


HABITAT ASSESSMENT
DRY SEASON
SEPTEMBER 2010


SITE NUMBER	H 19
Location	Area 3 - Airstrip
Type	Terrestrial woody ecosystem
DATE	22/09/2010
RECORDER	Amy Prowd
LOCALITY	Great Keppel Island



SITE DESCRIPTION		Hill slope dominated by She-oak and occasional emergent eucalypts.																	
GENERAL NOTES		Close to the airstrip and houses.																	
Exotics/Weeds		0%		Hollow Bearing Trees		0													
Human Disturbance		Y – airstrip and housing		Rocky Outcrops		N													
Mature Koala Feed Trees		4 (all emergents)																	
Vegetation Condition																			
Integral		-		Remnant		Y (RE v 6.0 = 8.2.8a)		Regrowth		-									
Vegetation Density																			
Canopy		M-S				Understorey		S-V											
Ground Cover																			
Fallen Woody Debris		30%		Bark/Leaf Litter		25%		Rocks		0%		Grass/Vegetation		40%		Bare Ground		5%	
Aquatic Resources																			
Ephemeral		-		Perennial		-		Marine		-		None		Y					
Opportunistic Observations																			
Scratches (Type)		-																	
Diggings (Type)		-																	
Nests (Type)		-																	
Hollow Use (Species)		-																	
Scats (Type)		-																	
Fauna at site		-																	


Habitat Value Ranking: High – Very High

SITE NUMBER	H 20
Location	Area 3 - Airstrip
Type	Terrestrial woody ecosystem
DATE	22/09/2010
RECORDER	Amy Prowd
LOCALITY	Great Keppel Island




SITE DESCRIPTION	She-oak dominated woodland.													
GENERAL NOTES	Top of slope. Lots of flowering Grevillea. Lots of She-oak cones.													
Exotics/Weeds	0%			Hollow Bearing Trees			0							
Human Disturbance	Y (airstrip)			Rocky Outcrops			N							
Mature Koala Feed Trees	0													
Feature														
Integral	-		Remnant	Y (RE v 6.0 = 8.2.8a)			Regrowth	-						
Vegetation Density														
Canopy	M			Understorey			S-V							
Ground Cover														
Fallen Woody Debris	0%		Bark/Leaf Litter	60%		Rocks	0%		Grass/Vegetation	40%		Bare Ground	0%	
Aquatic Resources														
Ephemeral	-		Perennial	-		Marine	-		None	Y				
Opportunistic Observations														
Scratches (Type)												-		
Diggings (Type)												Possible Echidna diggings		
Nests (Type)												-		
Hollow Use (Species)												-		
Scats (Type)												Possum		
Fauna at site												<i>Lygisorum foliorum</i>		

Habitat Value Ranking: High – Very High

SITE NUMBER	H 21								
Location	Area 3 - Airstrip								
Type	Terrestrial woody ecosystem								
DATE	22/09/2010								
RECORDER	Amy Prowd								
LOCALITY	Great Keppel Island								
SITE DESCRIPTION		<i>Eucalyptus tessellaris</i> emergent with she-oak and acacia dominating the understorey.							
GENERAL NOTES		Near an ephemeral pond area.							
Exotics/Weeds		10% (some Lantana)		Hollow Bearing Trees		0			
Human Disturbance		Y (Track)		Rocky Outcrops		N			
Mature Koala Feed Trees		3							
Feature									
Integral	-	Remnant	Y (RE v 6.0 = 8.2.8a)			Regrowth	-		
Vegetation Density									
Canopy		M		Understorey		M-S			
Ground Cover									
Fallen Woody Debris	5%	Bark/Leaf Litter	30%	Rocks	3%	Grass/Vegetation	60%	Bare Ground	2%
Aquatic Resources									
Ephemeral	-	Perennial	-	Marine	-	None	Y		
Opportunistic Observations									
Scratches (Type)		-							
Diggings (Type)		-							
Nests (Type)		-							
Hollow Use (Species)		-							
Scats (Type)		-							
Fauna at site		-							


Habitat Value Ranking: Moderate - High

SITE NUMBER	H 22
Location	Area 1
Type	Terrestrial woody ecosystem
DATE	22/09/2010
RECORDER	Amy Prowd
LOCALITY	Great Keppel Island




SITE DESCRIPTION		Low eucalypt open forest							
GENERAL NOTES		Hill slope facing Leekes Beach.							
Exotics/Weeds		0%		Hollow Bearing Trees		1			
Human Disturbance		Minor (track nearby)		Rocky Outcrops		N			
Mature Koala Feed Trees		16							
Feature									
Integral	-	Remnant	Y (RE v 6.0 = 8.11.3a)			Regrowth	-		
Vegetation Density									
Canopy		M		Understorey		S			
Ground Cover									
Fallen Woody Debris	5%	Bark/Leaf Litter	30%	Rocks	10%	Grass/Vegetation	50%	Bare Ground	5%
Aquatic Resources									
Ephemeral	-	Perennial	-	Marine	-	None	Y		
Opportunistic Observations									
Scratches (Type)			-						
Diggings (Type)			-						
Nests (Type)			-						
Hollow Use (Species)			-						
Scats (Type)			Possum						
Fauna at site			-						

Habitat Value Ranking: High – Very High

SITE NUMBER	H 23								
Location	Area 4								
Type	Terrestrial woody ecosystem								
DATE	22/09/2010								
RECORDER	Amy Prowd								
LOCALITY	Great Keppel Island								
SITE DESCRIPTION		Eucalyptus woodland							
GENERAL NOTES									
Exotics/Weeds		0%		Hollow Bearing Trees		0			
Human Disturbance		Y (near track)		Rocky Outcrops		N			
Mature Koala Feed Trees		17							
Feature									
Integral	-	Remnant	Y (RE v 6.0 = 8.11.3a)			Regrowth	-		
Vegetation Density									
Canopy		M			Understorey		V		
Ground Cover									
Fallen Woody Debris	0%	Bark/Leaf Litter	60%	Rocks	0%	Grass/Vegetation	40%	Bare Ground	0%
Aquatic Resources									
Ephemeral	Y	Perennial	-	Marine	-	None	-		
Description	Within 100m of a ponded area to the NW and within 150m of a tidal inlet to the East.								
Opportunistic Observations									
Scratches (Type)		-							
Diggings (Type)		-							
Nests (Type)		-							
Hollow Use (Species)		-							
Scats (Type)		-							
Fauna at site		-							


Habitat Value Ranking: High – Very High

SITE NUMBER	H 25
Location	Area 4
Type	Terrestrial woody ecosystem
DATE	22/09/2010
RECORDER	Amy Prowd
LOCALITY	Great Keppel Island




SITE DESCRIPTION		She-oak woodland							
GENERAL NOTES		Many fallen trees.							
Exotics/Weeds		0%		Hollow Bearing Trees		0			
Human Disturbance		Y (track)		Rocky Outcrops		N			
Mature Koala Feed Trees		1							
Feature									
Integral	-	Remnant	Y (RE v 6.0 = 8.1.2)			Regrowth	-		
Vegetation Density									
Canopy		M			Understorey		S		
Ground Cover									
Fallen Woody Debris	60%	Bark/Leaf Litter	30%	Rocks	0%	Grass/Vegetation	10%	Bare Ground	0%
Aquatic Resources									
Ephemeral	Y	Perennial	-	Marine	-	None	-		
Description	Within 100m of tidal inlet to the east.								
Opportunistic Observations									
Scratches (Type)				-					
Diggings (Type)				-					
Nests (Type)				-					
Hollow Use (Species)				-					
Scats (Type)				-					
Fauna at site				Brushtail Possum					

Habitat Value Ranking: High – Very High

SITE NUMBER	H 26								
Location	Tidal Inlet								
Type	Marine Inlet								
DATE	22/09/2010								
RECORDER	Amy Prowd								
LOCALITY	Great Keppel Island								
									
SITE DESCRIPTION	Marine tidal inlet with marine couch and sandfire.								
GENERAL NOTES	Earth bridge across inlet.								
Exotics/Weeds	0%	Hollow Bearing Trees	0						
Human Disturbance	Y (earth bridge at point)	Rocky Outcrops	N						
Mature Koala Feed Trees	0								
Feature									
Integral	-	Remnant	Y (RE v 6.0 = 8.1.2)						
		Regrowth	-						
Vegetation Density									
Canopy	Absent		Understorey	Absent					
Ground Cover									
Fallen Woody Debris	0%	Bark/Leaf Litter	0%	Rocks	5%	Grass/Vegetation	25%	Bare Ground	70%
Aquatic Resources									
Ephemeral	-	Perennial	-	Marine	Y	None	-		
Description	Marine tidal system. Part of Leekes Creek.								
Opportunistic Observations									
Scratches (Type)					-				
Diggings (Type)					Crabs				
Nests (Type)					-				
Hollow Use (Species)					-				
Scats (Type)					-				
Fauna at site					Beach Stone Curlew				


Habitat Value Ranking: High -Very High

SITE NUMBER	H 33								
Location									
Type	Terrestrial woody ecosystem								
DATE	23/09/2010								
RECORDER	Amy Prowd								
LOCALITY	Great Keppel Island								
SITE DESCRIPTION		Low Acacia							
GENERAL NOTES		Weeds included Snake weed and Green Panic.							
Exotics/Weeds		50% of ground layer		Hollow Bearing Trees		0			
Human Disturbance		Y (track)		Rocky Outcrops		N			
Mature Koala Feed Trees		0							
Feature									
Integral	-	Remnant	Y (RE v 6.0 = 8.3.13c)			Regrowth	-		
Vegetation Density									
Canopy		M		Understorey		D			
Ground Cover									
Fallen Woody Debris	5%	Bark/Leaf Litter	0%	Rocks	0%	Grass/Vegetation	90%	Bare Ground	5%
Aquatic Resources									
Ephemeral	Y	Perennial	-	Marine	-	None	-		
Description	Water ponded in low lying areas following rain.								
Opportunistic Observations									
Scratches (Type)		-							
Diggings (Type)		-							
Nests (Type)		-							
Hollow Use (Species)		-							
Scats (Type)		-							
Fauna at site		Crow Pheasant coucal Olive-backed Sunbird Striped Marsh Frog							


Habitat Value Ranking: Moderate - High

SITE NUMBER	H 34								
Location	Along the track								
Type	Terrestrial woody ecosystem								
DATE	23/09/2010								
RECORDER	Amy Prowd								
LOCALITY	Great Keppel Island								
SITE DESCRIPTION		Ironbark and Angophora open forest.							
GENERAL NOTES		Weeds in the ground layer only are exotic grasses.							
Exotics/Weeds		30%		Hollow Bearing Trees		0			
Human Disturbance		Y (track)		Rocky Outcrops		N			
Mature Koala Feed Trees		100% of canopy							
Feature									
Integral	-	Remnant	Y (RE v 6.0 = 8.11.3a)			Regrowth	-		
Vegetation Density									
Canopy		M		Understorey		S-V			
Ground Cover									
Fallen Woody Debris	0%	Bark/Leaf Litter	20%	Rocks	0%	Grass/Vegetation	80%	Bare Ground	0%
Aquatic Resources									
Ephemeral	-	Perennial	-	Marine	-	None	Y		
Opportunistic Observations									
Scratches (Type)		-							
Diggings (Type)		-							
Nests (Type)		-							
Hollow Use (Species)		-							
Scats (Type)		-							
Fauna at site		Noisy Friarbird							


Habitat Value Ranking: Moderate - High

SITE NUMBER	H 36								
Location	Track								
Type	Terrestrial woody ecosystem								
DATE	23/09/2010								
RECORDER	Amy Prowd								
LOCALITY	Great Keppel Island								
SITE DESCRIPTION		Eucalyptus open forest							
GENERAL NOTES		Weeds are exotic grasses only							
Exotics/Weeds		30%		Hollow Bearing Trees		0			
Human Disturbance		Y (track and fence)		Rocky Outcrops		N			
Mature Koala Feed Trees		100% of canopy							
Feature									
Integral	-	Remnant	Y (RE v 6.0 = 8.11.3a)			Regrowth	-		
Vegetation Density									
Canopy		V		Understorey		M-S			
Ground Cover									
Fallen Woody Debris	5%	Bark/Leaf Litter	0%	Rocks	0%	Grass/Vegetation	95%	Bare Ground	0%
Aquatic Resources									
Ephemeral	Y	Perennial	-	Marine	-	None	-		
Description	Area swampy after the rain – could be some overflow from the Leekes Dam to the SE.								
Opportunistic Observations									
Scratches (Type)		-							
Diggings (Type)		-							
Nests (Type)		-							
Hollow Use (Species)		-							
Scats (Type)		-							
Fauna at site		Pseudophryne major Striped Marsh Frog Eastern Sedgefrog Pheasant Coucal Crow Laughing Kookaburra Bar-shouldered Dove							


Habitat Value Ranking: Moderate - High

SITE NUMBER	H 37								
Location									
Type	Terrestrial woody ecosystem								
DATE	22/09/2010								
RECORDER	Amy Prowd								
LOCALITY	Great Keppel Island								
SITE DESCRIPTION	Eucalyptus open forest								
GENERAL NOTES									
Exotics/Weeds		5% (Prickly Pear)	Hollow Bearing Trees	1					
Human Disturbance		Y (track and rubbish dumped)	Rocky Outcrops	N					
Mature Koala Feed Trees		100% canopy							
Feature									
Integral	-	Remnant	Y (RE v 6.0 = 8.11.3a)	Regrowth	-				
Vegetation Density									
Canopy		M	Understorey	V					
Ground Cover									
Fallen Woody Debris	5%	Bark/Leaf Litter	50%	Rocks	0%	Grass/Vegetation	25%	Bare Ground	20%
Aquatic Resources									
Ephemeral	-	Perennial	-	Marine	Y	None	-		
Description	Within 100m of tidal inlet.								
Opportunistic Observations									
Scratches (Type)			-						
Diggings (Type)			-						
Nests (Type)			-						
Hollow Use (Species)			-						
Scats (Type)			Possum						
Fauna at site			Eastern Sedgefrog Noisy Friarbird						


Habitat Value Ranking: High – Very High

SITE NUMBER	H 38		
Location	Area 5		
Type	Terrestrial woody ecosystem		
DATE	24/09/2010		
RECORDER	Amy Prowd		
LOCALITY	Great Keppel Island		
			
SITE DESCRIPTION	Eucalypt forest		
GENERAL NOTES			
Exotics/Weeds	10%	Hollow Bearing Trees	1
Human Disturbance	Y (track)	Rocky Outcrops	N
Mature Koala Feed Trees	100% of canopy		
Feature			
Integral	-	Remnant	Y (RE v 6.0 = 8.3.13c)
		Regrowth	-
Vegetation Density			
Canopy	M	Understorey	M-S
Ground Cover			
Fallen Woody Debris	5%	Bark/Leaf Litter	5%
		Rocks	0%
		Grass/Vegetation	90%
		Bare Ground	0%
Aquatic Resources			
Ephemeral	Y	Perennial	-
		Marine	-
		None	-
Description	Within 100m of a creek		
Opportunistic Observations			
Scratches (Type)	Potentially Goanna		
Diggings (Type)	-		
Nests (Type)	-		
Hollow Use (Species)	-		
Scats (Type)	-		
Fauna at site			


Habitat Value Ranking: High – Very High

SITE NUMBER	H 40								
Location	Area 6								
Type	Terrestrial woody ecosystem								
DATE	24/09/2010								
RECORDER	Amy Prowd								
LOCALITY	Great Keppel Island								
SITE DESCRIPTION		Melaleuca and Banksia woodland							
GENERAL NOTES		Understorey of Bracken fern							
Exotics/Weeds		0%		Hollow Bearing Trees		1			
Human Disturbance		Y (Track)		Rocky Outcrops		N			
Mature Koala Feed Trees		20							
Feature									
Integral	-	Remnant	Y (RE v 6.0 = 8.11.10/ 8.12.14x2c)			Regrowth	-		
Vegetation Density									
Canopy		S		Understorey		S-V			
Ground Cover									
Fallen Woody Debris	10%	Bark/Leaf Litter	30%	Rocks	0%	Grass/ Vegetation	50%	Bare Ground	10%
Aquatic Resources									
Ephemeral	-	Perennial	-	Marine	-	None	Y		
Opportunistic Observations									
Scratches (Type)		-							
Diggings (Type)		-							
Nests (Type)		-							
Hollow Use (Species)		-							
Scats (Type)		-							
Fauna at site		Osprey fly over Lygisaurus foliorum							


Habitat Value Ranking: Moderate - High

SITE NUMBER	H 43								
Location	Area 7								
Type	Terrestrial woody ecosystem								
DATE	25/09/2010								
RECORDER	Amy Prowd								
LOCALITY	Great Keppel Island								
SITE DESCRIPTION		She-oak dominated forest.							
GENERAL NOTES		Further to the coast vegetation becomes more stunted prior to steep decent to open grass and beach.							
Exotics/Weeds		0%		Hollow Bearing Trees		0			
Human Disturbance		Y (track, erosion)		Rocky Outcrops		N			
Mature Koala Feed Trees		0							
Feature									
Integral	-	Remnant	Y (RE v 6.0 = 8.11.10/8.12.14x2c)			Regrowth	-		
Vegetation Density									
Canopy		D			Understorey		V		
Ground Cover									
Fallen Woody Debris	5%	Bark/Leaf Litter	5%	Rocks	0%	Grass/Vegetation	50%	Bare Ground	40%
Aquatic Resources									
Ephemeral	-	Perennial	-	Marine	-	None	Y		
Opportunistic Observations									
Scratches (Type)		-							
Diggings (Type)		-							
Nests (Type)		-							
Hollow Use (Species)		-							
Scats (Type)		-							
Fauna at site		Osprey fly over Goats							

Habitat Value Ranking: Moderate - High

SITE NUMBER	H 44								
Location	Area 2								
Type	Terrestrial woody ecosystem								
DATE	25/09/2010								
RECORDER	Amy Prowd								
LOCALITY	Great Keppel Island								
SITE DESCRIPTION		Beach front she-oak							
GENERAL NOTES									
Exotics/Weeds		20% (grass)		Hollow Bearing Trees		0			
Human Disturbance		Y (camp)		Rocky Outcrops		N			
Mature Koala Feed Trees		0							
Feature									
Integral	-	Remnant	Y (RE v 6.0 = 8.2.1)			Regrowth	-		
Vegetation Density									
Canopy		M		Understorey		S-V			
Ground Cover									
Fallen Woody Debris	0%	Bark/Leaf Litter	5%	Rocks	0%	Grass/Vegetation	40%	Bare Ground	55%
Aquatic Resources									
Ephemeral	-	Perennial	-	Marine	-	None	Y		
Opportunistic Observations									
Scratches (Type)		-							
Diggings (Type)		-							
Nests (Type)		-							
Hollow Use (Species)		-							
Scats (Type)		Possum (Appear to be eating She-oaks on the beach front).							
Fauna at site									

Habitat Value Ranking: Moderate - High


SITE NUMBER	H 45								
Location	Area 8								
Type	Terrestrial woody ecosystem								
DATE	25/09/2010								
RECORDER	Amy Prowd								
LOCALITY	Great Keppel Island								
									
SITE DESCRIPTION		Pasture grassland with paddock dam							
GENERAL NOTES									
Exotics/Weeds		60% (pasture grass)		Hollow Bearing Trees		0			
Human Disturbance		Y (homestead pasture)		Rocky Outcrops		N			
Mature Koala Feed Trees		0							
Feature									
Integral	-	Remnant	-	Regrowth	Non-remnant				
Vegetation Density									
Canopy		Absent		Understorey		Absent			
Ground Cover									
Fallen Woody Debris	0%	Bark/Leaf Litter	0%	Rocks	0%	Grass/Vegetation	100%	Bare Ground	0%
Aquatic Resources									
Ephemeral	-	Perennial	-	Marine	-	None	Y		
Opportunistic Observations									
Scratches (Type)		-							
Diggings (Type)		-							
Nests (Type)		-							
Hollow Use (Species)		-							
Scats (Type)		Goat							
Fauna at site		Burton's Legless Lizard Carlia vivax							

Habitat Value Ranking: Very Low - Low


HABITAT ASSESSMENT

WET SEASON


FEBRUARY 2011

SITE NUMBER	H 18								
Location	Area 9								
Type	Swamp box forest								
DATE	13/2/11								
RECORDER	Amy Prowd								
LOCALITY	Great Keppel Island								
SITE DESCRIPTION		Sandy stream bed with <i>Eucalypt</i> emergent in <i>Lophostemon suaveolens</i> and <i>Melaleuca</i> forests.							
GENERAL NOTES									
Exotics/Weeds		10%		Hollow Bearing Trees		1			
Human Disturbance		Y - track		Rocky Outcrops		N			
Mature Koala Feed Trees		100% canopy							
Vegetation Condition									
Integral	-	Remnant	Y (RE v 6.0 = 8.2.8a)			Regrowth	-		
Vegetation Density									
Canopy		M			Understorey		D		
Ground Cover									
Fallen Woody Debris	10%	Bark/Leaf Litter	60%	Rocks	0%	Grass/Vegetation	20%	Bare Ground	10%
Aquatic Resources									
Ephemeral	Y	Perennial	-	Marine	-	None	-		
Opportunistic Observations									
Scratches (Type)				-					
Diggings (Type)				-					
Nests (Type)				-					
Hollow Use (Species)				Ground hollow logs present. Potentially occupied.					
Scats (Type)				Brush-tail possum.					
Fauna at site				Refer to Area 9 species list.					


Habitat Value Ranking: High – Very High

SITE NUMBER	H 19		
Location	Area 2		
Type	Rocky headland		
DATE	13/02/2011		
RECORDER	Amy Prowd		
LOCALITY	Great Keppel Island		
SITE DESCRIPTION		Rocky headland	
GENERAL NOTES		Putney Headland.	
Exotics/Weeds	0%	Hollow Bearing Trees	0
Human Disturbance	Y – fishing and walking	Rocky Outcrops	Y
Mature Koala Feed Trees	0		
Vegetation Condition			
Integral	Y	Remnant	-
		Regrowth	-
Vegetation Density			
Canopy	Absent	Understorey	Absent
Ground Cover			
Fallen Woody Debris	0%	Bark/Leaf Litter	0%
		Rocks	100%
		Grass/Vegetation	0%
		Bare Ground	0%
Aquatic Resources			
Ephemeral	-	Perennial	-
		Marine	Y – tidal influence
			None
			-
Opportunistic Observations			
Scratches (Type)	-		
Diggings (Type)	-		
Nests (Type)	-		
Hollow Use (Species)	-		
Scats (Type)	-		
Fauna at site	Small crabs Cryptobletharus littoralis Oysters on rocks		


Habitat Value Ranking: Moderate - High

SITE NUMBER	H 21		
Location	Area 3		
Type	She-oak forest		
DATE	14-2-11		
RECORDER	Amy Prowd		
LOCALITY	Great Keppel Island		
SITE DESCRIPTION		Southern end of the existing airstrip.	
GENERAL NOTES		Allocasuarina, Acacia and Grevillea forest.	
Exotics/Weeds	5%	Hollow Bearing Trees	0
Human Disturbance	Y – driveable track and pump station	Rocky Outcrops	N
Mature Koala Feed Trees	N		
Vegetation Condition			
Integral	-	Remnant	Y (Rev6 = 8.2.8a)
		Regrowth	-
Vegetation Density			
Canopy	D	Understorey	S
Ground Cover			
Fallen Woody Debris	5%	Bark/Leaf Litter	70%
Rocks	0%	Grass/Vegetation	25%
Bare Ground	0%		
Aquatic Resources			
Ephemeral	-	Perennial	-
Marine	-	None	Y
Opportunistic Observations			
Scratches (Type)	-		
Diggings (Type)	Y (type unsure)		
Nests (Type)	-		
Hollow Use (Species)	-		
Scats (Type)	-		
Fauna at site	Casuarina present Sunbird Golden orb spider		


Habitat Value Ranking: Moderate - High

SITE NUMBER	H 23								
Location	Road footprint								
Type	Low Alphitonia forest								
DATE	14-2-11								
RECORDER	Amy Prowd								
LOCALITY	Great Keppel Island								
SITE DESCRIPTION		Alphitonia excelsa with occasional taller eucalypt							
GENERAL NOTES									
Exotics/Weeds		5%	Hollow Bearing Trees	0					
Human Disturbance		Y – Bitumen road	Rocky Outcrops	N					
Mature Koala Feed Trees		Y - 3							
Vegetation Condition									
Integral	-	Remnant	Y (Rev6 = 8.11.3a)	Regrowth	-				
Vegetation Density									
Canopy	M		Understorey	S					
Ground Cover									
Fallen Woody Debris	5%	Bark/Leaf Litter	10%	Rocks	5%	Grass/Vegetation	80%	Bare Ground	0%
Aquatic Resources									
Ephemeral	-	Perennial	-	Marine	-	None	Y		
Opportunistic Observations									
Scratches (Type)		-							
Diggings (Type)		-							
Nests (Type)		-							
Hollow Use (Species)		-							
Scats (Type)		Possum							
Fauna at site		Rainbow Lorikeet Toressian Crow							


Habitat Value Ranking: High – Very High

SITE NUMBER	H 24								
Location	Road footprint								
Type	Eucalypt forest								
DATE	14-2-11								
RECORDER	Amy Prowd								
LOCALITY									
SITE DESCRIPTION Eucalyptus moluccana forest on hillside									
GENERAL NOTES									
Exotics/Weeds	0%	Hollow Bearing Trees	3 (small hollows)						
Human Disturbance	Y – walking track	Rocky Outcrops	N						
Mature Koala Feed Trees	Y – 100% canopy								
Vegetation Condition									
Integral	-	Remnant	Y (RE v 6.0 = 8.11.3a)	Regrowth	-				
Vegetation Density									
Canopy	M	Understorey	S						
Ground Cover									
Fallen Woody Debris	10%	Bark/Leaf Litter	10%	Rocks	10%	Grass/Vegetation	60%	Bare Ground	10%
Aquatic Resources									
Ephemeral	-	Perennial	-	Marine	-	None	Y		
Opportunistic Observations									
Scratches (Type)				-					
Diggings (Type)				-					
Nests (Type)				-					
Hollow Use (Species)				-					
Scats (Type)				-					
Fauna at site				Cryptobletharus pulcher Lygisorus foliorum Pheasant Coucal Noisy Friarbird Brown Honeyeater Toressian Crow					


Habitat Value Ranking: High – Very High

SITE NUMBER	H 41								
Location									
Type	Low eucalypt forest								
DATE	14/2/11								
RECORDER	Dan Potter								
LOCALITY	Great Keppel Island								
SITE DESCRIPTION		Mixed very low eucalypt and wattle community							
GENERAL NOTES		Exposed rocky slope very low vegetation including eucalyptus, acacia, Casuarina, xanthorrhoea.							
Exotics/Weeds		<5%	Hollow Bearing Trees	0					
Human Disturbance		N	Rocky Outcrops	N					
Mature Koala Feed Trees		N							
Vegetation Condition									
Integral	Y	Remnant	Rev6 = 8.11.10/8.12.14x2c	Regrowth	-				
Vegetation Density									
Canopy		S	Understorey	S					
Ground Cover									
Fallen Woody Debris	15%	Bark/Leaf Litter	10%	Rocks	20%	Grass/Vegetation	30%	Bare Ground	25%
Aquatic Resources									
Ephemeral	-	Perennial	-	Marine	-	None	Y		
Opportunistic Observations									
Scratches (Type)		-							
Diggings (Type)		-							
Nests (Type)		-							
Hollow Use (Species)		-							
Scats (Type)		Possum							
Fauna at site		-							


Habitat Value Ranking: High – Very High

SITE NUMBER	H 44													
Location														
Type	Eucalypt forest													
DATE	14/2/11													
RECORDER	Dan Potter													
LOCALITY	Great Keppel Island													
SITE DESCRIPTION			Eucalyptus and Lophostemon woodland											
GENERAL NOTES			Adjacent to drainage gully on steep rocky slope. Eucalyptus crebra, Lophostemon confertus, Xanthorrhoea.											
Exotics/Weeds			0%		Hollow Bearing Trees			0						
Human Disturbance			N		Rocky Outcrops			N						
Mature Koala Feed Trees			N											
Vegetation Condition														
Integral		Y	Remnant		Rev6 = 8.11.10/8.12.14x2c			Regrowth		-				
Vegetation Density														
Canopy		M			Understorey			V						
Ground Cover														
Fallen Woody Debris		5%	Bark/Leaf Litter		30%	Rocks		25%	Grass/ Vegetation		30%	Bare Ground		10%
Aquatic Resources														
Ephemeral		-	Perennial		-	Marine		-	None		Y			
Opportunistic Observations														
Scratches (Type)			-											
Diggings (Type)			-											
Nests (Type)			-											
Hollow Use (Species)			-											
Scats (Type)			-											
Fauna at site			-											


Habitat Value Ranking: High -Very High

SITE NUMBER	H 40		
Location			
Type	She-oak forest		
DATE	14/2/11		
RECORDER	Dan Potter		
LOCALITY	Great Keppel Island		
SITE DESCRIPTION		Casuarina open forest	
GENERAL NOTES		Casuarina, Corymbia, Acacia, Rock myrtle, Eucalyptus	
Exotics/Weeds	<5% - Prickly Pear	Hollow Bearing Trees	2
Human Disturbance	Y	Rocky Outcrops	N
Mature Koala Feed Trees	4		
Vegetation Condition			
Integral	-	Remnant	Y (Rev6 = 8.11.10/8.12.14x2c)
		Regrowth	-
Vegetation Density			
Canopy	M	Understorey	S
Ground Cover			
Fallen Woody Debris	20%	Bark/Leaf Litter	10%
Rocks	0%	Grass/Vegetation	50%
Bare Ground	20%		
Aquatic Resources			
Ephemeral	-	Perennial	-
Marine	-	None	Y
Opportunistic Observations			
Scratches (Type)	-		
Diggings (Type)	-		
Nests (Type)	-		
Hollow Use (Species)	-		
Scats (Type)	Possum		
Fauna at site	-		


Habitat Value Ranking: High – Very High

SITE NUMBER	H 61								
Location									
Type	Eucalypt forest								
DATE	15/2/11								
RECORDER	Dan Potter								
LOCALITY	Great Keppel Island								
SITE DESCRIPTION		Mixed Eucalyptus open woodland with Banksia, Cocky Apple and Grevillea species.							
GENERAL NOTES		Large E. clarksoniana and Corymbia tessellaris with numerous hollow.							
Exotics/Weeds	0%	Hollow Bearing Trees	3						
Human Disturbance	N	Rocky Outcrops	N						
Mature Koala Feed Trees	3								
Vegetation Condition									
Integral	-	Remnant	Y (Rev6 = 8.2.8a)	Regrowth	-				
Vegetation Density									
Canopy	M	Understorey	M						
Ground Cover									
Fallen Woody Debris	30%	Bark/Leaf Litter	30%	Rocks	0%	Grass/Vegetation	40%	Bare Ground	0%
Aquatic Resources									
Ephemeral	-	Perennial	-	Marine	-	None	Y		
Opportunistic Observations									
Scratches (Type)				-					
Diggings (Type)				-					
Nests (Type)				-					
Hollow Use (Species)				-					
Scats (Type)				-					
Fauna at site				-					


Habitat Value Ranking: High - Very High

SITE NUMBER	H 63								
Location									
Type	Eucalypt forest								
DATE	15/2/11								
RECORDER	Dan Potter								
LOCALITY	Great Keppel Island								
SITE DESCRIPTION		Lemon scented Gum and Ironbark Forest							
GENERAL NOTES									
Exotics/Weeds	5% - Prickly Pear	Hollow Bearing Trees	3						
Human Disturbance	N	Rocky Outcrops	N						
Mature Koala Feed Trees	18								
Vegetation Condition									
Integral	Y	Remnant	Rev6 = 8.2.8a	Regrowth	-				
Vegetation Density									
Canopy	M	Understorey	S						
Ground Cover									
Fallen Woody Debris	20%	Bark/Leaf Litter	40%	Rocks	10%	Grass/Vegetation	30%	Bare Ground	0%
Aquatic Resources									
Ephemeral	-	Perennial	-	Marine	-	None	Y		
Opportunistic Observations									
Scratches (Type)	-								
Diggings (Type)	-								
Nests (Type)	-								
Hollow Use (Species)	-								
Scats (Type)	-								
Fauna at site	-								


Habitat Value Ranking: High - Very High

SITE NUMBER	H 35			
Location	Area 7			
Type	Gully			
DATE	17/2/11			
RECORDER	Amy Prowd			
LOCALITY	Great Keppel Island			
				
			SITE DESCRIPTION	
			Scrub gully with Lophostemon confertus forest up to gully edge.	
			GENERAL NOTES	
Exotics/Weeds	0%	Hollow Bearing Trees	0	
Human Disturbance	N	Rocky Outcrops	N	
Mature Koala Feed Trees	19			
Vegetation Condition				
Integral	Y	Remnant	Rev6 = 8.11.10/8.12.14x2c	
Regrowth	-			
Vegetation Density				
Canopy	M	Understorey	S	
Ground Cover				
Fallen Woody Debris	20%	Bark/Leaf Litter	15%	
Rocks	35%	Grass/Vegetation	30%	
Bare Ground	0%			
Aquatic Resources				
Ephemeral	Y (see below)	Perennial	-	
Marine	-	None	-	
Opportunistic Observations				
Scratches (Type)	-			
Diggings (Type)	-			
Nests (Type)	-			
Hollow Use (Species)	-			
Scats (Type)	Goat			
Fauna at site	<i>Ctenotus robusta</i> <i>Cryptobletharus pulcher</i> <i>Pseudophryne ravenii</i> (Full list see Area 7)			
Waterway Assessment				
Stream Order	1	Water Permanency	Ephemeral	
Rain in last week?	Y			
Watercourse Form				
Ephemeral	Ephemeral incised	Ephemeral some rounding	Ephemeral minor deposits some ponding	
			Permanent water present	
Aquatic Vegetation				
Terrestrial vegetation same as surrounding environment			Y	
Ground and canopy species associated with wetter environs (eg ferns, brush box)			Y	
Riparian vegetation (eg Melaleuca, Waterhousea)			N	
Aquatic obligates			N	
Habitat Features (Permanent water only)				
Banks suitable for burrowing species (eg platypus, crabs)			N	
Coarse woody debris in stream			Y	
Riffles/runs			N	
Pools			Y	
Overhanging vegetation			Y	
Stagnant water present			-	
Appears flushed			-	
Aquatic/semi aquatic fauna observations				


Habitat Value Ranking: High - Very High

SITE NUMBER	H 41 F								
Location	Near Area 6								
Type	Eucalypt forest								
DATE	17/2/11								
RECORDER	Amy Prowd								
LOCALITY	Great Keppel Island								
SITE DESCRIPTION		Corymbia tessellaris and Acacia woodland							
GENERAL NOTES									
Exotics/Weeds	30% weedy shrub layer	Hollow Bearing Trees	1 stag						
Human Disturbance	Y	Rocky Outcrops	N						
Mature Koala Feed Trees	5								
Vegetation Condition									
Integral	-	Remnant	Y (Rev6 = 8.11.10/8.12.14x2c)	Regrowth	-				
Vegetation Density									
Canopy	M	Understorey	M						
Ground Cover									
Fallen Woody Debris	30%	Bark/Leaf Litter	5%	Rocks	0%	Grass/Vegetation	60%	Bare Ground	5%
Aquatic Resources									
Ephemeral	-	Perennial	-	Marine	-	None	Y		
Opportunistic Observations									
Scratches (Type)		-							
Diggings (Type)		-							
Nests (Type)		-							
Hollow Use (Species)		-							
Scats (Type)		-							
Fauna at site		Goat Sunbird Varied Triller Noisy Friarbird							


Habitat Value Ranking: Moderate - High

SITE NUMBER	H 42 F		
Location	Disturbance footprint		
Type			
DATE	17/2/11		
RECORDER	Amy Prowd		
LOCALITY	Great Keppel Island		
SITE DESCRIPTION		Melaleuca dealbata, Corymbia tessellaris and Alphitonia excelsa	
GENERAL NOTES			
Exotics/Weeds	50% Lantana	Hollow Bearing Trees	0
Human Disturbance	Y	Rocky Outcrops	N
Mature Koala Feed Trees	7		
Vegetation Condition			
Integral	-	Remnant	Y (Rev6 = 8.11.10/8.12.14x2c)
		Regrowth	-
Vegetation Density			
Canopy	M	Understorey	D
Ground Cover			
Fallen Woody Debris	15%	Bark/Leaf Litter	5%
		Rocks	0%
		Grass/Vegetation	80%
		Bare Ground	0%
Aquatic Resources			
Ephemeral	-	Perennial	-
		Marine	-
		None	Y
Opportunistic Observations			
Scratches (Type)	-		
Diggings (Type)	-		
Nests (Type)	-		
Hollow Use (Species)	-		
Scats (Type)	-		
Fauna at site	Sunbird Bush thick knee		


Habitat Value Ranking: Moderate - High

SITE NUMBER	H 43 F								
Location	Disturbance Footprint								
Type	Melaleuca forest								
DATE	17/2/11								
RECORDER	Amy Prowd								
LOCALITY	Great Keppel Island								
									
SITE DESCRIPTION	Melaleuca dominated								
GENERAL NOTES									
Exotics/Weeds	60% Lantana	Hollow Bearing Trees	0						
Human Disturbance	N	Rocky Outcrops	N						
Mature Koala Feed Trees	4								
Vegetation Condition									
Integral	-	Remnant	Y (Rev6 = 8.3.13c)	Regrowth	-				
Vegetation Density									
Canopy	S	Understorey	D						
Ground Cover									
Fallen Woody Debris	10%	Bark/Leaf Litter	5%	Rocks	0%	Grass/Vegetation	75%	Bare Ground	0%
Aquatic Resources									
Ephemeral	-	Perennial	-	Marine	-	None	Y		
Opportunistic Observations									
Scratches (Type)				-					
Diggings (Type)				-					
Nests (Type)				-					
Hollow Use (Species)				-					
Scats (Type)				-					
Fauna at site				-					

Habitat Value Ranking: High – Very High


SITE NUMBER	H 51 F								
Location	Area 10								
Type	Melaleuca forest								
DATE	17/2/11								
RECORDER	Amy Prowd								
LOCALITY	Great Keppel Island								
SITE DESCRIPTION		Melaleuca dealbata and Allocasuarina littoralis low lying area.							
GENERAL NOTES									
Exotics/Weeds		5% Lantana	Hollow Bearing Trees		1				
Human Disturbance		Y minor	Rocky Outcrops		N				
Mature Koala Feed Trees		2							
Vegetation Condition									
Integral	-	Remnant	Y (Rev6 = 8.2.7e)	Regrowth	-				
Vegetation Density									
Canopy		S		Understorey	S				
Ground Cover									
Fallen Woody Debris	5%	Bark/Leaf Litter	40%	Rocks	0%	Grass/ Vegetation	50%	Bare Ground	5%
Aquatic Resources									
Ephemeral	-	Perennial	-	Marine	-	None	Y		
Opportunistic Observations									
Scratches (Type)			-						
Diggings (Type)			-						
Nests (Type)			-						
Hollow Use (Species)			-						
Scats (Type)			Possum						
Fauna at site			Refer to list for Area 10						

Habitat Value Ranking: Moderate -High

SITE NUMBER	H 115		
Location			
Type	Melaleuca swamp		
DATE	17/2/11		
RECORDER	Dan Potter		
LOCALITY	Great Keppel Island		
SITE DESCRIPTION		Melaleuca swamp over bracken fern	
GENERAL NOTES			
Exotics/Weeds	<5%	Hollow Bearing Trees	2
Human Disturbance	N	Rocky Outcrops	N
Mature Koala Feed Trees	1		
Vegetation Condition			
Integral	Y	Remnant	Rev6 = 8.3.13c
		Regrowth	-
Vegetation Density			
Canopy	M	Understorey	M
Ground Cover			
Fallen Woody Debris	10%	Bark/Leaf Litter	85%
Rocks	0%	Grass/Vegetation	35%
Bare Ground	0%		
Aquatic Resources			
Ephemeral	Y#	Perennial	-
Marine	-	None	-
Opportunistic Observations			
Scratches (Type)	-		
Diggings (Type)	-		
Nests (Type)	-		
Hollow Use (Species)	-		
Scats (Type)	-		
Fauna at site	-		


Stream dry at present but subject to periodic inundation.

Habitat Value Ranking: High – Very High

SITE NUMBER	H 139										
Location											
Type	Eucalypt forest										
DATE	17/2/11										
RECORDER	Dan Potter										
LOCALITY	Great Keppel Island										
SITE DESCRIPTION			Corymbia clarksoniana open forest with dense vine understorey								
GENERAL NOTES			Gentle slope down to creek.								
Exotics/Weeds		<5%			Hollow Bearing Trees		6				
Human Disturbance		N			Rocky Outcrops		N				
Mature Koala Feed Trees		5									
Vegetation Condition											
Integral		-		Remnant		Y (Rev6 = 8.11.10/8.12.14x2c)		Regrowth		-	
Vegetation Density											
Canopy		M				Understorey		M			
Ground Cover											
Fallen Woody Debris	5%	Bark/Leaf Litter	5%	Rocks	0%	Grass/Vegetation	90%	Bare Ground	0%		
Aquatic Resources											
Ephemeral	Y#	Perennial	-	Marine	-	None	-				
Opportunistic Observations											
Scratches (Type)				-							
Diggings (Type)				-							
Nests (Type)				Medium sized twig nest in eucalyptus.							
Hollow Use (Species)				-							
Scats (Type)				-							
Fauna at site				-							


small gully at the base of the slope with a minor tributary.

Habitat Value Ranking: High - Very High


SITE NUMBER	H 165								
Location	Lighthouse headland								
Type	Rocky coastal headland								
DATE	18/2/11								
RECORDER	Dan Potter								
LOCALITY	Great Keppel Island								
									
		SITE DESCRIPTION	Grassland						
		GENERAL NOTES	Exposed headland						
		Exotics/Weeds	0%	Hollow Bearing Trees	0				
		Human Disturbance	Y – Track and helipad	Rocky Outcrops	Y- Cliffs along edge of headland				
Mature Koala Feed Trees	N								
Vegetation Condition									
Integral	-	Remnant	Y (Rev6 = 8.11.9a)	Regrowth	-				
Vegetation Density									
Canopy	Absent		Understorey	Absent					
Ground Cover									
Fallen Woody Debris	0%	Bark/Leaf Litter	0%	Rocks	50%	Grass/Vegetation	50%	Bare Ground	0%
Aquatic Resources									
Ephemeral	-	Perennial	-	Marine	-	None	Y		
Opportunistic Observations									
Scratches (Type)	-								
Diggings (Type)	-								
Nests (Type)	-								
Hollow Use (Species)	-								
Scats (Type)	-								
Fauna at site	-								

Habitat Value Ranking: Moderate - High


HABITAT ASSESSMENT
EMU PARK LANDING SITE
JANUARY 2011

SITE NUMBER	H 1								
Location	Potential Services Landing								
Type	Marine Tidal Beach								
DATE	3/02/2011								
RECORDER	Amy Prowd								
LOCALITY	Emu Park								
SITE DESCRIPTION		Mangrove/marine interface							
GENERAL NOTES		Directly east from Ritmada Road – approximate location for pipeline to Great Keppel Island.							
Exotics/Weeds	0%	Hollow Bearing Trees	0						
Human Disturbance	Y - boating	Rocky Outcrops	N						
Mature Koala Feed Trees	0								
Vegetation Condition									
Integral	Y	Remnant	Y (RE v 6.0 = 8.2.8a)	Regrowth	-				
Vegetation Density									
Canopy	M	Understorey	absent						
Ground Cover									
Fallen Woody Debris	0%	Bark/Leaf Litter	0%	Rocks	0%	Grass/Vegetation	0%	Bare Ground	100%
Aquatic Resources									
Ephemeral	-	Perennial	-	Marine	Y	None	-		
Opportunistic Observations									
Scratches (Type)	-								
Diggings (Type)	-								
Nests (Type)	-								
Hollow Use (Species)	-								
Scats (Type)	-								
Fauna at site	Small birds present in mangroves. Marine fauna present (including crabs and mudskippers). Surveyed at low tide – no waders were observed however there does appear to be wader habitat present.								

Habitat Value Ranking: High

SITE NUMBER	H 2								
Location	Potential Services Landing								
Type	Marine Tidal Beach								
DATE	3/02/2011								
RECORDER	Amy Prowd								
LOCALITY	Emu Park								
SITE DESCRIPTION		Mangrove/beach interface							
GENERAL NOTES		Directly east from Ritmada Road – approximate location for pipeline to Great Keppel Island.							
Exotics/Weeds	50%	Hollow Bearing Trees	0						
Human Disturbance	Y - litter	Rocky Outcrops	N						
Mature Koala Feed Trees	0								
Vegetation Condition									
Integral	-	Remnant	Y (RE v 6.0 = 8.2.8a)	Regrowth	-				
Vegetation Density									
Canopy	M	Understorey	D						
Ground Cover									
Fallen Woody Debris	10%	Bark/Leaf Litter	5%	Rocks	0%	Grass/Vegetation	25%	Bare Ground	60%
Aquatic Resources									
Ephemeral	-	Perennial	-	Marine	Y – tidal influence	None	-		
Opportunistic Observations									
Scratches (Type)	-								
Diggings (Type)	Crabs								
Nests (Type)	-								
Hollow Use (Species)	-								
Scats (Type)	-								
Fauna at site	Bar Shouldered Dove								

Habitat Value Ranking: Moderate

SITE NUMBER	H 3											
Location	Potential Services Landing											
Type	Marine Tidal Beach											
DATE	3/02/2011											
RECORDER	Amy Prowd											
LOCALITY	Emu Park											
SITE DESCRIPTION			Terrestrial vegetation directly behind the beach									
GENERAL NOTES			Directly east from Ritmada Road – approximate location for pipeline to Great Keppel Island.									
Exotics/Weeds		60%			Hollow Bearing Trees			0				
Human Disturbance		Y – powerline and road			Rocky Outcrops			N				
Mature Koala Feed Trees		Y - 6										
Vegetation Condition												
Integral	-		Remnant	Y (RE v 6.0 = 8.2.8a)			Regrowth	-				
Vegetation Density												
Canopy		V			Understorey			D				
Ground Cover												
Fallen Woody Debris	0%		Bark/Leaf Litter	0%		Rocks	0%		Grass/ Vegetation	100%		
									Bare Ground	0%		
Aquatic Resources												
Ephemeral	-		Perennial	-			Marine	-		None	Y	
Opportunistic Observations												
Scratches (Type)			-									
Diggings (Type)			-									
Nests (Type)			-									
Hollow Use (Species)			-									
Scats (Type)			-									
Fauna at site			White-breasted wood swallow, White-chinned Honeyeater, Birds of prey overhead.									

Habitat Value Ranking: Low