

Evans River

Ocean Drive

Bank Stabilisation

Work Tree Survey November 2013



EnviTE Environment would like to thank James Gudgin and David Cunliffe for their assistance with this survey.

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Introduction:

EnviTE Environment was contracted by Coffey to undertake a tree survey of an approximate 1.7 ha narrow linear riparian section of Council Reserve adjacent to Ocean Drive and the southern bank of the Evans River at Evans Head. Council are undertaking footway stabilisation works and the tree survey forms a preliminary component of those works.

Methods:

Locality:

The survey area is depicted in Figure 1. Following consultation with Coffey staff the area within and immediately adjacent to the Kalimna reserve park was not surveyed. Intertidal mangroves were surveyed during low tide. The study area is a minimum of 1.4 ha in extent.



Figure 1 Evans River Ocean Drive Tree Survey area

Survey:

The survey was undertaken on the 31/10/2013 and 1/11/2013 by Paul O'Connor and Dan Cox from EnviTE Environment. The survey utilised ArcPAD 10 and a mobile Getac rugged handheld mapping device with a GPS unit on board. An ArcPAD form captured information directly into a shapefile. The data within the form / shapefile captured included:

- Unique Tree ID
- DBHOB (Diameter at Breast Height over Bark)
- Species Identification (Scientific Name)
- Type (Native, Non Native and Noxious Weed)
- Condition (Dead, Healthy, stable, no signs of stress or Healthy, stable, no signs of distress)
- Notes
- Date

The survey commenced in the western part of the study area and progressively moved to the east and took two full days to complete. The Council Park on the western part of the survey areas was not included as it was deemed to be beyond the area to be affected by the bank stabilisation works.

The survey consisted of traversing the study area and marking / measuring all trees ≥ 200 millimetres in diameter. Diameter at Breast Height over Bark was recording using a diameter tape (mm). DBHOB was measured at 1.3m above the ground on the uphill side of the tree. For multi-stemmed trees the largest diameter was recorded. Each tree equal to or greater than 200 mm was taped using pink flagging tape and marked for Individual tree identification using a black marker. Trees were assessed for condition : Healthy, stable trees showing no signs of falling were marked with a yellow dot using spray paint. Healthy, trees assessed to be at risk of falling due to lack of consolidated substrate under / around the tree base or due to excessive lean or other characteristics of the tree itself were spray painted with a pink dot.

At the end of the survey approximately 10 individual trees were marked with orange flagging tape as the pink flagging tape had run out. Flagging Tape was tied off around the tree or if the diameter was large or a branch of the tree or some other vegetation right next to the tree.

Dead trees were marked and measured but not spray painted. Trees were identified using standard morphological characteristics. If a species could not be identified it was left blank.

MyMobiler

File Edit View Tools

ArcPad - Evans ETS_Rc

Ocean Drive Tree Survey Form.shp

DATE 11/4/13

TREEID OD1

DBH 201

SPECIES Alphitonia excels

TYPE Native

CONDITION Healthy, at risk c

NOTES

PHOTONAME

Page 1 Page 2 Picture

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Figure 2 ArcPAD 10 customised form used for survey sample

Photos were taken of most trees during the survey.



Plate 1 Dan Cox marking a Ribbonwood during the survey with pink flagging tape



Plate 2 Hickory Wattle (multi stemmed) assessed as healthy, stable no signs of stress and spray painted with yellow dot.



Plate 3 Tree assessed as healthy, stable showing signs of stress marked with pink spray dot.



Plate 4 Lower part of slope surveyed



Plate 5 Midden material as a distinct layer on the eroding lower bank was visible under certain undercut sections of the bank.

Results:

Two hundred and ninety seven points were marked in the field including 292 individually marked and identified trees. The results of the survey are mapped in Figures 3 to 5 showing the location of native and non- native trees, condition of assessed trees and individual species. Table 1 contains the recorded species, native status, and their frequency and relative occurrence. Table 2 contains the frequency and relative occurrence of all surveyed trees greater than 200mm according to different DBHOB size class ranges. Table 3 summarises the frequency of native versus non-native (Exotic) trees. Table 4 summarises the frequency and relative proportion of trees assessed in three different condition classes. Figure 2 graphs the cumulative frequency of trees surveyed in different size classes. Appendix 1 provides a complete summary of all identified trees, status , notes and Easting and Northings.

Table 1 Tree Species (=> 200mmDBH), Native versus Non Native Status and relative frequency within the surveyed area.

| Scientific Name | Common Name | Type* | Number Recorded | % of Total |
|---|------------------------|-------|-----------------|------------|
| Unable to be determined | | | 6 | 2.1% |
| <i>Acacia disparrima</i> | Hickory Wattle | N | 19 | 6.4% |
| <i>Alphitonia excelsa</i> | Red Ash | N | 3 | 1.0% |
| <i>Avicennia marina</i> | Grey Mangrove | N | 11 | 3.7% |
| <i>Banksia aemula</i> | Wallum Banksia | N | 1 | 0.3% |
| <i>Banksia integrifolia</i> | Coast Banksia | N | 10 | 3.4% |
| <i>Callitris columellaris</i> | Coastal Cypress Pine | N | 61 | 20.6% |
| <i>Casuarina glauca</i> | Swamp Oak | N | 26 | 8.8% |
| <i>Cinnamomum camphora</i> | Camphor Laurel | Non N | 1 | 0.3% |
| <i>Corymbia intermedia</i> | Pink Bloodwood | N | 52 | 17.6% |
| <i>Cupaniopsis anarcardioides</i> | Tuckeroo | N | 1 | 0.3% |
| <i>Elaeocarpus reticulatus</i> | Blueberry Ash | N | 1 | 0.3% |
| <i>Endiandra sieberi</i> | Hard Corkwood | N | 4 | 1.4% |
| <i>Erythrina crista-galli</i> | Cockspur Coral Tree | Non N | 7 | 2.4% |
| <i>Erythrina x sykesii</i> | Coral Tree | Non N | 2 | 0.7% |
| <i>Eucalyptus robusta</i> | Swamp Mahogany | N | 17 | 5.7% |
| <i>Eucalyptus tereticornis</i> | Forest Red Gum | N | 1 | 0.3% |
| <i>Euroschinus falcatus</i> | Ribbonwood | N | 10 | 3.4% |
| <i>Ficus fraseri</i> | Sandpaper Fig | N | 3 | 1.0% |
| <i>Ficus sp</i> | Unidentified Fig | N | 1 | 0.3% |
| <i>Ficus watkinsiana</i> | Strangling Fig | N | 7 | 2.4% |
| <i>Glochidion ferdinandi</i> | Cheese Tree | N | 4 | 1.4% |
| <i>Litsea australis</i> | Brown Bolly Gum | N | 13 | 4.4% |
| <i>Lophostemon suaveolons</i> | Swamp Box | N | 1 | 0.3% |
| <i>Macaranga tanarius</i> | Macaranaga | N | 1 | 0.3% |
| <i>Melaleuca quinquenervia</i> | Broad-leaved Paperbark | N | 14 | 4.7% |
| <i>Notelaea longifolia var longifolia</i> | Large Mock Olive | N | 2 | 0.7% |
| <i>Pandanus tectorius</i> | Screw Pine | N | 1 | 0.3% |
| <i>Polyscias elegans</i> | Celerywood | N | 5 | 1.7% |

| Scientific Name | Common Name | Type* | Number Recorded | % of Total |
|--------------------------------|---------------------|-------|-----------------|---------------|
| <i>Pouteria chartacea</i> | Thin leaved Coondoo | N | 1 | 0.3% |
| <i>Schefflera actinophylla</i> | Umbrella Tree | Non N | 1 | 0.3% |
| <i>Syzygium oleosum</i> | Blue Lilly Pilly | N | 8 | 2.7% |
| | Unidentified tree | Non N | 1 | .3% |
| Total | | | 296 | 100.0% |

Note N= Native and Non N = Non Native i.e. Exotic.

Table 2. Surveyed tree frequency and relative occurrence within DBH Class categories at Ocean Drive

| DBH Class (mm) | Number recorded | % of Total | Cumulative frequency |
|----------------|-----------------|------------|----------------------|
| 200 -249 | 77 | 26.0% | 26.0% |
| 250 - 299 | 61 | 20.6% | 46.6% |
| 300 - 349 | 56 | 18.9% | 65.5% |
| 350 - 399 | 30 | 10.1% | 75.7% |
| 400 - 449 | 29 | 9.8% | 85.5% |
| 450 - 499 | 10 | 3.4% | 88.9% |
| 500 - 549 | 8 | 2.7% | 91.6% |
| 550 - 599 | 8 | 2.7% | 94.3% |
| 600 - 649 | 9 | 3.0% | 97.3% |
| 650 - 699 | 2 | 0.7% | 98.0% |
| 700 - 749 | 3 | 1.0% | 99.0% |
| 950 - 999 | 1 | 0.3% | 99.3% |
| Other | 2 | 0.7% | 100.0% |
| | 296 | 100.0% | |

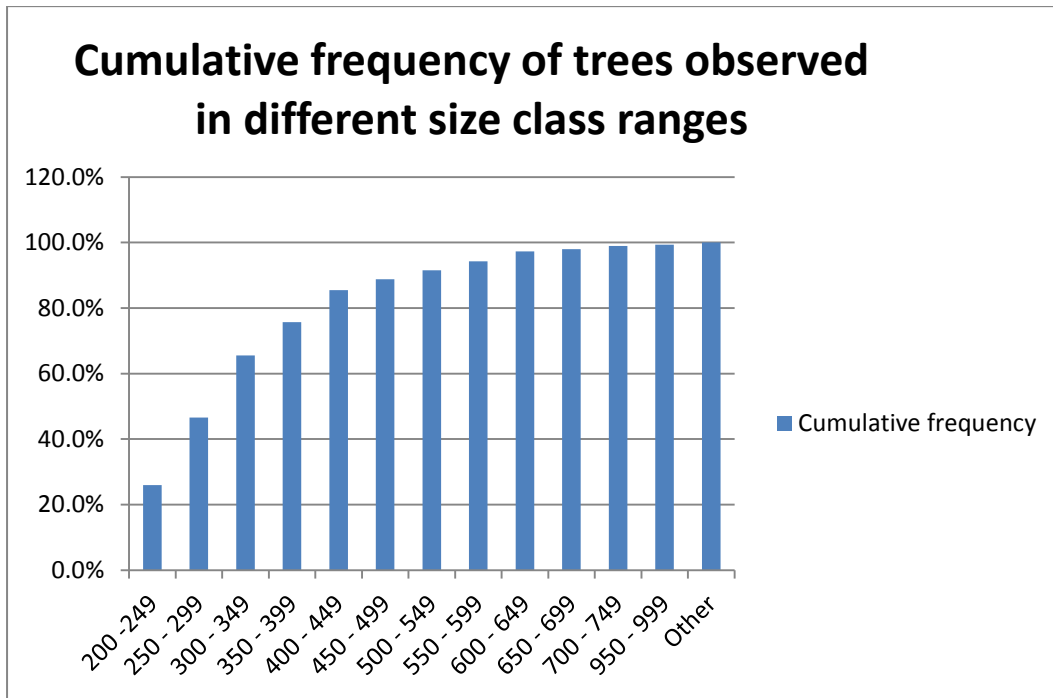


Figure 2 Cumulative frequency of trees observed in different size class ranges.

Table 3 Frequency and relative occurrence of Native and Non Native Trees

| Type | Number | % of Total |
|-----------------------|------------|---------------|
| Unable to be Assessed | 6 | 2.0% |
| Native | 278 | 93.9% |
| Non Native | 12 | 4.1% |
| Grand Total | 296 | 100.0% |

Table 4 Frequency and relative occurrence of 3 different Condition Classes.

| Condition | Number | % of Total |
|---|------------|---------------|
| Dead | 46 | 15.6% |
| Healthy, at risk of falling over or fallen over | 41 | 13.9% |
| Healthy, stable, no signs of distress | 209 | 70.6% |
| Grand Total | 296 | 100.0% |



Figure 3 Distribution of Native and Non Native Trees =or > 200mm DBHOB



Figure 4 Distribution of Trees assessed as Dead, Healthy and Stable or healthy and at risk of falling

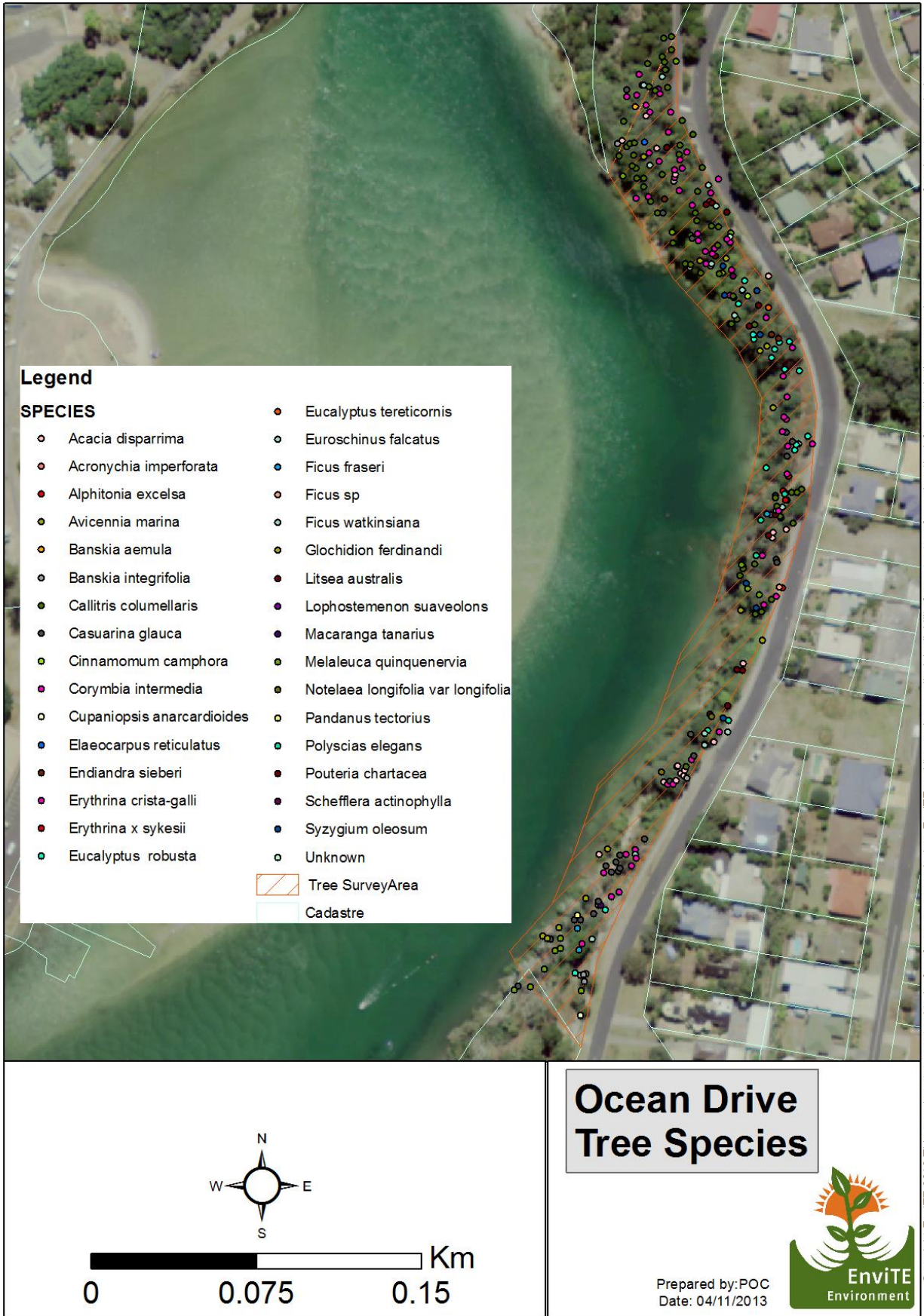


Figure 5 Surveyed trees locations and Species (Scientific Name)

Discussion:

The tree survey was successfully implemented despite the steep and uneven terrain. Twenty seven native species were identified and four exotic species. The most numerous native species are the Coastal Screw Pine, Pink Bloodwood, Swamp Oak, Hickory Wattle, Swamp Mahogany, Broad-leaved Paperbark, Brown Bolly Gum and Ribbonwood. Exotic species recorded included the Indian Coral Tree, Coral Tree, Camphor Laurel and the Umbrella Tree

The majority of trees surveyed were smaller diameter trees. Around 47 % are less than 300mm DBH and almost 89% are less than 500 mm DBH. The largest diameter trees observed on site were Swamp Mahogany (*Eucalyptus robusta*). Almost 94% of trees were Native and 4 % Non-Native the balance being dead and indeterminate trees. Over 70% (70.6%) of trees were assessed as being healthy, stable and showing no signs of stress. While 13.9 % were healthy but assessed as 'at risk' of falling or had already fallen over. Just under 16 % were assessed as Dead.

It was obvious during the survey that human activities, probably by local residents to enhance or maintain views, had caused the mortality or damage to existing trees. It was also apparent that some control of exotic species has been undertaken in the past.

Poor drainage, subsidence, high winds, flooding and bank destabilisation as well as local resident 'view care activity' are the main threats to the remaining trees. The bush which remains is of high value and in a spectacular location. Local residents who passed by were very inquisitive about the survey, were positive about native tree retention and control of exotics.

References

WBM Oceanics 2002 Evans River Estuary Management Study and Plan Final Report

GHD 2007 Report for Evans Estuary Planning and Mapping Riparian Vegetation Assessment and Management Plan

Appendix 1 Tree ID, DBH, Type, Condition, Notes Date of Survey and Surveyed Georeference (GDA 94 Zone 56) for Ocean Drive Tree Survey

| TREEID | DBH | SPECIES | TYPE | CONDITION | NOTES | DATE | EASTING | NORTHING |
|--------|-----|--------------------------------|--------|---|------------------------------------|------------|-------------|-------------|
| OD1 | 380 | <i>Melaleuca quinquenervia</i> | Native | Healthy, at risk of falling over or fallen over | by edge | 31/10/2013 | 542398.9818 | 6778650.646 |
| OD2 | 580 | <i>Casuarina glauca</i> | Native | Healthy, at risk of falling over or fallen over | | 31/10/2013 | 542393.4383 | 6778651.183 |
| OD3 | 525 | <i>Melaleuca quinquenervia</i> | Native | Healthy, at risk of falling over or fallen over | on estury bank | 31/10/2013 | 542391.6323 | 6778649.528 |
| OD4 | 350 | <i>Melaleuca quinquenervia</i> | Native | Healthy, at risk of falling over or fallen over | ms 375 380 | 31/10/2013 | 542405.1256 | 6778658.933 |
| OD4 | 330 | <i>Melaleuca quinquenervia</i> | Native | Healthy, at risk of falling over or fallen over | on waters edge | 31/10/2013 | 542412.392 | 6778668.249 |
| OD5 | 305 | <i>Casuarina glauca</i> | Native | Healthy, at risk of falling over or fallen over | on bank | 31/10/2013 | 542407.9964 | 6778672.291 |
| OD6 | 330 | <i>Melaleuca quinquenervia</i> | Native | Healthy, at risk of falling over or fallen over | undercut bank | 31/10/2013 | 542410.2314 | 6778667.186 |
| OD7 | 204 | <i>Avicennia marina</i> | Native | Healthy, stable, no signs of distress | avi mar | 31/10/2013 | 542404.5804 | 6778673.726 |
| OD8 | 204 | <i>Avicennia marina</i> | Native | Healthy, stable, no signs of distress | avi mar mstem | 31/10/2013 | 542406.5229 | 6778672.832 |
| OD9 | 230 | <i>Avicennia marina</i> | Native | Healthy, stable, no signs of distress | | 31/10/2013 | 542412.0054 | 6778677.706 |
| OD10 | 655 | <i>Melaleuca quinquenervia</i> | Native | Healthy, at risk of falling over or fallen over | fallen but in bank | 31/10/2013 | 542412.5391 | 6778672.958 |
| OD11 | 290 | <i>Ficus fraseri</i> | Native | Healthy, stable, no signs of distress | sandpaper fig | 31/10/2013 | 542420.0787 | 6778677.232 |
| OD12 | 326 | <i>Corymbia intermedia</i> | Native | Healthy, stable, no signs of distress | near walkway multi stem 32 | 31/10/2013 | 542422.3235 | 6778670.392 |
| OD13 | 205 | <i>Euroschinus falcatus</i> | Native | Healthy, stable, no signs of distress | ribbonwood | 31/10/2013 | 542426.726 | 6778672.61 |
| OD14 | 480 | <i>Ficus fraseri</i> | Native | | sandpaper fig fraseri stem ijected | 31/10/2013 | 542420.9993 | 6778667.479 |
| OD15 | 240 | <i>Eucalyptus robusta</i> | Native | Healthy, stable, no signs of distress | | 31/10/2013 | 542419.2584 | 6778657.126 |
| OD16 | 293 | <i>Banksia integrifolia</i> | Native | Healthy, stable, no signs of distress | | 31/10/2013 | 542423.9431 | 6778656.739 |

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| TREEID | DBH | SPECIES | TYPE | CONDITION | NOTES | DATE | EASTING | NORTHING |
|--------|-----|----------------------------------|--------|---|-----------------------------------|------------|-------------|-------------|
| OD17 | 285 | <i>Banksia integrifolia</i> | Native | Healthy, stable, no signs of distress | | 31/10/2013 | 542423.3142 | 6778653.307 |
| OD17 | 405 | <i>Banksia integrifolia</i> | Native | Healthy, stable, no signs of distress | | 31/10/2013 | 542421.4916 | 6778655.917 |
| OD18 | 294 | <i>Banksia integrifolia</i> | Native | Healthy, stable, no signs of distress | | 31/10/2013 | 542423.0169 | 6778656.207 |
| OD19 | 350 | <i>Melaleuca quinquenervia</i> | Native | Healthy, stable, no signs of distress | multi stem plus 2 x275 | 31/10/2013 | 542422.0011 | 6778649.009 |
| OD20 | 280 | <i>Cupaniopsis anacardioides</i> | Native | Healthy, stable, no signs of distress | | 31/10/2013 | 542421.5382 | 6778637.857 |
| OD21 | 415 | <i>Casuarina glauca</i> | Native | Healthy, at risk of falling over or fallen over | on ban edge mstem | 31/10/2013 | 542421.6175 | 6778681.16 |
| OD22 | 350 | <i>Casuarina glauca</i> | Native | Healthy, stable, no signs of distress | | 31/10/2013 | 542427.6435 | 6778683.926 |
| OD23 | 420 | <i>Eucalyptus robusta</i> | Native | Dead | multi stem | 31/10/2013 | 542432.7584 | 6778685.846 |
| OD24 | 225 | <i>Euroschinus falcatus</i> | Native | Healthy, stable, no signs of distress | low on bank | 31/10/2013 | 542429.7657 | 6778687.759 |
| OD25 | 700 | <i>Casuarina glauca</i> | Native | Healthy, at risk of falling over or fallen over | on lower bank | 31/10/2013 | 542418.91 | 6778681.281 |
| OD26 | 240 | <i>Pandanus tectorius</i> | Native | Healthy, stable, no signs of distress | pandanus tectorius | 31/10/2013 | 542420.1661 | 6778683.307 |
| OD27 | 310 | <i>Avicennia marina</i> | Native | Healthy, stable, no signs of distress | | 31/10/2013 | 542424.0695 | 6778690.883 |
| OD28 | 200 | <i>Macaranga tanarius</i> | Native | Healthy, stable, no signs of distress | | 31/10/2013 | 542430.8525 | 6778687.866 |
| OD29 | 400 | <i>Casuarina glauca</i> | Native | Healthy, stable, no signs of distress | bae has hollow but appears ok | 31/10/2013 | 542429.7075 | 6778689.551 |
| | 0 | | | | fallen stag facing low water mark | 31/10/2013 | 542431.7436 | 6778696.412 |
| OD30 | 380 | <i>Casuarina glauca</i> | Native | Healthy, stable, no signs of distress | multi stem tree | 31/10/2013 | 542433.3188 | 6778705.806 |
| OD31 | 420 | <i>Casuarina glauca</i> | Native | Healthy, at risk of falling over or fallen over | big hollow at base | 31/10/2013 | 542435.7887 | 6778702.842 |
| OD32 | 430 | <i>Acacia disparrima</i> | Native | Healthy, stable, no signs of distress | av mar | 31/10/2013 | 542430.0295 | 6778710.822 |
| OD33 | 282 | <i>Corymbia intermedia</i> | Native | Dead | | 31/10/2013 | 542435.6657 | 6778691.523 |
| OD34 | 202 | <i>Corymbia intermedia</i> | | Dead | | 31/10/2013 | 542439.2249 | 6778693.707 |
| OD35 | 255 | <i>Corymbia intermedia</i> | Native | Dead | | 31/10/2013 | 542432.2038 | 6778702.468 |

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| TREEID | DBH | SPECIES | TYPE | CONDITION | NOTES | DATE | EASTING | NORTHING |
|--------|-----|---|--------|---|----------------------------|------------|-------------|-------------|
| OD36 | 525 | <i>Casuarina glauca</i> | Native | Healthy, stable, no signs of distress | ms | 31/10/2013 | 542438.8551 | 6778703.311 |
| OD37 | 230 | <i>Casuarina glauca</i> | Native | Healthy, at risk of falling over or fallen over | hollow at base | 31/10/2013 | 542439.5406 | 6778704.509 |
| OD38 | 270 | <i>Casuarina glauca</i> | Native | Healthy, stable, no signs of distress | | 31/10/2013 | 542437.6061 | 6778707.563 |
| OD39 | 275 | <i>Casuarina glauca</i> | Native | Healthy, stable, no signs of distress | | 31/10/2013 | 542439.4497 | 6778710.621 |
| OD40 | 291 | <i>Avicennia marina</i> | Native | Healthy, stable, no signs of distress | avi mar 252 ms | 31/10/2013 | 542433.8976 | 6778713.227 |
| OD41 | 220 | <i>Corymbia intermedia</i> | Native | Healthy, stable, no signs of distress | | 31/10/2013 | 542442.2069 | 6778710.777 |
| OD42 | 230 | <i>Corymbia intermedia</i> | Native | Dead | | 31/10/2013 | 542444.8316 | 6778705.819 |
| OD43 | 308 | <i>Corymbia intermedia</i> | Native | Dead | ms | 31/10/2013 | 542446.5452 | 6778713.18 |
| OD44 | 305 | <i>Ficus watkinsiana</i> | Native | Healthy, stable, no signs of distress | ficus watkinsana | 31/10/2013 | 542446.6173 | 6778710.761 |
| OD45 | 474 | <i>Corymbia intermedia</i> | Native | Dead | strangled by fig | 31/10/2013 | 542446.9356 | 6778709.135 |
| OD46 | 299 | <i>Casuarina glauca</i> | Native | Healthy, stable, no signs of distress | partially furrowed at base | 31/10/2013 | 542450.5357 | 6778717.985 |
| OD47 | 270 | <i>Notelaea longifolia var longifolia</i> | Native | Healthy, at risk of falling over or fallen over | ms 240 prob longifolia | 31/10/2013 | 542458.4635 | 6778748.24 |
| OD48 | 529 | <i>Acacia disparrima</i> | Native | Healthy, at risk of falling over or fallen over | acacia disparima | 31/10/2013 | 542459.387 | 6778743.657 |
| OD49 | 215 | <i>Corymbia intermedia</i> | Native | Healthy, stable, no signs of distress | | 31/10/2013 | 542461.0694 | 6778742.58 |
| OD50 | 263 | | | Dead | dead unknown 263 | 31/10/2013 | 542456.7777 | 6778739.623 |
| OD51 | 421 | <i>Casuarina glauca</i> | Native | Healthy, stable, no signs of distress | | 31/10/2013 | 542462.162 | 6778744.238 |
| OD52 | 250 | <i>Corymbia intermedia</i> | Native | Healthy, stable, no signs of distress | | 31/10/2013 | 542463.6152 | 6778742.589 |
| OD53 | 445 | <i>Acacia disparrima</i> | Native | Healthy, stable, no signs of distress | | 31/10/2013 | 542466.9739 | 6778747.525 |
| OD54 | 215 | <i>Corymbia intermedia</i> | Native | Healthy, stable, no signs of distress | | 31/10/2013 | 542465.5271 | 6778750.928 |
| OD55 | 273 | <i>Acacia disparrima</i> | Native | | hickory wattle | 31/10/2013 | 542465.1141 | 6778744.504 |
| OD56 | 426 | <i>Acacia disparrima</i> | Native | Healthy, stable, no signs of distress | hickory wattle multi stem | 31/10/2013 | 542468.6077 | 6778746.485 |
| OD57 | 281 | <i>Acacia disparrima</i> | Native | Healthy, stable, no signs of distress | | 31/10/2013 | 542468.8605 | 6778749.051 |
| OD58 | 287 | <i>Corymbia intermedia</i> | Native | Healthy, stable, no signs of distress | | 31/10/2013 | 542471.9437 | 6778754.062 |
| OD59 | 515 | <i>Acacia disparrima</i> | Native | Healthy, at risk of falling over or | hicyory wattle | 31/10/2013 | 542465.7222 | 6778751.075 |

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| TREEID | DBH | SPECIES | TYPE | CONDITION | NOTES | DATE | EASTING | NORTHING |
|--------|-----|---|--------|---|------------------------------|------------|-------------|-------------|
| | | | | fallen over | | | | |
| OD60 | 252 | <i>Polyscias elegans</i> | Native | Healthy, stable, no signs of distress | | 31/10/2013 | 542479.3544 | 6778767.275 |
| OD61 | 307 | <i>Acacia disparrima</i> | Native | Dead | hickory wattle | 31/10/2013 | 542482.1244 | 6778762.15 |
| OD62 | 220 | <i>Corymbia intermedia</i> | Native | Healthy, stable, no signs of distress | | 31/10/2013 | 542484.5242 | 6778766.517 |
| OD63 | 460 | <i>Euroschinus falcatus</i> | Native | Healthy, stable, no signs of distress | | 31/10/2013 | 542477.9853 | 6778761.02 |
| OD64 | 202 | | | Dead | | 31/10/2013 | 542477.3262 | 6778758.179 |
| OD65 | 368 | <i>Euroschinus falcatus</i> | Native | Healthy, at risk of falling over or fallen over | | 31/10/2013 | 542478.114 | 6778760.724 |
| OD66 | 345 | <i>Syzygium oleosum</i> | Native | Healthy, stable, no signs of distress | | 31/10/2013 | 542486.2017 | 6778772.863 |
| OD67 | 310 | <i>Litsea australis</i> | Native | Healthy, stable, no signs of distress | litsea bbg | 31/10/2013 | 542480.3867 | 6778774.547 |
| OD68 | 243 | <i>Ficus watkinsiana</i> | Native | Healthy, stable, no signs of distress | strangler fig unsure | 31/10/2013 | 542488.3505 | 6778766.374 |
| OD69 | 217 | <i>Polyscias elegans</i> | Native | Healthy, stable, no signs of distress | | 31/10/2013 | 542488.678 | 6778771.599 |
| OD70 | 230 | <i>Litsea australis</i> | Native | Healthy, stable, no signs of distress | bbg | 31/10/2013 | 542488.6057 | 6778778.339 |
| OD71 | 253 | <i>Notelaea longifolia var longifolia</i> | Native | Healthy, stable, no signs of distress | some of the trunk isunstable | 31/10/2013 | 542481.0807 | 6778773.658 |
| OD72 | 298 | <i>Ficus watkinsiana</i> | Native | Healthy, at risk of falling over or fallen over | strangler fig fw | 31/10/2013 | 542477.906 | 6778765.859 |
| OD73 | 295 | <i>Casuarina glauca</i> | Native | Healthy, at risk of falling over or fallen over | multistem | 31/10/2013 | 542471.5647 | 6778765.55 |
| OD74 | 280 | <i>Casuarina glauca</i> | Native | Healthy, at risk of falling over or fallen over | | 31/10/2013 | 542473.0032 | 6778755.554 |
| OD75 | 315 | <i>Callitris columellaris</i> | Native | Healthy, at risk of falling over or fallen over | callitrus columaris | 31/10/2013 | 542469.5964 | 6778750.729 |
| OD76 | 465 | <i>Litsea australis</i> | Native | Healthy, at risk of falling over or fallen over | | 31/10/2013 | 542495.1195 | 6778794.565 |
| OD77 | 332 | <i>Litsea australis</i> | Native | Healthy, stable, no signs of distress | bbg | 31/10/2013 | 542492.6234 | 6778794.851 |
| OD78 | 357 | <i>Acacia disparrima</i> | Native | Healthy, at risk of falling over or fallen over | hickory wattle | 31/10/2013 | 542495.4709 | 6778797.481 |
| OD79 | 222 | <i>Avicennia marina</i> | Native | Healthy, stable, no signs of distress | avi marmangrove | 31/10/2013 | 542504.0391 | 6778807.994 |

Evans River Ocean Drive Tree Survey

| TREEID | DBH | SPECIES | TYPE | CONDITION | NOTES | DATE | EASTING | NORTHING |
|--------|-----|--------------------------------|--------|---|-------------------------------------|------------|-------------|-------------|
| OD80 | 285 | <i>Avicennia marina</i> | Native | Healthy, stable, no signs of distress | mangrove | 31/10/2013 | 542494.5234 | 6778821.842 |
| OD81 | 610 | <i>Melaleuca quinquenervia</i> | Native | Dead | | 31/10/2013 | 542502.7379 | 6778828.791 |
| OD82 | 290 | <i>Melaleuca quinquenervia</i> | Native | Healthy, stable, no signs of distress | | 31/10/2013 | 542497.3808 | 6778831.507 |
| OD83 | 475 | <i>Casuarina glauca</i> | Native | Healthy, stable, no signs of distress | | 31/10/2013 | 542495.4408 | 6778841.837 |
| OD84 | 448 | <i>Callitris columellaris</i> | Native | Healthy, stable, no signs of distress | callitrus columaris | 31/10/2013 | 542500.5354 | 6778842.649 |
| OD85 | 410 | | Native | Dead | | 31/10/2013 | 542495.2486 | 6778829.355 |
| OD86 | 285 | <i>Syzygium oleosum</i> | Native | Healthy, stable, no signs of distress | mtem | 31/10/2013 | 542496.7742 | 6778834.095 |
| OD87 | 436 | <i>Alphitonia excelsa</i> | Native | Healthy, stable, no signs of distress | | 31/10/2013 | 542513.16 | 6778831.984 |
| OD88 | 395 | <i>Ficus sp</i> | Native | Healthy, stable, no signs of distress | fig uid | 31/10/2013 | 542512.0579 | 6778832.136 |
| OD89 | 292 | <i>Corymbia intermedia</i> | Native | Healthy, stable, no signs of distress | | 31/10/2013 | 542510.5678 | 6778828.208 |
| OD90 | 298 | <i>Corymbia intermedia</i> | Native | Healthy, stable, no signs of distress | | 31/10/2013 | 542504.7647 | 6778824.37 |
| OD91 | 273 | <i>Callitris columellaris</i> | Native | Dead | callitrus | 31/10/2013 | 542503.8935 | 6778821.197 |
| OD92 | 330 | <i>Callitris columellaris</i> | Native | Dead | callitrus | 31/10/2013 | 542500.9217 | 6778820.027 |
| OD93 | 292 | <i>Callitris columellaris</i> | Native | Healthy, at risk of falling over or fallen over | big bowl cut out at base | 31/10/2013 | 542508.3886 | 6778826.517 |
| OD94 | 215 | <i>Syzygium oleosum</i> | Native | Healthy, stable, no signs of distress | | 31/10/2013 | 542501.4183 | 6778822.758 |
| OD95 | 301 | <i>Callitris columellaris</i> | | Healthy, stable, no signs of distress | callitrus rooted in layered midden | 31/10/2013 | 542494.0143 | 6778837.577 |
| OD96 | 227 | <i>Callitris columellaris</i> | Native | Healthy, stable, no signs of distress | callitrus midden | 31/10/2013 | 542495.4046 | 6778840.821 |
| OD97 | 220 | <i>Melaleuca quinquenervia</i> | Native | Healthy, stable, no signs of distress | on top of midden | 31/10/2013 | 542494.6002 | 6778842.542 |
| OD98 | 388 | <i>Polyscias elegans</i> | Native | Healthy, at risk of falling over or fallen over | cesnapped ar 4m ht | 31/10/2013 | 542501.2799 | 6778846.635 |
| OD99 | 423 | <i>Corymbia intermedia</i> | Native | Dead | | 31/10/2013 | 542504.2954 | 6778846.494 |
| OD100 | 298 | <i>Casuarina glauca</i> | Native | Healthy, stable, no signs of distress | OD100 | 31/10/2013 | 542510.5155 | 6778844.717 |
| OD101 | 362 | <i>Casuarina glauca</i> | Native | Healthy, stable, no signs of distress | OD101 | 31/10/2013 | 542510.7218 | 6778843.498 |
| OD102 | 243 | <i>Banksia integrifolia</i> | Native | Healthy, stable, no signs of distress | OD102 | 1/11/2013 | 542470.0798 | 6778745.538 |
| OD103 | 520 | <i>Acacia disparrima</i> | Native | Healthy, at risk of falling over or fallen over | OD103 ACACacia multi stemmedhickory | 1/11/2013 | 542508.6554 | 6778854.696 |

Evans River Ocean Drive Tree Survey

| TREEID | DBH | SPECIES | TYPE | CONDITION | NOTES | DATE | EASTING | NORTHING |
|--------|-----|-------------------------------|------------|---|-------------------------|-----------|-------------|-------------|
| | | | | | not great cond | | | |
| OD104 | 411 | <i>Acacia disparrima</i> | Native | Healthy, stable, no signs of distress | OD104 HICK WATTLE | 1/11/2013 | 542515.0751 | 6778858.661 |
| OD105 | 378 | <i>Acacia disparrima</i> | Native | Healthy, stable, no signs of distress | OD105 HW | 1/11/2013 | 542512.5812 | 6778863.896 |
| OD106 | 575 | <i>Callitris columellaris</i> | Native | Dead | OD106 CALLITRUS | 1/11/2013 | 542512.0804 | 6778864.415 |
| OD107 | 340 | <i>Acacia disparrima</i> | Native | Dead | OD107 HW FALLEN | 1/11/2013 | 542509.0859 | 6778857.113 |
| OD108 | 300 | <i>Litsea australis</i> | Native | Healthy, at risk of falling over or fallen over | OD108 BROWN BOLLY GUM | 1/11/2013 | 542506.9401 | 6778855.644 |
| OD109 | 325 | <i>Casuarina glauca</i> | Native | Healthy, at risk of falling over or fallen over | OD109 | 1/11/2013 | 542507.8838 | 6778865.261 |
| OD110 | 216 | <i>Polyscias elegans</i> | Native | Dead | OD110 | 1/11/2013 | 542503.5442 | 6778862.544 |
| OD111 | 248 | <i>Ficus fraseri</i> | Native | Healthy, stable, no signs of distress | OD111 FICUSFRASERI | 1/11/2013 | 542506.3761 | 6778865.359 |
| OD112 | 373 | <i>Litsea australis</i> | Native | Healthy, stable, no signs of distress | OD112 BR BOLLY GUM | 1/11/2013 | 542510.2998 | 6778865.234 |
| OD113 | 446 | <i>Acacia disparrima</i> | Native | Healthy, at risk of falling over or fallen over | OD113 MS HW | 1/11/2013 | 542515.3024 | 6778871.826 |
| OD114 | 320 | <i>Ficus watkinsiana</i> | Native | Healthy, stable, no signs of distress | OD114 FICUS WATKINSIANA | 1/11/2013 | 542513.3929 | 6778868.509 |
| OD115 | 321 | <i>Callitris columellaris</i> | Native | Dead | OD115 CALLITRUS | 1/11/2013 | 542518.2958 | 6778861.363 |
| OD116 | 448 | <i>Erythrina x sykesii</i> | Non Native | Healthy, stable, no signs of distress | OD116 X SYKSEI | 1/11/2013 | 542514.5565 | 6778871.829 |
| OD117 | 340 | <i>Callitris columellaris</i> | Native | Healthy, stable, no signs of distress | OD117 CALLITRUS | 1/11/2013 | 542517.6011 | 6778875.16 |
| OD118 | 311 | <i>Callitris columellaris</i> | Native | Healthy, stable, no signs of distress | OD118 MS CALLITRUS | 1/11/2013 | 542519.8235 | 6778875.392 |
| OD119 | 380 | <i>Callitris columellaris</i> | Native | Healthy, stable, no signs of distress | OD119 CALITRUS | 1/11/2013 | 542521.9528 | 6778876.787 |
| OD120 | 413 | <i>Erythrina x sykesii</i> | Non Native | Dead | OD120 CORAL TREE | 1/11/2013 | 542516.2016 | 6778882.552 |
| OD121 | 730 | <i>Eucalyptus robusta</i> | Native | Dead | OD121 | 1/11/2013 | 542505.9523 | 6778886.597 |
| OD122 | 273 | <i>Erythrina crista-galli</i> | Non | Dead | OD122 CRISTA | 1/11/2013 | 542515.3629 | 6778883.773 |

Evans River Ocean Drive Tree Survey

| TREEID | DBH | SPECIES | TYPE | CONDITION | NOTES | DATE | EASTING | NORTHING |
|--------|-----|-------------------------------|------------|---|--------------------------|-----------|-------------|-------------|
| | | | Native | | GALLI | | | |
| OD123 | 330 | <i>Corymbia intermedia</i> | Native | Healthy, stable, no signs of distress | OD123 | 1/11/2013 | 542514.6173 | 6778875.116 |
| OD124 | 345 | <i>Alphitonia excelsa</i> | Native | Healthy, stable, no signs of distress | OD124 | 1/11/2013 | 542513.7931 | 6778875.857 |
| OD125 | 220 | <i>Syzygium oleosum</i> | Native | Healthy, stable, no signs of distress | OD125 | 1/11/2013 | 542510.2675 | 6778874.024 |
| OD126 | 250 | <i>Callitris columellaris</i> | Native | Healthy, stable, no signs of distress | OD126 CALITRUS | 1/11/2013 | 542510.1822 | 6778872.879 |
| OD127 | 375 | <i>Polyscias elegans</i> | Native | Dead | OD127 | 1/11/2013 | 542514.1937 | 6778874.582 |
| OD128 | 295 | <i>Ficus watkinsiana</i> | Native | Healthy, stable, no signs of distress | OD128 STRANGLER FIG | 1/11/2013 | 542510.5165 | 6778866.821 |
| OD129 | 245 | <i>Callitris columellaris</i> | Native | Healthy, at risk of falling over or fallen over | OD129 CALLITRUS | 1/11/2013 | 542510.9134 | 6778868.925 |
| OD130 | 387 | <i>Corymbia intermedia</i> | Native | Healthy, stable, no signs of distress | OD130 | 1/11/2013 | 542511.5714 | 6778867.076 |
| OD131 | 287 | <i>Eucalyptus robusta</i> | Native | Healthy, stable, no signs of distress | OD131 | 1/11/2013 | 542524.8964 | 6778900.93 |
| OD132 | 245 | <i>Corymbia intermedia</i> | Native | Healthy, stable, no signs of distress | OD132 | 1/11/2013 | 542526.8775 | 6778897.34 |
| | 0 | <i>Unknown</i> | | | STUMP | 1/11/2013 | 542520.716 | 6778897.418 |
| OD133 | 550 | <i>Eucalyptus robusta</i> | Native | Healthy, stable, no signs of distress | OD133 | 1/11/2013 | 542519.4338 | 6778897.091 |
| OD134 | 373 | <i>Casuarina glauca</i> | Native | Healthy, at risk of falling over or fallen over | OD134 | 1/11/2013 | 542515.0111 | 6778902.573 |
| OD135 | 540 | | Native | Dead | OD135 | 1/11/2013 | 542519.4885 | 6778894.376 |
| OD136 | 345 | <i>Casuarina glauca</i> | Native | Healthy, stable, no signs of distress | OD136 | 1/11/2013 | 542515.3108 | 6778891.585 |
| OD137 | 235 | <i>Eucalyptus robusta</i> | Native | Dead | OD137 | 1/11/2013 | 542518.7917 | 6778894.489 |
| OD138 | 353 | <i>Casuarina glauca</i> | Native | Healthy, stable, no signs of distress | OD138 MSTEM | 1/11/2013 | 542517.9145 | 6778898.426 |
| OD139 | 255 | <i>Erythrina crista-galli</i> | Non Native | Healthy, stable, no signs of distress | OD139 E CRISTA GALLI | 1/11/2013 | 542515.6042 | 6778896.348 |
| OD140 | 670 | <i>Erythrina crista-galli</i> | Non Native | Dead | OD140 E CRISTA GALLI | 1/11/2013 | 542513.3257 | 6778902.856 |
| OD141 | 290 | <i>Erythrina crista-galli</i> | Non Native | Dead | OD141 E CR GALLI | 1/11/2013 | 542515.0661 | 6778908.667 |
| OD142 | 470 | <i>Avicennia marina</i> | Native | Healthy, stable, no signs of distress | OD142 AVICENNA MARINA | 1/11/2013 | 542509.2318 | 6778913.896 |

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| TREEID | DBH | SPECIES | TYPE | CONDITION | NOTES | DATE | EASTING | NORTHING |
|--------|-----|-------------------------------|------------|---|---|-----------|-------------|-------------|
| OD143 | 635 | <i>Erythrina crista-galli</i> | Non Native | Dead | OD143 ECG MSTEM FLEEN | 1/11/2013 | 542515.265 | 6778918.564 |
| OD144 | 385 | <i>Erythrina crista-galli</i> | Non Native | Dead | OD144 ECG MS FALLEN | 1/11/2013 | 542513.8859 | 6778909.594 |
| OD145 | 240 | <i>Corymbia intermedia</i> | Native | Healthy, stable, no signs of distress | OD145 | 1/11/2013 | 542517.8783 | 6778941.12 |
| OD146 | 350 | <i>Eucalyptus robusta</i> | Native | Healthy, stable, no signs of distress | OD146 LAST ONE ROBUSTA | 1/11/2013 | 542512.0007 | 6778943.431 |
| OD147 | 295 | <i>Eucalyptus robusta</i> | Native | Healthy, stable, no signs of distress | OD147 | 1/11/2013 | 542516.3478 | 6778943.803 |
| OD148 | 627 | <i>Eucalyptus robusta</i> | Native | Healthy, stable, no signs of distress | OD148 VIEWCARE ATTEMPT TO KILL UNSUCCESSFUL | 1/11/2013 | 542520.9203 | 6778930.62 |
| OD149 | 577 | <i>Eucalyptus robusta</i> | Native | Healthy, stable, no signs of distress | OD149 | 1/11/2013 | 542509.8163 | 6778940.319 |
| OD150 | 550 | <i>Eucalyptus robusta</i> | Native | Healthy, stable, no signs of distress | OD150 | 1/11/2013 | 542500.4932 | 6778944.896 |
| OD151 | 204 | <i>Avicennia marina</i> | Native | Healthy, stable, no signs of distress | OD151MANGROVE | 1/11/2013 | 542503.1168 | 6778939.642 |
| OD152 | 440 | <i>Eucalyptus robusta</i> | Native | Healthy, stable, no signs of distress | OD152 | 1/11/2013 | 542508.2622 | 6778936.65 |
| OD153 | 612 | <i>Eucalyptus robusta</i> | Native | Healthy, at risk of falling over or fallen over | OD 153 | 1/11/2013 | 542514.4526 | 6778931.216 |
| OD154 | 440 | <i>Erythrina crista-galli</i> | Non Native | Dead | INDIAN CORAL TREE OD154 | 1/11/2013 | 542513.6795 | 6778928.264 |
| OD155 | 227 | <i>Avicennia marina</i> | Native | Healthy, stable, no signs of distress | OD155 MANGROVE | 1/11/2013 | 542506.2869 | 6778941.828 |
| OD156 | 525 | <i>Endiandra sieberi</i> | Native | Healthy, stable, no signs of distress | OD156 HARD CORWOOD | 1/11/2013 | 542511.651 | 6778945.335 |
| OD157 | 370 | <i>Endiandra sieberi</i> | Native | Healthy, at risk of falling over or fallen over | OD157 END. SIBERII | 1/11/2013 | 542508.3166 | 6778946.935 |
| OD158 | 202 | <i>Pouteria chartacea</i> | Native | Healthy, at risk of falling over or fallen over | OD158 THIN LEAVED COONDOO | 1/11/2013 | 542498.3586 | 6778950.832 |
| OD159 | 428 | <i>Corymbia intermedia</i> | Native | Healthy, stable, no signs of distress | OD159 | 1/11/2013 | 542505.7673 | 6778954.737 |
| OD160 | 347 | <i>Syzygium oleosum</i> | Native | Healthy, at risk of falling over or fallen over | OD160 | 1/11/2013 | 542502.9823 | 6778947.084 |
| OD161 | 320 | <i>Callitris columellaris</i> | Native | Dead | OD161 Callitrus | 1/11/2013 | 542500.6641 | 6778951.635 |

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| TREEID | DBH | SPECIES | TYPE | CONDITION | NOTES | DATE | EASTING | NORTHING |
|--------|-----|--------------------------------|------------|---|---------------------|-----------|-------------|-------------|
| OD162 | 640 | <i>Eucalyptus robusta</i> | Native | Healthy, stable, no signs of distress | OD162 | 1/11/2013 | 542500.015 | 6778947.132 |
| OD163 | 240 | <i>Avicennia marina</i> | Native | Healthy, stable, no signs of distress | OD163 MANGROVE | 1/11/2013 | 542489.5249 | 6778951.843 |
| OD164 | 280 | <i>Callitris columellaris</i> | Native | Dead | OD164 CALLITRUS | 1/11/2013 | 542492.7439 | 6778954.084 |
| OD165 | 680 | <i>Ficus watkinsiana</i> | Native | Healthy, stable, no signs of distress | OD165 FIG STRANGLER | 1/11/2013 | 542491.4688 | 6778955.695 |
| OD166 | 415 | <i>Eucalyptus robusta</i> | Native | Dead | OD166 | 1/11/2013 | 542491.369 | 6778963.765 |
| OD167 | 370 | <i>Cinnamomum camphora</i> | Non Native | Dead | OD167 CAMPHOR MS | 1/11/2013 | 542497.6313 | 6778964.61 |
| OD168 | 985 | <i>Eucalyptus robusta</i> | Native | Healthy, stable, no signs of distress | OD168 | 1/11/2013 | 542496.2133 | 6778971.392 |
| OD169 | 218 | <i>Syzygium oleosum</i> | Native | Healthy, stable, no signs of distress | D169 | 1/11/2013 | 542501.726 | 6778966.866 |
| OD170 | 325 | <i>Litsea australis</i> | Native | Healthy, stable, no signs of distress | OD170 BBG | 1/11/2013 | 542502.609 | 6778960.123 |
| OD171 | 210 | <i>Eucalyptus tereticornis</i> | Native | Healthy, stable, no signs of distress | OD171 | 1/11/2013 | 542506.9191 | 6778959.257 |
| OD172 | 302 | <i>Acacia disparrima</i> | Native | Healthy, at risk of falling over or fallen over | OD172 HWAT | 1/11/2013 | 542507.1341 | 6778973.494 |
| OD173 | 635 | <i>Callitris columellaris</i> | Native | Dead | OD173 CALLITRUS | 1/11/2013 | 542495.0785 | 6778967.094 |
| OD174 | 305 | <i>Schefflera actinophylla</i> | Non Native | Healthy, stable, no signs of distress | OD174 UMBRELLA TREE | 1/11/2013 | 542490.9026 | 6778973.536 |
| OD175 | 310 | <i>Euroschinus falcatus</i> | Native | Healthy, stable, no signs of distress | OD175 | 1/11/2013 | 542494.9823 | 6778967.39 |
| OD176 | 245 | <i>Corymbia intermedia</i> | Native | Healthy, at risk of falling over or fallen over | OD176 | 1/11/2013 | 542489.5565 | 6778964.732 |
| OD177 | 515 | <i>Callitris columellaris</i> | Native | Dead | OD177 CALITRUS | 1/11/2013 | 542490.9827 | 6778964.542 |
| OD178 | 550 | <i>Eucalyptus robusta</i> | Native | Healthy, at risk of falling over or fallen over | OD178 | 1/11/2013 | 542493.1749 | 6778961.007 |
| OD179 | 230 | <i>Glochidion ferdinandi</i> | Native | Healthy, stable, no signs of distress | OOD179 | 1/11/2013 | 542486.1735 | 6778975.104 |
| OD180 | 200 | <i>Syzygium oleosum</i> | Native | Healthy, stable, no signs of distress | OD180 | 1/11/2013 | 542486.3955 | 6778978.132 |
| OD181 | 220 | <i>Corymbia intermedia</i> | Native | Healthy, stable, no signs of distress | OD181 | 1/11/2013 | 542490.0537 | 6778976.382 |
| OD182 | 440 | <i>Syzygium oleosum</i> | Native | Healthy, at risk of falling over or fallen over | OD182 | 1/11/2013 | 542486.9784 | 6778964.779 |
| OD183 | 210 | <i>Banksia integrifolia</i> | Native | Healthy, at risk of falling over or | OD183 | 1/11/2013 | 542480.7369 | 6778978.282 |

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| TREEID | DBH | SPECIES | TYPE | CONDITION | NOTES | DATE | EASTING | NORTHING |
|--------|-----|--------------------------------|------------|---|------------------------|-----------|-------------|-------------|
| | | | | fallen over | | | | |
| OD184 | 290 | <i>Corymbia intermedia</i> | Native | Healthy, stable, no signs of distress | OD184 | 1/11/2013 | 542478.5835 | 6778979.158 |
| OD185 | 335 | <i>Corymbia intermedia</i> | Native | Healthy, stable, no signs of distress | OD185 | 1/11/2013 | 542482.5492 | 6778986.013 |
| OD186 | 212 | <i>Litsea australis</i> | Native | Healthy, stable, no signs of distress | OD186 BBGUM | 1/11/2013 | 542482.9749 | 6778982.743 |
| OD187 | 371 | <i>Glochidion ferdinandi</i> | Native | Healthy, stable, no signs of distress | OD187 | 1/11/2013 | 542487.608 | 6778981.525 |
| OD188 | 301 | <i>Corymbia intermedia</i> | Native | Healthy, stable, no signs of distress | OD188 | 1/11/2013 | 542489.4512 | 6778988.812 |
| OD189 | 370 | <i>Melaleuca quinquenervia</i> | Native | Healthy, stable, no signs of distress | OD189 | 1/11/2013 | 542489.775 | 6778993.058 |
| OD190 | 215 | Unknown | Non Native | Healthy, stable, no signs of distress | OD190 UID CAB TIMBER ? | 1/11/2013 | 542489.6069 | 6778991.452 |
| OD191 | 580 | <i>Callitris columellaris</i> | Native | Healthy, stable, no signs of distress | OD191 CAL COL | 1/11/2013 | 542476.1845 | 6778975.03 |
| OD192 | 336 | <i>Banksia integrifolia</i> | Native | Healthy, stable, no signs of distress | OD192 | 1/11/2013 | 542471.2637 | 6778977.394 |
| OD193 | 310 | <i>Glochidion ferdinandi</i> | Native | Healthy, stable, no signs of distress | OD193 | 1/11/2013 | 542475.7345 | 6778980.498 |
| OD194 | 280 | <i>Corymbia intermedia</i> | Native | Healthy, stable, no signs of distress | OD194 | 1/11/2013 | 542478.1987 | 6778984.718 |
| OD195 | 238 | <i>Corymbia intermedia</i> | Native | Healthy, stable, no signs of distress | OD195 | 1/11/2013 | 542481.3568 | 6778983.653 |
| OD196 | 270 | <i>Euroschinus falcatus</i> | Native | Healthy, stable, no signs of distress | OD196 | 1/11/2013 | 542480.9353 | 6778979.315 |
| OD197 | 336 | <i>Corymbia intermedia</i> | Native | Healthy, stable, no signs of distress | OD197 | 1/11/2013 | 542487.9493 | 6778990.461 |
| OD198 | 433 | <i>Callitris columellaris</i> | Native | Healthy, stable, no signs of distress | OD198 ALITRUS | 1/11/2013 | 542483.9328 | 6778987.429 |
| OD199 | 245 | <i>Corymbia intermedia</i> | Native | Healthy, stable, no signs of distress | OD199 | 1/11/2013 | 542475.2173 | 6778989.696 |
| OD200 | 421 | <i>Callitris columellaris</i> | Native | Healthy, stable, no signs of distress | OD200 CALITRUS | 1/11/2013 | 542484.2891 | 6778996.052 |
| OD201 | 240 | <i>Callitris columellaris</i> | Native | Healthy, stable, no signs of distress | OD201 CALITRUS | 1/11/2013 | 542481.1923 | 6778996.156 |
| OD202 | 348 | <i>Corymbia intermedia</i> | Native | Healthy, stable, no signs of distress | OD202 | 1/11/2013 | 542474.8066 | 6778992.652 |
| OD203 | 655 | <i>Callitris columellaris</i> | Native | Healthy, stable, no signs of distress | OD203 ACALITRUS | 1/11/2013 | 542471.6104 | 6778992.184 |
| OD204 | 285 | <i>Callitris columellaris</i> | Native | Healthy, stable, no signs of distress | OD204 MS CALITR | 1/11/2013 | 542469.0969 | 6778979.027 |
| OD205 | 295 | <i>Callitris columellaris</i> | Native | Healthy, at risk of falling over or fallen over | OD205 CALITRUS | 1/11/2013 | 542484.5178 | 6778974.649 |
| OD206 | 203 | <i>Callitris columellaris</i> | Native | Healthy, stable, no signs of distress | OD206 MANGROVE | 1/11/2013 | 542490.3521 | 6778951.914 |
| OD207 | 230 | <i>Callitris columellaris</i> | Native | Healthy, stable, no signs of distress | OD207CALITRUS | 1/11/2013 | 542471.7072 | 6778978.925 |
| OD208 | 395 | <i>Melaleuca quinquenervia</i> | Native | Healthy, stable, no signs of distress | OD208 | 1/11/2013 | 542463.3458 | 6778993.6 |

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| TREEID | DBH | SPECIES | TYPE | CONDITION | NOTES | DATE | EASTING | NORTHING |
|--------|-----|-------------------------------|--------|---------------------------------------|---------------------------|-----------|-------------|-------------|
| OD209 | 225 | <i>Callitris columellaris</i> | Native | Healthy, stable, no signs of distress | OD209 CAL | 1/11/2013 | 542463.7485 | 6778988.501 |
| OD210 | 270 | <i>Casuarina glauca</i> | Native | Healthy, stable, no signs of distress | OD210 MS | 1/11/2013 | 542472.3992 | 6778990.611 |
| OD211 | 492 | <i>Callitris columellaris</i> | Native | Healthy, stable, no signs of distress | OD211 CALTRUS | 1/11/2013 | 542473.918 | 6779002.258 |
| OD212 | 400 | <i>Callitris columellaris</i> | Native | Healthy, stable, no signs of distress | OD212 CALITRUS | 1/11/2013 | 542474.5213 | 6778998.803 |
| OD213 | 335 | <i>Corymbia intermedia</i> | Native | Healthy, stable, no signs of distress | OD213 | 1/11/2013 | 542480.9243 | 6779011.336 |
| OD214 | 291 | <i>Alphitonia excelsa</i> | Native | Healthy, stable, no signs of distress | OD214 | 1/11/2013 | 542480.4235 | 6779007.46 |
| OD215 | 255 | <i>Callitris columellaris</i> | Native | Healthy, stable, no signs of distress | OD215 CALITRUS | 1/11/2013 | 542474.8941 | 6779011.875 |
| OD216 | 230 | <i>Corymbia intermedia</i> | Native | Healthy, stable, no signs of distress | OD216 | 1/11/2013 | 542472.4233 | 6779005.864 |
| OD217 | 470 | <i>Banksia integrifolia</i> | Native | Dead | OD217 | 1/11/2013 | 542462.473 | 6779007.153 |
| OD219 | 234 | <i>Endiandra sieberi</i> | Native | Healthy, stable, no signs of distress | OD219 HARD CORKWOOD | 1/11/2013 | 542459.6712 | 6779008.441 |
| OD218 | 213 | <i>Endiandra sueberi</i> | Native | Healthy, stable, no signs of distress | OD218 HARD CORKOOD | 1/11/2013 | 542461.1347 | 6779009.544 |
| OD220 | 218 | <i>Corymbia intermedia</i> | Native | Healthy, stable, no signs of distress | OD220 | 1/11/2013 | 542452.5406 | 6779009.576 |
| OD221 | 222 | <i>Corymbia intermedia</i> | Native | Healthy, stable, no signs of distress | OD221 | 1/11/2013 | 542446.8625 | 6779008.858 |
| OD222 | 218 | <i>Callitris columellaris</i> | Native | Healthy, stable, no signs of distress | OD222 CALITRUS | 1/11/2013 | 542456.5677 | 6779002.359 |
| OD223 | 203 | <i>Casuarina glauca</i> | Native | Healthy, stable, no signs of distress | OD223 | 1/11/2013 | 542459 | 6779002.35 |
| OD224 | 210 | <i>Callitris columellaris</i> | Native | Healthy, stable, no signs of distress | OD224 CALTRUS | 1/11/2013 | 542453.3431 | 6779007.357 |
| OD225 | 475 | <i>Banksia integrifolia</i> | Native | Dead | OD225 | 1/11/2013 | 542464.0795 | 6779016.55 |
| OD226 | 224 | <i>Corymbia intermedia</i> | Native | Healthy, stable, no signs of distress | OD226 | 1/11/2013 | 542464.2485 | 6779018.396 |
| OD227 | 480 | <i>Corymbia intermedia</i> | Native | Healthy, stable, no signs of distress | OD227 SOME PARTS DYING | 1/11/2013 | 542466.4967 | 6779012.479 |
| OD228 | 220 | <i>Corymbia intermedia</i> | Native | Healthy, stable, no signs of distress | OD228 | 1/11/2013 | 542467.6687 | 6779022.446 |
| OD229 | 225 | <i>Corymbia intermedia</i> | Native | Healthy, stable, no signs of distress | OD229 | 1/11/2013 | 542466.7102 | 6779026.327 |
| OD230 | 235 | <i>Acacia disparrima</i> | Native | Healthy, stable, no signs of distress | OD230 HW | 1/11/2013 | 542464.7397 | 6779019.687 |
| OD231 | 275 | <i>Corymbia intermedia</i> | Native | Dead | OD231 | 1/11/2013 | 542464.2615 | 6779021.905 |
| OD232 | 320 | <i>Callitris columellaris</i> | Native | Healthy, stable, no signs of distress | OD232 CALITRUS | 1/11/2013 | 542458.5786 | 6779019.895 |
| OD233 | 225 | <i>Callitris columellaris</i> | Native | Healthy, stable, no signs of distress | OD233 | 1/11/2013 | 542447.0589 | 6779018.091 |

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| TREEID | DBH | SPECIES | TYPE | CONDITION | NOTES | DATE | EASTING | NORTHING |
|--------|-----|--------------------------------|--------|--|---------------------------|-----------|-------------|-------------|
| OD234 | 305 | <i>Callitris columellaris</i> | Native | Healthy, stable, no signs of distress | OD234 CALITRUS | 1/11/2013 | 542450.3019 | 6779018.079 |
| OD235 | 270 | <i>Euroschinus falcatus</i> | Native | Healthy, stable, no signs of distress | OD235 | 1/11/2013 | 542453.0804 | 6779023.977 |
| OD236 | 296 | <i>Callitris columellaris</i> | Native | Healthy, stable, no signs of distress | OD236 CALITRUS | 1/11/2013 | 542446.751 | 6779022.524 |
| OD237 | 202 | <i>Callitris columellaris</i> | Native | Healthy, stable, no signs of distress | OD237 CALTRUS | 1/11/2013 | 542450.2869 | 6779014.016 |
| OD238 | 595 | <i>Melaleuca quinquenervia</i> | Native | Healthy, stable, no signs of distress | OD238 | 1/11/2013 | 542440.9005 | 6779019.037 |
| OD239 | 260 | <i>Callitris columellaris</i> | Native | Healthy, stable, no signs of distress | OD239 CALTRUS | 1/11/2013 | 542445.8006 | 6779028.621 |
| OD240 | 317 | <i>Callitris columellaris</i> | Native | Healthy, stable, no signs of distress | OD240 CA LIRUS | 1/11/2013 | 542444.9707 | 6779023.453 |
| OD241 | 225 | <i>Callitris columellaris</i> | Native | Healthy, stable, no signs of distress | OD241 CAL | 1/11/2013 | 542438.9881 | 6779028.092 |
| OD242 | 260 | <i>Callitris columellaris</i> | Native | Healthy, stable, no signs of distress | OD242SOME UNDERCUTTING | 1/11/2013 | 542442.5712 | 6779032.326 |
| OD243 | 382 | <i>Callitris columellaris</i> | Native | Healthy, stable, no signs of distress | OD243 CALITRUS | 1/11/2013 | 542444.0354 | 6779033.613 |
| OD244 | 233 | <i>Banksia integrifolia</i> | Native | Healthy, at risk of falling over or fallen over | OD244 | 1/11/2013 | 542438.3607 | 6779033.819 |
| OD245 | 427 | <i>Callitris columellaris</i> | Native | Healthy, stable, no signs of distress | OD245 CALITRUS | 1/11/2013 | 542441.3164 | 6779043.78 |
| OD246 | 354 | <i>Banksia aemula</i> | Native | Dead | OD246 | 1/11/2013 | 542446.53 | 6779050.408 |
| OD247 | 270 | <i>Acacia disparrima</i> | Native | Healthy, stable, no signs of distress | OD247 HW | 1/11/2013 | 542440.4735 | 6779035.104 |
| OD248 | 200 | <i>Callitris columellaris</i> | Native | Healthy, stable, no signs of distress | OD248 CAL | 1/11/2013 | 542445.9826 | 6779033.975 |
| OD249 | 219 | <i>Corymbia intermedia</i> | Native | Healthy, stable, no signs of distress | OD249 | 1/11/2013 | 542452.6152 | 6779029.704 |
| OD250 | 262 | <i>Glochidion ferdinandi</i> | Native | Healthy, stable, no signs of distress | OD250 | 1/11/2013 | 542450.4997 | 6779027.68 |
| OD251 | 720 | <i>Acacia disparrima</i> | Native | Healthy, stable, no signs of distress | OD251 HW | 1/11/2013 | 542456.1894 | 6779031.537 |
| OD252 | 300 | <i>Corymbia intermedia</i> | Native | Healthy, stable, no signs of distress | OD252 | 1/11/2013 | 542457.3682 | 6779025.827 |
| OD253 | 200 | <i>Litsea australis</i> | Native | Healthy, stable, no signs of distress | OD253 BBGUM | 1/11/2013 | 542460.6994 | 6779032.093 |
| OD254 | 220 | <i>Elaeocarpus reticulatus</i> | Native | Healthy, stable, no signs of distress | OD254 | 1/11/2013 | 542450.7027 | 6779034.327 |
| OD255 | 620 | <i>Acacia disparrima</i> | Native | Healthy, stable, no signs of distress | OD255 HW | 1/11/2013 | 542451.2331 | 6779046.181 |
| OD256 | 400 | <i>Corymbia intermedia</i> | Native | Healthy, stable, no signs of distress | OD256 | 1/11/2013 | 542451.3171 | 6779051.351 |
| OD257 | 231 | <i>Corymbia intermedia</i> | Native | Healthy, stable, no signs of distress | OD257 | 1/11/2013 | 542453.2993 | 6779048.038 |
| OD258 | 210 | <i>Litsea australis</i> | Native | Healthy, stable, no signs of distress | OD258 BBGUM | 1/11/2013 | 542449.7292 | 6779060.442 |
| OD259 | 370 | <i>Corymbia intermedia</i> | Native | Healthy, stable, no signs of distress | OD259 | 1/11/2013 | 542442.5581 | 6779055.039 |

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| TREEID | DBH | SPECIES | TYPE | CONDITION | NOTES | DATE | EASTING | NORTHING |
|--------|-----|---------------------------------|--------|---------------------------------------|------------------|-----------|-------------|-------------|
| OD260 | 310 | <i>Casuarina glauca</i> | Native | Healthy, stable, no signs of distress | OD260 | 1/11/2013 | 542442.6831 | 6779058.141 |
| OD261 | 347 | <i>Corymbia intermedia</i> | Native | Healthy, stable, no signs of distress | OD261 | 1/11/2013 | 542447.0522 | 6779055.688 |
| OD262 | 305 | <i>Corymbia intermedia</i> | Native | Healthy, stable, no signs of distress | OD262 | 1/11/2013 | 542457.6604 | 6779056.553 |
| OD263 | 326 | <i>Corymbia intermedia</i> | Native | Healthy, stable, no signs of distress | OD263 | 1/11/2013 | 542462.6237 | 6779048.151 |
| OD264 | 400 | <i>Callitris columellaris</i> | Native | Healthy, stable, no signs of distress | OD264 CALITRUS | 1/11/2013 | 542467.8464 | 6779044.125 |
| OD265 | 315 | <i>Callitris columellaris</i> | Native | Healthy, stable, no signs of distress | OD265CALITRUS | 1/11/2013 | 542472.8174 | 6779037.809 |
| OD266 | 339 | <i>Corymbia intermedia</i> | Native | Healthy, stable, no signs of distress | OD266 | 1/11/2013 | 542461.3578 | 6779039.107 |
| OD267 | 310 | <i>Callitris columellaris</i> | Native | Healthy, stable, no signs of distress | OD267 CALITRUS | 1/11/2013 | 542466.8975 | 6779033.104 |
| OD268 | 255 | <i>Corymbia intermedia</i> | Native | Healthy, stable, no signs of distress | OD268 | 1/11/2013 | 542470.0803 | 6779029.953 |
| OD269 | 250 | <i>Callitris columellaris</i> | Native | Healthy, stable, no signs of distress | OD269 CALITRUS | 1/11/2013 | 542466.3463 | 6779028.766 |
| OD270 | 300 | <i>Callitris columellaris</i> | Native | Dead | OD270 CAL | 1/11/2013 | 542476.751 | 6779022.856 |
| OD271 | 370 | <i>Ficus watkinsiana</i> | Native | Healthy, stable, no signs of distress | D271FICUS WATKIN | 1/11/2013 | 542479.5908 | 6779014.683 |
| OD272 | 265 | <i>Corymbia intermedia</i> | Native | Healthy, stable, no signs of distress | OD272 | 1/11/2013 | 542484.337 | 6779017.712 |
| OD273 | 302 | <i>Litsea australis</i> | Native | Healthy, stable, no signs of distress | OD273BBGUM | 1/11/2013 | 542478.6179 | 6779005.934 |
| OD274 | 227 | <i>Litsea australis</i> | Native | Healthy, stable, no signs of distress | OD274 BBGUM | 1/11/2013 | 542481.2969 | 6779006.866 |
| OD275 | 250 | <i>Euroschinus falcatus</i> | Native | Healthy, stable, no signs of distress | OD275 | 1/11/2013 | 542483.3183 | 6779005.362 |
| OD276 | 300 | <i>Litsea australis</i> | Native | Healthy, stable, no signs of distress | OD276 BBGUM | 1/11/2013 | 542488.2057 | 6779002.759 |
| OD277 | 306 | <i>Callitris columellaris</i> | Native | Healthy, stable, no signs of distress | OD277 CAL | 1/11/2013 | 542461.043 | 6779059.163 |
| OD278 | 330 | <i>Lophostemenon suaveolons</i> | Native | Healthy, stable, no signs of distress | OD278 | 1/11/2013 | 542456.987 | 6779058.605 |
| OD279 | 325 | <i>Callitris columellaris</i> | Native | Healthy, stable, no signs of distress | OD279 CAL | 1/11/2013 | 542455.4118 | 6779058.002 |
| OD280 | 250 | <i>Euroschinus falcatus</i> | Native | Healthy, stable, no signs of distress | OD280 | 1/11/2013 | 542458.8718 | 6779064.009 |
| OD281 | 311 | <i>Callitris columellaris</i> | Native | Healthy, stable, no signs of distress | OD281 CAL | 1/11/2013 | 542452.6777 | 6779059.692 |
| OD282 | 315 | <i>Euroschinus falcatus</i> | Native | Healthy, stable, no signs of distress | OD282 | 1/11/2013 | 542450.4257 | 6779060.236 |
| OD283 | 292 | <i>Corymbia intermedia</i> | Native | Dead | D283 | 1/11/2013 | 542448.1259 | 6779065.36 |
| OD284 | 235 | <i>Callitris columellaris</i> | Native | Healthy, stable, no signs of distress | OD284 CAL | 1/11/2013 | 542460.344 | 6779067.457 |
| OD285 | 275 | <i>Callitris columellaris</i> | Native | Healthy, stable, no signs of distress | D285 CAL | 1/11/2013 | 542460.0031 | 6779067.366 |
| OD286 | 400 | <i>Callitris columellaris</i> | Native | Healthy, stable, no signs of distress | OD286 CAL | 1/11/2013 | 542459.6424 | 6779070.654 |

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| TREEID | DBH | SPECIES | TYPE | CONDITION | NOTES | DATE | EASTING | NORTHING |
|--------|-----|--------------------------------|--------|---------------------------------------|------------------|-----------|-------------|-------------|
| OD287 | 355 | <i>Callitris columellaris</i> | Native | Healthy, stable, no signs of distress | OD287 CAL | 1/11/2013 | 542452.0026 | 6779070.073 |
| OD288 | 275 | <i>Callitris columellaris</i> | Native | Healthy, stable, no signs of distress | OD288 CAL | 1/11/2013 | 542458.5983 | 6779073.354 |
| OD289 | 200 | <i>Melaleuca quinquenervia</i> | Native | Healthy, stable, no signs of distress | OD289 | 1/11/2013 | 542465.1245 | 6779070.984 |
| OD290 | 365 | <i>Callitris columellaris</i> | Native | Healthy, stable, no signs of distress | OD290 CAL | 1/11/2013 | 542462.8588 | 6779076.57 |
| OD291 | 220 | <i>Callitris columellaris</i> | Native | Healthy, stable, no signs of distress | OD291 CAL | 1/11/2013 | 542459.4237 | 6779081.66 |
| OD292 | 211 | <i>Callitris columellaris</i> | Native | Healthy, stable, no signs of distress | 292 CALITRIS COL | 1/11/2013 | 542462.9124 | 6779082.294 |