

09 October 2024

ML106 STP18FI

Ground Truthing – Access Track to STP18FI

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<b>Site</b>	ML106 STP18FI
<b>Clearing Permit</b>	CPS3472/ CPS4506
<b>GPS Coordinates</b>	8838809N 570671E
<b>Native Vegetation</b>	Nephrolepis biserrata Schefflera elliptica
<b>Weed Species</b>	Leucaena leucocephala Muntingia calabura Varronia curassavica Other Weed Species
<b>Vegetation Rating</b>	Completely Degraded (6)



<b>Site</b>	ML106 STP18FI
<b>Clearing Permit</b>	CPS3472/ CPS4506
<b>GPS Coordinates</b>	8838808N 570685E
<b>Native Vegetation</b>	Maclura cochinchinensis Microsorium scolopendria Nephrolepis biserrata
<b>Weed Species</b>	Leucaena leucocephala Muntingia calabura Varronia curassavica Psidium guajava
<b>Vegetation Rating</b>	Degraded (5)



<b>Site</b>	ML106 STP18FI
<b>Clearing Permit</b>	CPS3472/ CPS4506
<b>GPS Coordinates</b>	8838814N 570696E
<b>Native Vegetation</b>	Maclura cochinchinensis Microsorium scolopendria Nephrolepis biserrata Arenga listeri Dysoxylum gaudichaudianum Planchonella nitida Tristiropsis acutangula
<b>Weed Species</b>	Leucaena leucocephala
<b>Vegetation Rating</b>	Good (4)



<b>Site</b>	ML106 STP18FI
<b>Clearing Permit</b>	CPS3472/ CPS4506
<b>GPS Coordinates</b>	8838813N 570656E
<b>Native Vegetation</b>	<i>Nephropelis biserrata</i>
<b>Weed Species</b>	<i>Muntingia calabura</i> Other Weed Species
<b>Vegetation Rating</b>	Completely Degraded (6)



Site	ML106 STP18FI
Clearing Permit	CPS3472/ CPS4506
GPS Coordinates	8838824N 570643E
Native Vegetation	Nephropelis biserrata
Weed Species	Muntingia calabura Other Weed Species
Vegetation Rating	Completely Degraded (6)



<b>Site</b>	ML106 STP18FI
<b>Clearing Permit</b>	CPS3472/ CPS4506
<b>GPS Coordinates</b>	8838842N 570627E
<b>Native Vegetation</b>	Nephropelis biserrata Macaranga tanarius
<b>Weed Species</b>	Psidium guajava Leucaena leucocephala Muntingia calabura Other Weed Species
<b>Vegetation Rating</b>	Completely Degraded (6)



<b>Site</b>	ML106 STP18FI
<b>Clearing Permit</b>	CPS3472/ CPS4506
<b>GPS Coordinates</b>	8838803N 570638E
<b>Native Vegetation</b>	Nephropelis biserrata
<b>Weed Species</b>	Psidium guajava Varronia curassavica Other Weed Species
<b>Vegetation Rating</b>	Completely Degraded (6)

Condition Rating	Keighery Definition	Christmas Island Definition
Pristine (1)	Pristine or nearly so, no obvious signs of disturbance	Mature, undisturbed rainforest or very advanced secondary regrowth. Disturbance is limited to cyclone damage. Climax species dominate and full structural complexity is present with epiphytic orchids and ferns, terrestrial orchids and ferns, <i>Pandanus</i> , palms, buttressing and woody lianas
Excellent (2)	Vegetation structure intact, disturbance affecting individual species and weeds are non-aggressive species	Little to no weed species and a largely intact landform with few signs of disturbance. The vegetation structure is beginning to develop the full complexity and diversity expected in rainforest, with climax species present and a range of features included such as buttressing, palms, ferns, epiphytes and orchids, but the canopy is likely to be more open than in undisturbed rainforest
Very Good (3)	Vegetation structure altered, obvious signs of disturbance. For example, disturbance to vegetation structure caused by repeated fires, the presence of some more aggressive weeds, dieback, logging and grazing	Low diversity vegetation with few signs of disturbance or moderately diverse vegetation on a disturbed landform, a canopy dominated by pioneer species through recruitment of climax species may be evident, an open canopy or poor structural complexity. Few weeds present or weeds are limited to less aggressive species.
Good (4)	Vegetation structure significantly altered by very obvious signs of multiple disturbance. Retains basic vegetation structure or ability to regenerate it. For example, disturbance to vegetation structure caused by very frequent fires, the presence of some very aggressive weeds at high density, partial clearing, dieback and grazing	Multiple signs of disturbance or with low diversity and no structural complexity. Typically displays little to no recruitment of climax tree species. Numerous weeds present or a dense understory dominated by one or two native fern species
Degraded (5)	Basic vegetation structure severely impacted by disturbance. Scope for regeneration but not to a state approaching good condition without intensive management. For example, disturbance to vegetation structure caused by very frequent fires, the presence of very aggressive weeds, partial clearing, dieback and grazing	Vegetation at very early successional stages with a canopy of one to two species and an understory dominated by ferns or weeds, typically adjacent to completely degraded land. May have the potential to develop into better quality vegetation as the canopy develops if weeds are managed
Completely degraded (6)	The structure of the vegetation is no longer intact, and the area is completely or almost completely without native species. These areas are often described as 'parkland cleared' with the flora comprising weed or crop species with isolated native trees or shrubs	The structures of primary rainforest are no longer present and native species are limited to only a few species, for example weed dominated shrubland with sparse emergent <i>Macaranga</i> or a near monoculture <i>Nephrolepis bierrata</i> fernland. The landscape may be highly disturbed, often with significantly reduced soil and pinnacles exposed. Predominantly lacking a native canopy and with little to no potential to develop one due to dense groundcover of shallow soil