



Land unit and threatened species habitat verification

TOTAL EREN AUSTRALIA H2



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1 INTRODUCTION

Total Eren H2 Pty Ltd engaged EcOz Environmental Consultants (EcOz) to undertake ecological surveys to support an environmental approval application for a proposed solar farm on Koolpinyah Station, approximately 40 km south-east of Darwin in the Northern Territory (NT). Three of the studies required across the study area were (a) verification of land unit¹ mapping, (b) quantification of habitat quality for key threatened mammals, and (c) preliminary Darwin Cycad mapping. These studies were undertaken concurrently in late 2024.

The purpose of this report is to describe the method and results of the surveys. The updated land unit map will be included within the overarching ecology report for the project; the habitat quality assessment data feeds into a woodland fauna constraints mapping report and will also be used to inform biodiversity offset calculations.

2 METHOD

2.1 Land unit verification

The land unit mapping relevant to this project was undertaken by Fogarty et al. (1984)² and Lynch (1985) at a scale of 1:25,000. Within the study area, 27 types of land units are mapped – these are summarised in Table 3-2, and their extents shown in Figure 2-1 and Figure 2-2. Most of the study area comprises plains (43%) and rises (33%), interspersed with drainage systems (11%) and low hills (10%). Alluvial plains, swamps and ‘marine’ (here referring to the western Adelaide River floodplain) comprise the remaining area.

To ground-truth the verification of mapped land units, vegetation, soil and landform attributes were collected by EcOz between October and December 2024 across the study area (Figure 2-1, Figure 2-2). At each site, a 20 x 20 m quadrat was assessed to National Vegetation Information System (NVIS) Level 5 (association) with a minimum of three dominant species per stratum (upper, mid and ground) recorded. A height range and percentage cover for each dominant species was recorded, in addition to the vegetation community class of the stratum (e.g. open woodland). Surface soil composition was assessed, with the following attributes collected: soil colour, a broad description of soil type, drainage and the presence of rock outcropping. General landform information – including a slope, aspect and disturbance – was also collected at each site.

Upon completion of the ground survey, site data were compared to the land unit descriptions. Survey sites were considered to match their nominal land unit when recorded landform, slope, drainage, dominant species and vegetation composition were consistent with the land unit description. Where one or more elements were inconsistent with the nominal land unit, the site data were assessed against adjacent land units – and other land units within the same class – to determine if a different land unit more closely matched. Where a land unit could not confidently be assigned based on values collected, it was assigned to a ‘Partial’ match category.

This process was undertaken acknowledging that there is likely to be variation within land units, and that sites may represent an ecotone or transitional zone between two or more vegetation communities (Brocklehurst et. al. 2007). The impact of fire and disturbance at each site was also factored into the assessment.

¹ A land unit is a reasonably homogenous part of a land surface, distinct from surrounding terrain with consistent properties in landform, soil and vegetation (Jessop & King 1997). As such, each land unit has a characteristic pattern on aerial imagery. Their scale is useful for identifying habitat features that may support threatened species and sensitive vegetation types.

² As compiled in the dataset: GTRDWN Land Resources of the Elizabeth, Darwin and Blackmore Rivers – Greater Darwin Area, Northern Territory (2010)

Where possible, refinement of land unit boundaries was completed using aerial imagery and field data. Where a land unit was altered, changes were limited to land units that had an obvious visual boundary across multiple aerial images.

Due to the size of the study area, and the number of discrete land unit areas that occur within it, the boundaries of land units were not assessed on the ground, and data were collected as a series of discrete points. As a result, at sites where the vegetation was assessed as more closely conforming to a different land unit, if aerial imagery did not contain a substantial difference in vegetation composition, slope or landform, it was not considered appropriate to refine the mapping.

Soil data collected in the field were limited to surface soil attributes and landform characteristics, and detailed soil descriptions were not undertaken. As a result, land units were primarily assessed against vegetation, landform and drainage. This is considered appropriate in this instance to broadly compare nominal land units against field data, as per Brocklehurst et al. (2007); the classification of soil is not a mandatory requirement for vegetation survey and mapping.

2.2 Threatened species habitat mapping

To support the assessment of habitat suitability for two threatened mammal species that have been recorded in the study area – Northern Brushtail Possum and Black-footed Tree-rat – species-specific habitat values were collected by EcOz at each vegetation check site.

The habitat data collected is necessary to identify, map and characterise (e.g. from a habitat quality perspective) threatened species' habitat within each land unit, and the differences in quality/condition of habitat across the study area. The habitat mapping informs the design of the project through the application of the mitigation hierarchy (avoid, minimise, offset) to the project, the assessment of the significance of any residual significant impacts, and loss/gain accounting under the Commonwealth environmental offsets policy (if required).

The data collected during the habitat assessment incorporated a suite of attributes – including the presence, quantity and condition of habitat features known, or predicted, to influence the occurrence of the relevant threatened species. Specifically, the data aimed to capture the suite of 'site-level' denning / shelter, foraging and breeding habitat attributes required by Black-footed Tree-rat and Northern Brushtail Possum, as outlined in policy documents such as species' Conservation Advice (TSSC 2015, TSSC 2021).

The following provides a summary of the data collected within a 50 x 50 m quadrat co-located with each 20 x 20 m vegetation mapping quadrat:

- Presence and density of large trees – any tree species meeting the threshold of 30 cm diameter at breast height (DBH) or above was recorded. Tree species, health status (live or dead), and DBH were recorded.
- Presence and counts of hollows³ were recorded from ground-level. Data recorded include tree species, health status (live or dead), hollow size category (small = < 10 cm diameter, medium = 10 to 20 cm, and large > 20 cm) and counts.
- Diversity, structure and cover (%) of fruiting / flowering midstorey flora species, and the presence of mistletoe – the cover and structure categories follow those identified in Brocklehurst et al. (2007).
- The amount (count) and cover % of mature⁴ *Pandanus spiralis* (which provide foraging and shelter resources).

³ Limitations associated with conducting hollow counts from the ground are acknowledged and likely represent a fraction of the number of hollows present within some trees.

⁴ Mature *Pandanus* were defined as plants with stems greater than 130 cm tall.

- Ground layer characteristics – including the type and cover of understorey species, leaf litter depth and cover, logs, rock outcropping etc.

Data on threatening processes (e.g. the presence, cover and density of weeds, fire history and signs of feral animals) were recorded within the 50 m x 50 m quadrats, and incidental records of weeds and feral animals were collected while traversing the site. Methods associated with each are outlined below:

- Weeds – data collection followed the *NT Weed Data Collection Guidelines* (WMB 2015) with the following information collected at each detailed or incidental survey site: species, photographs and infestation level based on the size (diameter) and density. The survey focused on weed species declared under the NT Weeds Management Act or high-risk environmental weeds. A hand-held GPS unit was used to record a corresponding GIS coordinate for each weed record. Density categories used in the assessment are:
 - A = Absent, no weeds of this species in this area.
 - B = < 1%, Very few, not many weeds – e.g. single plant, perhaps with seedlings.
 - C = 1 -10%, More than one or two isolated plants but not a lot – e.g. a few small plants.
 - D = 11-50%, A lot, up to half the area covered – e.g. a tree, dense patches of weeds.
 - E = > 50%, Dominant cover is weed, more than half covered – e.g. thickets, monocultures.
- Feral animals – observations of feral animal species (e.g. pigs, buffalo, horse) and the severity of impacts were recorded at each survey site. Severity of impacts was recorded on a scale of zero (i.e. no observations of uprooting, trampling or grazing impacts and no scats) to five (loss of understorey vegetation, increased occurrence of bare ground from uprooting / wallows, erosion, weed invasion from assisted dispersal etc).
- Fire – impacts of fire were recorded on a scale of zero to five, with zero being no visible signs of fire (no fire scars, high leaf litter cover and depth, logs on ground, good structure in all strata) to five being severely impacted (dominated by annual grasses, reduced complexity in structure and species diversity).

2.3 Cycad mapping

The Darwin Cycad (*Cycas armstrongii*) is a small to medium-sized cycad with a slender trunk listed as Vulnerable under NT legislation. The Darwin Cycad occurs in open grassy woodlands where adequate drainage appears to be a limiting factor (Liddle 2009). It also occurs on rocky outcrops, undulating hills and plains (Kerrigan et al. 2006). Prime cycad habitat has deep loamy, well-drained soil and the species is frequently associated with *Eucalyptus miniata* and *Eucalyptus tetradonta* (Liddle 2009).

The NT Government considers Darwin Cycad densities of 400 to 700 mature stems per hectare to be high density, and more than 700 mature stems per hectare to be very high density. High and very high density stands of cycads are important for maintaining the species' diversity and function (Stokeld et al. 2020).

To obtain a preliminary understanding of Darwin Cycad presence and extent within the study area, the number of mature cycad stems (> 50 cm tall) was recorded within each 20 x 20 m vegetation check site.

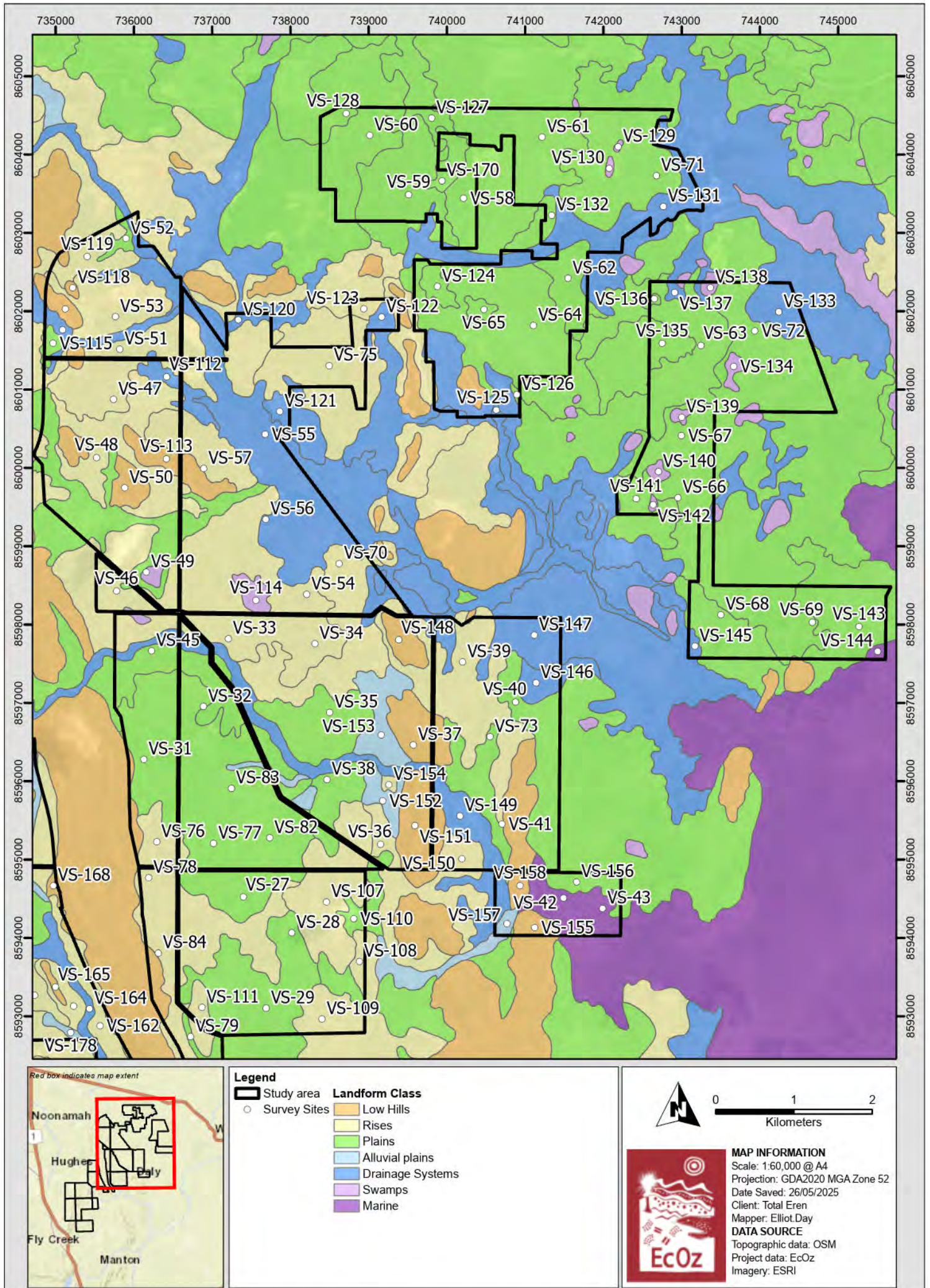


Figure 2-1. Map of vegetation survey sites (north east)

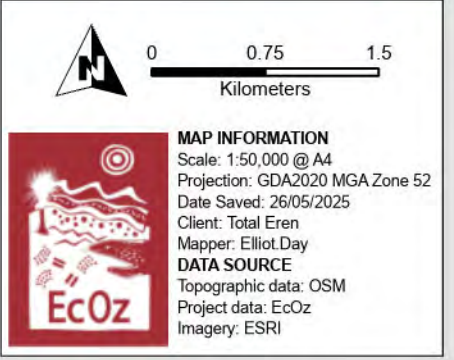
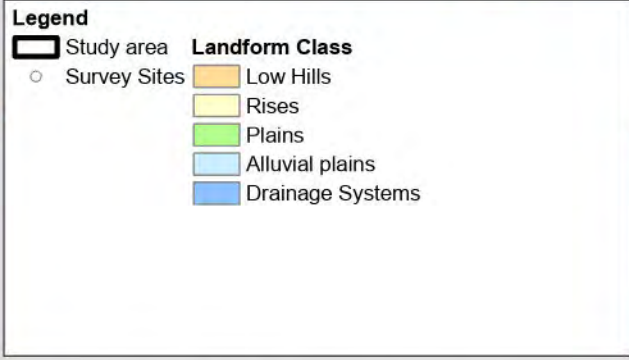
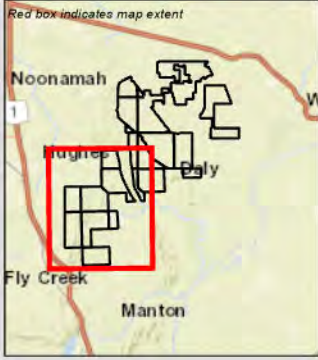
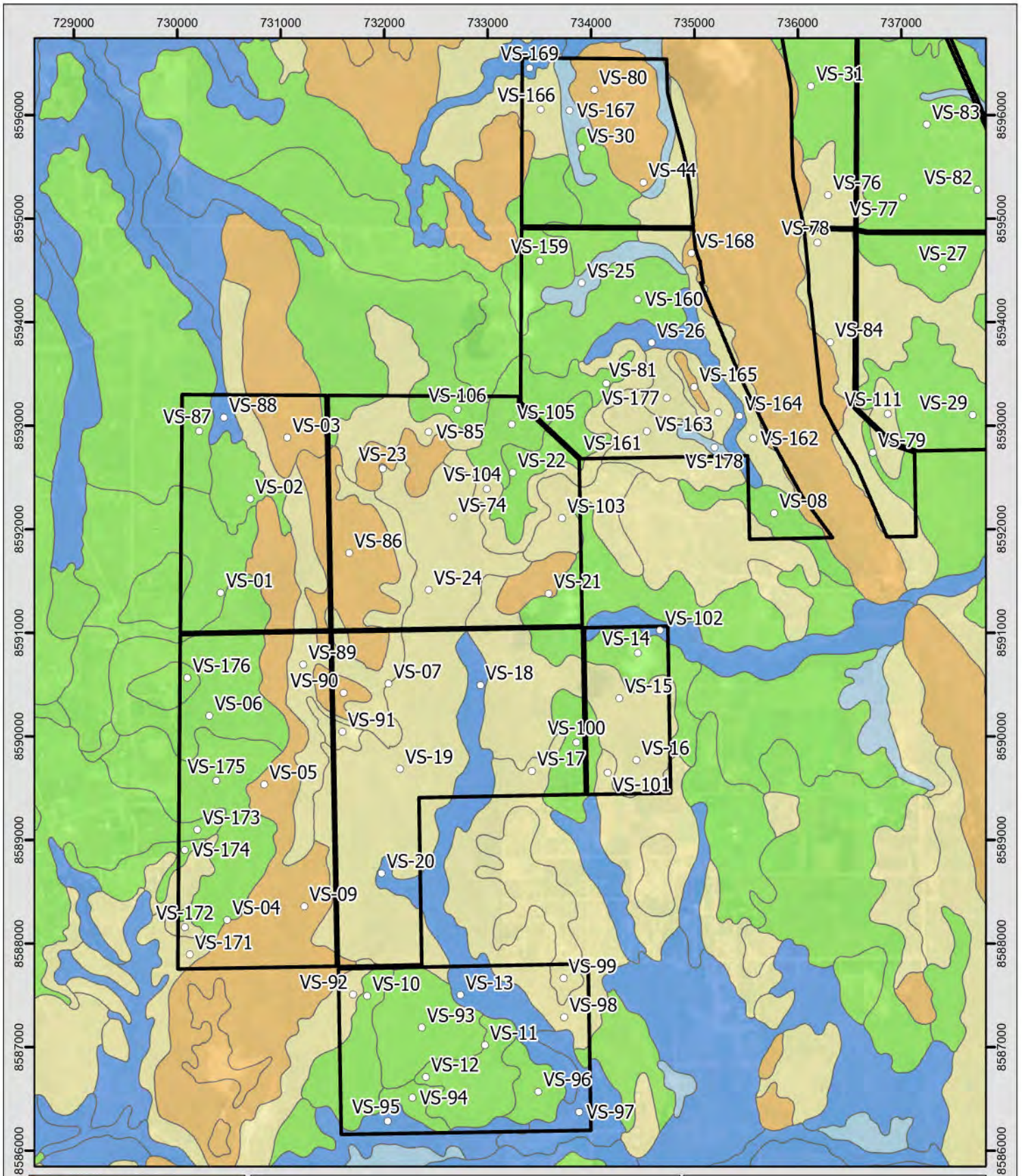


Figure 2-2. Map of vegetation survey sites (south west)

3 RESULTS

3.1 Land unit verification

A total of 178 sites were visited within the study area, comprising 26 of the 27 landforms mapped (see Figure 3-1 for indicative photographs of each landform class), and 140 of the 175 individual land units that occur within, or intersect, the study area. The 35 land units not visited comprised 16 land unit types and 404 ha (4.5% of the total study area). With a mean size of 11 ha, these were predominantly small patches at the edge of the study area, or riparian areas that could not be accessed. Land unit type 8a comprises approximately 1.08 ha or 0.01% of the total area within the study area and was not assessed. The full list of sites and field data collected can be found in Appendix A.

The survey indicated that land unit mapping within the study area was generally consistent with Fogarty et al. (1984) and Lynch (1985), with 156 of the 178 sites matching (105) or partially matching (51) the nominal land unit.

Table 3-1 summarises the 22 sites that were found to more closely match a different land unit. Discrepancies were related to the absence of any listed dominant species, or inappropriate slope and drainage, and were not associated with any particular land unit or location within the study area. Of the 22 sites, 12 matched an adjacent or nearby unit (indicating boundary realignment may be required), and 10 require further investigation.



Low hills (VS-155)



Rises (VS-34)



Plains / Flat (VS-174)



Alluvial plains (VS-152)



Drainage systems (VS-164)



Swamps (VS-49)



Marine (VS-43)

Figure 3-1. Indicative photographs of each landform class

Table 3-1. Sites that did not match their nominal land unit

Site	Nominal land unit	Suggested land unit	Major discrepancies	Matching adjacent unit
VS-10	3a	3e	Vegetation species, structure and drainage	No
VS17	2b2	5b2	Drainage	Yes
VS-18	5b2	2a1 / 2b1	Vegetation structure and drainage	No
VS-21	1b	4e2	Slope, vegetation species and structure	Yes
VS-26	5b1	2b1 / 5b1	Slope, drainage	Yes
VS-32	4e2	3b	On boundary of 4e2 / 3b, vegetation species and structure more closely match 3b	Yes
VS-42	8a1	8b	Vegetation species	No
VS-43	8a1	8a1 / 6a1	Vegetation, more detailed soil check required to confirm match	Yes
VS-44	1b	2b1	Landform / slope	No
VS-50	1b	2b1 / 2b2	Slope	No
VS-80	1b	2a1	Landform and drainage	No
VS-96	3c	3e	Drainage and vegetation species	No
VS-104	1c	2b2	Vegetation species	Yes
VS-113	1b	2b1	Slope	Yes
VS-117	1b	2a1c	Slope	Yes
VS-118	1b	1b / 2b2	Slope	Yes
VS-126	3c	6b	Drainage and vegetation structure (disturbed)	Yes
VS-134	8b	3c / 8b	Vegetation species	Yes
VS-139	8b	5b1/6a2	Vegetation species	No
VS-144	8a1	8b	Vegetation species	No
VS-145	6a1	4e2 / 5b1	Vegetation structure, drainage	No
VS-172	1c	1c / 6a2	Vegetation species, drainage	Yes

3.2 Land unit boundary adjustment

Based on the survey findings and assessment of aerial imagery, 46 of the 175 land unit polygons within the study area were adjusted. The changes are predominantly located where a strong visual boundary can be observed across multiple aerial images – particularly at the boundaries of land units 5b2 (drainage systems), 8a1 (floodplains) and 8b (swamps) which were refined to more closely align with slope or vegetation extent. An example of land unit boundary changes associated with a riparian corridor (land unit 5b2) is displayed in Figure 3-2. Although boundaries were shifted up to 180 m for some land units (Figure 3-2), the overall change in area within polygons was low, with a mean change of 2.3 ha and a median change of 0.9 ha. The revised land units are summarised in Table 3-2, and mapped in Figure 3-4 and Figure 3-5.



Figure 3-2. Example of land unit boundary changes along a riparian corridor

The white boundary representing the original Lynch (1985) mapping, and the purple boundary representing the adjustment

Table 3-2. Land units relevant to the study area

Differences between original and revised land unit areas are a consequence of polygon boundary revision, and excising disturbed areas. The majority of loss to disturbance is in land units 6b, 2a1, 2b2 and 1a (198 of the 255 ha).

Land unit	Landform class	Landform	Soil	Vegetation	No. survey sites	Area (ha)	
						Originally mapped	Revised
1a	Low hills	Flat hillcrests	Rudosols	Open woodland to open forest of <i>E. tetradonta</i> , <i>E. miniata</i> over annual <i>Sorghum</i> sp., <i>Heteropogon triticeus</i>	2	127.7	127.6
1b		Steep ridges		Woodland of <i>E. miniata</i> , <i>E. tectifera</i> , <i>C. foelscheana</i> over <i>Sorghum plumosum</i>	17	740.5	716.6
1c	Rises	Rises and short steep slopes	Rudosols	Woodland of <i>E. miniata</i> , <i>C. bleeseri</i> over <i>Sorghum</i> spp.	4	248.5	248.7
2a1		Rises		Open woodland of <i>E. miniata</i> , <i>E. tetradonta</i> , or <i>C. foelscheana</i> , <i>C. confertifolia</i> , <i>E. tectifera</i> over mixed grasses	16	1,069.5	1,013.4
2a2		Rises (adjacent to estuarine areas)		Tall shrubland or open forest of mixed species over sparse grasses	1	12.9	
2b1		Sideslopes		Kandosols	Open woodland to woodland of <i>E. miniata</i> , <i>E. tetradonta</i> , <i>C. foelscheana</i> , <i>E. tectifera</i> over <i>Sorghum</i> spp.	13	661.1
2b2	Low open to open woodland of mixed species over sparse grasses		15		944	915.1	
3a	Plains	Flat to gently undulating upland surfaces	Kandosols	Open Forest of <i>E. tetradonta</i> , <i>E. miniata</i> over mixed grasses	8	414.0	403.5
3b				Woodland of <i>E. miniata</i> , <i>E. tetradonta</i> over <i>Sorghum</i> spp.	9	635.4	624.6
3c		Gently undulating upland surface	Kandosols	Woodland of <i>E. miniata</i> , <i>E. tetradonta</i> over <i>Sorghum</i> spp.	12	681.7	675.0

Land unit	Landform class	Landform	Soil	Vegetation	No. survey sites	Area (ha)	
						Originally mapped	Revised
3d			Rudosols	Open woodland of <i>E. miniata</i> over Sorghum spp.	4	117.2	117.3
3e		Flat to gently undulating upland surface	Hydrosols	Woodland of <i>C. polycarpa</i> , <i>Erythrophleum chlorostachys</i> over mixed grasses; wet season watertable	2	28.7	
4a		Gentle lower slopes	Hydrosols	Open woodland of <i>C. polycarpa</i> , <i>Lophostemon lactifluus</i> over <i>Themeda triandra</i> , <i>Eriachne burkittii</i> ; wet season watertable	4	138.6	
4b				Open woodland of <i>C. polycarpa</i> over mixed grasses; wet season watertable	7	375.1	376.6
4c				Open forest of Eucalyptus spp. over mixed grasses; wet season watertable	2	60.5	
4e1		Sloping margins to upland plateau surface	Kandosols	Woodland to open forest of mixed species including <i>E. miniata</i> , <i>Acacia auriculiformis</i> , <i>C. papuana</i> over mixed shrubs - labelled in DEPWS (2010) as monsoon vine thickets ⁵	4	341.7	339.9
4e2			Hydrosols	Low shrubland to low woodland of <i>Corymbia bella</i> , <i>Grevillea pteridifolia</i> , <i>Syzygium eucalyptoides</i> subsp. <i>bleeseri</i>	15	983.3	975.0
5a		Alluvial plains	Narrow upland alluvial plains	Hydrosols	Grassland of <i>Sorghum stipoideum</i> , <i>Eriachne burkittii</i> , <i>Paspalum scrobiculatum</i> with emergent trees	6	160.1
5b1		Drainage floors within upland terrain	Hydrosols	Woodland to open forest of <i>Lophostemon lactifluus</i> , <i>C. bella</i> , <i>Melaleuca viridiflora</i> over mixed grasses	4	50.7	50.9
5b2		Incised drainage floors within upland terrain		Open shrubland to open woodland of <i>C. polycarpa</i> , <i>Melaleuca</i> spp., <i>E. alba</i> over <i>Eriachne</i> spp., <i>Sorghum</i> spp.	7	264.6	259.0
6a1	Drainage systems	Broad lowland plains	Hydrosols	Grassland of mixed grasses with emergent trees	2	61.1	
6a2				Open woodland or woodland of <i>Lophostemon lactifluus</i> , <i>C. polycarpa</i> , <i>E. alba</i> , <i>Melaleuca viridiflora</i> over <i>Eriachne burkittii</i> , <i>Sorghum stipoideum</i>	3	249.7	244.6
6b				Tall shrubland to low open woodland of <i>Grevillea</i> spp., <i>Melaleuca</i> spp., <i>Lophostemon lactifluus</i> over annual <i>Sorghum</i> sp., <i>Heteropogon triticeus</i>	9	322.3	234.7

⁵ Vegetation described as 'Monsoon vine thicket' in the GTRDW survey dataset is recorded as woodland to open forest of mixed Eucalyptus and Corymbia species in source survey 'Land Resources of the Humpty Doo Area' (Lynch B.T. 1985). See Section 3.5.2 for further discussion.

Land unit	Landform class	Landform	Soil	Vegetation	No. survey sites	Area (ha)	
						Originally mapped	Revised
8a		Upland depressions and floodways		Grassland of <i>Eriachne</i> spp., annual <i>Sorghum</i> sp. with scattered trees and shrubs	0	1.1	1.3
8a1	Marine	Extensive plain	Vertosols	Grassland/sedgeland with emergent trees and small patches of samphire to low closed forest of mangrove species; wet season flooding	3	69.3	66.8
8b	Swamps	Swamp depressions	Hydrosols	Open to closed forest of <i>Melaleuca</i> spp.	7	49.5	54.6
8c		Freshwater billabongs and seasonal fringes		Sedgeland, herbland and open water	2	3.3	1.2
-	Disturbed	-	-	Significantly modified by human activity.	5	-	255.6

3.2.1 Significantly disturbed sites

Five sites within the study area were found to be significantly disturbed as a result of human activity – VS-122, VS-125, VS-126, VS-130 and VS-131 (Figure 3-3). Disturbance was generally associated with historic mining and land clearing activities, and all sites were located in the north of the study area (Figure 3-4). Although the disturbed sites all lacked the vegetation structure necessary to match their nominal land units, recruitment within the sites was generally consistent with the described vegetation.

Preliminary aerial image analysis of existing disturbance identified approximately 255 ha of significant disturbance (exclusive of roads) within the study area.



VS-122



VS-126

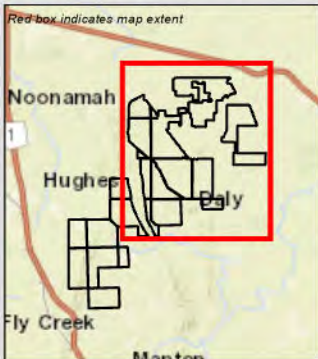
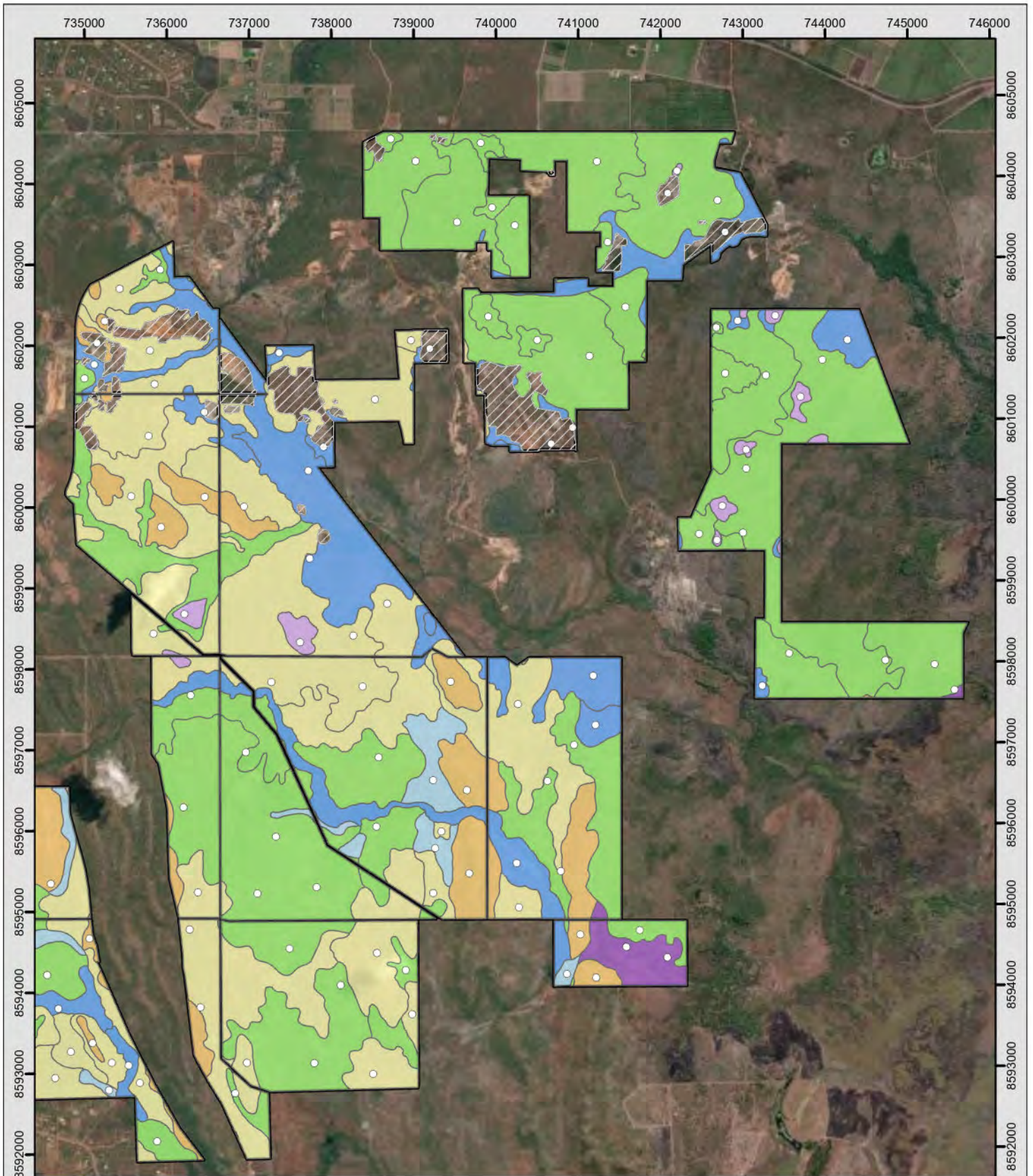


VS-130



VS-131

Figure 3-3. Photographs of highly disturbed sites



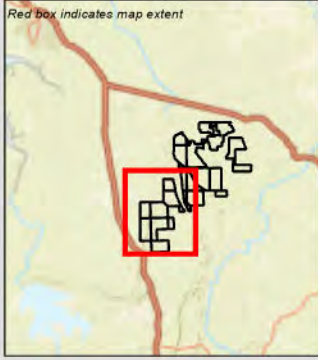
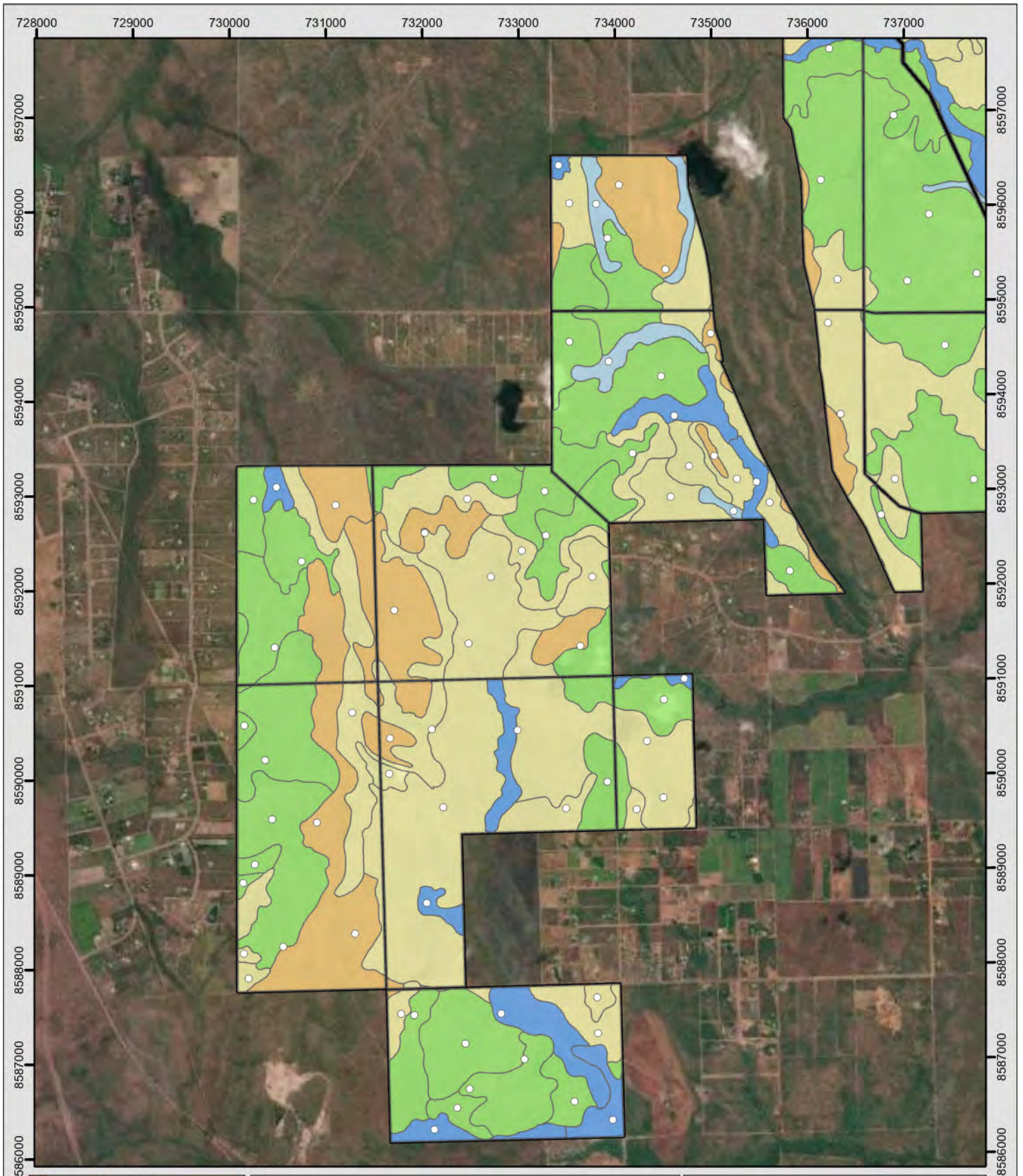
Legend

- Study area
- Survey Sites
- Landform class**
- Low Hills
- Rises
- Plains
- Alluvial plains
- Drainage Systems
- Swamps
- Marine
- Significantly disturbed land

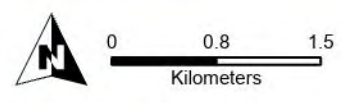



MAP INFORMATION
 Scale: 1:65,000 @ A4
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 Date Saved: 26/05/2025
 Client: Total Eren
 Mapper: Elliot Day
DATA SOURCE
 Topographic data: OSM
 Project data: EcOz
 Imagery: ESRI

Figure 3-4. Map of refined land unit boundaries (north east)



- Legend**
- Study area
 - Survey Sites
 - Landform class**
 - Low Hills
 - Rises
 - Plains
 - Alluvial plains
 - Drainage Systems

MAP INFORMATION
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Figure 3-5. Map of refined land unit boundaries (south west)

3.3 Threatened species habitat mapping

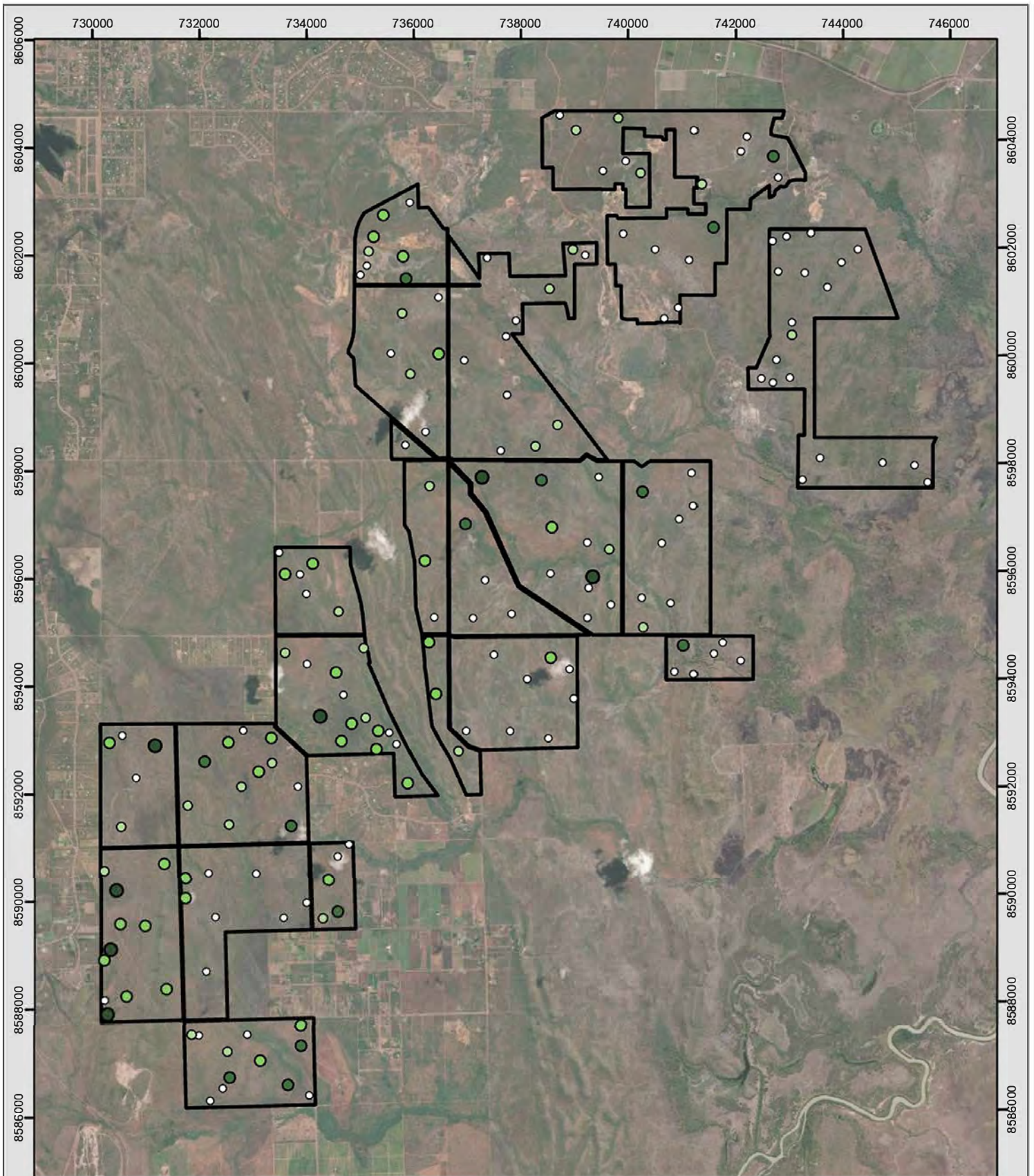
Habitat quality data were collected at all the 178 sites that were surveyed for the land unit mapping. The results are presented in Appendix A. Those data were collected to inform an impact avoidance assessment and preliminary offset calculations, both of which are reported on in other documents.

3.4 Darwin Cycad mapping

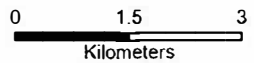
Darwin Cycads were present at 81 of the 178 vegetation check sites (Table 3-3, Figure 3-6). Most of the sites (61 of 81) had a low or moderate density of cycads, 13 sites had a high density, and 7 sites had a very high density. High and very high-density sites occurred more frequently in the south-west of the study area; however, they were also recorded in the central and northern portions of the study area. High and very-high density cycads most frequently occurred in land unit 3b; however, the species was present throughout the plains and rises landform classes, and otherwise not strongly associated with any one land unit.

Table 3-3. Darwin Cycad density survey results

Density classification	Cycad density (no. per hectare)	No. of sites
Absent	0	97
Low	1 to 99	29
Moderate	100 to 399	32
High	400 to 699	13
Very High	Greater than 700	7



- Legend**
- Study area
 - Cycad density (ha)**
 - Absent
 - Low (1 to 99)
 - Moderate (100 to 399)
 - High (400 to 699)
 - Very High (700+)



MAP INFORMATION
 Scale: 1:100,000 @ A4
 Projection: WGS 1984
 Date Saved: 13/05/2025
 Client: Total Eren Australia H2 Pty Ltd
 Mapper: Elliot Day
DATA SOURCE
 Topographic data: OSM
 Project data: EcOz
 Imagery: ESRI

Figure 3-6. Map of Darwin Cycad density

3.5 Other findings

3.5.1 Unmapped Melaleuca swamps

Melaleuca swamps are located in multiple locations in the north of the study area and are associated with land unit 8b. In addition to known swamps, three unmapped Melaleuca swamps were identified during the survey, located at VS-42, VS-144 and VS-153 (Figure 3-7, Figure 3-10).

Site VS-42 comprised of a *Melaleuca dealbata* woodland over mixed shrubs, located on the northern side of a drainage line within land unit 8a1. Aerial imagery suggests that the swamp comprises approximately 8.7 ha on the northern side of the drainage line, with an additional 4 ha located on the southern side. Due to the open nature of the vegetation, and inconclusive aerial imagery analysis, the extent of the Melaleuca swamp requires field verification.

Site VS-144 comprised woodland of *Melaleuca* sp. located in between land unit 4e2 and 8a1 at the eastern boundary of the study area. The swamp comprises approximately 2 ha.

VS-153 comprised a *Melaleuca cajuputi* woodland within a wider floodplain. VS-153 was located partially within a 0.34 ha dense patch of Melaleuca, with scattered trees extending further across the floodplain. The boundary of the swamp requires further field verification.



VS-42



VS-144



VS-153

Figure 3-7. Photographs of unmapped Melaleuca swamps

3.5.2 Monsoon rainforest

Monsoon rainforests are considered a sensitive and significant vegetation type under the NT *Land Clearing Guidelines* (DEPWS 2024). Monsoon rainforests are areas of vegetation with a dense tree canopy (greater than 70 % foliage cover) that occur in regions with a monsoonal wet/dry climate. In the Northern Territory, monsoon rainforests commonly occur in small discrete patches within the frequently-burnt savanna dominated by eucalypts or paperbarks (*Melaleuca sp.*). There are approximately 15,000 patches across the Northern Territory – ranging in size from 1 to 4,000 ha with a median size of 3.6 ha (DLRM 2013).

A total of 117.3 ha of monsoon rainforest is modelled within the study area (DEPWS 2000). One site – VS-45 was located within modelled monsoon rainforest and was not found to contain sufficient canopy cover or species diversity to constitute the vegetation type.

Land unit 4e1

A total of 341.67 ha of the study area is mapped as land unit 4e1, described as sloping margins to upland plateau surface supporting monsoon vine thicket vegetation (DEPWS 2000). Four vegetation sites were visited within land unit 4e1 (Figure 3-10). Three of the sites (VS-66, VS-67, VS-72) were not found to have appropriate vegetation structure or species diversity to constitute monsoon vine thicket. A fourth site – VS-69 – contained sufficient density and diversity of relevant species to support a ‘partial match’ assessment.

A review of the Lynch (1985) mapping indicates that land unit 4e1 was originally described as woodland to open forest of mixed species over a mixed shrub layer. As a result, all sites occurring within land unit 4e1 were considered to match the original land unit description and are not considered to be monsoon vine thicket vegetation, with the exception of site VS-69 which is in a transitional stage. The extent of the monsoon vine thicket vegetation was not ground verified and is unable to be confidently determined based on available aerial imagery.



Figure 3-8. Photographs of site VS-69

3.5.3 Unmodelled sandsheet heath

Sandsheet heath vegetation is mapped in multiple locations in the north of the study area (DENR 2014), and nine vegetation sites⁶ were located within or adjacent to modelled patches (Figure 3-10). These mapped patches fall within the drainage systems and swamps landform classes.

Of the nine sites, one (VS-146) was identified as containing sandsheet heath, with the remaining sites either significantly disturbed or not found to support sandsheet heath vegetation at the time of the survey (Figure 3-9).

One additional site (VS-129) was found to support sandsheet heath vegetation despite not being mapped as such (Figure 3-9). The site is within land unit 8c and is located 150 m north of a mapped (but disturbed) sandsheet patch. The extent of sandsheet heath patches were not verified as part of this assessment.



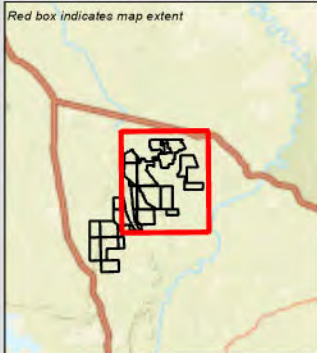
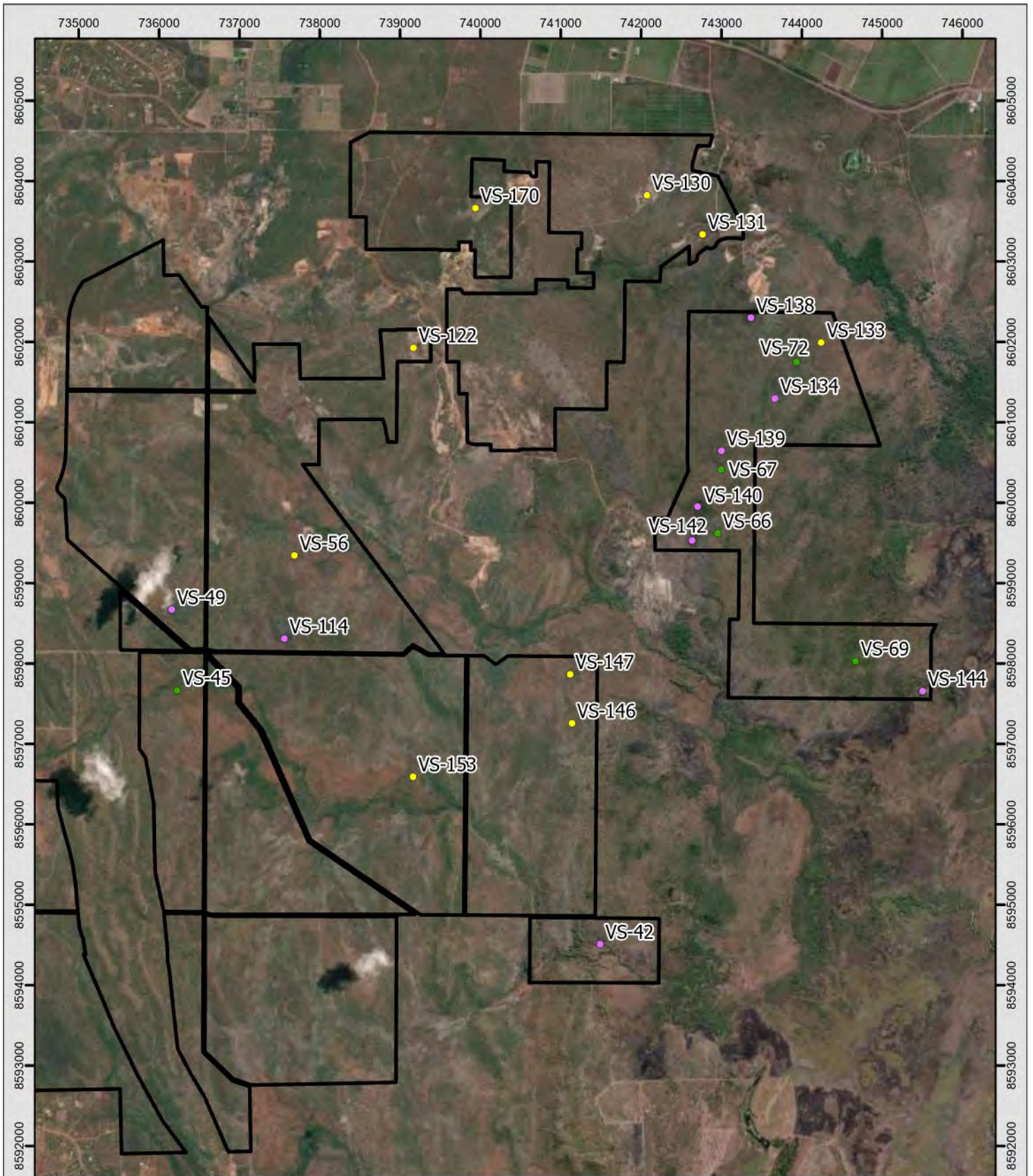
VS-146




VS-129

Figure 3-9. Photographs of sandsheet heath sites

⁶ VS-56, VS-122, VS-130, VS-131, VS-133, VS-146, VS-147, VS-153 and VS-170.



- Legend**
- Study area
 - Survey sites (Land unit 8b)
 - Survey sites (Monsoon rainforest)
 - Survey sites (Sandsheet heath)

MAP INFORMATION
 Scale: 1:65,000 @ A4
 Projection: GDA2020 MGA Zone 52
 Date Saved: 26/05/2025
 Client: Total Eren Australia HQ Pty Ltd
 Mapper: Elliot Day
DATA SOURCE
 Topographic data: OSM
 Project data: EcOz, NTG
 Imagery: ESRI

Figure 3-10. Map of survey sites discussed in Section 3.5

4 CONCLUSION

The survey indicated that land units within the study area are largely consistent with Fogarty et al. (1984) and Lynch (1985) with 87.6% of sites matching or partially matching their nominal unit. Of the 22 (12.4%) of sites that did not match their nominal land unit, 12 were characteristic of an adjacent or nearby unit, indicating an overall high level of accuracy in the source dataset, with some boundary adjustment required.

Because individual check sites were utilised for land unit mapping verification, post-survey land unit boundary refinement was largely restricted to drainage systems, swamps and alluvial plains where a clear visual boundary was present across successive aerial images. Further refinement was completed with the support of contour mapping and field data. Identified boundary discrepancies were generally within 50 m of existing mapped boundaries. Additionally, approximately 255 ha of the study area was determined to be highly modified as a result of human activity and was assigned the new category 'disturbed'.



The plains and rises landform class comprises 76% of the study area, which have less pronounced aerial boundaries. As a result, boundary refinement was not completed between these areas without supporting site data and contour mapping. It is considered likely that there are boundary discrepancies within these landform classes due to the nature of 1:25,000 scale mapping.


Due to the large size of the study area, priority areas for further investigation have been identified. These include identifying any additional occurrences of land unit 8b (melaleuca swamps), refining boundary mapping at identified swamps (sites VS-42, VS-144 and VS-153), and refining the extent of monsoon vine thicket and sandsheet heath within their associated land units.

5 REFERENCES

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- Threatened Species Scientific Committee (2021) Conservation Advice *Trichosurus vulpecula arnhemensis*, Northern Brushtail Possum. Canberra: Department of Agriculture, Water and the Environment.



APPENDIX A SURVEY SITE DATA

Check site	VS-01		Coordinates		-12.733565, 131.122141		
Aspect	West		Land unit (nominal)		3c	Land unit (adjusted)	3b/3c
Surface soils	Grey Loam		Landform		Plains/Flat Moderately well drained		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	7	93	5	15	17	Quartz-Laterite <1%
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	4		5		1		1
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	5		14		11		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	3		6		2		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		1		Absent (0)		Last year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Minor impact scars on some trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species			Height (m)	Cover (%)
	Open Woodland (5-20%)		<i>Erythrophleum chlorostachys</i>			14	8
			<i>Eucalyptus miniata</i>			7	7
		<i>Livistona humilis</i>			0	0	
Mid stratum	Sparse Shrubland (5-20%)		<i>Livistona humilis</i>			1	5
			<i>Planchonia careya</i>			3	4
			<i>Buchanania obovata</i>			3	3
Ground stratum	Closed Hummock Grassland (>80%)		<i>Sorghum sp. (annual)</i>			10	70
			<i>Eriachne ciliata</i>			5	15
			<i>Heteropogon contortus</i>			10	5
Other notes	Test pit						
							

Check site	VS-02		Coordinates		-12.725356, 131.124707		
Aspect	South		Land unit (nominal)		4a	Land unit (adjusted)	4a/3b/3c
Surface soils	Grey Silt		Landform		Plains/Flat Poorly drained		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	1	99	50	5	14	<1% Laterite
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	6		35		1		1
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	2		7		4		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	6		2		3		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		0		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		<1%		Some trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species			Height (m)	Cover (%)
	Open Woodland (5-20%)		<i>Erythrophleum chlorostachys</i>			12	4
			<i>Eucalyptus tetradonta</i>			10	12
			<i>Corymbia polysciada</i>			9	1
Mid stratum	Sparse Shrubland (5-20%)		<i>Terminalia ferdinandiana</i>			1	6
			<i>Buchanania obovata</i>			1	4
			<i>Planchonia careya</i>			1	2
Ground stratum	Sparse Tussock Grassland (5-20%)		<i>Heteropogon contortus</i>			15	5
			<i>Syzygium eucalyptoides subsp. bleeseri</i>			30	5
			<i>Buchanania obovata</i>			50	3
Other notes	Hyptis present, pandanus nearby						
							

Check site	VS-03		Coordinates		-12.719968, 131.127956		
Aspect	South East		Land unit (nominal)		1b	Land unit (adjusted)	1a/1c
Surface soils	Brown-grey Loam		Landform		Mid Slope Moderately well drained		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	1	33	66	30	30	5	Sandstone <5%
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	4		20		1		5
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	4		15		4		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	10		3		6		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		29		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		No damage		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species			Height (m)	Cover (%)
	Open Woodland (5-20%)		<i>Eucalyptus tetrodonta</i>			10	10
			<i>Corymbia polysciada</i>			10	8
		<i>Eucalyptus miniata</i>			6	2	
Mid stratum	Sparse Shrubland (5-20%)		<i>Terminalia ferdinandiana</i>			1	15
			<i>Livistona humilis</i>			1	5
			<i>Xanthostemon paradoxus</i>			10	5
Ground stratum	Isolated Hummock Grasses (<5%)		<i>Sorghum sp. (annual)</i>			10	10
			<i>Cycas armstrongii</i>			30	4
			<i>Buchanania obovata</i>			20	4
Other notes	-						





Check site	VS-04		Coordinates		-12.762112, 131.122959		
Aspect	South West		Land unit (nominal)		3c	Land unit (adjusted)	-
Surface soils	Grey Other		Landform		Mid Slope Rapidly drained (deep slope / sandy soil)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	35	65	50	20	20	Sandstone <1%
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	7		20		2		15
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	7		9		12		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	5		2		2		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		9		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Some trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species			Height (m)	Cover (%)
	Open Woodland (5-20%)		<i>Eucalyptus tetrodonta</i>			12	4
			<i>Eucalyptus miniata</i>			14	1
		N/A			0	0	
Mid stratum	Open Shrubland (21-50%)		<i>Terminalia platyphylla</i>			1	15
			<i>Brachychiton megaphyllus</i>			1	6
			<i>Livistona humilis</i>			1	5
Ground stratum	Open Hummock Grassland (21-50%)		<i>Heteropogon contortus</i>			0	30
			<i>Cycas armstrongii</i>			0.3	15
			<i>Terminalia platyphylla</i>			0.2	5
Other notes	Track adjacent to plot Abundant large hollows outside of plot						
							



Check site	VS-05		Coordinates		-12.750263, 131.126166		
Aspect	North West		Land unit (nominal)		1b	Land unit (adjusted)	1b/3c
Surface soils	Grey Other		Landform		Mid Slope Rapidly drained (deep slope / sandy soil)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	5	40	30	70	15	28	Sandstone >30%
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	7		30		2		5
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	7		9		10		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	6		0		1		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		10		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Minor impact scars on most trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species			Height (m)	Cover (%)
	Open Woodland (5-20%)		<i>Erythrophleum chlorostachys</i>			8	5
			<i>Eucalyptus miniata</i>			10	3
			<i>Corymbia polysciada</i>			10	1
Mid stratum	Open Shrubland (21-50%)		<i>Terminalia platyphylla</i>			1	10
			<i>Livistona humilis</i>			1	9
			<i>Cycas armstrongii</i>			1	2
Ground stratum	Sparse Hummock Grassland (5-20%)		<i>Heteropogon contortus</i>			0	10
			<i>Terminalia platyphylla</i>			0.1	3
			<i>Petalostigma quadriloculare</i>			0.4	2
Other notes	- Mistletoe (dead) just outside plot. Planchonia present (nectar sp count _z) abundant large hollows outside of plot.						







Check site	VS-06		Coordinates		-12.74431 131.121228		
Aspect	South West		Land unit (nominal)		3b	Land unit (adjusted)	-
Surface soils	Yellow-brown Loam		Landform		Lower Slope Moderately well drained		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	2	98	45	5	31	<1% Laterite
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	4		40		1		1
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	5		3		4		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	1		4		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		31		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Some trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species			Height (m)	Cover (%)
	Open Woodland (5-20%)		<i>Eucalyptus miniata</i>			6	7
			<i>Eucalyptus tetradonta</i>			7	5
<i>Livistona humilis</i>			0	0			
Mid stratum	Sparse Shrubland (5-20%)		<i>Cycas armstrongii</i>			1	10
			<i>Planchonia careya</i>			2	3
			<i>Terminalia platyphylla</i>			1	2
Ground stratum	Sparse Hummock Grassland (5-20%)		<i>Eucalyptus miniata</i>			20	45
			<i>Heteropogon contortus</i>			10	10
			<i>Eriachne ciliata</i>			10	5
Other notes	-						



Check site	VS-07		Coordinates		-12.741364 131.137145		
Aspect	South		Land unit (nominal)		1c	Land unit (adjusted)	-
Surface soils	Brown Other		Landform		Lower Slope Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	20	79	60	40	24	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	3		15		2		15
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	5		10		4		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	15		1		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		0		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		11-50%		Some trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Woodland (21-50%)		<i>Eucalyptus miniata</i>		17		20
			<i>Erythrophleum chlorostachys</i>		16		8
		<i>Terminalia ferdinandiana</i>		11		5	
Mid stratum	Sparse Shrubland (5-20%)		<i>Livistona humilis</i>		2.5		5
			<i>Terminalia ferdinandiana</i>		1.5		3
			<i>Brachychiton megaphyllus</i>		1.5		1
Ground stratum	Open Resprouts (21-50%)		<i>Brachychiton megaphyllus</i>		0		5
			Unknown Shrub (see notes)		0.3		4
			<i>Erythrophleum chlorostachys</i>		0.2		2
Other notes	- Other weed = <i>Passiflora foetida</i>						
							



Check site	VS-08		Coordinates		-12.726225 131.171349		
Aspect	North East		Land unit (nominal)		4c	Land unit (adjusted)	-
Surface soils	Brown Other		Landform		Lower Slope Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	1	99	30	25	0	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	2		10		3		15
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	3		8		0		Alive
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	9		1		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		9		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Very Low		Absent		Some trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species			Height (m)	Cover (%)
	Woodland (21-50%)		<i>Erythrophleum chlorostachys</i>			9	6
			<i>Eucalyptus miniata</i>			15	5
Mid stratum		Sparse Shrubland (5-20%)		<i>Brachychiton diversifolius</i>		18	2
Ground stratum		Open Tussock Grassland (21-50%)		<i>Unknown Shrub</i>		1.5	3
				<i>Cycas armstrongii</i>		1	2
				<i>Unknown Shrub</i>		1	2
Other notes		Bush track adjacent to plot.		<i>Sorghum sp.</i>		0	10
				<i>Unknown Shrub</i>		0.3	3
				<i>Unknown Grass</i>		0.2	3
Other notes		Bush track adjacent to plot.					
							



Check site	VS-09		Coordinates		-12.760867 131.129821		
Aspect	South East		Land unit (nominal)		1b	Land unit (adjusted)	-
Surface soils	Grey Other		Landform		Mid Slope Rapidly drained (deep slope / sandy soil)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	70	25	50	5	9	Sandstone <5%
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	2		10		3		15
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	1		6		5		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	6		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		7		Common (6-10)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Some trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Open Woodland (5-20%)		<i>Eucalyptus tetrodonta</i>		8		8
			<i>Corymbia polysciada</i>		6		5
Mid stratum	Sparse Shrubland (5-20%)		<i>Eucalyptus miniata</i>		9		2
			<i>Livistona humilis</i>		1		8
			<i>Terminalia ferdinandiana</i>		2		4
Ground stratum	Sparse Hummock Grassland (5-20%)		<i>Xanthostemon paradoxus</i>		3		2
			<i>Erythrophleum chlorostachys</i>		0		20
			<i>Heteropogon contortus</i>		0.2		15
Other notes			<i>Cycas armstrongii</i>		0.15		7
	-						
							

Check site	VS-10		Coordinates		-12.768641 131.13547		
Aspect	N/A		Land unit (nominal)		3a	Land unit (adjusted)	3e
Surface soils	Grey Other		Landform		Drainage (broad swamp/floodplain) Very poorly drained (Seasonal waterlogging / inundation expected)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	90	2	0	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	4		5		2		1
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	3		2		0		Alive
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	2		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	2		0		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Low		Absent		Minor impact scars on most trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Isolated Trees (<5%)		<i>Gardenia megasperma</i>		6		1
			<i>Corymbia polysciada</i>		7		1
		N/A		0		0	
Mid stratum	Sparse Shrubland (5-20%)		<i>Livistona humilis</i>		1.5		10
			<i>Terminalia ferdinandiana</i>		2		2
			<i>Planchonia careya</i>		2		1
Ground stratum	Isolated Hummock Grasses (<5%)		<i>Petalostigma quadriloculare</i>		0		5
			<i>Sorghum sp. (annual)</i>		0.1		2
			<i>Buchanania obovata</i>		0.2		1
Other notes	Verticordia Cunninghamei present. Planchonia counted as nectar & fruiting. Persoonia present ground story.						
							

Check site	VS-11		Coordinates		-12.772839 131.146007		
Aspect	East		Land unit (nominal)		3d	Land unit (adjusted)	3e
Surface soils	Light brown Loam		Landform		Plains/Flat Poorly drained (seasonally waterlogged most years)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	65	3	4	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	5		15		2		5
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	4		2		0		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	4		1		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		5		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Some trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species			Height (m)	Cover (%)
	Open Woodland (5-20%)		<i>Erythrophleum chlorostachys</i>			6	6
			<i>Terminalia ferdinandiana</i>			10	5
Mid stratum	Sparse Shrubland (5-20%)		<i>Corymbia polysciada</i>			6	4
			<i>Planchonia careya</i>			1	4
			<i>Buchanania obovata</i>			1	4
Ground stratum	Sparse Tussock Grassland (5-20%)		<i>Xanthostemon paradoxus</i>			5	3
			<i>Petalostigma quadriloculare</i>			0	7
			<i>Buchanania obovata</i>			0.2	5
Other notes			<i>Heteropogon contortus</i>			0.2	5
	-						





Check site	VS-12		Coordinates		-12.775675 131.140764		
Aspect	South		Land unit (nominal)		3d	Land unit (adjusted)	3e
Surface soils	Brown-grey Other		Landform		Plains/Flat Poorly drained (seasonally waterlogged most years)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	10	90	70	1	9	<5% Laterite
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	3		5		2		1
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	4		3		2		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	3		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	5		24		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Very Low		1-10%		Some trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Isolated Trees (<5%)		<i>Erythrophleum chlorostachys</i>		6		3
			<i>Terminalia grandiflora</i>		3		2
			N/A		0		0
Mid stratum	Sparse Shrubland (5-20%)		<i>Livistona humilis</i>		1		7
			<i>Cycas armstrongii</i>		0.5		5
			<i>Pandanus spiralis</i>		1.5		2
Ground stratum	Isolated Hummock Grasses (<5%)		<i>Heteropogon contortus</i>		0		5
			<i>Cycas armstrongii</i>		0.1		3
			<i>Petalostigma quadriloculare</i>		0.1		2
Other notes	- Hyptis						
							

Check site	VS-13		Coordinates		-12.768488 131.143777		
Aspect	N/A		Land unit (nominal)		5b2	Land unit (adjusted)	5b1 / 5b2
Surface soils	Brown-grey Loam		Landform		Drainage (broad swamp/floodplain) Very poorly drained (Seasonal waterlogging / inundation expected)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	50	85	29	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	2		0		3		1
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	5		5		3		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	5		4		7		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	49		0		Abundant (>10)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Minor impact scars on some trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Woodland (21-50%)		<i>Melaleuca dealbata</i>		8		30
			<i>Lophostemon lactifluus</i>		8		20
		N/A		0		0	
Mid stratum	Open Shrubland (21-50%)		<i>Pandanus spiralis</i>		1.6		20
			<i>Livistona humilis</i>		1.5		3
			<i>Melaleuca leucadendra</i>		1.5		2
Ground stratum	Open Hummock Grassland (21-50%)		<i>Unknown Grass (see notes)</i>		0		25
			<i>Pandanus spiralis</i>		1		25
			<i>Melaleuca leucadendra</i>		0.2		1
Other notes	- Grevillea outside of plot.						
							



Check site	VS-14		Coordinates		-12.738518 131.159323		
Aspect	N/A		Land unit (nominal)		4 e 2	Land unit (adjusted)	-
Surface soils	Brown Other		Landform		Plains/Flat Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	80	5	0	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	6		10		3		2
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	0		0		0		Alive
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	2		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	16		0		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Very Low		11-50%		Some trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Isolated Trees (<5%)		<i>Terminalia grandiflora</i>		12		2
			N/A		0		0
		N/A		0		0	
Mid stratum	Sparse Shrubland (5-20%)		<i>Pandanus spiralis</i>		2		10
			<i>Ficus aculeata</i>		4		5
			<i>Verticordia cunninghamii</i>		1		3
Ground stratum	Open Tussock Grassland (21-50%)		<i>Andropogon gayanus</i>		0		15
			<i>Heteropogon triticeus</i>		0.05		3
			<i>Unknown Grass (see notes)</i>		0.05		2
Other notes	-						





Check site	VS-15		Coordinates		-12.742485 131.157705		
Aspect	East		Land unit (nominal)		2a1	Land unit (adjusted)	2a1 / 2a2
Surface soils	Brown Other		Landform		Mid Slope Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	5	95	75	10	0	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	4		10		3		5
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	4		5		0		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	0		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		13		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		<1%		Some trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Open Woodland (5-20%)		<i>Eucalyptus miniata</i>		7		9
			<i>Planchonia careya</i>		7		1
			N/A		0		0
Mid stratum	Sparse Shrubland (5-20%)		<i>Livistona humilis</i>		2		6
			<i>Planchonia careya</i>		3		3
			<i>Cycas armstrongii</i>		1		2
Ground stratum	Open Tussock Grassland (21-50%)		<i>Heteropogon triticeus</i>		0		6
			<i>Buchanania obovata</i>		0.1		3
			<i>Cycas armstrongii</i>		0.2		3
Other notes	-						
							

Check site	VS-16		Coordinates		-12.747861 131.159271		
Aspect	North East		Land unit (nominal)		2a1	Land unit (adjusted)	-
Surface soils	Brown Other		Landform		Mid Slope Rapidly drained (deep slope / sandy soil)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	5	8	87	80	15	0	Quartz <5%
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	2		2		2		3
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	0		2		0		Dead
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	1		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		17		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		1-10%		Some trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Open Woodland (5-20%)		<i>Eucalyptus miniata</i>		5		15
			N/A		0		0
Mid stratum	Sparse Shrubland (5-20%)		<i>Cycas armstrongii</i>		1		6
			<i>Livistona humilis</i>		1		4
			<i>Planchonia careya</i>		2		2
Ground stratum	Sparse Resprouts (5-20%)		<i>Erythrophleum chlorostachys</i>		0		10
			<i>Buchanania obovata</i>		0.5		1
			<i>Eucalyptus tectifera</i>		0.2		1
Other notes	- Outcropping quartz and sandstone						





Check site	VS-17		Coordinates		-12.748905 131.14998		
Aspect	West		Land unit (nominal)		2b2	Land unit (adjusted)	5b2
Surface soils	Grey Clay		Landform		Drainage (broad swamp/floodplain) Very poorly drained		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	1	99	80	2	1	<1% Laterite
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	2		5		2		1
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	0		0		0		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	1		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		0		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Some trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species			Height (m)	Cover (%)
	Isolated Trees (<5%)		<i>Corymbia sp.</i>			8	2
			<i>Planchonia careya</i>			6	2
		<i>Buchanania obovata</i>			7	1	
Mid stratum	Sparse Shrubland (5-20%)		<i>Planchonia careya</i>			2.5	5
			<i>Syzygium eucalyptoides subsp. bleeseri</i>			1	2
			<i>Corymbia sp.</i>			1	1
Ground stratum	Sparse Tussock Grassland (5-20%)		<i>Buchanania obovata</i>			20	6
			<i>Heteropogon triticeus</i>			10	5
			<i>Syzygium eucalyptoides subsp. bleeseri</i>			20	2
Other notes	Shrubs/resprout 8% of ground cover						
							

Check site	VS-18		Coordinates		-12.741441 131.145334		
Aspect	West		Land unit (nominal)		5b2	Land unit (adjusted)	2a1 / 2b1
Surface soils	Grey Other		Landform		Lower Slope Moderately well drained		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	2	97	85	1	0	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	2		5		1		2
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	3		6		0		Alive
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	2		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		0		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Minor impact scars on most trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species			Height (m)	Cover (%)
	Isolated Trees (<5%)		<i>Eucalyptus miniata</i>			9	1
			<i>Livistona humilis</i> <i>Livistona humilis</i>			0 0	0 0
Mid stratum	Sparse Shrubland (5-20%)		<i>Verticordia cunninghamii</i>			1	5
			<i>Planchonia careya</i>			5	3
			<i>Livistona humilis</i>			3	2
Ground stratum	Sparse Tussock Grassland (5-20%)		<i>Heteropogon triticeus</i>			10	4
			N/A				
			N/A				
Other notes	Track through site to old camp with tin sheets and beer bottles Ground cover 4% resprout/ low shrub. Ground storey two and three heterodox on sp are unknown grass sp.						
							

Check site	VS-19		Coordinates		-12.7488 131.138236		
Aspect	East		Land unit (nominal)		2b2	Land unit (adjusted)	-
Surface soils	Brown-grey Other		Landform		Plains/Flat Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	2	98	60	15	17	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	3		11		1		10
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	6		2		1		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	8		1		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		0		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Some trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species			Height (m)	Cover (%)
	Isolated Trees (<5%)		N/A			0	0
			N/A			0	0
N/A			0	0			
Mid stratum	Sparse Shrubland (5-20%)		<i>Syzygium eucalyptoides subsp. bleeseri</i>			1	6
			<i>Terminalia ferdinandiana</i>			2	2
			<i>Eucalyptus patellaris</i>			4	2
Ground stratum	Open Resprouts (21-50%)		<i>Syzygium eucalyptoides subsp. bleeseri</i>			0	45
			<i>Heteropogon triticeus</i>			0.1	1
			<i>Unknown Grass</i>			0.05	1
Other notes	Weeds in vicinity: Gamba, Passiflora, Hyptis. Minor pig damage in vicinity.						





Check site	VS-20		Coordinates		-12.757935 131.13667		
Aspect	N/A		Land unit (nominal)		5b2	Land unit (adjusted)	-
Surface soils	Grey Other		Landform		Drainage (broad swamp/floodplain) Very poorly drained (Seasonal waterlogging / inundation expected)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	2	90	0	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	3		45		1		1
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	2		6		1		Alive
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	3		6		4		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	87		0		Abundant (>10)		2+ years
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Low		1-10%		Minor impact scars on some trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Woodland (21-50%)		<i>Lophostemon lactifluus</i>		16		30
Mid stratum	Shrubland (51-80%)		<i>Melaleuca nervosa</i>		18		10
			<i>Acacia auriculiformis</i>		16		2
			<i>Pandanus spiralis</i>		1.5		45
			<i>Timon timonius</i>		4		10
Ground stratum	Sparse Tussock Grassland (5-20%)		<i>Planktonic careya</i>		6		3
			Unknown Grass		0		10
			Unknown Grass		0.1		3
		<i>Pandanus spiralis</i>		0.5		2	
Other notes	-						
							



Check site	VS-21		Coordinates		-12.733409 131.15134		
Aspect	South		Land unit (nominal)		1b	Land unit (adjusted)	4e2
Surface soils	Light brown Other		Landform		Mid Slope Moderately well drained		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	2	98	80	5	4	Quartz <1%
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	2		2		0		0
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	4		2		0		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	1		2		1		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		23		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Some trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species			Height (m)	Cover (%)
	Open Woodland (5-20%)		<i>Corymbia polycarpa</i>			7	5
			<i>Erythrophleum chlorostachys</i>			8	2
		<i>Planchonia careya</i>			7	1	
Mid stratum	Sparse Shrubland (5-20%)		<i>Livistona humilis</i>			1	5
			<i>Cycas armstrongii</i>			1	4
			<i>Brachychiton megaphyllus</i>			1	1
Ground stratum	Sparse Tussock Grassland (5-20%)		<i>Heteropogon triticeus</i>			20	8
			<i>Cycas armstrongii</i>			30	4
			<i>Corymbia polycarpa</i>			30	1
Other notes	Small costeans in larger area Ground story 5% resprout/cycads						



Check site	VS-22		Coordinates		-12.722861 131.148049		
Aspect	West		Land unit (nominal)		3d	Land unit (adjusted)	-
Surface soils	Yellow-brown Loam		Landform		Plains/Flat Moderately well drained		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	2	4	94	60	30	4	<5% Laterite
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	3		3		0		0
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	5		2		0		Alive
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	6		2		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		1		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Some trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species			Height (m)	Cover (%)
	Open Woodland (5-20%)		<i>Eucalyptus miniata</i>			10	12
			<i>Corymbia polysciada</i>			12	2
			<i>Corymbia bleeseri</i>			12	2
Mid stratum	Sparse Shrubland (5-20%)		<i>Livistona humilis</i>			2	5
			<i>Erythrophleum chlorostachys</i>			1	3
			<i>Terminalia ferdinandiana</i>			2	3
Ground stratum	Open Forbland (20-50%)		<i>Eucalyptus tetradonta</i>			40	10
			<i>Eucalyptus miniata</i>			40	7
			<i>Petalostigma quadriloculare</i>			20	4
Other notes	- Resprout cover 30%						



Check site	VS-23		Coordinates		-12.722627 131.136473		
Aspect	North East		Land unit (nominal)		2b2	Land unit (adjusted)	2b2/1b
Surface soils	Brown Loam		Landform		Lower SlopeModerately well drained		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	1	80	23	<1% Laterite
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	4		7		1		3
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	3		6		6		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	7		4		4		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		27		Absent (0)		Last year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Minor impact scars on most trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Open Woodland (5-20%)		<i>Eucalyptus tetrodonta</i>		12		12
			<i>Erythrophleum chlorostachys</i>		12		3
<i>Eucalyptus miniata</i>			12		1		
Mid stratum	Sparse Shrubland		<i>Cycas armstrongii</i>		50		7
			<i>Livistona humilis</i>		1		3
			<i>Brachychiton megaphyllum</i>		1		2
Ground stratum	Hummock Grassland (50-80%)		<i>Heteropogon contortus</i>		10		35
			<i>Cycas armstrongii</i>		20		5
			<i>Livistona humilis</i>		20		4
Other notes	-						
							



Check site	VS-24		Coordinates		-12.733164 131.140656		
Aspect	South East		Land unit (nominal)		2b2	Land unit (adjusted)	-
Surface soils	Light brown Other		Landform		Mid Slope Moderately well drained		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	13	87	70	15	7.5	Quartz <1%
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	6		25		1		2
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	3		2		0		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	8		2		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		2		Scattered (1-5)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Some trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species			Height (m)	Cover (%)
	Woodland (20-50%)		<i>Erythrophleum chlorostachys</i>			8	10
			<i>Xanthostemon paradoxus</i>			7	10
		<i>Eucalyptus tetradonta</i>			9	1	
Mid stratum	Sparse Shrubland (5-20%)		<i>Livistona humilis</i>			1	8
			<i>Planchonia careya</i>			2	2
			<i>Terminalia ferdinandiana</i>			6	2
Ground stratum	Sparse Forbland (5-20%)		<i>Eucalyptus tetradonta</i>			40	10
			<i>Planchonia careya</i>			30	3
			<i>Heteropogon triticeus</i>			20	3
Other notes	- For land is actually resprout (15%)						
							

Check site	VS-25		Coordinates		-12.706261 131.154051		
Aspect	North East		Land unit (nominal)		5a	Land unit (adjusted)	4a/5a
Surface soils	Brown-grey Other		Landform		Lower Slope Poorly drained (seasonally waterlogged most years)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	1	99	70	10	0	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	2		5		1		4
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	2		0		0		Dead
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	2		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		0		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Low		Absent		Some trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Open Woodland (5-20%)		<i>Corymbia latifolia</i> <i>Planchonia careya</i> <i>Buchanania obovata</i>		7 5 5		5 1 1
Mid stratum	Isolated Shrubs (<5%)		<i>Corymbia latifolia</i> <i>Buchanania obovata</i> <i>Planchonia careya</i>		1 1 1		2 1 1
	Open Resprouts (21-50%)		<i>Syzygium eucalyptoides subsp. bleeseri</i> Unknown Grass <i>Heteropogon triticeus</i>		0 0.1 0.1		15 10 5
Other notes	-						



Check site	VS-26		Coordinates		-12.711428 131.160314		
Aspect	North		Land unit (nominal)		5b1	Land unit (adjusted)	2b1 / 5b1
Surface soils	Brown Other		Landform		Lower Slope Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	6	93	70	15	3	<1% Laterite
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	4		5		4		5
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	8		8		0		Alive
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	5		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		0		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Very Low		Absent		Some trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Open Woodland (5-20%)		<i>Eucalyptus tectifica</i>		8		10
			<i>Corymbia polysciada</i>		8		5
Mid stratum		Sparse Shrubland (5-20%)		<i>Gardenia megasperma</i>		4	5
				<i>Planchonia careya</i>		7	4
				<i>Buchanania obovata</i>		1.5	1
Ground stratum	Open Tussock Grassland (21-50%)		<i>Heteropogon triticeus</i>		0		20
			<i>Eucalyptus tectifica</i>		0.4		4
			<i>Grevillea mismosoides</i>		0.1		1
Other notes	- Adjacent to cycad patch.						



Check site	VS-27		Coordinates		-12.704701 131.186165		
Aspect	N/A		Land unit (nominal)		4 e2	Land unit (adjusted)	4e2/4c
Surface soils	Grey Clay		Landform		Plains/Flat Poorly drained (seasonally waterlogged most years)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	1	98	50	1	0	<1% Laterite
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	2		3		2		2
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	1		3		0		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	2		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		0		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Moderate		Absent		Most trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Isolated Trees (<5%)		<i>Corymbia polysciada</i>		10		3
			<i>Erythrophleum chlorostachys</i>		9		2
		N/A		0		0	
Mid stratum	Sparse Shrubland (5-20%)		<i>Planchonia careya</i>		4		3
			<i>Buchanania obovata</i>		2		2
			<i>Corymbia polysciada</i>		6		1
Ground stratum	Open Tussock Grassland (21-50%)		<i>Sorghum sp.</i>		0		15
			<i>Heteropogon triticeus</i>		0.2		10
			<i>Xanthostemon paradoxus</i>		0.15		3
Other notes	Litter (bottle)						
							

Check site	VS-28		Coordinates		-12.708779 131.191874		
Aspect	N/A		Land unit (nominal)		4 e2	Land unit (adjusted)	4e2/2a1
Surface soils	Brown Other		Landform		Plains/Flat Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	1	99	70	1	3	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	3		10		2		5
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	1		4		0		Alive
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	3		1		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		0		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Moderate		Absent		Some trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Isolated Trees (<5%)		<i>Corymbia latifolia</i>		8		3
			<i>Erythrophleum chlorostachys</i>		8		1
		N/A		0		0	
Mid stratum	Sparse Shrubland (5-20%)		<i>Planchonia careya</i>		2		3
			<i>Corymbia latifolia</i>		2		1
			<i>Buchanania obovata</i>		1.5		1
Ground stratum	Open Tussock Grassland (21-50%)		<i>Sorghum sp.</i>		0		15
			<i>Heteropogon triticeus</i>		0.15		8
			<i>Xanthostemon paradoxus</i>		0.1		6
Other notes	-						





Check site	VS-29		Coordinates		-12.717506 131.188938		
Aspect	N/A		Land unit (nominal)		4 e2	Land unit (adjusted)	-
Surface soils	Brown-grey Other		Landform		Plains/Flat Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	1	99	40	4	3	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	5		6		1		2
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	0		0		0		Alive
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	2		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		0		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Low		Absent		Most trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species			Height (m)	Cover (%)
	Open Woodland (5-20%)		<i>Terminalia grandiflora</i>			4	2
			<i>Ficus aculeata</i>			5	1
		<i>Syzygium eucalyptoides subsp. bleeseri</i>			6	1	
Mid stratum	Open Shrubland (21-50%)		Unknown Shrub (see notes)			1	15
			<i>Planchonia careya</i>			1.5	5
			<i>Livistona humilis</i>			1.5	3
Ground stratum	Open Tussock Grassland (21-50%)		<i>Sorghum sp.</i>			0	30
			Unknown Grass (see notes)			0.15	2
			Unknown Grass (see notes)			0.15	2
Other notes	- Unknown large tree dead and unidentifiable. Many pig scats, some digging.						



Check site	VS-30		Coordinates		-12.69449 131.153933		
Aspect	North		Land unit (nominal)		4a	Land unit (adjusted)	4a/5a
Surface soils	Brown Other		Landform		Lower Slope Poorly drained (seasonally waterlogged most years)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	20	1	8	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	4		1		1		0
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	3		0		0		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	2		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	3		0		Absent (0)		0
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	High		Absent		Some trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Isolated Trees (<5%)		<i>Corymbia foelscheana/C. latifolia</i>		5		1
			<i>Erythrophleum chlorostachys</i>		7		1
		N/A		0		0	
Mid stratum	Isolated Shrubs (<5%)		<i>Pandanus spiralis</i>		1		2
			<i>Corymbia foelscheana/C. latifolia</i>		1		1
			<i>Ficus aculeata</i>		1		1
Ground stratum	Hummock Grassland (51-80%)		<i>Heteropogon contortus</i>		0		25
			<i>Eucalyptus tetradonta</i>		0.1		15
			<i>Heteropogon contortus</i>		0.1		10
Other notes	-						



Check site	VS-31		Coordinates		-12.688931 131.174303		
Aspect	South East		Land unit (nominal)		4 e2	Land unit (adjusted)	4e2/1b
Surface soils	Grey Silt		Landform		Plains/Flat Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	35	10	6	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	4		10		3		2
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	6		4		1		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	1		1		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		6		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Low		1-10%		Minor impact scars on most trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Woodland (21-50%)		<i>Erythrophleum chlorostachys</i>		6		15
			<i>Eucalyptus tectifera</i>		7		10
		N/A		0		0	
Mid stratum	Sparse Shrubland (5-20%)		<i>Planchonia careya</i>		3		3
			<i>Xanthostemon paradoxus</i>		6		2
			<i>Livistona humilis</i>		1		2
Ground stratum	Sparse Tussock Grassland (5-20%)		<i>Sorghum sp. (annual)</i>		0		40
			<i>Petalostigma quadriloculare</i>		0.1		2
			<i>Eucalyptus tectifera</i>		0.2		2
Other notes	- Sparse but diverse midstorey, canopy cover higher in 20m plot than surrounding area. Mature pandanus and stand of cycads present just outside plot						
							

Check site	VS-32		Coordinates		-12.682762 131.181271		
Aspect	South		Land unit (nominal)		4 e2	Land unit (adjusted)	3b
Surface soils	Brown Sand		Landform		Mid Slope Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	1	99	70	10	0	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	3		5		4		10
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	18		22		1		Alive
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	6		2		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		20		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Low		Absent		Some trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species			Height (m)	Cover (%)
	Woodland (21-50%)		<i>Eucalyptus miniata</i>			18	12
			<i>Erythrophleum chlorostachys</i>			10	8
		<i>Brachychiton diversifolius</i>			16	5	
Mid stratum	Sparse Shrubland (5-20%)		<i>Cycas armstrongii</i>			1.5	5
			<i>Planchonia careya</i>			5	3
			<i>Cochlospermum fraseri</i>			4	2
Ground stratum	Open Resprouts (21-50%)		<i>Sorghum sp.</i>			0	15
			<i>Petalostigma quadriloculare</i>			0.2	4
			<i>Brachychiton megaphyllus</i>			0.3	4
Other notes	-						



Check site	VS-33		Coordinates		-12.674933 131.184126		
Aspect	South West		Land unit (nominal)		2a1	Land unit (adjusted)	-
Surface soils	Grey Clay		Landform		Lower Slope Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	1	99	60	15	3	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	2		7		1		1
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	5		5		2		Alive
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	3		1		2		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		30		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Very Low		Absent		Some trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species			Height (m)	Cover (%)
	Woodland (21-50%)		<i>Eucalyptus miniata</i>			9	20
			<i>Terminalia ferdinandiana</i>			20	6
		<i>Erythrophleum chlorostachys</i>			12	1	
Mid stratum	Sparse Shrubland (5-20%)		<i>Cycas armstrongii</i>			1.1	9
			<i>Terminalia ferdinandiana</i>			2.5	2
			<i>Planchonia careya</i>			3	1
Ground stratum	Open Resprouts (21-50%)		<i>Sorghum sp.</i>			0	15
			<i>Terminalia ferdinandiana</i>			0.3	4
			<i>Petalostigma quadriloculare</i>			0.4	3
Other notes	-						



Check site	VS-34		Coordinates		-12.675422 131.19432		
Aspect	South East		Land unit (nominal)		2a1	Land unit (adjusted)	-
Surface soils	Light brown Clay		Landform		Mid Slope Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	2	97	60	10	8	<1% Laterite
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	4		15		3		6
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	10		8		0		Alive
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	6		3		2		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		17		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Some trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Woodland (21-50%)		<i>Eucalyptus miniata</i>		17		17
			<i>Corymbia polysciada</i>		10		7
		<i>Erythrophleum chlorostachys</i>		11		1	
Mid stratum	Sparse Shrubland (5-20%)		<i>Planchonia careya</i>		3		8
			<i>Terminalia ferdinandiana</i>		2		7
			<i>Cycas armstrongii</i>		1.5		3
Ground stratum	Open Tussock Grassland (21-50%)		<i>Sorghum sp.</i>		0		25
			<i>Eucalyptus tetradonta</i>		0.4		5
			<i>Heteropogon triticeus</i>		0.2		3
Other notes	- Very small scattered Unburnt patches in plot and vicinity.						



Check site	VS-35		Coordinates		-12.683333 131.196115		
Aspect	South West		Land unit (nominal)		4b	Land unit (adjusted)	-
Surface soils	Grey Sand		Landform		Lower Slope Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	2	2	95	60	5	4	<5% Laterite
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	4		15		3		10
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	0		2		0		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	1		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		8		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Very Low		Absent		Minor impact scars on most trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Open Woodland (5-20%)		<i>Erythrophleum chlorostachys</i>		9		4
			<i>Terminalia grandiflora</i>		7		2
Mid stratum	Open Shrubland (21-50%)		<i>Melaleuca nervosa</i>		11		1
			<i>Buchanania obovata</i>		2		8
			<i>Xanthostemon paradoxus</i>		1.5		6
Ground stratum	Open Tussock Grassland (21-50%)		<i>Cycas armstrongii</i>		1.5		2
			<i>Sorghum sp.</i>		0		15
			<i>Xanthostemon paradoxus</i>		0.05		10
		<i>Syzygium eucalyptoides subsp. bleeseri</i>		0.3		2	
Other notes	-						





Check site	VS-36		Coordinates		-12.698503 131.202231		
Aspect	North East		Land unit (nominal)		2b2	Land unit (adjusted)	-
Surface soils	Grey Clay		Landform		Mid Slope Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	1	99	35	10	3	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	3		10		2		5
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	19		17		2		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	7		4		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		0		Scattered (1-5)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Minor impact scars on some trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Woodland (21-50%)		<i>Eucalyptus patellaris</i>		20		20
			<i>Corymbia bleeseri</i>		25		15
		<i>Erythrophleum chlorostachys</i>		10		1	
Mid stratum	Sparse Shrubland (5-20%)		<i>Planchonia careya</i>		5		5
			<i>Corymbia foelscheana</i>		1.5		2
			<i>Buchanania obovata</i>		1.5		1
Ground stratum	Open Tussock Grassland (21-50%)		<i>Themeda triandra</i>		0		15
			<i>Heteropogon triticeus</i>		0.15		5
			<i>Brachychiton megaphyllus</i>		0.15		2
Other notes	-						



Check site	VS-37		Coordinates		-12.687003 131.205983		
Aspect	West		Land unit (nominal)		1b	Land unit (adjusted)	-
Surface soils	Grey Clay		Landform		Mid Slope Rapidly drained (deep slope / sandy soil)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	10	80	50	25	21	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	3		20		3		7
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	6		5		1		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	5		4		2		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		2		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Some trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Open Forest (51-80%)		<i>Eucalyptus miniata</i>		18		40
			<i>Erythrophleum chlorostachys</i>		10		15
		<i>Corymbia polysciada</i>		19		5	
Mid stratum	Sparse Shrubland (5-20%)		<i>Cycas armstrongii</i>		2		2
			<i>Brachychiton megaphyllus</i>		1.1		2
			<i>Planchonia careya</i>		3		1
Ground stratum	Open Tussock Grassland (21-50%)		Unknown Grass		0		8
			<i>Brachychiton megaphyllus</i>		0.6		7
			<i>Erythrophleum chlorostachys</i>		0.2		6
Other notes	- Extensive sandstone rocks scattered on slope from outcropping up slope of site.						



Check site	VS-38		Coordinates		-12.691081 131.19587		
Aspect	N/A		Land unit (nominal)		4b	Land unit (adjusted)	4b/5b2
Surface soils	Grey Clay		Landform		Drainage (broad swamp/floodplain) Very poorly drained (Seasonal waterlogging / inundation expected)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	60	10	0	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	2		25		1		1
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	2		9		0		Alive
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	3		3		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	82		0		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Very Low		Absent		Minor impact scars on most trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Open Woodland (5-20%)		<i>Corymbia bella</i>		9		7
			N/A		0		0
Mid stratum	Sparse Shrubland (5-20%)		<i>Pandanus spiralis</i>		1.5		6
			<i>Melaleuca nervosa</i>		4		6
			<i>Barringtonia acutangula</i>		2		2
Ground stratum	Open Tussock Grassland (21-50%)		<i>Unknown Grass (see notes)</i>		0		15
			<i>Barringtonia acutangula</i>		0.1		4
			<i>Unknown Grass (see notes)</i>		0.1		4
Other notes	-						
							

Check site	VS-39		Coordinates		-12.67738 131.211692			
Aspect	South East		Land unit (nominal)		2b2	Land unit (adjusted)	-	
Surface soils	Grey Clay		Landform		Upper Slope Moderately well drained (occasional seasonal waterlogging)			
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping	
	0	1	99	50	5	11	-	
Habitat values (50x50)								
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)	
	3		2		2		2	
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead	
	9		9		1		Both	
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall	
	7		1		0		0	
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire	
	0		26		Absent (0)		This year	
Threatening processes	Feral animal damage		Weed density		Fire impacts			
	Absent		Absent		Some trees/shrubs killed			
Vegetation (20x20)								
Upper stratum	Vegetation Structure		Dominant species			Height (m)		Cover (%)
	Open Woodland (5-20%)		<i>Eucalyptus miniata</i>			14		15
			<i>Erythrophleum chlorostachys</i>			15		3
			<i>Eucalyptus tectifera</i>			22		2
Mid stratum	Sparse Shrubland (5-20%)		<i>Cycas armstrongii</i>			1.5		4
			<i>Planchonia careya</i>			2		1
			<i>Buchanania obovata</i>			4		1
Ground stratum	Open Tussock Grassland (21-50%)		<i>Sorghum sp.</i>			0		35
			<i>Corymbia sp.</i>			0.4		4
			<i>Corymbia sp.</i>			0.5		2
Other notes	-							



Check site	VS-40		Coordinates		-12.681947 131.217972		
Aspect	East		Land unit (nominal)		4 e 2	Land unit (adjusted)	4e2/2b2
Surface soils	Grey Other		Landform		Plains/Flat Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	10	90	40	20	0	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	6		15		2		3
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	6		6		2		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	2		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		0		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Minor impact scars on some trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Woodland (21-50%)		<i>Eucalyptus tectifica</i>		8		18
			<i>Erythrophleum chlorostachys</i>		12		12
		N/A		0		0	
Mid stratum	Open Shrubland (21-50%)		<i>Xanthostemon paradoxus</i>		4		10
			<i>Planchonia careya</i>		2		7
			<i>Calytrix exstipulata</i>		2		5
Ground stratum	Open Hummock Grassland (21-50%)		<i>Sorghum sp. (annual)</i>		0		40
			<i>Petalostigma quadriloculare</i>		0.2		4
			<i>Xanthostemon paradoxus</i>		0.1		4
Other notes	- Rock outcropping in 50x50						





Check site	VS-42		Coordinates		-12.704513 131.223812		
Aspect	South		Land unit (nominal)		8a1	Land unit (adjusted)	8b
Surface soils	Brown Other		Landform		Plains/Flat Very poorly drained (Seasonal waterlogging / inundation expected)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	50	25	0	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	1		2		0		0
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	2		0		1		Alive
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	8		6		3		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		0		Common (6-10)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Low		11-50%		Minor impact scars on some trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Woodland (21-50%)		<i>Melaleuca dealbata</i>		10		40
			N/A		0		0
Mid stratum	Sparse Shrubland (5-20%)		Unknown Shrub (see notes)		1		7
			<i>Planchonia careya</i>		1		2
			<i>Corymbia sp.</i>		6		2
Ground stratum	Hummock Grassland (51-80%)		Unknown Grass (see notes)		0		20
			Unknown Shrub (see notes)		0.2		10
			Unknown Shrub (see notes)		0.1		5
Other notes	- Large trees with multiple stems, largest stem only included. All melaleuca						



Check site	VS-41		Coordinates		-12.696038 131.216498		
Aspect	West		Land unit (nominal)		2b2	Land unit (adjusted)	-
Surface soils	Brown Other		Landform		Lower Slope Rapidly drained (deep slope / sandy soil)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	47	53	75	3	6	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	3		25		3		10
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	4		2		0		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	1		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		0		Scattered (1-5)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Some trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Open Woodland (5-20%)		<i>Eucalyptus tectifica</i>		12		6
			<i>Erythrophleum chlorostachys</i>		11		4
		N/A		0		0	
Mid stratum	Open Shrubland (21-50%)		<i>Terminalia ferdinandiana</i>		3		10
			<i>Xanthostemon paradoxus</i>		5		8
			<i>Eucalyptus tectifica</i>		3		5
Ground stratum	Open Hummock Grassland (21-50%)		<i>Sorghum sp. (annual)</i>		0		20
			<i>Petalostigma quadriloculare</i>		0.2		8
			<i>Eucalyptus miniata</i>		0.3		3
Other notes	- Pandanus & cycad & large hollows in large miniata outside of plot nearby. Turkey bush in 20x20						



Check site	VS-43		Coordinates		-12.70568 131.228411		
Aspect	South		Land unit (nominal)		8a1	Land unit (adjusted)	6a1 / 8a1
Surface soils	Brown Loam		Landform		Drainage (broad swamp/floodplain) Very poorly drained (Seasonal waterlogging / inundation expected)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	60	10	0	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	0		0		1		15
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	2		0		0		Alive
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	0		0		1		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		0		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Very Low		<1%		Minor impact scars on some trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Isolated Trees (<5%)		<i>Melaleuca dealbata</i>		8		5
			N/A		0		0
Mid stratum	Isolated Shrubs (<5%)		<i>Planchonia careya</i>		1.5		1
			N/A		0		0
			N/A		0		0
Ground stratum	Open Hummock Grassland (21-50%)		Unknown Grass (see notes)		0		25
			N/A		0		0
			N/A		0		0
Other notes	- <i>M.dealbata</i> with 2x trunks at 50+dbh. Lots of pandanus nearby						
							

Check site	VS-44		Coordinates		-12.697464 131.159467		
Aspect	South		Land unit (nominal)		1b	Land unit (adjusted)	2b1?
Surface soils	Brown Other		Landform		Lower Slope Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	6	93	15	5	10	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	3		2		2		1
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	3		4		1		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	7		1		1		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	1		1		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Moderate		Absent		Minor impact scars on most trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species			Height (m)	Cover (%)
	Open Woodland (5-20%)		Corymbia foelscheana			6	15
			Erythrophleum chlorostachys			8	3
			Buchanania obovata			6	1
Mid stratum	Sparse Shrubland (5-20%)		Livistona humilis			0.5	3
			Terminalia ferdinandiana			1	2
			Corymbia foelscheana				1
Ground stratum	Sparse Hummock Grassland (5-20%)		Xanthostemon paradoxus			0	25
			Sorghum sp. (annual)			0.1	20
			Corymbia polycarpa			0.1	5
Other notes	-						



Check site	VS-45		Coordinates		-12.676402 131.175108		
Aspect	North West		Land unit (nominal)		3b	Land unit (adjusted)	-
Surface soils	Light brown Sand		Landform		Lower Slope Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	40	25	13	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	5		8		4		10
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	4		2		0		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	5		2		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	3		1		Scattered (1-5)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Some trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Woodland (21-50%)		<i>Erythrophleum chlorostachys</i>		12		20
			<i>Terminalia grandiflora</i>		12		2
		<i>Timonius timons</i>		10		1	
Mid stratum	Sparse Shrubland (5-20%)		<i>Pandanus spiralis</i>		3		2
			<i>Planchonia careya</i>		4		2
			<i>Terminalia grandiflora</i>		1.5		2
Ground stratum	Open Resprouts (21-50%)		<i>Sorghum sp.</i>		0		15
			<i>Eucalyptus tetradonta</i>		0.3		8
			<i>Syzygium eucalyptoides subsp. bleeseri</i>		0.4		7
Other notes	-						



Check site	VS-46		Coordinates		-12.669533 131.170947		
Aspect	N/A		Land unit (nominal)		2a1	Land unit (adjusted)	2a1/2a2
Surface soils	Brown Loam		Landform		Plains/Flat Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	5	40	24	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	5		25		1		3
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	4		7		4		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	7		3		1		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		0		Absent (0)		2+ years
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		No damage		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Open Woodland (5-20%)		<i>Erythrophleum chlorostachys</i>		7		10
			N/A		0		0
Mid stratum	Open Shrubland (21-50%)		<i>Terminalia ferdinandiana</i>		2		10
			<i>Terminalia ferdinandiana</i>		2		7
			<i>Petalostygma smithii</i>		1.5		3
Ground stratum	Sparse Hummock Grassland (5-20%)		<i>Sorghum sp. (annual)</i>		0		40
			<i>Eucalyptus tetradonta</i>		0.3		3
			<i>Syzygium suborbiculare</i>		0.4		2
Other notes	- Cycad and pandanus in 50x50.. Milkwood present in 50m plot.						





Check site	VS-47		Coordinates		-12.647435 131.170388		
Aspect	South East		Land unit (nominal)		2a1	Land unit (adjusted)	2a1 / 2b2
Surface soils	Grey Other		Landform		Plains/Flat Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	5	95	50	5	18	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	3		5		5		3
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	5		3		2		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	3		1		1		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		2		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Minor impact scars on most trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Open Woodland (5-20%)		<i>Xanthostemon paradoxus</i>		9		10
			<i>Erythrophleum chlorostachys</i>		6		3
Mid stratum	Sparse Shrubland (5-20%)		<i>Eucalyptus miniata</i>		10		2
			<i>Terminalia ferdinandiana</i>		1		3
			<i>Buchanania obovata</i>		1		2
Ground stratum	Sparse Tussock Grassland (5-20%)		<i>Planchonia careya</i>		7		2
			<i>Sorghum sp. (annual)</i>		0		18
			<i>Eucalyptus tectifica</i>		0.2		15
Other notes	- 69cm tree <i>Alstonia</i> . <i>Themeda triandra</i> common in plot		<i>Petalostigma quadriloculare</i>		0.2		3



Check site	VS-48		Coordinates		-12.654169 131.168457		
Aspect	South East		Land unit (nominal)		2b2	Land unit (adjusted)	-
Surface soils	Brown-grey Loam		Landform		Plains/Flat Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	3	97	30	7	12	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	3		3		3		2
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	3		2		1		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	2		2		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	2		0		Scattered (1-5)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Very Low		Absent		Minor impact scars on some trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Open Woodland (5-20%)		<i>Corymbia foelscheana</i>		6		10
			<i>Corymbia sp.</i>		6		9
		<i>Xanthostemon paradoxus</i>		4		1	
Mid stratum	Sparse Shrubland (5-20%)		<i>Planchonia careya</i>		2		7
			<i>Terminalia ferdinandiana</i>		1.5		2
			<i>Pandanus spiralis</i>		1		1
Ground stratum	Open Tussock Grassland (21-50%)		<i>Themeda triandra</i>		0		15
			<i>Pandanus spiralis</i>		0.6		5
			<i>Syzygium eucalyptoides subsp. bleeseri</i>		0.2		3
Other notes	- Cycads in 50x50.						



Check site	VS-49		Coordinates		-12.667322 131.174407			
Aspect	N/A		Land unit (nominal)		8b	Land unit (adjusted)	-	
Surface soils	Brown Silt		Landform		Drainage (broad swamp/floodplain) Very poorly drained (Seasonal waterlogging / inundation expected)			
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping	
	0	0	100	90	95	16	-	
Habitat values (50x50)								
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)	
	0		0		1		40	
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead	
	4		1		0		Alive	
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall	
	6		2		0		0	
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire	
	0		0		Scattered (1-5)		2+ years	
Threatening processes	Feral animal damage		Weed density		Fire impacts			
	Very Low		Absent		Minor impact scars on some trees/shrubs			
Vegetation (20x20)								
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)	
	Open Forest (51-80%)		Melaleuca leucadendra		8		60	
			N/A		0		0	
Mid stratum		Shrubland (51-80%)		Melaleuca leucadendra		1		65
Ground stratum		Isolated Resprouts (<5%)		Melaleuca leucadendra		0		2
				N/A		0		0
				N/A		0		0
Other notes	- In the middle of a melaleuca swamp							
								

Check site	VS-50		Coordinates		-12.657614 131.171798		
Aspect	South		Land unit (nominal)		1b	Land unit (adjusted)	2b1 / 2b2
Surface soils	Brown Clay		Landform		Lower Slope Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	15	85	30	15	18	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	3		6		3		4
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	12		13		6		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	6		6		1		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		3		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Very Low		Absent		Some trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Woodland (21-50%)		<i>Eucalyptus miniata</i>		12		28
			<i>Erythrophleum chlorostachys</i>		10		2
		N/A		0		0	
Mid stratum	Sparse Shrubland (5-20%)		<i>Terminalia ferdinandiana</i>		4		10
			<i>Planchonia careya</i>		2		3
			<i>Erythrophleum chlorostachys</i>		4		2
Ground stratum	Sparse Tussock Grassland (5-20%)		<i>Sorghum sp. (annual)</i>		0		20
			<i>Eucalyptus miniata</i>		0.2		6
			<i>Planchonia careya</i>		0.1		5
Other notes	- Petalostigma quad lookalike in photos						



Check site	VS-51		Coordinates		-12.641642 131.171067		
Aspect	North West		Land unit (nominal)		2a1	Land unit (adjusted)	-
Surface soils	Brown Loam		Landform		Plains/Flat Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	1	99	20	35	21	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	5		10		3		5
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	10		8		7		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	8		2		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		20		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Minor impact scars on most trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Woodland (21-50%)		<i>Eucalyptus miniata</i>		9		30
			<i>Erythrophleum chlorostachys</i>		1		10
		<i>Corymbia confertiflora</i>		9		1	
Mid stratum	Isolated Shrubs (<5%)		<i>Cycas armstrongii</i>		0.5		3
			<i>Planchonia careya</i>		1		1
			<i>Livistona humilis</i>		0.5		1
Ground stratum	Sparse Resprouts (5-20%)		<i>Sorghum sp. (annual)</i>		0		40
			<i>Erythrophleum chlorostachys</i>		0.1		10
			<i>Buchanania obovata</i>		0.3		5
Other notes	Test pit						



Check site	VS-52		Coordinates		-12.628854 131.171693		
Aspect	South East		Land unit (nominal)		4b	Land unit (adjusted)	-
Surface soils	Grey Clay		Landform		Lower Slope Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	10	85	30	5	6	<5% Laterite
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	5		15		3		8
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	3		2		0		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	0		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	1		0		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Very Low		Absent		Minor impact scars on most trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Open Woodland (5-20%)		<i>Corymbia polysciada</i>		6		4
			<i>Erythrophleum chlorostachys</i>		6		1
			N/A		0		0
Mid stratum	Sparse Shrubland (5-20%)		<i>Terminalia ferdinandiana</i>		1		10
			<i>Planchonia careya</i>		1		6
			<i>Buchanania obovata</i>		4		2
Ground stratum	Open Tussock Grassland (21-50%)		<i>Sorghum sp. (annual)</i>		0		20
			<i>Syzygium eucalyptoides subsp. bleeseri</i>		0.4		15
			<i>Erythrophleum chlorostachys</i>		0.4		5
Other notes	- Mature cycad and pandanus in 50m plot						



Check site	VS-53		Coordinates		-12.637884 131.170545		
Aspect	South		Land unit (nominal)		2a1	Land unit (adjusted)	-
Surface soils	Brown-grey Silt		Landform		Plains/Flat Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	15	5	1	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	3		5		2		3
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	3		2		1		Alive
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	4		0		1		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		9		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Minor impact scars on most trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Woodland (21-50%)		<i>Corymbia foelscheana/C. latifolia</i>		5		30
			<i>Corymbia foelscheana</i>		6		10
		<i>Eucalyptus tectifica</i>		8		5	
Mid stratum	Sparse Shrubland (5-20%)		<i>Planchonia careya</i>		1		4
			<i>Cycas armstrongii</i>		1		2
			<i>Brachychiton megaphyllus</i>		1		2
Ground stratum	Tussock Grassland (51-80%)		<i>Themeda triandra</i>		0		50
			<i>Grewia sp.</i>		0.1		10
			<i>Corymbia foelscheana/C. latifolia</i>		0.2		3
Other notes	Test pit						





Check site	VS-54		Coordinates		-12.669739 131.193292		
Aspect	North East		Land unit (nominal)		2a1	Land unit (adjusted)	-
Surface soils	Light brown Clay		Landform		Mid Slope Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	1	2	96	45	10	13	<1% Laterite
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	3		8		2		6
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	12		1		0		Alive
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	9		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		2		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Very Low		Absent		Some trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Woodland (21-50%)		<i>Eucalyptus miniata</i>		14		20
			<i>Erythrophleum chlorostachys</i>		8		15
		N/A		0		0	
Mid stratum	Sparse Shrubland (5-20%)		<i>Planchonia careya</i>		1.5		6
			<i>Terminalia ferdinandiana</i>		2		2
			<i>Erythrophleum chlorostachys</i>		1.5		1
Ground stratum	Tussock Grassland (51-80%)		<i>Sorghum sp.</i>		0		30
			<i>Heteropogon triticeus</i>		0.15		4
			<i>Planchonia careya</i>		0.15		4
Other notes	- Very small scattered Unburnt patches in plot and vicinity.						



Check site	VS-55		Coordinates		-12.651318 131.188254		
Aspect	South		Land unit (nominal)		6a2	Land unit (adjusted)	-
Surface soils	Grey Sand		Landform		Drainage (broad swamp/floodplain) Very poorly drained (Seasonal waterlogging / inundation expected)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	20	15	0	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	5		3		2		1
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	1		0		0		Alive
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	2		0		1		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	10		0		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Low		Absent		Minor impact scars on some trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Open Woodland (5-20%)		<i>Lophostemon lactiflorus</i>		6		10
			<i>Grevillea pteridifolia</i>		7		1
		N/A		0		0	
Mid stratum	Sparse Shrubland (5-20%)		<i>Pandanus spiralis</i>		1		2
			<i>Planchonia careya</i>		4		2
			<i>Melaleuca viridiflora</i>		4		1
Ground stratum	Open Tussock Grassland (21-50%)		<i>Unknown Grass (see notes)</i>		0		38
			<i>Pandanus spiralis</i>		0.5		3
			<i>Lophostemon lactiflorus</i>		0.1		3
Other notes	Tracks and test pits						



Check site	VS-56		Coordinates		-12.661122 131.188411		
Aspect	South East		Land unit (nominal)		6a2	Land unit (adjusted)	-
Surface soils	Light brown Sand		Landform		Drainage (broad swamp/floodplain) Very poorly drained (Seasonal waterlogging / inundation expected)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	35	5	0	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	1		1		5		20
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	16		3		1		Alive
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	1		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	9		0		Absent (0)		Last year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Low		Absent		Minor impact scars on some trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Open Woodland (5-20%)		<i>Melaleuca nervosa</i>		5		4
			<i>Melaleuca viridiflora</i>		5		2
			<i>Grevillea pteridifolia</i>		8		1
Mid stratum	Isolated Shrubs (<5%)		<i>Pandanus spiralis</i>		0.5		3
			<i>Verticordia cunninghamii</i>		0.5		1
			<i>Planchonia careya</i>		0.5		1
Ground stratum	Open Forbland (21-50%)		<i>Unknown Grass (see notes)</i>		0		35
			<i>Unknown Grass (see notes)</i>		0.1		10
			<i>Drosera sp.</i>		0		3
Other notes	Quad tracks Unknown groundcover species SSH sedge species						
							

Check site	VS-57		Coordinates		-12.655317 131.181065		
Aspect	South West		Land unit (nominal)		2b1	Land unit (adjusted)	-
Surface soils	Red Other		Landform		Lower Slope Rapidly drained (deep slope / sandy soil)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	20	80	35	10	13	<30% Laterite
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	3		7		2		3
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	8		13		3		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	8		2		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		0		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Very Low		Absent		Some trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Woodland (21-50%)		<i>Eucalyptus miniata</i>		12		12
			<i>Erythrophleum chlorostachys</i>		10		9
		N/A		0		0	
Mid stratum	Sparse Shrubland (5-20%)		<i>Terminalia ferdinandiana</i>		2		5
			<i>Planchonia careya</i>		1.5		2
			<i>Erythrophleum chlorostachys</i>		2		1
Ground stratum	Sparse Tussock Grassland (5-20%)		<i>Erythrophleum chlorostachys</i>		0		15
			<i>Heteropogon contortus</i>		0.1		12
			<i>Sorghum sp. (annual)</i>		0.1		7
Other notes	- Cycads present in 50m plot						



Check site	VS-58		Coordinates		-12.623896 131.211352		
Aspect	South West		Land unit (nominal)		3c	Land unit (adjusted)	-
Surface soils	Brown-grey Sand		Landform		Plains/Flat Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	2	98	1	20	6	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	3		5		2		1
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	1		2		0		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	8		2		1		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		1		Absent (0)		Last year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Minor impact scars on some trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Woodland (21-50%)		<i>Eucalyptus miniata</i>		9		20
			<i>Erythrophleum chlorostachys</i>		8		5
		N/A		0		0	
Mid stratum	Open Shrubland (21-50%)		<i>Acacia dimidiata</i>		1		9
			<i>Terminalia ferdinandiana</i>		2		8
			<i>Livistona humilis</i>		4		5
Ground stratum	Tussock Grassland (51-80%)		<i>Sorghum intrans</i>		0		50
			<i>Triodia sp.</i>		0.5		15
			<i>Sedge sp.</i>		0.1		7
Other notes	-						



Check site	VS-59		Coordinates		-12.623535 131.204891		
Aspect	North West		Land unit (nominal)		3a	Land unit (adjusted)	-
Surface soils	Grey Sand		Landform		Plains/Flat Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	0	34	20	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	2		10		2		10
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	3		5		2		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	9		5		5		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		0		Absent (0)		Last year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Very Low		Absent		Minor impact scars on most trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Woodland (21-50%)		<i>Erythrophleum chlorostachys</i>		12		11
			<i>Eucalyptus tetradonta</i>		12		11
<i>Corymbia foelscheana</i>			12		11		
Mid stratum	Open Shrubland (21-50%)		<i>Xanthostemon paradoxus</i>		1		10
			<i>Planchonia careya</i>		1		9
			<i>Erythrophleum chlorostachys</i>		1		5
Ground stratum	Open Tussock Grassland (21-50%)		<i>Sorghum intrans</i>		0		30
			<i>Pandanus spiralis</i>		1		5
			<i>Unknown Shrub (see notes)</i>		0.5		2
Other notes	-						



Check site	VS-60		Coordinates		-12.616724 131.200258		
Aspect	South West		Land unit (nominal)		3b	Land unit (adjusted)	-
Surface soils	Grey Loam		Landform		Plains/Flat Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	20	15	21	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	3		10		3		5
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	2		5		1		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	5		3		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		3		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Minor impact scars on some trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species			Height (m)	Cover (%)
	Woodland (21-50%)		<i>Erythrophleum chlorostachys</i>			10	13
			<i>Corymbia foelscheana</i>			10	8
<i>Eucalyptus tetradonta</i>			12	7			
Mid stratum	Sparse Shrubland (5-20%)		<i>Terminalia ferdinandiana</i>			1.5	10
			<i>Planchonia careya</i>			1	3
			<i>Brachychiton megaphyllus</i>			0.5	2
Ground stratum	Sparse Tussock Grassland (5-20%)		<i>Petalostigma pubescens</i>			0	23
			<i>Heteropogon contortus</i>			0.5	8
			<i>Erythrophleum chlorostachys</i>			0.5	3
Other notes	-						



Check site	VS-61		Coordinates		-12.61677 131.220526		
Aspect	South West		Land unit (nominal)		3c	Land unit (adjusted)	-
Surface soils	Brown-grey Loam		Landform		Plains/Flat Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	40	30	6	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	4		20		1		5
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	0		1		2		Alive
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	1		3		1		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		0		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Minor impact scars on most trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species			Height (m)	Cover (%)
	Woodland (21-50%)		<i>Eucalyptus tetrodonta</i>			10	20
			<i>Erythrophleum chlorostachys</i>			10	12
<i>Corymbia sp.</i>			10	8			
Mid stratum	Open Shrubland (21-50%)		<i>Livistona humilis</i>			1.5	8
			<i>Terminalia ferdinandiana</i>			1.3	5
			<i>Planchonia careya</i>				5
Ground stratum	Open Tussock Grassland (21-50%)		<i>Sorghum intrans</i>			0	40
			<i>Eucalyptus tetrodonta</i>			0.1	7
			<i>Juvenile Eucalyptus spp.</i>			0.5	5
Other notes	-						



Check site	VS-62		Coordinates		-12.63302 131.223718		
Aspect	South West		Land unit (nominal)		3a	Land unit (adjusted)	-
Surface soils	Brown Sand		Landform		Lower Slope Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	5	20	5	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	3		25		3		12
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	1		0		2		Dead
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	4		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	1		16		Scattered (1-5)		Last year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Very Low		Absent		Minor impact scars on some trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Open Woodland (5-20%)		<i>Eucalyptus tetrodonta</i>		10		10
			<i>Eucalyptus miniata</i>		10		8
<i>Eucalyptus tectifera</i>			10		5		
Mid stratum	Shrubland (51-80%)		<i>Cycas armstrongii</i>		1		12
			<i>Terminalia ferdinandiana</i>		1		8
			<i>Erythrophleum chlorostachys</i>		1		5
Ground stratum	Open Tussock Grassland (21-50%)		<i>Sorghum intrans</i>		0		25
			<i>Cycas armstrongii</i>		0.2		10
			<i>Unknown Shrub (see notes)</i>		0.2		1
Other notes	- Unknown creeper species in ground story. Persoonia in ground layer						



Check site	VS-63		Coordinates		-12.640643 131.239415		
Aspect	South		Land unit (nominal)		3c	Land unit (adjusted)	3c/3a
Surface soils	Brown Silt		Landform		Plains/Flat Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	30	40	47	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	4		10		1		1
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	21		24		14		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	10		4		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		0		Scattered (1-5)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Very Low		Absent		Some trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Woodland (21-50%)		<i>Eucalyptus miniata</i>		8		20
			<i>Erythrophleum chlorostachys</i>		6		5
N/A			0		0		
Mid stratum	Isolated Shrubs (<5%)		<i>Terminalia ferdinandiana</i>		1		4
			<i>Livistona humilis</i>		3		1
			<i>Owenia vernicosa</i>		1		1
Ground stratum	Open Resprouts (21-50%)		<i>Syzygium eucalyptoides subsp. bleeseri</i>		0		10
			<i>Terminalia ferdinandiana</i>		0.1		5
			<i>Planchonia careya</i>		0.1		4
Other notes	-						



Check site	VS-64		Coordinates		-12.6385 131.21969			
Aspect	South West		Land unit (nominal)		3b	Land unit (adjusted)	-	
Surface soils	Grey Sand		Landform		Plains/Flat Moderately well drained (occasional seasonal waterlogging)			
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping	
	0	0	100	25	10	32	-	
Habitat values (50x50)								
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)	
	4		5		2		2	
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead	
	7		5		4		Both	
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall	
	6		1		1		0	
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire	
	0		0		Absent (0)		This year	
Threatening processes	Feral animal damage		Weed density		Fire impacts			
	Absent		Absent		Some trees/shrubs killed			
Vegetation (20x20)								
Upper stratum	Vegetation Structure		Dominant species			Height (m)	Cover (%)	
	Woodland (21-50%)		<i>Eucalyptus miniata</i>			8	8	
			<i>Corymbia polysciada</i>			12	2	
Mid stratum		Open Shrubland (21-50%)		<i>Erythrophleum chlorostachys</i>				
Ground stratum		Open Tussock Grassland (21-50%)		<i>Terminalia ferdinandiana</i>			1	10
				<i>Xanthostemon paradoxus</i>			2	5
				<i>Buchanania obovata</i>			6	3
Other notes		- Cycads in 50m		<i>Sorghum sp. (annual)</i>			0	45
				<i>Petalostigma quadriloculare</i>			0.3	5
				<i>Xanthostemon paradoxus</i>			0.1	3



Check site	VS-65		Coordinates		-12.636711 131.213856		
Aspect	South		Land unit (nominal)		3c	Land unit (adjusted)	-
Surface soils	Brown-grey Sand		Landform		Plains/Flat Rapidly drained (deep slope / sandy soil)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	5	80	5	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	4		5		3		2
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	7		7		4		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	3		3		1		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		0		Absent (0)		Last year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Very Low		Absent		Minor impact scars on some trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species			Height (m)	Cover (%)
	Woodland (21-50%)		Corymbia polycarpa			8	10
			Corymbia polysciada			10	5
Mid stratum		Eucalyptus miniata			10	3	
		Owenia vernicosa			4	5	
		Terminalia ferdinandiana			1	3	
Ground stratum		Xanthostemon paradoxus			6	3	
		Sorghum sp. (annual)			0	90	
		Petalo stigma quadriloculare			0.2	10	
Closed Tussock Grassland (>80%)		Erythrophleum chlorostachys			0.3	3	
		Other notes					



Check site	VS-66		Coordinates		-12.658227 131.23686		
Aspect	N/A		Land unit (nominal)		4 e 1	Land unit (adjusted)	4 e 2
Surface soils	Grey Sand		Landform		Plains/Flat Rapidly drained (deep slope / sandy soil)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	60	5	8	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	3		15		5		5
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	4		3		1		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	2		0		1		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		0		Scattered (1-5)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Very Low		Absent		Some trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species			Height (m)	Cover (%)
	Open Woodland (5-20%)		<i>Corymbia bella</i>			12	4
			<i>Erythrophleum chlorostachys</i>			7	3
			<i>Buchanania obovata</i>			7	3
Mid stratum	Sparse Shrubland (5-20%)		<i>Planchonia careya</i>			1	5
			<i>Buchanania obovata</i>			1	3
			<i>Terminalia ferdinandiana</i>			3	2
Ground stratum	Sparse Resprouts (5-20%)		<i>Unknown Shrub (see notes)</i>			0	4
			<i>Buchanania obovata</i>			0.1	2
			<i>Unknown Grass (see notes)</i>			0.1	2
Other notes	-						







Check site	VS-67		Coordinates		-12.651064 131.23721		
Aspect	West		Land unit (nominal)		4e1	Land unit (adjusted)	4b
Surface soils	Brown-grey Other		Landform		Plains/Flat Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	50	30	26	<5% Laterite
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	5		20		3		7
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	2		1		2		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	7		1		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	2		2		Common (6-10)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Very Low		1-10%		Some trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Open Woodland (5-20%)		<i>Corymbia polycarpa</i>		7		5
			<i>Erythrophleum chlorostachys</i>		8		5
<i>Corymbia polysciada</i>			7		4		
Mid stratum	Open Shrubland (21-50%)		<i>Terminalia ferdinandiana</i>		1		10
			<i>Syzygium eucalyptoides subsp. bleeseri</i>		1		6
			<i>Planchonia careya</i>		1		5
Ground stratum	Open Resprouts (21-50%)		<i>Corymbia polysciada</i>		0		5
			<i>Terminalia grandiflora</i>		0.1		5
			<i>Erythrophleum chlorostachys</i>		4		5
Other notes	-						



Check site	VS-68		Coordinates		-12.671691 131.242027		
Aspect	South		Land unit (nominal)		4e2	Land unit (adjusted)	-
Surface soils	Grey Sand		Landform		Plains/Flat Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	10	80	6	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	4		10		2		5
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	6		7		2		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	4		2		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		0		Absent (0)		2+ years
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Minor impact scars on some trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Open Woodland (5-20%)		<i>Erythrophleum chlorostachys</i>		12		6
			<i>Xanthostemon paradoxus</i>		10		5
		<i>Eucalyptus miniata</i>		12		3	
Mid stratum	Open Shrubland (21-50%)		<i>Terminalia ferdinandiana</i>		1		8
			<i>Erythrophleum chlorostachys</i>		1		7
			<i>Syzygium eucalyptoides subsp. bleeseri</i>		1		5
Ground stratum	Sparse Tussock Grassland (5-20%)		<i>Xanthostemon paradoxus</i>		0		20
			<i>Syzygium eucalyptoides subsp. bleeseri</i>		0.3		5
			<i>Eriachne sp.</i>		0.1		4
Other notes	- Pandanus present ground over in 50x50. Multiple sick ironwoods in 50x50						



Check site	VS-69		Coordinates		-12.672471 131.252784			
Aspect	South		Land unit (nominal)		4 e 1	Land unit (adjusted)	-	
Surface soils	Brown-grey Sand		Landform		Plains/Flat Moderately well drained (occasional seasonal waterlogging)			
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping	
	0	0	100	1	99	7	-	
Habitat values (50x50)								
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)	
	5		25		2		13	
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead	
	11		9		5		Dead	
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall	
	3		0		2		0	
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire	
	0		0		Absent (0)		2+ years	
Threatening processes	Feral animal damage		Weed density		Fire impacts			
	Very Low		Absent		No damage			
Vegetation (20x20)								
Upper stratum	Vegetation Structure		Dominant species			Height (m)	Cover (%)	
	Open Woodland (5-20%)		<i>Eucalyptus miniata</i>			6	10	
			<i>Corymbia bella</i>			8	2	
Mid stratum		Shrubland (51-80%)		<i>Xanthostemon paradoxus</i>			8	
Ground stratum		Resprouts (51-80%)		<i>Unknown Shrub (see notes)</i>			1	40
				<i>Terminalia ferdinandiana</i>			1	10
				<i>Petalostigma sp.</i>			1	5
Ground stratum		Resprouts (51-80%)		<i>Unknown Grass (see notes)</i>			0	5
				<i>Buchanania obovata</i>			0.1	3
				<i>Syzygium eucalyptoides subsp. bleeseri</i>			0.2	1
Other notes	- Very dense diverse midstory.							
								

Check site	VS-70		Coordinates		-12.666165 131.197086		
Aspect	East		Land unit (nominal)		2b1	Land unit (adjusted)	2b1/6a2
Surface soils	Light brown Clay		Landform		Mid Slope Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	1	99	60	15	24	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	4		20		3		12
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	3		0		0		Alive
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	4		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	2		1		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Very Low		Absent		Some trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Isolated Trees (<5%)		N/A		0		0
			N/A		0		0
Mid stratum	Open Shrubland (21-50%)		<i>Buchanania obovata</i>		3		8
			<i>Planchonia careya</i>		1.5		7
			<i>Corymbia latifolia</i>		5		3
Ground stratum	Open Resprouts (21-50%)		<i>Sorghum sp.</i>		0		15
			<i>Buchanania obovata</i>		0.2		8
			<i>Grewia retusifolia</i>		0.05		7
Other notes	- Isolated eucalyptus tectifica to 14m in vicinity of plot.						
							

Check site	VS-71		Coordinates		-12.621101 131.234005		
Aspect	South East		Land unit (nominal)		3a	Land unit (adjusted)	3a/3b
Surface soils	Brown-grey Loam		Landform		Plains/Flat Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	60	10	35	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	3		5		1		1
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	11		9		6		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	6		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		20		Scattered (1-5)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		No damage		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Open Woodland (5-20%)		<i>Eucalyptus miniata</i>		7		7
			<i>Erythrophleum chlorostachys</i>		8		3
N/A			0		0		
Mid stratum	Sparse Shrubland (5-20%)		<i>Cycas armstrongii</i>		1		5
			<i>Terminalia ferdinandiana</i>		1		4
			<i>Planchonia careya</i>		1		1
Ground stratum	Open Resprouts (21-50%)		<i>Syzygium eucalyptoides subsp. bleeseri</i>		0		25
			<i>Eucalyptus miniata</i>		0.5		15
			<i>Terminalia ferdinandiana</i>		0.5		5
Other notes	-						



Check site	VS-72		Coordinates		-12.638907 131.245724			
Aspect	South West		Land unit (nominal)		4 e 1	Land unit (adjusted)	4c	
Surface soils	Brown-grey Sand		Landform		Plains/Flat Moderately well drained (occasional seasonal waterlogging)			
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping	
	0	0	100	20	7	34	-	
Habitat values (50x50)								
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)	
	5		15		2		2	
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead	
	8		7		6		Both	
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall	
	6		1		0		0	
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire	
	0		0		Absent (0)		This year	
Threatening processes	Feral animal damage		Weed density		Fire impacts			
	Very Low		Absent		Some trees/shrubs killed			
Vegetation (20x20)								
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)	
	Open Woodland (5-20%)		<i>Eucalyptus miniata</i>		8		8	
			<i>Erythrophleum chlorostachys</i>		10		2	
Mid stratum		Isolated Shrubs (<5%)		<i>Buchanania obovata</i>		6	2	
Ground stratum		Open Resprouts (21-50%)		<i>Terminalia ferdinandiana</i>		1		1
				<i>Syzygium eucalyptoides subsp. bleeseri</i>		1		1
				<i>Erythrophleum chlorostachys</i>		1		1
Other notes		- Syzygium suborbicular, pandanus in ground story		<i>Syzygium eucalyptoides subsp. bleeseri</i>		0		10
				<i>Planchonia careya</i>		0.1		8
				<i>Unknown Shrub (see notes)</i>		0.1		7



Check site	VS-73		Coordinates		-12.685981 131.215005		
Aspect	South		Land unit (nominal)		4b	Land unit (adjusted)	-
Surface soils	Brown Loam		Landform		Plains/Flat Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	0	10	8	<5% Laterite
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	6		7		3		3
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	6		6		3		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	6		2		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		0		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Minor impact scars on some trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species			Height (m)	Cover (%)
	Woodland (21-50%)		<i>Corymbia bleeseri</i>			12	20
			<i>Eucalyptus miniata</i>			12	8
		<i>Corymbia polysciada</i>			12	2	
Mid stratum	Sparse Shrubland (5-20%)		<i>Planchonia careya</i>			1	3
			<i>Corymbia polysciada</i>			3	2
			N/A			0	0
Ground stratum	Hummock Grassland (51-80%)		<i>Sorghum sp. (annual)</i>			0	60
			<i>Petalostigma quadriloculare</i>			0.3	10
			<i>Sorghum sp.</i>			0.1	5
Other notes	- In b/w drainage & lower slope. Cycad and pandanus outside plot						



Check site	VS-74		Coordinates		-12.72682 131.142796		
Aspect	South East		Land unit (nominal)		2b2	Land unit (adjusted)	-
Surface soils	Brown-grey Loam		Landform		Lower Slope Moderately well drained		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	4	95	80	2	22	<1% Laterite
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	3		5		0		0
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	0		2		2		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	6		0		1		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		3		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Some trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species			Height (m)	Cover (%)
	Isolated Trees (<5%)		<i>Erythrophleum chlorostachys</i>			12	1
			<i>Terminalia ferdinandiana</i> <i>Corymbia</i> sp.			9	1
Mid stratum	Sparse Shrubland (5-20%)		<i>Livistona humilis</i>			2	4
			<i>Planchonia careya</i>			2	1
			<i>Buchanania obovata</i>			1	1
Ground stratum	Open Forbland (20-50%)		<i>Eucalyptus tetrodonta</i>			30	27
			<i>Heteropogon triticeus</i>			10	5
			<i>Erythrophleum chlorostachys</i>			50	2
Other notes	- Medium rocks 1%, resprout ground layer 30%						





Check site	VS-75		Coordinates		-12.643345 131.195717		
Aspect	South West		Land unit (nominal)		2a1	Land unit (adjusted)	-
Surface soils	Brown-grey Loam		Landform		Plains/Flat Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	35	20	59	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	3		2		2		1
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	11		13		10		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	8		1		1		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		2		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Some trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species			Height (m)	Cover (%)
	Woodland (21-50%)		<i>Eucalyptus miniata</i>			10	13
			<i>Erythrophleum chlorostachys</i>			9	9
			<i>Owenia vernicosa</i>			7	3
Mid stratum	Sparse Shrubland (5-20%)		<i>Acacia hemignosta</i>			0.1	5
			<i>Livistona humilis</i>			1	3
			<i>Planchonia careya</i>			1	2
Ground stratum	Open Tussock Grassland (21-50%)		<i>Sorghum sp. (annual)</i>			0	40
			<i>Eucalyptus miniata</i>			0.2	10
			<i>Planchonia careya</i>			0.2	3
Other notes	- 50% of 20m and 50m plot Unburnt. 2x Pandanus in 50m plot. Active hollow on 50m plot boundary						



Check site	VS-76		Coordinates		-12.69842 131.175906		
Aspect	East		Land unit (nominal)		2b1	Land unit (adjusted)	-
Surface soils	Grey Sand		Landform		Mid Slope Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	2	97	50	15	2	<1% Laterite
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	3		20		2		10
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	13		10		1		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	5		0		1		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		0		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Very Low		Absent		Some trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species			Height (m)	Cover (%)
	Open Woodland (5-20%)		<i>Eucalyptus miniata</i>			10	5
			<i>Erythrophleum chlorostachys</i>			9	5
			<i>Eucalyptus tetradonta</i>			8	5
Mid stratum	Open Shrubland (21-50%)		<i>Livistona humilis</i>			1.5	15
			<i>Acacia sp.</i>			1.5	3
			<i>Buchanania obovata</i>			2	2
Ground stratum	Open Tussock Grassland (21-50%)		<i>Sorghum sp.</i>			0	15
			<i>Syzygium eucalyptoides subsp. bleeseri</i>			0.4	13
			<i>Alloteropsis semialata</i>			0.2	4
Other notes	-						



Check site	VS-77		Coordinates		-12.698553 131.182578		
Aspect	N/A		Land unit (nominal)		4 e 2	Land unit (adjusted)	-
Surface soils	Grey Clay		Landform		Plains/Flat Poorly drained (seasonally waterlogged most years)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	1	99	40	1	0	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	3		25		2		5
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	5		6		0		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	2		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	2		0		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Low		Absent		Some trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species			Height (m)	Cover (%)
	Isolated Trees (<5%)		N/A			0	0
			N/A			0	0
Mid stratum	Open Shrubland (21-50%)		<i>Planchonia careya</i>			1.5	10
			<i>Erythrophleum chlorostachys</i>			2	4
			<i>Buchanania obovata</i>			1.5	4
Ground stratum	Open Tussock Grassland (21-50%)		<i>Sorghum sp.</i>			0	20
			<i>Themeda triandra</i>			0.1	8
			<i>Corymbia latifolia</i>			0.2	2
Other notes	- No upper storey within plot. Isolated trees in vicinity of height approx. 10-15m tall.						
							

Check site	VS-78		Coordinates		-12.702575 131.174999		
Aspect	East		Land unit (nominal)		2b1	Land unit (adjusted)	-
Surface soils	Grey Sand		Landform		Mid Slope Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	1	2	96	40	15	10	<1% Laterite
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	3		10		2		6
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	9		10		0		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	6		2		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		4		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Very Low		Absent		Minor impact scars on most trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Open Woodland (5-20%)		<i>Eucalyptus miniata</i>		7		6
			<i>Terminalia grandiflora</i>		7		6
Mid stratum	Open Shrubland (21-50%)		<i>Erythrophleum chlorostachys</i>		10		6
			<i>Planchonia careya</i>		1.5		4
			<i>Buchanania obovata</i>		1.5		4
Ground stratum	Open Tussock Grassland (21-50%)		<i>Terminalia grandiflora</i>		2		4
			<i>Themeda triandra</i>		0		10
			<i>Mnesithea rottboellioides</i>		0.2		5
Other notes			<i>Buchanania obovata</i>		0.2		5
	-						



Check site	VS-79		Coordinates		-12.720862 131.18008		
Aspect	West		Land unit (nominal)		4 e 2	Land unit (adjusted)	4e2 / 2b1
Surface soils	Brown Other		Landform		Lower Slope Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	2	98	20	20	6	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	3		6		3		5
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	9		14		3		Alive
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	7		2		1		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		2		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Very Low		Absent		Minor impact scars on most trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Open Woodland (5-20%)		<i>Corymbia foelscheana</i>		7		18
			<i>Planchonia careya</i>		7		2
N/A			0		0		
Mid stratum	Sparse Shrubland (5-20%)		<i>Livistona humilis</i>		1		2
			<i>Buchanania obovata</i>		2		1
			<i>Erythrina vespertilio</i>		2		1
Ground stratum	Tussock Grassland (51-80%)		<i>Heteropogon triticeus</i>		0		35
			<i>Chrysopogon sp.</i>		0.1		20
			<i>Unknown Shrub (see notes)</i>		0.5		3
Other notes	-						



Check site	VS-80		Coordinates		-12.68941 131.155027		
Aspect	West		Land unit (nominal)		1b	Land unit (adjusted)	2a1
Surface soils	Brown-grey Other		Landform		Lower Slope Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	11	89	55	3	10	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	2		20		2		7
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	3		4		3		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	10		2		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		9		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Very Low		Absent		Minor impact scars on most trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Open Woodland (5-20%)		<i>Corymbia polysciada</i>		8		3
			<i>Erythrophleum chlorostachys</i>		6		2
		<i>Eucalyptus miniata</i>		6		2	
Mid stratum	Sparse Shrubland (5-20%)		<i>Terminalia ferdinandiana</i>		2		5
			<i>Planchonia careya</i>		3		3
			<i>Xanthostemon paradoxus</i>		3		2
Ground stratum	Sparse Forbland (5-20%)		<i>Eucalyptus tetradonta</i>		0		35
			<i>Petalostigma quadriloculare</i>		0.15		5
			<i>Eriachne ciliata</i>		0.1		3
Other notes	-						



Check site	VS-81		Coordinates		-12.715027 131.15632		
Aspect	N/A		Land unit (nominal)		3b	Land unit (adjusted)	3a/3b
Surface soils	Red Other		Landform		Plains/Flat Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	1	2	96	15	60	8	<1% Laterite
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	3		10		2		3
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	3		9		3		Alive
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	7		0		2		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		32		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Some trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Open Forest (51-80%)		<i>Eucalyptus miniata</i>		15		40
			<i>Erythrophleum chlorostachys</i>		14		20
		N/A		0		0	
Mid stratum	Sparse Shrubland (5-20%)		<i>Cycas armstrongii</i>		1		7
			<i>Planchonia careya</i>		2		5
			<i>Livistona humilis</i>		1		2
Ground stratum	Open Resprouts (21-50%)		<i>Buchanania obovata</i>		0		8
			<i>Acacia sp.</i>		0.15		6
			<i>Heteropogon triticeus</i>		0.15		4
Other notes	-						



Check site	VS-82		Coordinates		-12.697847 131.189197		
Aspect	West		Land unit (nominal)		4 e 2	Land unit (adjusted)	4e2 / 2b1
Surface soils	Grey Clay		Landform		Mid Slope Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	1	2	94	50	3	0	<5% Laterite
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	3		10		2		3
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	2		1		0		Alive
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	5		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		0		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Low		Absent		Some trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species			Height (m)	Cover (%)
	Open Woodland (5-20%)		<i>Erythrophleum chlorostachys</i>			8	3
			<i>Corymbia foelscheana</i>			7	3
Mid stratum	Sparse Shrubland (5-20%)		<i>Planchonia careya</i>			7	2
			<i>Buchanania obovata</i>			1.5	6
			<i>Planchonia careya</i>			2	5
Ground stratum	Open Tussock Grassland (21-50%)		<i>Brachychiton megaphyllus</i>			1.5	3
			<i>Sorghum sp.</i>			0	20
			<i>Heteropogon triticeus</i>			0.2	17
		<i>Erythrophleum chlorostachys</i>			0.2	1	
Other notes	-						



Check site	VS-83		Coordinates		-12.692187 131.184637		
Aspect	N/A		Land unit (nominal)		4 e 2	Land unit (adjusted)	-
Surface soils	Grey Clay		Landform		Drainage (broad swamp/floodplain) Very poorly drained (Seasonal waterlogging / inundation expected)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	1	99	60	10	0	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	3		10		1		1
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	2		2		0		Alive
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	3		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	25		0		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Minor impact scars on most trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Isolated Trees (<5%)		<i>Corymbia foelscheana</i> / <i>C. latifolia</i>		9		4
			N/A		0		0
		N/A		0		0	
Mid stratum	Sparse Shrubland (5-20%)		<i>Pandanus spiralis</i>		1.5		8
			<i>C.foelscheana</i> / <i>C. latifolia</i>		2.5		4
			<i>Melaleuca</i> sp.		3		2
Ground stratum	Open Tussock Grassland (21-50%)		<i>Syzygium eucalyptoides</i> subsp. <i>bleeseri</i>		0		10
			Unknown Grass (see notes)		0.15		8
			Unknown Grass (see notes)		0.15		3
Other notes	-						



Check site	VS-84		Coordinates		-12.711264 131.176198		
Aspect	North East		Land unit (nominal)		2b1	Land unit (adjusted)	-
Surface soils	Brown Other		Landform		Lower Slope Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	2	98	50	20	0	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	4		12		2		6
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	6		4		1		Alive
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	5		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	4		6		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Very Low		Absent		Some trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Woodland (21-50%)		<i>Eucalyptus miniata</i>		10		15
			<i>Erythrophleum chlorostachys</i>		7		6
		<i>Planchonia careya</i>		7		5	
Mid stratum	Sparse Shrubland (5-20%)		<i>Corymbia foelscheana</i>		1.5		7
			<i>Terminalia grandiflora</i>		2		4
			<i>Buchanania obovata</i>		1.5		3
Ground stratum	Open Tussock Grassland (21-50%)		<i>Heteropogon triticeus</i>		0		8
			<i>Xanthostemon paradoxus</i>		0.1		3
			<i>Buchanania obovata</i>		0.15		2
Other notes	Dirt vehicle track on edge of site, drink can rubbish Terminalia grandiflora included in fruiting mid storey.						



Check site	VS-85		Coordinates		-12.719383 131.140536		
Aspect	North West		Land unit (nominal)		2b1	Land unit (adjusted)	-
Surface soils	Brown Loam		Landform		Plains/Flat Moderately well drained		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	0	80	14	<1% Laterite
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	4		5		1		1
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	0		4		2		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	6		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	1		12		Absent (0)		Last year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Minor impact scars on some trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species			Height (m)	Cover (%)
	Open Woodland (5-20%)		<i>Eucalyptus tetrodonta</i>			16	10
Mid stratum	Sparse Shrubland (5-20%)		<i>Erythrophleum chlorostachys</i>			10	8
			<i>Eucalyptus miniata</i>			14	2
			<i>Terminalia ferdinandiana</i>			1	3
Ground stratum	Closed Tussock Grassland (>80%)		<i>Livistona humilis</i>			2	3
			<i>Cycas armstrongii</i>			1	2
			<i>Heteropogon contortus</i>			50	30
Other notes	-		<i>Sorghum sp. (annual)</i>			20	30
			<i>Eucalyptus tetrodonta</i>			20	5



Check site	VS-86		Coordinates		-12.730004 131.133562		
Aspect	West		Land unit (nominal)		1a	Land unit (adjusted)	-
Surface soils	Brown-grey Loam		Landform		Upper Slope Rapidly drained (deep slope / sandy soil)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	5	30	60	10	15	13	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	4		10		4		2
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	3		3		4		Alive
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	4		6		1		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		2		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Minor impact scars on most trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Open Woodland (5-20%)		<i>Eucalyptus tetrodonta</i>		12		10
			N/A		0		0
Mid stratum	Open Shrubland (21-50%)		<i>Terminalia ferdinandiana</i>		4		10
			<i>Planchonia careya</i>		4		8
			<i>Livistona humilis</i>		2		5
Ground stratum	Tussock Grassland (51-80%)		<i>Sorghum sp. (annual)</i>		0		45
			<i>Petalostigma quadriloculare</i>		0.3		10
			<i>Buchanania obovata</i>		0.4		6
Other notes	-						



Check site	VS-87		Coordinates		-12.719472 131.120113		
Aspect	East		Land unit (nominal)		3b	Land unit (adjusted)	-
Surface soils	Brown-grey Other		Landform		Plains/Flat Rapidly drained (deep slope / sandy soil)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	20	5	4	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	5		10		2		5
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	14		16		1		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	7		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		4		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Minor impact scars on most trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Open Woodland (5-20%)		<i>Eucalyptus miniata</i>		8		10
			N/A		0		0
Mid stratum		Sparse Shrubland (5-20%)		<i>Terminalia ferdinandiana</i>		1	5
				<i>Livistona humilis</i>		1	2
				<i>Planchonia careya</i>		1	1
Ground stratum		Open Tussock Grassland (21-50%)		<i>Sorghum sp. (annual)</i>		0	20
				<i>Heteropogon triticeus</i>		0.1	5
				<i>Eucalyptus tetradonta</i>		0.5	3
Other notes	-						



Check site	VS-88		Coordinates		-12.718272 131.122308		
Aspect	East		Land unit (nominal)		5b1	Land unit (adjusted)	-
Surface soils	Brown-grey Loam		Landform		Drainage (broad swamp/floodplain) Very poorly drained (Seasonal waterlogging / inundation expected)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	35	35	27	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	2		5		2		3
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	5		22		1		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	14		2		1		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	16		0		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Minor impact scars on some trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Woodland (21-50%)		<i>Melaleuca viridiflora</i>		10		20
			<i>Lophostemon lactifluus</i>		10		5
		<i>Corymbia bella</i>		8		5	
Mid stratum	Open Shrubland (21-50%)		<i>Pandanus spiralis</i>		1		10
			<i>Bridelia tomentosa</i>		1		10
			<i>Timonius timons</i>		2		5
Ground stratum	Open Tussock Grassland (21-50%)		<i>Germainia grandiflora</i>		0		10
			<i>Mnesithea rottboellioides</i>		0.2		5
			<i>Eriachne sp.</i>		0.2		2
Other notes	- Unknown large tree species > 50cm - dead						



Check site	VS-89		Coordinates		-12.739771 131.12954		
Aspect	East		Land unit (nominal)		1c	Land unit (adjusted)	-
Surface soils	Black Organic		Landform		Upper Slope Rapidly drained (deep slope / sandy soil)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	5	50	25	0	20	23	<5% Laterite
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	5		3		8		4
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	9		5		2		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	11		2		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		7		Scattered (1-5)		2+ years
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Minor impact scars on some trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Open Woodland (5-20%)		<i>Eucalyptus tetrodonta</i>		12		10
			<i>Erythrophleum chlorostachys</i>		12		3
			<i>Eucalyptus miniata</i>		12		2
Mid stratum	Open Shrubland (21-50%)		<i>Terminalia ferdinandiana</i>		2		20
			<i>Xanthostemon paradoxus</i>		4		15
			<i>Brachychiton megaphyllus</i>		1.5		5
Ground stratum	Open Resprouts (21-50%)		<i>Petalostigma quadriloculare</i>		0		10
			<i>Brachychiton megaphyllus</i>		0.3		5
			<i>Hibbertia juncea</i>		0.3		3
Other notes	-						



Check site	VS-90		Coordinates		-12.742214 131.133161		
Aspect	East		Land unit (nominal)		1a	Land unit (adjusted)	-
Surface soils	Brown Loam		Landform		Upper Slope Rapidly drained (deep slope / sandy soil)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	15	85	15	10	0	<30% Laterite
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	4		10		3		5
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	2		2		2		Dead
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	8		1		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		15		Common (6-10)		Last year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Minor impact scars on some trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Woodland (21-50%)		<i>Eucalyptus miniata</i>		10		10
			<i>Eucalyptus tetradonta</i>		12		5
		N/A		0		0	
Mid stratum	Open Shrubland (21-50%)		<i>Terminalia ferdinandiana</i>		5		10
			<i>Erythrophleum chlorostachys</i>		7		8
			<i>Xanthostemon paradoxus</i>		6		5
Ground stratum	Open Resprouts (21-50%)		<i>Terminalia carpentariae</i>		0		10
			<i>Cycas armstrongii</i>		0.2		5
			<i>Erythrophleum chlorostachys</i>		0.2		3
Other notes	-						



Check site	VS-91		Coordinates		-12.745609 131.133086		
Aspect	South		Land unit (nominal)		2a1	Land unit (adjusted)	2a1 / 2b2
Surface soils	Black Organic		Landform		Mid Slope Rapidly drained (deep slope / sandy soil)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	5	35	55	15	5	16	Quartz-Laterite Mix <5%
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	4		10		3		8
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	0		1		1		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	8		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		6		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		1-10%		Minor impact scars on most trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Open Woodland (5-20%)		<i>Eucalyptus miniata</i>		10		4
			<i>Corymbia confertiflora</i>		12		2
			N/A		0		0
Mid stratum	Open Shrubland (21-50%)		<i>Terminalia ferdinandiana</i>		4		10
			<i>Xanthostemon paradoxus</i>		6		6
			<i>Livistona humilis</i>		1.5		5
Ground stratum	Tussock Grassland (51-80%)		<i>Heteropogon triticeus</i>		0		60
			<i>Unknown Shrub (see notes)</i>		0.4		3
			<i>Brachychiton megaphyllus</i>		0.3		2
Other notes	-						



Check site	VS-92		Coordinates		-12.768519 131.134226		
Aspect	North		Land unit (nominal)		2a2	Land unit (adjusted)	2a2/3a
Surface soils	Brown Sand		Landform		Plains/Flat Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	35	6	10	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	5		10		5		2
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	16		6		8		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	11		2		2		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	1		3		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Low		Absent		Minor impact scars on most trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Open Woodland (5-20%)		<i>Eucalyptus tetrodonta</i>		10		5
			<i>Erythrophleum chlorostachys</i>		7		4
Mid stratum	Open Shrubland (21-50%)		<i>Corymbia foelscheana/C. latifolia</i>		10		2
			<i>Corymbia foelscheana/C. latifolia</i>		6		10
			<i>Livistona humilis</i>		2		1.5
Ground stratum	Open Tussock Grassland (21-50%)		<i>Planchonia careya</i>		3		3
			<i>Unknown Grass (see notes)</i>		0		10
			<i>Buchanania obovata</i>		0.5		5
		<i>Cycas armstrongii</i>		0.5		3	
Other notes	-						



Check site	VS-93		Coordinates		-12.771352 131.140375		
Aspect	South East		Land unit (nominal)		3c	Land unit (adjusted)	-
Surface soils	Brown-grey Sand		Landform		Plains/Flat Rapidly drained (deep slope / sandy soil)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	5	95	40	15	10	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	5		12		2		4
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	4		2		5		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	9		3		1		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		3		Scattered (1-5)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Some trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Woodland (21-50%)		<i>Eucalyptus tetrodonta</i>		10		20
			<i>Eucalyptus miniata</i>		10		10
		N/A		0		0	
Mid stratum	Sparse Shrubland (5-20%)		<i>Acacia sp.</i>		2.5		5
			<i>Terminalia ferdinandiana</i>		2		4
			<i>Livistona humilis</i>		1.5		3
Ground stratum	Open Resprouts (21-50%)		<i>Acacia sp.</i>		0		10
			<i>Terminalia grandiflora</i>		0.2		5
			<i>Petalostigma quadriloculare</i>		0.2		3
Other notes	-						



Check site	VS-94		Coordinates		-12.777482 131.139582		
Aspect	East		Land unit (nominal)		3e	Land unit (adjusted)	-
Surface soils	Brown Sand		Landform		Drainage (broad swamp/floodplain) Very poorly drained (Seasonal waterlogging / inundation expected)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	45	5	0	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	4		5		2		3
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	8		2		0		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	7		2		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	8		0		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Very Low		Absent		Minor impact scars on most trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Open Woodland (5-20%)		<i>Erythrophleum chlorostachys</i>		7		6
			N/A		0		0
Mid stratum	Open Shrubland (21-50%)		<i>Planchonia careya</i>		2.5		8
			<i>Pandanus spiralis</i>		2.5		4
			<i>Petalostigma pubescens</i>		2		3
Ground stratum	Open Tussock Grassland (21-50%)		<i>Heteropogon triticeus</i>		0		10
			<i>Melaleuca nervosa</i>		0.1		8
			<i>Melaleuca viridiflora</i>		0.1		5
Other notes	-						



Check site	VS-95		Coordinates		-12.779557 131.137408		
Aspect	North		Land unit (nominal)		6a2	Land unit (adjusted)	-
Surface soils	Brown Sand		Landform		Drainage (broad swamp/floodplain) Very poorly drained (Seasonal waterlogging / inundation expected)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	20	30	4.5	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	3		5		3		5
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	24		3		4		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	11		1		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	11		0		Absent (0)		2+ years
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Minor impact scars on most trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Woodland (21-50%)		<i>Lophostemon lactiflorus</i>		6		12
			<i>Corymbia grandifolia</i>		10		8
			<i>Erythrophleum chlorostachys</i>		7		5
Mid stratum	Sparse Shrubland (5-20%)		<i>Pandanus spiralis</i>		2		8
			<i>Grevillea pteridifolia</i>		3		5
			<i>Petalostigma pubescens</i>		2		2
Ground stratum	Open Resprouts (21-50%)		<i>Lophostemon lactiflorus</i>		0		35
			<i>Melaleuca nervosa</i>		0.1		15
			<i>Terminalia platyphylla</i>		0.2		10
Other notes	-						



Check site	VS-96		Coordinates		-12.776876 131.15078			
Aspect	South East		Land unit (nominal)		3c	Land unit (adjusted)	3e	
Surface soils	Brown Sand		Landform		Drainage (broad swamp/floodplain) Poorly drained (seasonally waterlogged most years)			
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping	
	0	7	93	25	5	0	-	
Habitat values (50x50)								
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)	
	5		15		2		6	
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead	
	10		6		3		Both	
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall	
	5		0		0		0	
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire	
	0		17		Absent (0)		Last year	
Threatening processes	Feral animal damage		Weed density		Fire impacts			
	Absent		Absent		Minor impact scars on some trees/shrubs			
Vegetation (20x20)								
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)	
	Open Woodland (5-20%)		<i>Erythrophleum chlorostachys</i>		8		4	
			<i>Terminalia grandiflora</i>		6		3	
Mid stratum		Sparse Shrubland (5-20%)		<i>Terminalia ferdinandiana</i>		2	6	
Ground stratum		Open Resprouts (21-50%)		<i>Planchonia careya</i>		2		4
				<i>Terminalia grandiflora</i>		2		3
				<i>Terminalia grandiflora</i>		0		10
Other notes		-		<i>Erythrophleum chlorostachys</i>		0.2		5
				<i>Ficus aculeata</i>		0.5		3



Check site	VS-97		Coordinates		-12.778625 131.154437		
Aspect	N/A		Land unit (nominal)		6b	Land unit (adjusted)	-
Surface soils	Grey Other		Landform		Drainage (broad swamp/floodplain) Very poorly drained (Seasonal waterlogging / inundation expected)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	0	5	0	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	0		0		1		1
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	0		0		0		N/A
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	0		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	20		0		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Very Low		Absent		Some trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Isolated Trees (<5%)		<i>Pandanus spiralis</i>		3		2
			<i>Hakea arborescens</i>		4		1
		N/A		0		0	
Mid stratum	Open Shrubland (21-50%)		<i>Melaleuca viridiflora</i>		1		25
			<i>Lophostemon lactifluus</i>		1		1
			<i>Terminalia sp.</i>		1		1
Ground stratum	Sparse Tussock Grassland (5-20%)		<i>Chrysopogon sp.</i>		0		5
			<i>Eriachne sp.</i>		0.1		2
			<i>Melaleuca viridiflora</i>		0.1		10
Other notes	Access track						





Check site	VS-98		Coordinates		-12.770357 131.153028		
Aspect	South West		Land unit (nominal)		2b2	Land unit (adjusted)	-
Surface soils	Brown-grey Other		Landform		Plains/Flat Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	35	1	21	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	4		8		4		5
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	0		0		0		N/A
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	0		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	2		27		Absent (0)		2+ years
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Minor impact scars on most trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species			Height (m)	Cover (%)
	Open Woodland (5-20%)		<i>Terminalia grandiflora</i>			8	5
			<i>Corymbia polysciada</i>			8	2
<i>Erythrophleum chlorostachys</i>			7	1			
Mid stratum	Sparse Shrubland (5-20%)		<i>Cycas armstrongii</i>			1	5
			<i>Livistona humilis</i>			1	2
			<i>Terminalia grandiflora</i>			1	1
Ground stratum	Open Tussock Grassland (21-50%)		<i>Chrysopogon sp.</i>			0	15
			<i>Heteropogon triticeus</i>			0.1	5
			<i>Sorghum sp. (annual)</i>			0.1	5
Other notes	-						



Check site	VS-99		Coordinates		-12.766945 131.152946		
Aspect	West		Land unit (nominal)		2a1	Land unit (adjusted)	-
Surface soils	Brown Other		Landform		Plains/Flat Rapidly drained (deep slope / sandy soil)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	5	95	10	5	0	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	0		0		0		0
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	7		12		0		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	0		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		6		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Some trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Open Woodland (5-20%)		<i>Eucalyptus miniata</i>		6		5
			<i>Eucalyptus tectifica</i>		8		2
Mid stratum		Sparse Shrubland (5-20%)		<i>Eucalyptus miniata</i>		5	
				<i>Livistona humilis</i>		1	
				<i>Erythrophleum chlorostachys</i>		4	
Ground stratum		Sparse Tussock Grassland (5-20%)		<i>Heteropogon triticeus</i>		0	
				<i>Eriachne ciliata</i>		0.1	
				<i>Chrysopogon sp.</i>		0.1	
Other notes	Old car body, sheets of tin						



Check site	VS-100		Coordinates		-12.746367 131.153928			
Aspect	N/A		Land unit (nominal)		4c	Land unit (adjusted)	4c/2b2	
Surface soils	Brown Other		Landform		Plains/Flat Moderately well drained (occasional seasonal waterlogging)			
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping	
	0	0	100	20	5	0	-	
Habitat values (50x50)								
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)	
	2		5		3		5	
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead	
	0		0		0		N/A	
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall	
	0		0		0		0	
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire	
	0		0		Absent (0)		This year	
Threatening processes	Feral animal damage		Weed density		Fire impacts			
	Absent		Absent		Minor impact scars on some trees/shrubs			
Vegetation (20x20)								
Upper stratum	Vegetation Structure		Dominant species			Height (m)		Cover (%)
	Open Woodland (5-20%)		<i>Corymbia</i> sp.			8		10
			<i>Planchonia careya</i>			4		1
		N/A			0		0	
Mid stratum	Sparse Shrubland (5-20%)		<i>Terminalia grandiflora</i>			1		2
			<i>Corymbia</i> sp.			1		1
			<i>Livistona humilis</i>			2		1
Ground stratum	Open Tussock Grassland (21-50%)		<i>Heteropogon triticeus</i>			0		15
			<i>Sorghum intrans</i>			0.1		5
			<i>Eriachne</i> sp.			0.1		2
Other notes	-							
								

Check site	VS-101		Coordinates		-12.748988 131.156722			
Aspect	South West		Land unit (nominal)		2b2	Land unit (adjusted)	-	
Surface soils	Brown Other		Landform		Lower Slope Moderately well drained (occasional seasonal waterlogging)			
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping	
	0	0	100	30	10	0	-	
Habitat values (50x50)								
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)	
	3		15		4		10	
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead	
	2		0		0		Alive	
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall	
	0		0		0		0	
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire	
	2		1		Absent (0)		This year	
Threatening processes	Feral animal damage		Weed density		Fire impacts			
	Absent		1-10%		Some trees/shrubs killed			
Vegetation (20x20)								
Upper stratum	Vegetation Structure		Dominant species			Height (m)		Cover (%)
	Open Woodland (5-20%)		<i>Eucalyptus miniata</i>			10		1
			<i>Corymbia foelscheana</i>			5		4
			N/A			0		0
Mid stratum	Open Shrubland (21-50%)		<i>Planchonia careya</i>			1		10
			<i>Ficus aculeata</i>			3		3
			<i>Brachychiton megaphyllus</i>			1		2
Ground stratum	Open Tussock Grassland (21-50%)		<i>Sorghum sp. (annual)</i>			0		20
			<i>Themeda triandra</i>			0.1		10
			<i>Chrysopogon sp.</i>			0.1		3
Other notes	-							



Check site	VS-102		Coordinates		-12.736515 131.161269			
Aspect	North		Land unit (nominal)		5b1	Land unit (adjusted)	-	
Surface soils	Brown Loam		Landform		Drainage (incised channel) Moderately well drained (occasional seasonal waterlogging)			
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping	
	0	0	100	5	80	6	-	
Habitat values (50x50)								
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)	
	2		10		1		1	
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead	
	2		1		0		Alive	
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall	
	7		8		6		0	
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire	
	16		0		Absent (0)		2+ years	
Threatening processes	Feral animal damage		Weed density		Fire impacts			
	Very Low		1-10%		No damage			
Vegetation (20x20)								
Upper stratum	Vegetation Structure		Dominant species			Height (m)		Cover (%)
	Open Forest (51-80%)		Lophostemon grandiflorus ssp. riparius			8		50
			Unknown Tree (see notes)			7		10
			Unknown Tree (see notes)			7		5
Mid stratum	Shrubland (51-80%)		Pandanus spiralis			1		30
			Timonius timons			1		10
			Planchonia careya			1		5
Ground stratum	Tussock Grassland (51-80%)		Andropogon gayanus			0		40
			Unknown Grass (see notes)			0.3		10
			Eriachne sp.			0.3		5
Other notes	Fence line with firebreak and track running through plot Riparian corridor with lots of mature pandanus.							

Check site	VS-103		Coordinates		-12.726801 131.152477		
Aspect	East		Land unit (nominal)		2b1	Land unit (adjusted)	-
Surface soils	Brown Other		Landform		Plains/Flat Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	50	5	14	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	3		15		1		15
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	1		6		0		Alive
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	4		2		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	6		0		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Minor impact scars on most trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Open Woodland (5-20%)		<i>Erythrophleum chlorostachys</i>		10		10
			<i>Syzygium suborbiculare</i>		10		2
		<i>Planchonia careya</i>		6		1	
Mid stratum	Open Shrubland (21-50%)		<i>Livistona humilis</i>		1		20
			<i>Terminalia ferdinandiana</i>		1		5
			<i>Eucalyptus tetrodonta</i>		2		2
Ground stratum	Open Tussock Grassland (21-50%)		<i>Heteropogon triticeus</i>		0		10
			<i>Sorghum sp. (annual)</i>		0.1		10
			<i>Eriachne sp.</i>		0.1		5
Other notes	-						



Check site	VS-104		Coordinates		-12.724317 131.145757			
Aspect	South West		Land unit (nominal)		1c	Land unit (adjusted)	2b2	
Surface soils	Brown Other		Landform		Mid Slope Moderately well drained (occasional seasonal waterlogging)			
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping	
	0	5	95	40	5	8	<1% Laterite	
Habitat values (50x50)								
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)	
	2		5		2		5	
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead	
	6		4		2		Both	
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall	
	5		0		0		0	
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire	
	0		7		Absent (0)		This year	
Threatening processes	Feral animal damage		Weed density		Fire impacts			
	Absent		Absent		Minor impact scars on most trees/shrubs			
Vegetation (20x20)								
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)	
	Open Woodland (5-20%)		<i>Erythrophleum chlorostachys</i>		8		10	
			<i>Terminalia ferdinandiana</i>		10		3	
Mid stratum		Sparse Shrubland (5-20%)		<i>Planchonia careya</i>		8	2	
Ground stratum		Tussock Grassland (51-80%)		<i>Cycas armstrongii</i>		1		2
				<i>Livistona humilis</i>		1		1
				<i>Terminalia ferdinandiana</i>		1		1
Other notes		Access track		<i>Sorghum sp. (annual)</i>		0		40
				<i>Alloteropsis (Cockatoo Grass)</i>		0.1		5
				<i>Heteropogon triticeus</i>		0.1		2



Check site	VS-105		Coordinates		-12.718663 131.147928		
Aspect	West		Land unit (nominal)		3b	Land unit (adjusted)	-
Surface soils	Brown Other		Landform		Plains/Flat Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	5	95	55	10	4	<5% Laterite
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	3		15		2		5
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	2		6		2		Alive
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	3		1		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		7		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Minor impact scars on most trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Open Woodland (5-20%)		<i>Erythrophleum chlorostachys</i>		8		5
			<i>Eucalyptus tetradonta</i>		10		3
		<i>Eucalyptus miniata</i>		10		2	
Mid stratum	Open Shrubland (21-50%)		<i>Eucalyptus tetradonta</i>		1		15
			<i>Terminalia ferdinandiana</i>		3		5
			<i>Brachychiton megaphyllus</i>		4		2
Ground stratum	Open Tussock Grassland (21-50%)		<i>Sorghum sp. (annual)</i>		0		20
			<i>Alloteropsis (Cockatoo Grass)</i>		0.1		5
			<i>Eucalyptus tetradonta</i>		0		0.5
Other notes	-						



Check site	VS-106		Coordinates		-12.717408 131.143095		
Aspect	N/A		Land unit (nominal)		4b	Land unit (adjusted)	4b/3c/3b
Surface soils	Brown Other		Landform		Plains/Flat Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	40	5	5	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	3		5		2		5
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	3		6		1		Alive
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	5		1		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		0		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Minor impact scars on most trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species			Height (m)	Cover (%)
	Open Woodland (5-20%)		<i>Eucalyptus miniata</i>			8	10
			<i>Terminalia grandiflora</i>			6	2
		<i>Erythrophleum chlorostachys</i>			6	2	
Mid stratum	Sparse Shrubland (5-20%)		<i>Livistona humilis</i>			1	5
			<i>Planchonia careya</i>			2	2
			<i>Buchanania obovata</i>			1	2
Ground stratum	Open Tussock Grassland (21-50%)		<i>Sorghum sp. (annual)</i>			0	25
			<i>Heteropogon triticeus</i>			0.1	5
			<i>Eucalyptus tetradonta</i>			0.5	5
Other notes	- Unknown large tree specie (40-50 cm) - dead						



Check site	VS-107		Coordinates		-12.705197 131.195926		
Aspect	East		Land unit (nominal)		2a1	Land unit (adjusted)	-
Surface soils	Brown-grey Other		Landform		Mid Slope Rapidly drained (deep slope / sandy soil)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	15	85	5	2	2	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	3		7.5		1		2
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	7		5		0		Dead
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	3		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		6		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Minor impact scars on some trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Open Woodland (5-20%)		<i>Eucalyptus miniata</i>		8		10
			<i>Corymbia bleeseri</i>		10		3
Mid stratum		Sparse Shrubland (5-20%)		<i>Planchonia careya</i>		3	3
				<i>Buchanania obovata</i>		1	3
				<i>Livistona humilis</i>		1	2
Ground stratum	Open Tussock Grassland (21-50%)		<i>Sorghum sp. (annual)</i>		0		15
			<i>Heteropogon triticeus</i>		0.1		5
			<i>Themeda triandra</i>		0.5		2
Other notes	-						





Check site	VS-108		Coordinates		-12.712041 131.199874		
Aspect	East		Land unit (nominal)		2b1	Land unit (adjusted)	2b1/2a1
Surface soils	Brown Other		Landform		Lower Slope Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	20	2	8	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	2		5		2		3
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	6		4		0		Alive
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	4		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		0		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Minor impact scars on some trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Open Woodland (5-20%)		<i>Corymbia sp.</i>		6		10
			N/A		0		0
Mid stratum	Sparse Shrubland (5-20%)		<i>Corymbia sp.</i>		1		5
			<i>Planchonia careya</i>		1		2
			<i>Erythrina vespertilio</i>		1		1
Ground stratum	Open Tussock Grassland (21-50%)		<i>Heteropogon triticeus</i>		0		15
			<i>Themeda triandra</i>		0.5		15
			<i>Mnesithea rottboellioides</i>		0.5		5
Other notes	-						



Check site	VS-109		Coordinates		-12.718709 131.19551		
Aspect	South East		Land unit (nominal)		2a1	Land unit (adjusted)	-
Surface soils	Brown Other		Landform		Mid Slope Rapidly drained (deep slope / sandy soil)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	20	80	1	2	6	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	1		1		2		5
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	3		8		1		Alive
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	3		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		0		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Minor impact scars on some trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Open Woodland (5-20%)		<i>Eucalyptus miniata</i>		8		10
			<i>Corymbia bleeseri</i>		10		5
		N/A		0		0	
Mid stratum	Sparse Shrubland (5-20%)		<i>Corymbia sp.</i>		1		5
			<i>Livistona humilis</i>		1		1
			<i>Eucalyptus tectifera</i>		1		1
Ground stratum	Open Tussock Grassland (21-50%)		<i>Eriachne ciliata</i>		0		10
			<i>Petalostigma quadriloculare</i>		0.3		5
			<i>Sorghum sp. (annual)</i>		0.1		5
Other notes	-						



Check site	VS-110		Coordinates		-12.707112 131.199151		
Aspect	East		Land unit (nominal)		4a	Land unit (adjusted)	-
Surface soils	Brown Other		Landform		Lower Slope Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	10	90	30	1	2	<1% Laterite
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	4		7.5		3		3
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	0		4		0		Alive
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	2		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	1		0		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Minor impact scars on some trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Open Woodland (5-20%)		<i>Corymbia polysciada</i>		10		3
			<i>Corymbia polycarpa</i>		10		2
		N/A		0		0	
Mid stratum	Sparse Shrubland (5-20%)		<i>Terminalia ferdinandiana</i>		1		3
			<i>Planchonia careya</i>		3		3
			<i>Buchanania obovata</i>		2		3
Ground stratum	Open Tussock Grassland (21-50%)		<i>Sorghum sp. (annual)</i>		0		25
			<i>Xanthostemon paradoxus</i>		0.2		5
			<i>Themeda triandra</i>		0.5		3
Other notes	-						
							

Check site	VS-111		Coordinates		-12.717471 131.181386		
Aspect	East		Land unit (nominal)		2a1	Land unit (adjusted)	-
Surface soils	Brown Other		Landform		Mid Slope Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	40	5	4	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	3		10		2		5
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	4		6		0		Alive
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	3		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		0		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Minor impact scars on some trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Open Woodland (5-20%)		<i>Corymbia foelscheana</i>		5		10
			<i>Erythrophleum chlorostachys</i>		10		2
			N/A		0		0
Mid stratum	Sparse Shrubland (5-20%)		<i>Planchonia careya</i>		1		5
			<i>Livistona humilis</i>		1		2
			<i>Buchanania obovata</i>		1		1
Ground stratum	Open Tussock Grassland (21-50%)		<i>Heteropogon triticeus</i>		0		20
			<i>Themeda triandra</i>		0.5		10
			<i>Mnesithea rottboellioides</i>		0.5		5
Other notes	-						



Check site	VS-112		Coordinates		-12.644773 131.176624			
Aspect	N/A		Land unit (nominal)		6b	Land unit (adjusted)	-	
Surface soils	Grey Sand		Landform		Plains/Flat Poorly drained (seasonally waterlogged most years)			
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping	
	0	0	100	80	5	17	-	
Habitat values (50x50)								
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)	
	5		5		4		3	
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead	
	5		1		0		Alive	
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall	
	2		1		0		0	
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire	
	3		0		Absent (0)		This year	
Threatening processes	Feral animal damage		Weed density		Fire impacts			
	Low		Absent		Some trees/shrubs killed			
Vegetation (20x20)								
Upper stratum	Vegetation Structure		Dominant species			Height (m)		Cover (%)
	Open Woodland (5-20%)		<i>Erythrophleum chlorostachys</i>			8		4
			<i>Terminalia grandiflora</i>			10		2
			<i>Grevillea pteridifolia</i>			11		1
Mid stratum	Sparse Shrubland (5-20%)		<i>Petalostigma quadriloculare</i>			1.5		4
			<i>Syzygium eucalyptoides subsp. bleeseri</i>			1.5		2
			<i>Terminalia grandiflora</i>			4		2
Ground stratum	Open Tussock Grassland (21-50%)		<i>Sorghum sp.</i>			0		10
			<i>Syzygium eucalyptoides subsp. bleeseri</i>			0.3		8
			<i>Heteropogon triticeus</i>			0.2		1
Other notes	Adjacent to sand mining activities (cleared)							
								

Check site	VS-113		Coordinates		-12.654247 131.176668		
Aspect	South		Land unit (nominal)		1b	Land unit (adjusted)	2b1
Surface soils	Brown Clay		Landform		Upper Slope Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	1	99	50	25	6	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	4		10		3		3
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	2		4		0		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	11		3		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		9		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Some trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species			Height (m)	Cover (%)
	Open Woodland (5-20%)		<i>Eucalyptus miniata</i>			10	10
			<i>Erythrophleum chlorostachys</i>			10	7
			<i>Corymbia bleeseri</i>			12	3
Mid stratum	Sparse Shrubland (5-20%)		<i>Terminalia ferdinandiana</i>			2	7
			<i>Cycas armstrongii</i>			1.5	1
			<i>Buchanania obovata</i>			1	1
Ground stratum	Open Tussock Grassland (21-50%)		<i>Heteropogon triticeus</i>			0	25
			<i>Eucalyptus sp.</i>			0.3	5
			<i>Terminalia ferdinandiana</i>			0.6	2
Other notes	- Ground storey eucalyptus sp is assorted eucalyptus and Corymbia spp.						



Check site	VS-114		Coordinates		-12.670472 131.187337		
Aspect	N/A		Land unit (nominal)		8b	Land unit (adjusted)	-
Surface soils	Brown-grey Silt		Landform		Drainage (broad swamp/floodplain) Very poorly drained (Seasonal waterlogging / inundation expected)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	4	10	0	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	0		0		1		30
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	0		0		0		N/A
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	0		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		0		Absent (0)		2+ years
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Very Low		Absent		Some trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Isolated Trees (<5%)		<i>Melaleuca cajuputi</i>		7		5
			N/A		0		0
N/A		0		0		0	
Mid stratum	Closed Shrubland (>80%)		<i>Melaleuca cajuputi</i>		1		50
			N/A		0		0
			N/A		0		0
Ground stratum	Closed Resprouts (>80%)		<i>Melaleuca cajuputi</i>		0		80
			N/A		0		0
			N/A		0		0
Other notes	- Mel. Cajuputi swamp						
							

Check site	VS-115		Coordinates		-12.641005 131.163225			
Aspect	North East		Land unit (nominal)		4a	Land unit (adjusted)	-	
Surface soils	Brown-grey Sand		Landform		Lower Slope Moderately well drained (occasional seasonal waterlogging)			
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping	
	0	5	95	30	20	8	-	
Habitat values (50x50)								
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)	
	3		5		3		5	
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead	
	0		0		0		N/A	
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall	
	3		2		1		0	
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire	
	9		0		Absent (0)		Last year	
Threatening processes	Feral animal damage		Weed density		Fire impacts			
	Absent		Absent		Minor impact scars on some trees/shrubs			
Vegetation (20x20)								
Upper stratum	Vegetation Structure		Dominant species			Height (m)	Cover (%)	
	Open Woodland (5-20%)		<i>Terminalia ferdinandiana</i>			6	15	
			<i>Corymbia polycarpa</i>			10	5	
Mid stratum		Open Shrubland (21-50%)		<i>Erythrophleum chlorostachys</i>			5	10
Ground stratum		Sparse Tussock Grassland (5-20%)		<i>Sorghum sp. (annual)</i>			0	5
				<i>Unknown Grass</i>			0.1	5
				<i>Unknown Grass</i>			0.2	1
Other notes	-							



Check site	VS-116		Coordinates		-12.639455 131.164334		
Aspect	North		Land unit (nominal)		5b2	Land unit (adjusted)	5b2 / 6a1
Surface soils	Grey Sand		Landform		Drainage (broad swamp/floodplain) Poorly drained (seasonally waterlogged most years)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	25	15	4	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	2		5		3		5
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	0		0		0		N/A
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	0		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	19		0		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Minor impact scars on most trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species			Height (m)	Cover (%)
	Open Woodland (5-20%)		<i>Pandanus spiralis</i>			5	15
			<i>Planchonia careya</i>			8	5
			<i>Erythrophleum chlorostachys</i>			8	2
Mid stratum	Shrubland (51-80%)		<i>Pandanus spiralis</i>			1	50
			<i>Planchonia careya</i>			2	8
			<i>Livistona humilis</i>			1.5	2
Ground stratum	Tussock Grassland (51-80%)		<i>Eriachne sp.</i>			0	40
			<i>Sorghum intrans</i>			0.5	15
			<i>Melaleuca nervosa</i>			0.1	5
Other notes	-						



Check site	VS-117		Coordinates		-12.637054 131.164635		
Aspect	South		Land unit (nominal)		1b	Land unit (adjusted)	2a1
Surface soils	Brown-grey Gravel		Landform		Mid Slope Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	5	95	10	30	12	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	5		2		10		2
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	0		0		0		N/A
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	3		1		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		3		Scattered (1-5)		Last year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Minor impact scars on most trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Woodland (21-50%)		<i>Corymbia foelscheana</i> <i>Erythrophleum chlorostachys</i> <i>Syzygium eucalyptoides</i> subsp. <i>bleeseri</i>		6 6 2		15 10 5
Mid stratum	Open Shrubland (21-50%)		<i>Planchonia careya</i> <i>Erythrophleum chlorostachys</i> <i>Buchanania obovata</i>		4 1.5 1		10 8 2
	Open Tussock Grassland (21-50%)		<i>Sorghum plumosum</i> Unknown Grass Unknown Grass		0 0.2 0.1		15 5 5
Other notes	-						







Check site	VS-118		Coordinates		-12.634603 131.165486		
Aspect	North		Land unit (nominal)		1b	Land unit (adjusted)	2b2 / 1b
Surface soils	Red Loam		Landform		Upper Slope Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	25	25	6	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	2		5		4		10
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	0		1		0		Alive
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	4		2		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		6		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Very Low		Absent		Some trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species			Height (m)	Cover (%)
	Woodland (21-50%)		<i>Eucalyptus miniata</i>			8	8
			<i>Eucalyptus tectifica</i>			9	5
Mid stratum	Sparse Shrubland (5-20%)		<i>Erythrophleum chlorostachys</i>			8	5
			<i>Xanthostemon paradoxus</i>			4	3
			<i>Cycas armstrongii</i>			1	2
Ground stratum	Open Resprouts (21-50%)		<i>Planchonia careya</i>			4	2
			<i>Erythrophleum chlorostachys</i>			0	10
			<i>Eucalyptus tetradonta</i>			0.5	8
Other notes	Bunding between track and site, on outer edge of site		<i>Xanthostemon paradoxus</i>			0.5	5







Check site	VS-119		Coordinates		-12.630982 131.167157		
Aspect	North East		Land unit (nominal)		2b2	Land unit (adjusted)	-
Surface soils	Brown-grey Gravel		Landform		Plains/Flat Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	10	20	6	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	2		5		4		15
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	3		3		1		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	6		3		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		8		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Minor impact scars on some trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species			Height (m)	Cover (%)
	Woodland (21-50%)		<i>Eucalyptus miniata</i>			8	5
			<i>Xanthostemon paradoxus</i>			6	10
		<i>Erythrophleum chlorostachys</i>			7	10	
Mid stratum	Open Shrubland (21-50%)		<i>Terminalia ferdinandiana</i>			5	15
			<i>Buchanania obovata</i>			4	5
			<i>Cycas armstrongii</i>			1	3
Ground stratum	Open Tussock Grassland (21-50%)		<i>Eucalyptus miniata</i>			0	15
			<i>Unknown Grass (see notes)</i>			0.1	10
			<i>Buchanania obovata</i>			0.2	2
Other notes	-						



Check site	VS-120		Coordinates		-12.63814 131.184993		
Aspect	N/A		Land unit (nominal)		6b	Land unit (adjusted)	-
Surface soils	Grey Clay		Landform		Drainage (broad swamp/floodplain) Very poorly drained (Seasonal waterlogging / inundation expected)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	25	40	0	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	1		15		1		2
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	0		0		0		N/A
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	0		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	8		0		Absent (0)		2+ years
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Minor impact scars on some trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Woodland (21-50%)		<i>Melaleuca nervosa</i>		6		18
			<i>Melaleuca viridiflora</i>		6		12
		N/A		0		0	
Mid stratum	Sparse Shrubland (5-20%)		<i>Pandanus spiralis</i>		1.2		8
			<i>Melaleuca viridiflora</i>		4		6
			<i>Grevillea pteridifolia</i>		1.5		1
Ground stratum	Open Tussock Grassland (21-50%)		<i>Sorghum sp.</i>		0		10
			<i>Pandanus spiralis</i>		0.5		5
			<i>Dapsilanthus</i>		0.3		3
Other notes	Adjacent to gravel track. Various small mine diggings to north.						
							

Check site	VS-121		Coordinates		-12.648665 131.18995		
Aspect	South West		Land unit (nominal)		6b	Land unit (adjusted)	-
Surface soils	Grey Sand		Landform		Lower Slope Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	70	7	7	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	3		5		3		4
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	0		0		0		N/A
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	1		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		0		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Some trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species			Height (m)	Cover (%)
	Open Woodland (5-20%)		<i>Melaleuca nervosa</i>			6	8
			<i>Melaleuca viridiflora</i>			6	2
		<i>Terminalia grandiflora</i>			8	2	
Mid stratum	Sparse Shrubland (5-20%)		<i>Petalostigma quadriloculare</i>			2	5
			<i>Planchonia careya</i>			1.5	1
			<i>Syzygium eucalyptoides subsp. bleeseri</i>			2	1
Ground stratum	Open Tussock Grassland (21-50%)		<i>Sorghum sp.</i>			0	10
			<i>Acacia sp.</i>			0.2	5
			<i>Melaleuca sp.</i>			0.2	2
Other notes	Track through site. Sand mining holes and mounds in north of site and extending north. Cycads in vicinity						
							

Check site	VS-122		Coordinates		-12.637676 131.201843		
Aspect	South East		Land unit (nominal)		6b	Land unit (adjusted)	-
Surface soils	Light brown Sand		Landform		Drainage (broad swamp/floodplain) Very poorly drained (Seasonal waterlogging / inundation expected)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	4	95	75	1	0	<30% Laterite
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	0		0		1		1
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	0		0		0		N/A
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	0		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		0		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Very Low		<1%		Minor impact scars on most trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Isolated Trees (<5%)		N/A		0		0
			N/A		0		0
Mid stratum	Isolated Shrubs (<5%)		<i>Grevillea pteridifolia</i>		1		3
			<i>Calytrix exstipulata</i>		0.6		2
			<i>Acacia torulosa</i>		2		1
Ground stratum	Open Forbland (21-50%)		<i>Dapsilanthus spathaceus</i>		0		20
			<i>Xyris complanta</i>		0.1		5
			<i>Sorghum sp. (annual)</i>		0.4		3
Other notes	Old sand mine Pandanus cluster south of transect						
							

Check site	VS-123		Coordinates		-12.636742 131.199733		
Aspect	N/A		Land unit (nominal)		2b1	Land unit (adjusted)	2b1/6b
Surface soils	Grey Loam		Landform		Plains/Flat Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	20	3	30	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	4		5		4		3
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	3		1		1		Alive
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	4		1		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		3		Scattered (1-5)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Some trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species			Height (m)	Cover (%)
	Open Woodland (5-20%)		<i>Erythrophleum chlorostachys</i>			6	4
			<i>Eucalyptus miniata</i>			8	4
		N/A			0	0	
Mid stratum	Sparse Shrubland (5-20%)		<i>Livistona humilis</i>			1.1	12
			<i>Terminalia ferdinandiana</i>			5	2
			<i>Planchonia careya</i>				3
Ground stratum	Open Resprouts (21-50%)		<i>Eucalyptus miniata</i>			0	25
			<i>Sorghum sp. (annual)</i>			0.1	20
			<i>Syzygium eucalyptoides subsp. bleeseri</i>			0.4	15
Other notes	- Pandanus recruiting in 50x50. More cycads in 50x50						
							

Check site	VS-124		Coordinates		-12.634093 131.208366		
Aspect	South West		Land unit (nominal)		3c	Land unit (adjusted)	3b/3c
Surface soils	Light brown Sand		Landform		Plains/Flat Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	20	10	18	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	4		7		2		4
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	3		1		0		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	6		2		1		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		0		Absent (0)		Last year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Some trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species			Height (m)	Cover (%)
	Open Woodland (5-20%)		<i>Eucalyptus miniata</i>			16	15
			N/A			0	0
Mid stratum	Open Shrubland (21-50%)		<i>Unknown Shrub (see notes)</i>			1	15
			<i>Acacia difficilus</i>			1	8
			<i>Livistona humilis</i>			1.5	5
Ground stratum	Open Tussock Grassland (21-50%)		<i>Sorghum intrans</i>			0	25
			<i>Unknown Shrub (see notes)</i>			0.3	5
			<i>Acacia difficilus</i>			0.5	4
Other notes	-						



Check site	VS-125		Coordinates		-12.648294 131.215412		
Aspect	South West		Land unit (nominal)		5b2	Land unit (adjusted)	-
Surface soils	Red Sand		Landform		Plains/Flat Poorly drained (seasonally waterlogged most years)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	10	90	85	5	0	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	0		0		1		5
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	0		0		0		N/A
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	0		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		0		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Minor impact scars on some trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Isolated Trees (<5%)		N/A		0		0
			N/A		0		0
Mid stratum	Sparse Shrubland (5-20%)		<i>Grevillea pteridifolia</i>		1		8
			<i>Calytrix exstipulata</i>		1		8
			<i>Acacia neurocarpa</i>		1		1
Ground stratum	Sparse Tussock Grassland (5-20%)		<i>Xyrus sp.</i>		0		18
			<i>Sorghum sp. (annual)</i>		0.1		10
			<i>Calytrix exstipulata</i>		0.1		4
Other notes	Previous mine. Some regrowth occurring. Heavily disturbed						
							

Check site	VS-126		Coordinates		-12.646493 131.217808		
Aspect	West		Land unit (nominal)		3c	Land unit (adjusted)	6b
Surface soils	Brown Sand		Landform		Plains/Flat Poorly drained (seasonally waterlogged most years)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	2	98	60	2	10	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	1		1		0		0
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	0		0		0		N/A
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	0		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		0		Abundant (>10)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Minor impact scars on some trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Isolated Trees (<5%)		N/A		0		0
			N/A		0		0
Mid stratum	Isolated Shrubs (<5%)		<i>Lophostemon lactifluus</i>		1		2
			<i>Buchanania obovata</i>		1		1
			N/A		0		0
Ground stratum	Open Tussock Grassland (21-50%)		<i>Sorghum sp. (annual)</i>		0		30
			<i>Sorghum sp.</i>		0.1		5
			<i>Unknown Grass (see notes)</i>		0.1		5
Other notes	Old mine site. Recruitment occurring Unknown grass same as sedge in 125						







Check site	VS-127		Coordinates		-12.614686 131.207531		
Aspect	South		Land unit (nominal)		3e	Land unit (adjusted)	-
Surface soils	Brown Loam		Landform		Plains/Flat Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	0	100	73	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	3		35		2		10
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	5		3		2		Alive
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	7		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	4		3		Common (6-10)		Last year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Very Low		Absent		Minor impact scars on some trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Open Forest (51-80%)		<i>Eucalyptus tetrodonta</i>		12		30
			<i>Eucalyptus miniata</i>		15		20
		<i>Corymbia polycarpa</i>		8		5	
Mid stratum	Shrubland (51-80%)		<i>Planchonia careya</i>		1		15
			<i>Lophostemon lactifluus</i>		5		10
			<i>Xanthostemon paradoxus</i>		6		8
Ground stratum	Closed Tussock Grassland (>80%)		<i>Heteropogon triticeus</i>		0		50
			<i>Eriachne ciliata</i>		0.1		15
			<i>Planchonia careya</i>		0.2		10
Other notes	-						



Check site	VS-128		Coordinates		-12.614238 131.197469		
Aspect	South		Land unit (nominal)		3a	Land unit (adjusted)	3a/3b
Surface soils	Brown Loam		Landform		Plains/Flat Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	0	65	22	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	3		3		1		1
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	8		6		5		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	4		12		1		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		0		Scattered (1-5)		2+ years
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Minor impact scars on some trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Woodland (21-50%)		<i>Eucalyptus miniata</i>		9		30
			<i>Eucalyptus tetradonta</i>		12		5
		N/A		0		0	
Mid stratum	Sparse Shrubland (5-20%)		<i>Acacia sp.</i>		1		5
			<i>Terminalia ferdinandiana</i>		1		3
			<i>Acacia hemignosta</i>		1		2
Ground stratum	Tussock Grassland (51-80%)		<i>Sorghum sp. (annual)</i>		0		80
			<i>Acacia sp.</i>		0.2		3
			<i>Petalostigma quadriloculare</i>		0.2		2
Other notes	- Mature pandanus and cycad in 50m						







Check site	VS-129		Coordinates		-12.617807 131.229479		
Aspect	South West		Land unit (nominal)		8c	Land unit (adjusted)	-
Surface soils	Grey Sand		Landform		Drainage (broad swamp/floodplain) Very poorly drained (Seasonal waterlogging / inundation expected)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	50	3	4	<5% Laterite
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	3		1		4		2
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	3		1		0		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	0		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	2		0		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Low		Absent		Some trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Isolated Trees (<5%)		<i>Melaleuca nervosa</i>		9		1
			N/A		0		0
Mid stratum	Isolated Shrubs (<5%)		<i>Persoonia falcata</i>		3		1
			<i>Planchonia careya</i>		3		1
			<i>Livistona humilis</i>		4		1
Ground stratum	Open Tussock Grassland (21-50%)		<i>Unknown Grass (see notes)</i>		0		20
			<i>Melaleuca nervosa</i>		0.1		15
			<i>Unknown Grass (see notes)</i>		0.1		10
Other notes	Test pit Intact sandsheet heath						
							



Check site	VS-130		Coordinates		-12.620301 131.22844		
Aspect	South East		Land unit (nominal)		8c	Land unit (adjusted)	8a/6b
Surface soils	Brown Sand		Landform		Drainage (broad swamp/floodplain) Very poorly drained (Seasonal waterlogging / inundation expected)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	5	95	80	3	0	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	0		0		2		2
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	2		1		0		Alive
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	0		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		0		Scattered (1-5)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Some trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Isolated Trees (<5%)		<i>Alstonia actinophylla</i>		5		1
			N/A		0		0
Mid stratum		Sparse Shrubland (5-20%)		<i>Jacksonia dilatata</i>		15	
				<i>Grevillea pteridifolia</i>		2	
				<i>Acacia leptocarpa</i>		1	
Ground stratum	Isolated Tussock Grassland (<5%)		<i>Sorghum sp. (annual)</i>		0		5
			<i>Unknown Shrub (see notes)</i>		0.1		4
			<i>Eriachne sp.</i>		0.1		1
Other notes	Disused sand/gravel mine Old extractive area						
							

Check site	VS-131		Coordinates		-12.62465 131.234845			
Aspect	North West		Land unit (nominal)		6b	Land unit (adjusted)	-	
Surface soils	Grey Sand		Landform		Drainage (broad swamp/floodplain) Very poorly drained (Seasonal waterlogging / inundation expected)			
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping	
	0	0	100	20	10	6	-	
Habitat values (50x50)								
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)	
	0		0		3		10	
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead	
	0		0		0		N/A	
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall	
	0		0		0		0	
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire	
	0		0		Absent (0)		2+ years	
Threatening processes	Feral animal damage		Weed density		Fire impacts			
	Absent		<1%		No damage			
Vegetation (20x20)								
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)	
	Isolated Trees (<5%)		<i>Grevillea pteridifolia</i>		3		3	
			N/A		0		0	
Mid stratum		Isolated Shrubs (<5%)		<i>Melaleuca viridiflora</i>		0.5	2	
Ground stratum		Tussock Grassland (51-80%)		<i>Grevillea pteridifolia</i>		0.5		0.5
				<i>Grevillea decurrens</i>		0.5		0.5
				<i>Sorghum sp. (annual)</i>		0		40
Other notes		Land clearing Pandanus just out of plot		Unknown Shrub		0.2		10
				Unknown Shrub		0.1		10





Check site	VS-132		Coordinates		-12.625775 131.221734		
Aspect	North East		Land unit (nominal)		3a	Land unit (adjusted)	-
Surface soils	Light brown Sand		Landform		Plains/Flat Rapidly drained (deep slope / sandy soil)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	30	35	20	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	3		5		1		4
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	3		2		1		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	6		3		1		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		2		Scattered (1-5)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Very Low		Absent		Some trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Woodland (21-50%)		<i>Eucalyptus miniata</i>		12		20
			<i>Eucalyptus tetradonta</i>		16		5
Mid stratum	Sparse Shrubland (5-20%)		<i>Erythrophleum chlorostachys</i>		1		5
			<i>Petalostigma pubescens</i>		1		3
			<i>Terminalia ferdinandiana</i>		1.5		2
Ground stratum	Open Resprouts (21-50%)		<i>Planchonia careya</i>		0		5
			<i>Unknown Shrub (see notes)</i>		0.3		5
			<i>Buchanania obovata</i>		0.5		5
Other notes	Adjacent to sand mine. Large diversity in resprout layer. Pandanus outside of the plot						
							



Check site	VS-133		Coordinates		-12.636689 131.248529		
Aspect	South West		Land unit (nominal)		6b	Land unit (adjusted)	-
Surface soils	Brown-grey Sand		Landform		Drainage (broad swamp/floodplain) Very poorly drained (Seasonal waterlogging / inundation expected)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	30	3	3	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	2		2		5		10
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	3		0		0		N/A
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	0		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		0		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Minor impact scars on some trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Open Woodland (5-20%)		<i>Melaleuca nervosa</i>		5		6
			<i>Grevillea pteridifolia</i>		6		3
Mid stratum	Sparse Shrubland (5-20%)		<i>Erythrophleum chlorostachys</i>		5		1
			<i>Banksia serrata</i>		3		10
			<i>Planchonia careya</i>		1		2
Ground stratum	Open Forbland (21-50%)		<i>Buchanania obovata</i>		2		1
			<i>Melaleuca nervosa</i>		0		20
			Unknown Shrub		0.2		10
Other notes			Unknown Shrub		0.2		8
	-						
							

Check site	VS-134		Coordinates		-12.643037 131.243293		
Aspect	North East		Land unit (nominal)		8b	Land unit (adjusted)	3c / 8b
Surface soils	Brown Loam		Landform		Drainage (broad swamp/floodplain) Very poorly drained (Seasonal waterlogging / inundation expected)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	4	95	35	20	25	<1% Laterite
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	4		30		2		5
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	4		5		2		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	5		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		0		Scattered (1-5)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Very Low		Absent		Some trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Open Woodland (5-20%)		<i>Eucalyptus miniata</i>		8		15
			<i>Erythrophleum chlorostachys</i>		10		8
		N/A		0		0	
Mid stratum	Sparse Shrubland (5-20%)		<i>Terminalia ferdinandiana</i>		1		5
			<i>Buchanania obovata</i>		1		3
			<i>Planchonia careya</i>		2		2
Ground stratum	Open Resprouts (21-50%)		<i>Xanthostemon paradoxus</i>		0		15
			<i>Eucalyptus miniata</i>		0.2		10
			<i>Terminalia ferdinandiana</i>		0.3		10
Other notes	Woodland on edge of drainage.						
							

Check site	VS-135		Coordinates		-12.640438 131.234858		
Aspect	West		Land unit (nominal)		3a	Land unit (adjusted)	-
Surface soils	Brown Loam		Landform		Plains/Flat Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	40	20	24	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	4		10		1		1
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	5		2		2		Alive
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	8		6		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		0		Scattered (1-5)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Low		Absent		Some trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Woodland (21-50%)		<i>Eucalyptus miniata</i>		10		25
			<i>Erythrophleum chlorostachys</i>		6		4
Mid stratum	Sparse Shrubland (5-20%)		<i>Buchanania obovata</i>		10		1
			<i>Terminalia ferdinandiana</i>		1		10
			<i>Erythrophleum chlorostachys</i>		1		5
Ground stratum	Sparse Resprouts (5-20%)		<i>Owenia vernicosa</i>		1		1
			<i>Terminalia ferdinandiana</i>		0		5
			<i>Owenia vernicosa</i>		0.3		3
Other notes	- Pandanus in ground		<i>Unknown Grass (see notes)</i>		0.1		3



Check site	VS-136		Coordinates		-12.635309 131.233882		
Aspect	South		Land unit (nominal)		4b	Land unit (adjusted)	-
Surface soils	Brown Sand		Landform		Drainage (broad swamp/floodplain) Very poorly drained (Seasonal waterlogging / inundation expected)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	25	5	26	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	4		35		2		10
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	7		4		4		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	5		3		2		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	1		0		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Very Low		Absent		Minor impact scars on most trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Open Woodland (5-20%)		<i>Erythrophleum chlorostachys</i> <i>Xanthostemon paradoxus</i> <i>Corymbia sp.</i>		8		5
					5		5
Mid stratum	Open Shrubland (21-50%)		<i>Terminalia ferdinandiana</i> <i>Planchonia careya</i> <i>Buchanania obovata</i>		1		15
					1		5
					1		5
Ground stratum	Open Resprouts (21-50%)		<i>Xanthostemon paradoxus</i> <i>Syzygium eucalyptoides subsp. bleeseri</i> <i>Sorghum sp. (annual)</i>		0		10
					0.2		5
					0.1		5
Other notes	Juvenile pandanus within plot						
							


Check site	VS-137		Coordinates		-12.634559 131.23627		
Aspect	South East		Land unit (nominal)		6b	Land unit (adjusted)	-
Surface soils	Brown-grey Loam		Landform		Drainage (broad swamp/floodplain) Very poorly drained (Seasonal waterlogging / inundation expected)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	2	20	23	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	1		1		3		5
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	9		15		3		Alive
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	9		4		2		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	9		0		Absent (0)		Last year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Very Low		Absent		Minor impact scars on some trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Open Woodland (5-20%)		<i>Eucalyptus alba</i>		8		10
			<i>Lophostemon lactifluus</i>		8		7
Mid stratum	Sparse Shrubland (5-20%)		<i>Melaleuca nervosa</i>		7		3
			<i>Pandanus spiralis</i>		1		5
			<i>Banksia serrata</i>		1		2
Ground stratum	Forbland (51-80%)		<i>Grevillea pteridifolia</i>		5		2
			Unknown Grass		0		35
			Unknown Grass		0.3		20
Other notes			<i>Pandanus spiralis</i>		1		7
	-						
							

Check site	VS-138		Coordinates		-12.633966 131.240463		
Aspect	N/A		Land unit (nominal)		8b	Land unit (adjusted)	-
Surface soils	Grey Loam		Landform		Drainage (broad swamp/floodplain) Very poorly drained (Seasonal waterlogging / inundation expected)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	50	25	6	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	0		0		1		50
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	3		2		1		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	9		4		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		0		Absent (0)		2+ years
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Very High		Absent		No damage		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Open Forest (51-80%)		<i>Melaleuca dealbata</i>		6		50
			N/A		0		0
Mid stratum	Isolated Shrubs (<5%)		N/A		0		0
			N/A		0		0
			N/A		0		0
Ground stratum	Open Tussock Grassland (21-50%)		Unknown Grass		0		25
			N/A		0		0
			N/A		0		0
Other notes	Dense 50x50m mimosa pop. on outside NE Corner. 1 mature pandanus outside plot S						





Check site	VS-139		Coordinates		-12.648951 131.237218		
Aspect	N/A		Land unit (nominal)		8b	Land unit (adjusted)	5b1, 6a2
Surface soils	Black Silt		Landform		Drainage (broad swamp/floodplain) Very poorly drained (Seasonal waterlogging / inundation expected)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	80	60	6	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	0		0		0		0
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	4		2		0		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	10		5		1		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		0		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Minor impact scars on some trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Open Forest (51-80%)		<i>Lophostemon lactifluus</i>		10		10
			N/A		0		0
Mid stratum	Isolated Shrubs (<5%)		N/A		0		0
			N/A		0		0
			N/A		0		0
Ground stratum	Sparse Tussock Grassland (5-20%)		Unknown Grass		0		15
			Unknown Grass		0.2		8
			<i>Melaleuca leucadendra</i>		0.7		1
Other notes	- Multistem largest dbh taken						



Check site	VS-140		Coordinates		-12.655238 131.234543		
Aspect	N/A		Land unit (nominal)		8b	Land unit (adjusted)	-
Surface soils	Brown Loam		Landform		Drainage (broad swamp/floodplain) Very poorly drained (Seasonal waterlogging / inundation expected)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	0	5	6	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	0		0		0		0
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	10		3		0		Alive
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	25		8		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		0		Absent (0)		2+ years
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	High		>50%		No damage		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Open Forest (51-80%)		<i>Melaleuca leucadendra</i>		10		55
			N/A		0		0
Mid stratum	Isolated Shrubs (<5%)		N/A		0		0
			N/A		0		0
			N/A		0		0
Ground stratum	Closed Tussock Grassland (>80%)		Unknown Grass		0		50
			Unknown Grass		0.2		45
			N/A		0		0
Other notes	- Mimosa pigra infestation. 50% of site infested and extensive cover back into drainage area.						
							



Check site	VS-141		Coordinates		-12.658369 131.231953		
Aspect	North East		Land unit (nominal)		4 e 2	Land unit (adjusted)	-
Surface soils	Brown Sand		Landform		Plains/Flat Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	50	10	6	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	3		15		2		5
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	2		3		0		Alive
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	7		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		0		Absent (0)		2+ years
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Very Low		Absent		Some trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species			Height (m)	Cover (%)
	Open Woodland (5-20%)		<i>Eucalyptus miniata</i>			0	13
			N/A N/A			0 0	0 0
Mid stratum	Sparse Shrubland (5-20%)		<i>Terminalia ferdinandiana</i>			1.1	7
			<i>Erythrophleum chlorostachys</i>			6 0	2
			N/A				0
Ground stratum	Sparse Tussock Grassland (5-20%)		<i>Syzygium eucalyptoides subsp. bleeseri</i>			0	30
			<i>Buchanania obovata</i>			0.5	5
			<i>Acacia lamprocarpa</i>			0.6	3
Other notes	-						



Check site	VS-142		Coordinates		-12.659064 131.233949		
Aspect	N/A		Land unit (nominal)		8b	Land unit (adjusted)	-
Surface soils	Brown Silt		Landform		Drainage (broad swamp/floodplain) Very poorly drained (Seasonal waterlogging / inundation expected)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	85	5	0	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	0		0		0		0
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	3		2		2		Alive
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	8		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		0		Scattered (1-5)		2+ years
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Very High		>50%		No damage		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Isolated Trees (<5%)		<i>Melaleuca viridiflora</i>		10		5
			N/A		0		0
Mid stratum	Isolated Shrubs (<5%)		N/A		0		0
			N/A		0		0
			N/A		0		0
Ground stratum	Isolated Forbs (<5%)		N/A		0		0
			N/A		0		0
			N/A		0		0
Other notes	- Pandanus nearby. Adjacent to woodland. Mimosa pigra infestation, heavy weed cover						
							



Check site	VS-143		Coordinates		-12.672915 131.258277		
Aspect	South West		Land unit (nominal)		4e2	Land unit (adjusted)	4e2/4e1
Surface soils	Brown Organic		Landform		Plains/Flat Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	10	88	15	30	0	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	7		60		3		20
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	2		0		0		Alive
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	2		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		0		Absent (0)		2+ years
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		<1%		Minor impact scars on some trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Woodland (21-50%)		<i>Corymbia sp.</i>		8		10
			<i>Canarium australianum</i>		8		8
Mid stratum	Open Shrubland (21-50%)		<i>Melaleuca nervosa</i>		8		5
			<i>Planchonia careya</i>		2		15
			<i>Terminalia carpentariae</i>		3		5
Ground stratum	Open Resprouts (21-50%)		<i>Ficus aculeata</i>		4		3
			Unknown Shrub		0		10
			Unknown Shrub		0.5		10
		<i>Terminalia carpentariae</i>		0.3		5	
Other notes	-						



Check site	VS-144		Coordinates		-12.675762 131.260505		
Aspect	N/A		Land unit (nominal)		8a1	Land unit (adjusted)	8b
Surface soils	Brown Organic		Landform		Drainage (broad swamp/floodplain) Very poorly drained (Seasonal waterlogging / inundation expected)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	85	25	0	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	0		0		1		30
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	0		0		0		N/A
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	0		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		0		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		1-10%		Minor impact scars on some trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Woodland (21-50%)		<i>Melaleuca dealbata</i>		9		10
			<i>Melaleuca nervosa</i> <i>Melaleuca sp.</i>		9 8		10 10
Mid stratum	Sparse Shrubland (5-20%)		<i>Mimosa pigra</i>		2		10
			<i>Melaleuca sp.</i>		3		2
			N/A		0		0
Ground stratum	Isolated Tussock Grassland (<5%)		<i>Heteropogon contortus</i>		0		2
			<i>Sorghum sp. (annual)</i>		0.1		1
			<i>Melaleuca sp.</i>		0.1		1
Other notes	- Melaleuca swamp. Melaleuca included in nectar count. Around swamp burnt this year. Swamp burnt this year or previous year						
							

Check site	VS-145		Coordinates		-12.675331 131.239012		
Aspect	South		Land unit (nominal)		6a1	Land unit (adjusted)	-
Surface soils	Brown-grey Sand		Landform		Plains/Flat Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	45	15	30	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	6		30		1		10
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	2		1		0		Alive
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	2		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		0		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Low		Absent		Some trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species			Height (m)	Cover (%)
	Woodland (21-50%)		<i>Eucalyptus tectifica</i>			8	20
			<i>Lophostemon lactifluus</i>			6	5
		N/A			0	0	
Mid stratum	Open Shrubland (21-50%)		<i>Terminalia ferdinandiana</i>			2	18
			<i>Planchonia careya</i>			1	10
			<i>Buchanania obovata</i>			1	6
Ground stratum	Sparse Resprouts (5-20%)		<i>Pandanus spiralis</i>			0	5
			<i>Buchanania obovata</i>			0.4	3
			<i>Unknown Grass (see notes)</i>			0.2	2
Other notes	-						



Check site	VS-146		Coordinates		-12.679719 131.220368		
Aspect	N/A		Land unit (nominal)		6b	Land unit (adjusted)	-
Surface soils	Grey Sand		Landform		Drainage (broad swamp/floodplain) Very poorly drained (Seasonal waterlogging / inundation expected)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	35	10	3	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	1		1		3		55
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	4		3		0		Alive
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	1		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	2		0		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Low		Absent		Minor impact scars on some trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Open Woodland (5-20%)		<i>Melaleuca nervosa</i>		6		15
			<i>Grevillea pteridifolia</i>		4		5
			N/A		0		0
Mid stratum	Sparse Shrubland (5-20%)		<i>Banksia dentata</i>		1		5
			<i>Verticordia cunninghamii</i>		1		3
			<i>Pandanus spiralis</i>		2		2
Ground stratum	Open Forbland (21-50%)		<i>Xyrus complanata</i>		0		20
			<i>Dapsilanthus saphthaceus</i>		0.1		15
			<i>Melaleuca nervosa</i>		0.1		3
Other notes	SSH site. M. nervosa included in nectar count						
							

Check site	VS-147		Coordinates		-12.674214 131.220115		
Aspect	N/A		Land unit (nominal)		6a1	Land unit (adjusted)	-
Surface soils	Brown-grey Silt		Landform		Drainage (broad swamp/floodplain) Very poorly drained (Seasonal waterlogging / inundation expected)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	15	15	0	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	0		0		0		0
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	0		0		0		N/A
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	0		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	9		0		Absent (0)		2+ years
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Minor impact scars on some trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Open Woodland (5-20%)		<i>Melaleuca nervosa</i>		5		8
			<i>Lophostemon lactifluus</i>		6		7
		N/A		0		0	
Mid stratum	Sparse Shrubland (5-20%)		<i>Verticordia cunninghamii</i>		1.5		4
			<i>Pandanus spiralis</i>		1		4
			N/A		0		0
Ground stratum	Open Tussock Grassland (21-50%)		<i>Eriachne sp.</i>		0		27
			<i>Pandanus spiralis</i>		0.4		7
			<i>Schoenus sp.</i>		0.1		5
Other notes	-						



Check site	VS-148		Coordinates		-12.674886 131.204169			
Aspect	North		Land unit (nominal)		1b	Land unit (adjusted)	1b / 2b1	
Surface soils	Brown Loam		Landform		Upper Slope Rapidly drained (deep slope / sandy soil)			
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping	
	10	30	45	20	20	16	Sandstone <30%	
Habitat values (50x50)								
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)	
	4		15		2		5	
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead	
	8		10		7		Both	
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall	
	13		3		2		0	
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire	
	0		0		Absent (0)		This year	
Threatening processes	Feral animal damage		Weed density		Fire impacts			
	Absent		Absent		Minor impact scars on some trees/shrubs			
Vegetation (20x20)								
Upper stratum	Vegetation Structure		Dominant species			Height (m)		Cover (%)
	Open Woodland (5-20%)		<i>Eucalyptus miniata</i>			10		12
			<i>Erythrophleum chlorostachys</i>			6		3
			N/A			0		0
Mid stratum	Sparse Shrubland (5-20%)		<i>Terminalia ferdinandiana</i>			1		8
			<i>Erythrophleum chlorostachys</i>			1		2
			<i>Planchonia careya</i>			3		2
Ground stratum	Open Tussock Grassland (21-50%)		<i>Sorghum sp. (annual)</i>			0		35
			<i>Erythrophleum chlorostachys</i>			0.3		5
			<i>Heteropogon triticeus</i>			0.3		5
Other notes	- Flat area on top of rocky rise. <i>Typhonium</i> present							

Check site	VS-149		Coordinates		-12.695147 131.211551		
Aspect	N/A		Land unit (nominal)		5b2	Land unit (adjusted)	-
Surface soils	Brown-grey Silt		Landform		Drainage (broad swamp/floodplain) Very poorly drained (Seasonal waterlogging / inundation expected)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	15	10	0	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	5		10		3		5
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	1		2		1		Alive
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	2		2		1		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	10		0		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Very Low		Absent		Minor impact scars on some trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Isolated Trees (<5%)		N/A		0		0
			N/A		0		0
Mid stratum	Sparse Shrubland (5-20%)		<i>Terminalia ferdinandiana</i>		2		8
			<i>Grevillea pteridifolia</i>		2		5
			<i>Pandanus spiralis</i>		1		4
Ground stratum	Open Tussock Grassland (21-50%)		<i>Eriachne sp.</i>		0		25
			<i>Unknown Grass</i>		0.1		10
			<i>Pandanus spiralis</i>		0.3		5
Other notes	-						



Check site	VS-150		Coordinates		-12.700091 131.211812		
Aspect	South West		Land unit (nominal)		2b2	Land unit (adjusted)	-
Surface soils	Brown Gravel		Landform		Lower Slope Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	35	5	2	<1% Laterite
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	5		15		4		8
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	0		1		1		Alive
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	2		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		1		Absent (0)		Last year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Moderate		Absent		Minor impact scars on most trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Open Woodland (5-20%)		<i>Corymbia polysciada</i>		8		4
			<i>Terminalia grandiflora</i>		8		1
			N/A		0		0
Mid stratum	Sparse Shrubland (5-20%)		<i>Ficus aculeata</i>		1		4
			<i>Planchonia careya</i>		1		4
			<i>Buchanania obovata</i>		1		2
Ground stratum	Tussock Grassland (51-80%)		<i>Themeda triandra</i>		0		35
			<i>Sorghum sp. (annual)</i>		0.1		15
			<i>Heteropogon sp.</i>		0.4		10
Other notes	-						



Check site	VS-151		Coordinates		-12.696299 131.206256		
Aspect	West		Land unit (nominal)		1b	Land unit (adjusted)	-
Surface soils	Brown Gravel		Landform		Upper Slope Rapidly drained (deep slope / sandy soil)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	58	35	35	25	6	Sandstone <5%
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	4		20		2		5
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	7		8		5		Alive
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	11		3		1		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		0		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Very Low		Absent		Minor impact scars on most trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species			Height (m)	Cover (%)
	Open Forest (51-80%)		<i>Eucalyptus miniata</i>			10	50
			<i>Corymbia polysciada</i>			8	10
		<i>Erythrophleum chlorostachys</i>			7	3	
Mid stratum	Sparse Shrubland (5-20%)		<i>Cochlospermum fraseri</i>			1	12
			<i>Terminalia ferdinandiana</i>			1	5
			<i>Eucalyptus miniata</i>			6	2
Ground stratum	Open Resprouts (21-50%)		<i>Terminalia ferdinandiana</i>			0	18
			<i>Brachychiton megaphyllus</i>			0.6	5
			<i>Themeda triandra</i>			0.3	5
Other notes	- Large stands of bamboo along base of rocky ridge just outside of plot						



Check site	VS-152		Coordinates		-12.693482 131.202444		
Aspect	N/A		Land unit (nominal)		5a	Land unit (adjusted)	-
Surface soils	Grey Silt		Landform		Drainage (broad swamp/floodplain) Poorly drained (seasonally waterlogged most years)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	5	95	15	1	0	<5% Laterite
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	4		7		1		5
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	0		0		0		N/A
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	1		1		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	3		0		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Minor impact scars on most trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Open Woodland (5-20%)		<i>Eucalyptus papuana</i>		7		5
			N/A		0		0
N/A		0		0		0	
Mid stratum	Sparse Shrubland (5-20%)		<i>Planchonia careya</i>		2		2
			<i>Ficus aculeata</i>		3		1
			<i>Vitex sp.</i>		2		1
Ground stratum	Tussock Grassland (51-80%)		<i>Eriachne sp.</i>		0		30
			<i>Sorghum sp. (annual)</i>		0.2		25
			<i>Heteropogon triticeus</i>		0.3		15
Other notes	- <i>Corymbia latifolia</i> likely for 40cm + tree.						



Check site	VS-153		Coordinates		-12.68588 131.202206		
Aspect	South		Land unit (nominal)		5a	Land unit (adjusted)	5a/5b2
Surface soils	Brown Silt		Landform		Drainage (broad swamp/floodplain) Very poorly drained (Seasonal waterlogging / inundation expected)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	35	30	0	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	1		1		1		50
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	0		0		0		Alive
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	0		0		0		35
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		0		Absent (0)		2+ years
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Low		Absent		Minor impact scars on some trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Woodland (21-50%)		<i>Mimosa</i> sp.		8		50
			N/A		0		0
Mid stratum	Isolated Shrubs (<5%)		<i>Melaleuca cajaputi</i> .		1		1
			<i>Barringtonia</i>		4		3
			N/A		0		0
Ground stratum	Open Tussock Grassland (21-50%)		<i>Eriachne</i> sp.		0		40
			<i>Sorghum</i> sp. (annual)		0.1		1
			<i>Melaleuca cajaputi</i> .		0.1		1
Other notes	- Melaleuca swamp in floodplain, mature pandanus outside of plot.						



Check site	VS-154		Coordinates		-12.691618 131.203139		
Aspect	South East		Land unit (nominal)		2b2	Land unit (adjusted)	2b2/5a
Surface soils	Brown Gravel		Landform		Plains/Flat Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	2	98	40	5	4	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	5		30		2		7
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	2		0		1		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	2		1		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		35		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Very Low		Absent		Minor impact scars on some trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species			Height (m)	Cover (%)
	Open Woodland (5-20%)		<i>Corymbia foelscheana</i>			7	10
			<i>Eucalyptus tectifica</i>			7	5
N/A			0	0			
Mid stratum	Sparse Shrubland (5-20%)		<i>Cycas armstrongii</i>			1	10
			<i>Planchonia careya</i>			2	4
			<i>Terminalia ferdinandiana</i>			1.5	2
Ground stratum	Open Tussock Grassland (21-50%)		<i>Themeda triandra</i>			0	20
			<i>Heteropogon triticeus</i>			0.4	10
			<i>Sorghum sp. (annual)</i>			0.1	8
Other notes	-						





Check site	VS-155		Coordinates		-12.707945 131.220439		
Aspect	North East		Land unit (nominal)		1b	Land unit (adjusted)	-
Surface soils	Brown-grey Loam		Landform		Mid Slope Rapidly drained (deep slope / sandy soil)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	35	45	55	40	0	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	3		25		3		20
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	0		0		0		N/A
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	1		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		0		Scattered (1-5)		2+ years
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Minor impact scars on some trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Open Woodland (5-20%)		<i>Corymbia polysciada</i>		10		10
			<i>Eucalyptus tectifica</i>		13		5
			N/A		0		0
Mid stratum	Shrubland (51-80%)		<i>Xanthostemon paradoxus</i>		6		15
			<i>Terminalia carpentariae</i>		4		10
			<i>Buchanania obovata</i>		4		10
Ground stratum	Open Resprouts (21-50%)		<i>Terminalia carpentariae</i>		0		6
			<i>Unknown Grass (see notes)</i>		0.1		4
			<i>Acacia dimiadata</i>		0.3		3
Other notes	- Unknown grass= fine dark green, collected specimen.						



Check site	VS-156		Coordinates		-12.702649 131.225328			
Aspect	N/A		Land unit (nominal)		4 e 2	Land unit (adjusted)	-	
Surface soils	Brown-grey Clay		Landform		Plains/Flat Poorly drained (seasonally waterlogged most years)			
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping	
	0	5	95	80	10	8	-	
Habitat values (50x50)								
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)	
	5		40		2		10	
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead	
	0		2		0		Alive	
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall	
	6		1		0		0	
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire	
	0		0		Scattered (1-5)		This year	
Threatening processes	Feral animal damage		Weed density		Fire impacts			
	Absent		Absent		Minor impact scars on some trees/shrubs			
Vegetation (20x20)								
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)	
	Woodland (21-50%)		<i>Unknown Tree (see notes)</i>		8		10	
			<i>Eucalyptus sp.</i>		8		8	
Mid stratum		<i>Planchonia careya</i>		7		4		
		Open Shrubland (21-50%)		<i>Buchanania obovata</i>		2		10
				<i>Terminalia ferdinandiana</i>		5		8
<i>Planchonia careya</i>		4		6				
Ground stratum	Sparse Tussock Grassland (5-20%)		<i>Sorghum sp.</i>		0		5	
			<i>Unknown Grass (see notes)</i>		0.1		3	
			<i>Buchanania obovata</i>		0.3		2	
Other notes	-							



Check site	VS-157		Coordinates		-12.707538 131.217179		
Aspect	N/A		Land unit (nominal)		5a	Land unit (adjusted)	-
Surface soils	Grey Clay		Landform		Drainage (incised channel) Very poorly drained (Seasonal waterlogging / inundation expected)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	1	2	96	60	20	0	<1% Laterite
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	0		0		0		0
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	0		0		0		N/A
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	2		2		2		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		0		Common (6-10)		2+ years
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		No damage		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Open Woodland (5-20%)		<i>Acacia auriculiformis</i>		5		8
			<i>Unknown Tree (see notes)</i>		4		6
Mid stratum	Isolated Shrubs (<5%)		<i>Unknown Tree (see notes)</i>		5		4
			<i>Melaleuca sp.</i>		4		1
			<i>Alstonia actinophylla</i>		3		1
Ground stratum	Open Tussock Grassland (21-50%)		<i>Barringtonia acutangula</i>		2		1
			<i>Sorghum sp.</i>		0		10
			<i>Unknown Grass (see notes)</i>		0.3		5
Other notes			<i>Heteropogon contortus</i>		0.3		5
	None. Adjacent to dirt track. Celtis? Fruiting sp, not counted, 1%						
							

Check site	VS-158		Coordinates		-12.703124 131.218673		
Aspect	East		Land unit (nominal)		1b	Land unit (adjusted)	1b / 1c
Surface soils	Brown Loam		Landform		Upper Slope Rapidly drained (deep slope / sandy soil)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	8	47	30	60	5	8	Sandstone >30%
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	3		20		3		15
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	0		0		0		N/A
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	0		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		24		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		<1%		Minor impact scars on most trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Woodland (21-50%)		<i>Terminalia carpentariae</i>		5		20
			<i>Owenia vernicosa</i>		8		8
<i>Xanthostemon paradoxus</i>			5		6		
Mid stratum	Sparse Shrubland (5-20%)		<i>Cycas armstrongii</i>		1.2		6
			<i>Grevillea decurrens</i>		2.5		3
			<i>Terminalia carpentariae</i>		1.5		3
Ground stratum	Open Resprouts (21-50%)		<i>Sorghum sp.</i>		0		15
			<i>Petalostigma quadriloculare</i>		0.3		8
			<i>Terminalia carpentariae</i>		0.7		6
Other notes	- Owenia present, not included in fruiting, would add 3%						



Check site	VS-159		Coordinates		-12.704383 131.15029		
Aspect	N/A		Land unit (nominal)		3b	Land unit (adjusted)	-
Surface soils	Brown Other		Landform		Plains/Flat Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	20	10	0	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	3		5		2		2
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	8		13		1		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	3		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		2		Scattered (1-5)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Very Low		Absent		Some trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Woodland (21-50%)		<i>Eucalyptus miniata</i>		8		25
			N/A		0		0
Mid stratum		Sparse Shrubland (5-20%)		<i>Eucalyptus miniata</i>		1	3
				<i>Livistona humilis</i>		1	2
				<i>Cochlospermum fraseri</i>		1	1
Ground stratum	Open Tussock Grassland (21-50%)		<i>Heteropogon triticeus</i>		0		15
			<i>Themeda triandra</i>		0.5		10
			<i>Chrysopogon sp.</i>		0.1		3
Other notes	-						



Check site	VS-160		Coordinates		-12.707674 131.159054		
Aspect	North		Land unit (nominal)		3c	Land unit (adjusted)	-
Surface soils	Brown Loam		Landform		Plains/Flat Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	20	15	8	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	2		3		2		1
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	2		3		2		Alive
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	3		1		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		4		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Very Low		Absent		Minor impact scars on some trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species			Height (m)	Cover (%)
	Open Woodland (5-20%)		<i>Corymbia foelscheana</i>			6	5
			<i>Corymbia polysciada</i>			8	2
		<i>Eucalyptus miniata</i>			8	2	
Mid stratum	Sparse Shrubland (5-20%)		<i>Planchonia careya</i>			1	5
			<i>Cochlospermum fraseri</i>			1	3
			<i>Grevillea decurrens</i>			1	1
Ground stratum	Closed Hummock Grassland (>80%)		<i>Themeda triandra</i>			0	50
			<i>Heteropogon triticeus</i>			0.4	15
			<i>Heteropogon contortus</i>			0.4	5
Other notes	- Low rise with miniata woodland adjacent to plot - east						

Check site	VS-161		Coordinates		-12.71917 131.15996		
Aspect	South East		Land unit (nominal)		2b2	Land unit (adjusted)	-
Surface soils	Brown Loam		Landform		Lower Slope Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	10	25	6	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	6		10		2		5
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	4		5		4		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	4		4		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		5		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Very Low		Absent		Minor impact scars on most trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Woodland (21-50%)		<i>Eucalyptus miniata</i>		10		25
			<i>Erythrophleum chlorostachys</i>		10		5
		N/A		0		0	
Mid stratum	Sparse Shrubland (5-20%)		<i>Livistona humilis</i>		1		5
			<i>Cycas armstrongii</i>		1		3
			<i>Terminalia ferdinandiana</i>		1		2
Ground stratum	Tussock Grassland (51-80%)		<i>Heteropogon triticeus</i>		0		15
			<i>Themeda triandra</i>		0.2		19
			<i>Eucalyptus miniata</i>		0.3		5
Other notes	-						



Check site	VS-162		Coordinates		-12.719704 131.169428		
Aspect	West		Land unit (nominal)		2b1	Land unit (adjusted)	-
Surface soils	Brown Sand		Landform		Plains/Flat Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	65	35	25	5	4	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	4		15		2		5
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	3		5		4		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	3		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		0		Absent (0)		2+ years
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Some trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Isolated Trees (<5%)		<i>Eucalyptus miniata</i>		10		3
			N/A		0		0
Mid stratum		Sparse Shrubland (5-20%)		<i>Eucalyptus miniata</i>		1	8
				<i>Planchonia careya</i>		1	6
				<i>Livistona humilis</i>		1	4
Ground stratum	Tussock Grassland (51-80%)		<i>Sorghum sp. (annual)</i>		0		40
			<i>Heteropogon triticeus</i>		0.3		10
			<i>Eucalyptus miniata</i>		0.3		0.5
Other notes	- High stem count, low foliage cover in mid						



Check site	VS-163		Coordinates		-12.717458 131.166292		
Aspect	South West		Land unit (nominal)		2a1	Land unit (adjusted)	-
Surface soils	Brown Loam		Landform		Mid Slope Rapidly drained (deep slope / sandy soil)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	30	65	25	10	3	Sandstone <5%
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	5		25		4		15
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	3		5		4		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	5		2		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		7		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Minor impact scars on some trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Open Woodland (5-20%)		Eucalyptus miniata		8		12
			Erythrophleum chlorostachys		8		8
N/A			0		0		
Mid stratum	Open Shrubland (21-50%)		Planchonia careya		1		10
			Terminalia ferdinandiana		1		7
			Cochlospermum fraseri		1		4
Ground stratum	Tussock Grassland (51-80%)		Heteropogon triticeus		0		15
			Themeda triandra		0.2		10
			Petalostigma quadriloculare		0.2		5
Other notes	-						





Check site	VS-164		Coordinates		-12.717755 131.168168		
Aspect	South East		Land unit (nominal)		5b2	Land unit (adjusted)	6a2
Surface soils	Brown Loam		Landform		Drainage (incised channel) Poorly drained (seasonally waterlogged most years)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	0	100	5	10	5	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	2		5		1		2
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	0		5		3		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	3		0		1		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	15		0		Absent (0)		2+ years
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		11-50%		Minor impact scars on some trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Open Woodland (5-20%)		<i>Lophostemon lactifluus</i>		4		10
			<i>Corymbia polycarpa</i>		8		5
		N/A		0		0	
Mid stratum	Sparse Shrubland (5-20%)		<i>Pandanus spiralis</i>		1		10
			<i>Terminalia ferdinandiana</i>		1		3
			<i>Planchonia careya</i>		1		3
Ground stratum	Tussock Grassland (51-80%)		Unknown Grass		0		50
			<i>Stachytarpheta australis</i>		0.2		15
			Unknown Grass		0.2		5
Other notes	- Snakeweed and sida weed present						



Check site	VS-165		Coordinates		-12.715264 131.164134		
Aspect	North West		Land unit (nominal)		1b	Land unit (adjusted)	1b/2a1
Surface soils	Red Other		Landform		Upper Slope Rapidly drained (deep slope / sandy soil)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	20	80	10	10	6	Sandstone <5%
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	3		5		2		2
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	8		25		3		Alive
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	10		1		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		3		Scattered (1-5)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Minor impact scars on some trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Woodland (21-50%)		<i>Eucalyptus miniata</i>		8		30
			<i>Erythrophleum chlorostachys</i>		8		5
		N/A		0		0	
Mid stratum	Sparse Shrubland (5-20%)		<i>Erythrophleum chlorostachys</i>		1		2
			<i>Terminalia carpentariae</i>		1		1
			<i>Livistona humilis</i>		1		1
Ground stratum	Open Tussock Grassland (21-50%)		<i>Heteropogon triticeus</i>		0		15
			<i>Mnesithea rottboellioides</i>		0.5		10
			<i>Themeda triandra</i>		0.3		5
Other notes	-						



Check site	VS-166		Coordinates		-12.691169 131.150278		
Aspect	East		Land unit (nominal)		2b1	Land unit (adjusted)	-
Surface soils	Red Loam		Landform		Plains/Flat Moderately well drained (occasional seasonal waterlogging)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	1	99	10	20	18	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	6		20		10		15
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	4		2		1		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	5		3		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		5		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Very Low		Absent		Minor impact scars on most trees/shrubs		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Woodland (21-50%)		<i>Corymbia polysciada</i>		12		15
			<i>Erythrophleum chlorostachys</i>		7		7
		<i>Eucalyptus miniata</i>		6		3	
Mid stratum	Open Shrubland (21-50%)		<i>Xanthostemon paradoxus</i>		5		10
			<i>Brachychiton megaphyllus</i>		1		7
			<i>Planchonia careya</i>		1		4
Ground stratum	Tussock Grassland (51-80%)		<i>Sorghum sp. (annual)</i>		0		50
			<i>Heteropogon contortus</i>		0.3		10
			<i>Cycas armstrongii</i>		0.3		5
Other notes	Old vehicle track Pandanus outside plot						
							

Check site	VS-167		Coordinates		-12.691224 131.152842		
Aspect	North		Land unit (nominal)		5a	Land unit (adjusted)	-
Surface soils	Brown-grey Loam		Landform		Drainage (broad swamp/floodplain) Very poorly drained (Seasonal waterlogging / inundation expected)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	3	97	30	2	0	<5% Laterite
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	1		1		1		1
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	0		0		0		N/A
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	0		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		0		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Very Low		Absent		Some trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Isolated Trees (<5%)		N/A		0		0
			N/A		0		0
Mid stratum	Sparse Shrubland (5-20%)		<i>Melaleuca sp.</i>		1		5
			<i>Verticordia cunninghamii</i>		1		4
			<i>Planchonia careya</i>		6		2
Ground stratum	Open Forbland (21-50%)		<i>Unknown Grass (see notes)</i>		0		20
			<i>Unknown Grass (see notes)</i>		0.1		18
			<i>Melaleuca sp.</i>		0.1		5
Other notes	- Sedgeland. Mature pandanus adj. to plot						



Check site	VS-168		Coordinates		-12.703586 131.163789		
Aspect	West		Land unit (nominal)		1b	Land unit (adjusted)	-
Surface soils	Brown Other		Landform		Mid Slope Rapidly drained (deep slope / sandy soil)		
Ground cover (%)	Large rocks	Medium rocks	Small rocks	Bare ground	Leaf litter	Logs (m)	Rock Outcropping
	0	15	85	10	5	17	-
Habitat values (50x50)							
Fruiting / Flowering midstorey	Fruiting species diversity (count)		Fruiting species cover (%)		Flowering species diversity (count)		Flowering species cover (%)
	3		10		2		5
Tree hollows (count)	Small (< 5 cm)		Medium (5 - 20 cm)		Large (20+ cm)		Alive/Dead
	6		6		1		Both
Large trees (count)	30-40cm		40-50cm		50+ cm		Trees >30m tall
	11		0		0		0
Other habitat values	Pandanus count (20x20)		Cycad count (20x20)		Mistletoe		Last fire
	0		1		Absent (0)		This year
Threatening processes	Feral animal damage		Weed density		Fire impacts		
	Absent		Absent		Some trees/shrubs killed		
Vegetation (20x20)							
Upper stratum	Vegetation Structure		Dominant species		Height (m)		Cover (%)
	Open Woodland (5-20%)		<i>Eucalyptus miniata</i>		10		5
			<i>Erythrophleum chlorostachys</i>		8		5
			N/A		0		0
Mid stratum	Sparse Shrubland (5-20%)		<i>Terminalia carpentariae</i>		1		5
			<i>Corymbia polysciada</i>		1		3
			<i>Planchonia careya</i>		3		3
Ground stratum	Open Tussock Grassland (21-50%)		<i>Sorghum sp. (annual)</i>		0		30
			<i>Mnesithea rottboellioides</i>		0.5		5
			<i>Heteropogon triticeus</i>		0.1		1
Other notes	Old overgrown track, possibly mining exploration Low to moderate numbers of cycads beyond plot						

