%)	G (%)											H (%)	I (%)	J (%)	K (%)	L (%)	M (%)	N (%)	O (%)	P (%)	Q (%)	R (%)	S (%)	T (%)	U (%)	V (%)	W (%)	X (%)	Y (%)	Z (%)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
2	11	SP18918	39447	695352	30/03/2016	6%	East	no	clearing/grazing weeds	severe moderate	unseen	0	0	0	0	0	0	0	E. tereticornis	22	15		Lantana, camphor laurel	2	5	Exotic	<0.6	75	10	1	15	M-low S-low	M-low S-low	7	na	-	0	creak	-	no		GPS of two nests in corridor. Firemouth, kite and large number of birds of prey due to top. 4 kite nests.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
4	31	SP27214	39826	695503	31/05/2016	7%	South East	12.9-10.15 (horizontal)	grazing weeds	moderate	Advanced regeneration	0	0	1	1	0	0	0	E. crebra, C. chlorodora, E. aemulosa	26	20		L. confertus	5	25	Lomandra multiflora	0.5	5	90	2-3cm	3	S-low	15	0	creak	100	creak	Yes		Possible habitat for M. tereticaucis in ephemeral creek, however not identified in faunal surveys. Thick leaf litter, good soil moisture. Native fish habitat near creek. Diversity of rainforest plants in shrub layer, 1-2m tall, sapling and small shrubs.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
5	371	CC675	399105	6955714	30/03/2016	8%	East	12.9-10.7	clearing/grazing weeds	moderate moderate-severe	unseen	2	0	1	2	0	1	0	E. sclerophylla, L. confertus, E. carnea, E. tereticornis	30	40		Lantana camara	20	80	panicum sp.	<1	<5	80	5	15	S-mod	-	4	200	creak	100	creak	at permanent water	yes	RE 12-10.7 not present. Some species from vine thicket RE present. High bird diversity esp in gullies. Severe lantana infestation. Tracks recently bulldozed.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
6	354	CC312304	398995	6955811	30/03/2016	10%	Southwest	12.9-10.3	clearing/grazing weeds	light moderate	mature	1	0	0	2	0	1	0	L. socorrensis, E. tereticornis, A. subulata, E. sclerophylla	20	45		L. confertus, A. subulata and C. chlorodora	10	20	Lantana camara	2	30	couch	<0.3	10	75	3	15	M-low S-mod	-	8	na	-	50	creak	-	yes		Risky outcrops common. Termit mound (ground).																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
8	246	CC315	402073	6955960	30/03/2016	40%	Southeast/SSE	12.9-10.3	weeds	light	mature	0	0	0	2	0	1	0	C. chlorodora	23	25		2 to 10	10	Native grass, Lomandra	0.2 to 0.4	5	90	2 to 3	5	-	-	12	-	-	-	-	-	-	-	-	-	-	Coloured delima (Delima torquata) potential up on top of ridge.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
9	246	CC315	402073	6955962	31/03/2016	2%	South	no	grazing weeds	light	unseen	0	0	2	1	0	0	0	Eucalyptus sclerophylla, Acacia	-	-		Native grass	1	90	3	-	-	-	-	0	na	-	na	-	na	-	na	-	na	-	na	-	na	Reasonable number of small/medium rock cover potential for Coloured Delima (Delima torquata). Recommend further survey. Good litter cover.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
10	SP186717	402653	6955780	30/03/2016	<5%			12.9-10.7	Weeds	severe	unseen	0	0	1	2	0	1	1	E. crebra, Corymbia sp.	23	15		Red ash, Acacia	6m	45	Gahnia aspera, native grasses	0.4	1	80	-	20	M-mod	M-mod	12	na	-	0	creak	no	no		Possible Black-breasted Button Quail habitat. Burring and bandicoot diggings.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
11	8	SP186716	402355	6955829	30/03/2016	5m	north	12.9-10.7	logging weeds	light moderate	unseen	2	0	2	2	0	0	0	E. crebra	20	5		Acacia sp. Albionia	6-8m	20	native grasses	0.2-0.5	20	50	1	30	S-low M-low S-low	S-low M-low S-low	6	na	-	na	-	na	-	no	yes																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
12	11	SP198893	403970	6955999	29/03/2016	58%	east	no	fire clearing/grazing weeds	light moderate	unseen	1	0	0	0	0	0	0	E. crebra	22	25		C. tessellata, C. intermedia	7	10	lantana camara	1.50	50		<0.5	10	80	5	10	-	-	10	-	-	16	200	creak	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-	na	-

site	LOT	PLAN	Easting	Northing	Date	RE (Mapped)	Vegetation structure and floristics																Age structure	Dead trees %	Disturbance Type	Level of Disturbance
							Overstorey			Midstorey			Understorey			Groundcover										
							Dominant species	H (m)	FPC (%)	Dominant Species		H (m)	FPC (%)	Dominant Species		H (m)	FPC (%)	Dominant Species		H (m)	FPC (%)					
1	2	RP192838	391571	6957346	30/03/2016	NA	E. tereticornis	25	5				E. tereticornis, Acacia sp. Opuntia stricta, peach trees (Prunus persica)	10	5	sorghum, buffel grass (Cenchrus ciliaris)	<1		80	Mature age			5	clearing/frag weeds	Severe moderate moderate	
3		road observation point only	395277	6956123	30/03/2016	11.3.25	E. tereticornis, C. cunninghamiana	25	20				Camphor laurel	8	10	Digitaria, wild sorghum, buffel grass (Cenchrus ciliaris), Dicanthium	<1	unknown, no visual from road	Mature age			0	Clearing/frag grazing weeds	Severe moderate moderate		
4a	31	SP272174	398236	6955503	31/05/2016	12.9-10.15/12.9-10.7 (incorrect) 12.9-10.17 more suitable	E. acmenoides, E. crebra, C.intermedia, E. propinqua,	24	20	L. confertus, A. leiocalyx, A. excelsa	5-6m	10	Acacia podalyriifolia, Lantana camara, Helicia glabriflora, flindersia collina	4	30	Lomandra multiflora, Imperata cylindrica,	0.2		3	Advanced regen			1	Fire logging weeds	light light moderate	
4	31	SP272174	398236	6955503	31/05/2016	12.9-10.15 (incorrect) 12.8.16 more suitable	E. crebra, E. tereticornis, C. intermedia, A. floribunda, L. confertus, E. melliodora	20	35	Acacia fimbriata, Mallotus philippensis, Acacia maidenii, Acacia torulosa, Bursaria sp., Acacia sp., Harpullia pendula.	6	25	Lantana camara, Ligustrum lucidum, Acacia maidenii, Alyxia ruscifolia.	2	20	Themeda triandra, Lomandra, Adiantum sp.	0.3-0.5		35	Advanced regen/ mature age			2	Fire weeds	light moderate	
16	169	SP200753	407523	6955369	29/03/2016	12.9-10.7	E. crebra, C. tessellaris, E. melanopholia	20	30	A. excelsa	10	10	L. camara, Epaeris sp.	1-1.5	35	Themeda triandra, Lantana montauedensis, stipa sp, panicum sp.	<0.3		70	Advanced regen and mature age	<5				Logging clearing/frag weeds	light light moderate

#	LOT	PLAN	Coordinates	Date	Tree Species	Angophora leiocarpa	Angophora floribuna	Angophora subvelutina	Angophora woodsiana	Brachychiton sp.	Casuarina cunninghamiana	Corymbia citriodora	Corymbia clarksoniana	Corymbia henryi	Corymbia intermedia	Corymbia tessellaris	Corymbia sp.	Lophostemon confertus	Lophostemon suaveolens	Eucalyptus acmenoides	Eucalyptus carnea	Eucalyptus crebra	Eucalyptus fibrosa	Eucalyptus melanophloia	Eucalyptus microcorys	Eucalyptus moluccana	Eucalyptus propinqua	Eucalyptus siderophloia	Eucalyptus tereticornis	Total	% Activity	Level of Activity			
2	11	SP189518	394427 6956352	30/03/16	# Trees surveyed # Trees with scats																									29	0%	Low			
4	31	SP272174	398236 6955503	30/05/2016	# Trees surveyed # Trees with scats	2									6				1	10			11									6%	Low		
5	371	CC675	399105 6955714	30/03/16	# Trees surveyed # Trees with scats									6				5		3		1				1			7	7		10%	Low		
6	354	CC312304	399895 6955811	30/03/16	# Trees surveyed # Trees with scats			7								1													4	18		3%	Low		
8	246	CC315	401073 6955690	31/03/16	# Trees surveyed # Trees with scats					1		23		1						2		2		2			1						7%	Low	
9	246	CC316	402041 6955642	31/03/16	# Trees surveyed # Trees with scats							4		7					2		15		15				2						27%	Medium	
10	20	SP186717	402653 6955780	30/03/16	# Trees surveyed # Trees with scats	2						1	2	9		8	1		1		7		3										27%	Medium	
11	8	SP186716	403255 6955829	30/03/16	# Trees surveyed # Trees with scats							6				1					19		4										37%	High	
12	11	SP198893	403970 6955999	29/03/16	# Trees surveyed # Trees with scats							2				1					15		7		1			1					7%	Low	
13	9	SP200755	404142 6956057	29/03/16	# Trees surveyed # Trees with scats		15				3				1	1							2								10		10%	Low	
14	260	SP200756	404792 6956328	30/03/16	# Trees surveyed # Trees with scats								14									14		2										27%	Medium
16	169	SP200753	407523 6955369	29/03/16	# Trees surveyed # Trees with scats										3	11						15							1				30%	Medium	
17	208	SP186914	407999 6955359	29/03/16	# Trees surveyed # Trees with scats							18		2							7		4					3					23%	Medium	
18	208	SP186914	407999 6955359	29/03/16	# Trees surveyed # Trees with scats	1						6		12	1						3		1						7				27%	Medium	
19	18	SP105106	409942 6954829	30/03/16	# Trees surveyed # Trees with scats							23			1	1			1			8											37%	High	
20	1	RP32750	410398 6954402	29/03/16	# Trees surveyed # Trees with scats							22										6		1									50%	High	
21	87	CA31624	410833 6954081	29/03/16	# Trees surveyed # Trees with scats							15										6		1						8			23%	Medium	