




LEGEND

-  Proposed Broad leaf paperbark
- at 7m centres
-  Proposed Swamp mahogany
- at 7m centres (within identified Koala
food tree planting areas only - refer to KPOM)
-  Proposed melanhole (0.6x1.8m TYP.)
surrounded by Saw sedges

SOURCE: JWA

SCALE: Not to Scale

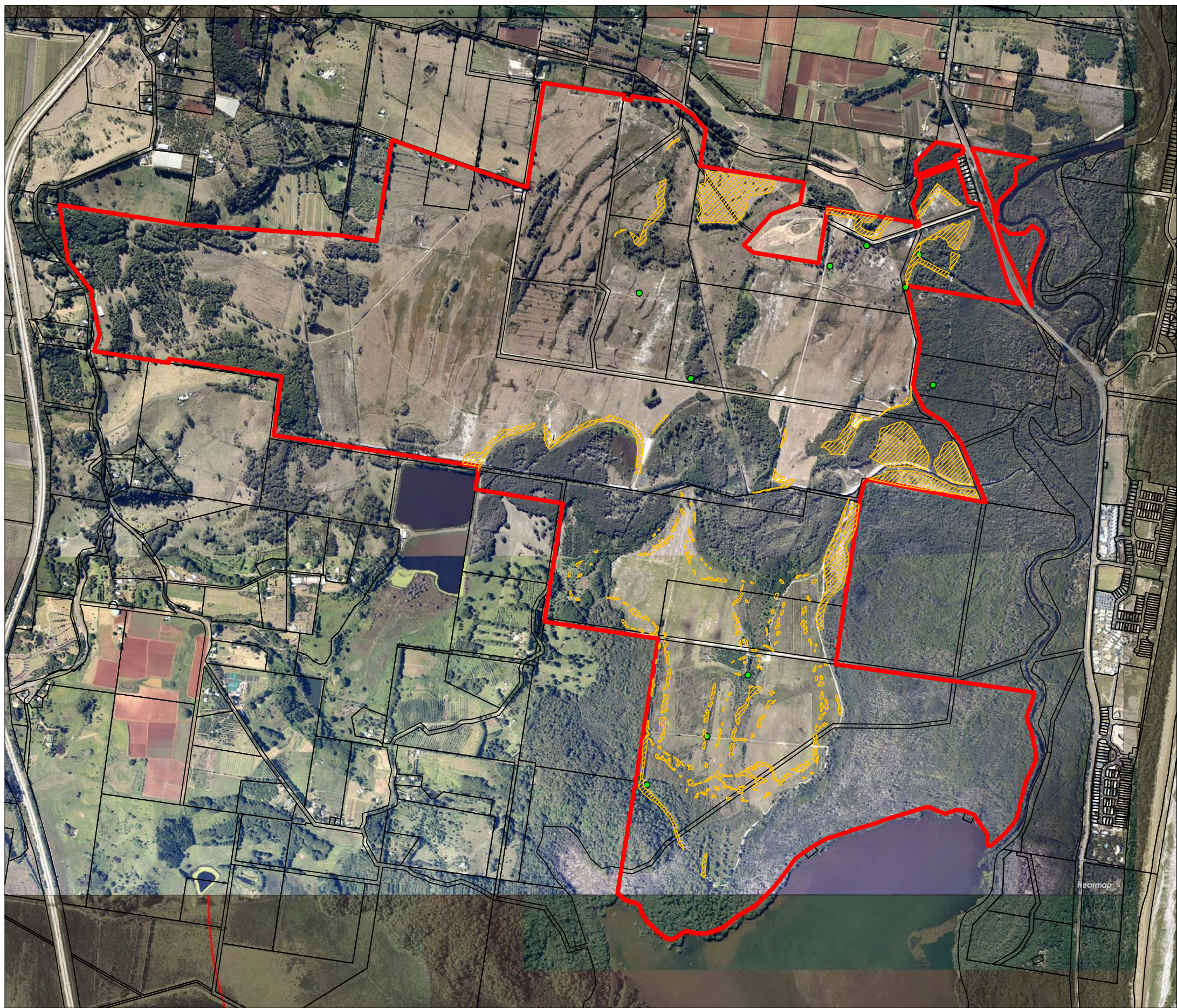
JAMES WARREN & ASSOCIATES PTY LIMITED
Environmental Consultants

CLIENT
Project 28 Pty Ltd
PROJECT
Kings Forest Stage 1 Project Application
Precincts 1 & 5 - Threatened Species Mgt Plan
Melaleuca Drive, Duranbah, NSW
Shire of Tweed

FIGURE 9

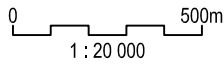
PREPARED: BW
DATE: 23 August 2012
FILE: N97017_frog habitat.cdr

TITLE
**TYPICAL
WALLUM SEDGE
FROG HABITAT
PLAN & SECTION**



LEGEND

- Wallum Sedge Frog Compensatory Habitat
- Wallum Sedge Frog
- Kings Forest Boundary

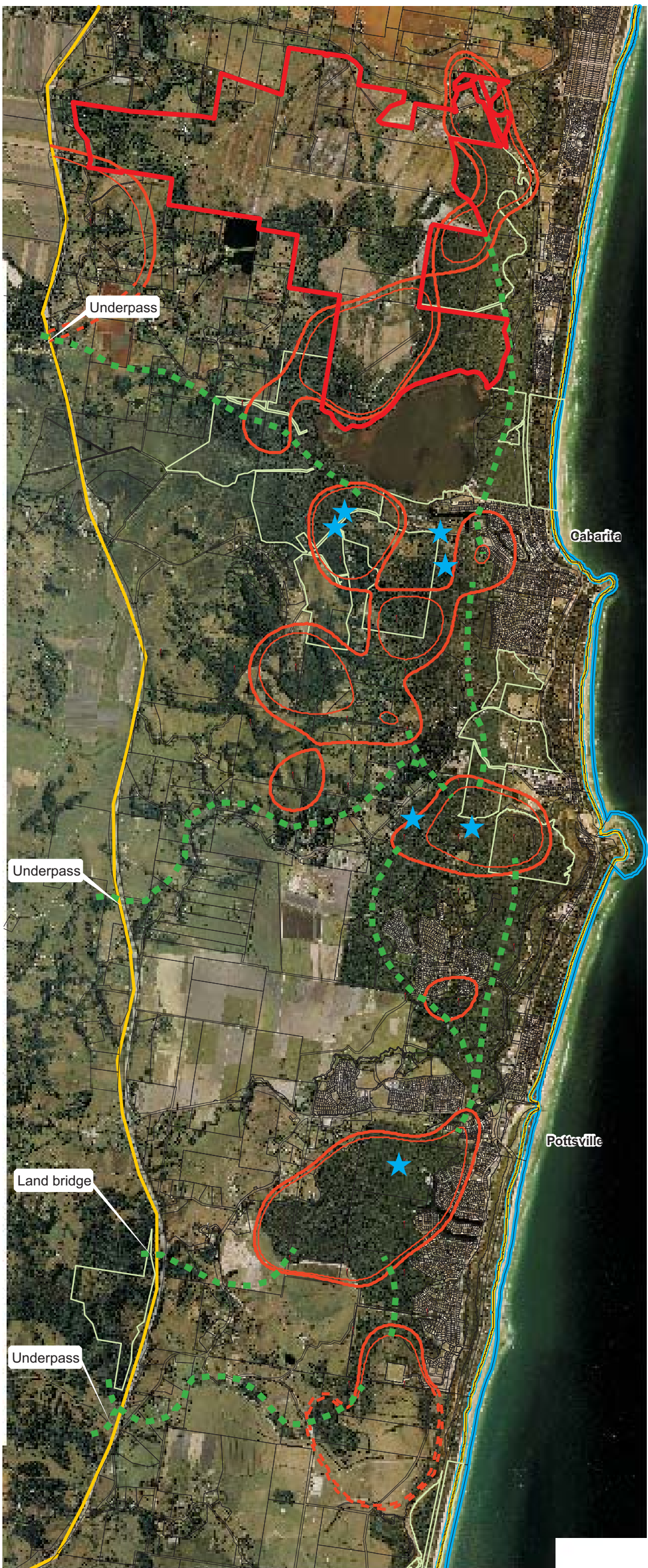


SOURCE: JWA Site Investigations;
 Landpartners 2007 Aerial; Near Map June
 2011 Aerial
 SCALE: 1 : 20 000 @ A3
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 Response to DSEWPC RFI
 Kings Forest
 Melaleuca Drive, Duranbah, NSW
 Shire of Tweed

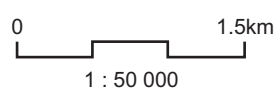
FIGURE 10
 PREPARED: BW
 DATE: 21 August 2012
 FILE: N97017_TSMP_Base.dwg

TITLE
**WALLUM
 SEDGE FROG
 COMPENSATORY
 HABITAT & RECORDS**



LEGEND

- Linkages
- Metapopulation Boundaries
 - Significant Activity
 - High Activity
 - - Undefined Boundary
- ★ Koala Sightings
- Nature Reserve
- Major Roads
- ▭ Tweed Coastal Strip
- ▭ Tweed LGA Boundary
- ▭ Kings Forest Boundary



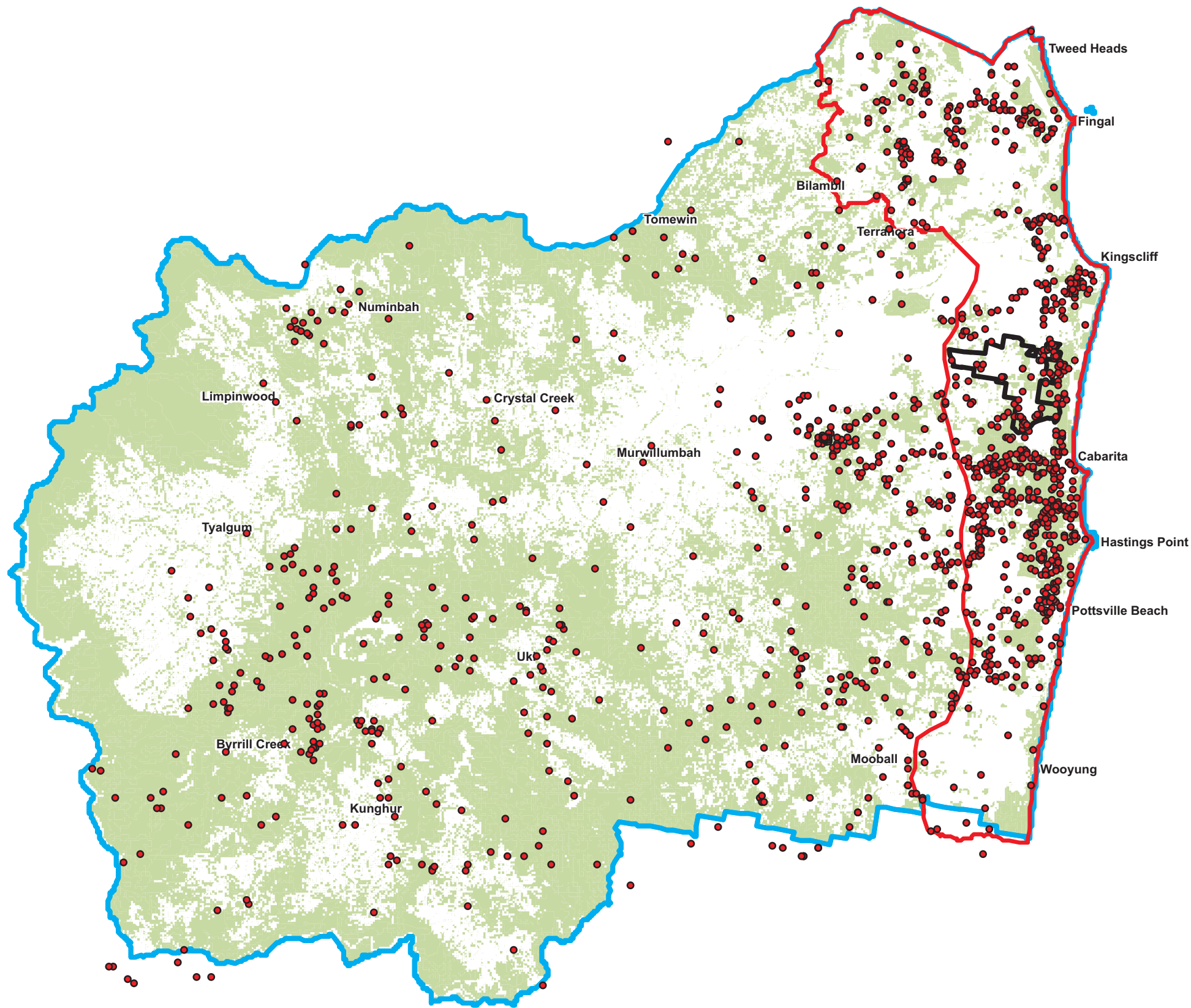
SOURCE: Biolink Ecological Consultants - Tweed Coast Koala Habitat Study (2011)
SCALE: 1 : 50 000 @ A3
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Kings Forest Estate
Melaleuca Drive, Duranbah, NSW
Shire of Tweed

FIGURE 11

PREPARED: BW
DATE: 21 August 2012
FILE:N97017_Koala Pop.cdr

TITLE
**INDICATIVE
METAPOPOPULATION
BOUNDARIES &
LINKAGES**



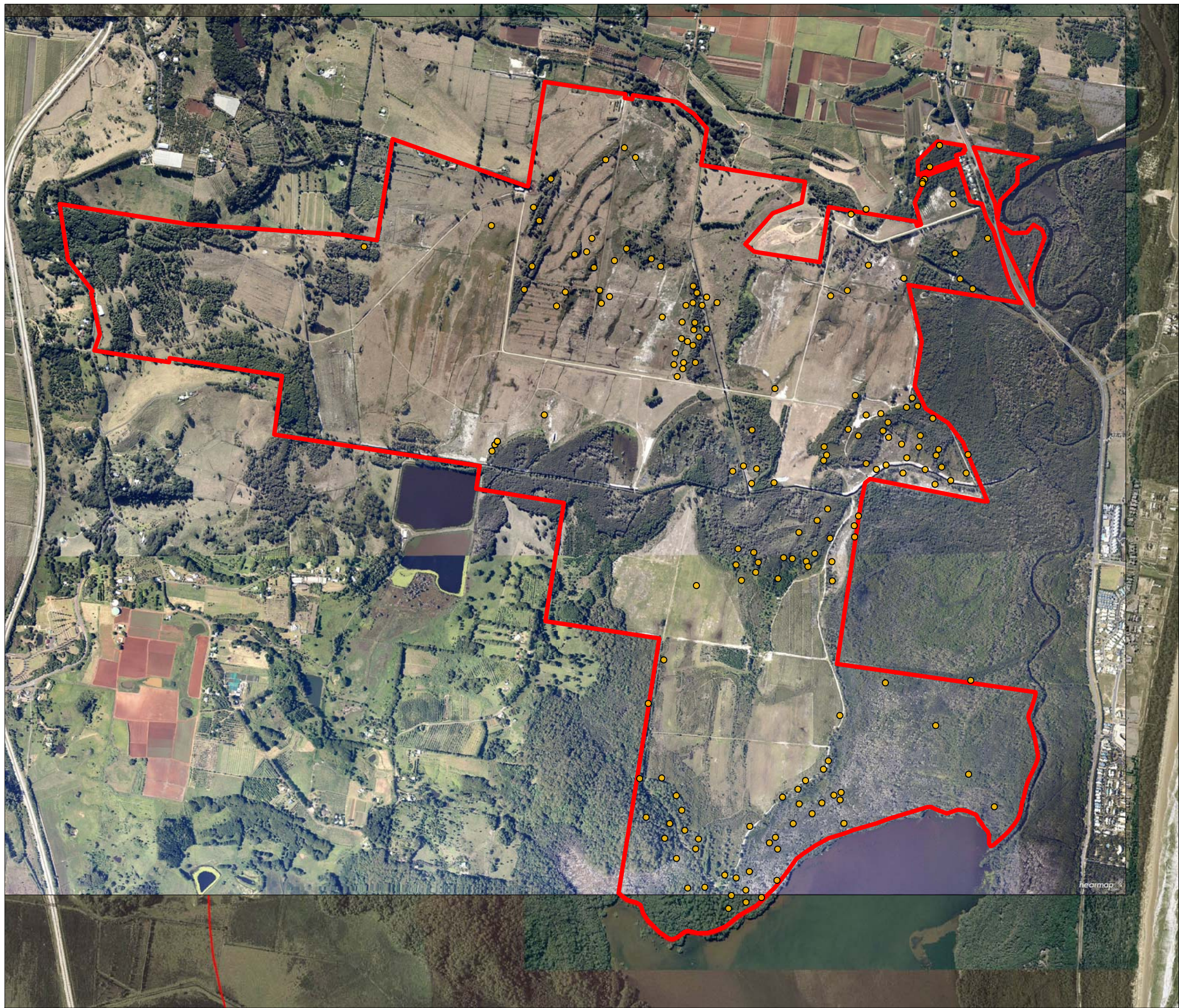
LEGEND

- Koala Records
- Bushland
- ▭ Tweed Coastal Strip
- ▭ Tweed LGA Boundary
- ▭ Kings Forest Boundary

Note: Records shown are since 1950 and have been sourced from Tweed Shire Council, DECCW and various other sources.



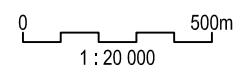
SOURCE: Biolink Ecological Consultants - Tweed Coast Koala Habitat Study (2011) SCALE: 1 : 200 000 @ A3	CLIENT Project 28 Pty Ltd PROJECT Response to DSEWPC RFI Kings Forest Estate Melaleuca Drive, Duranbah, NSW Shire of Tweed	FIGURE 12 PREPARED: BW DATE: 21 August 2012 FILE:N97017_tweedkoala.cdr	TITLE KOALA RECORDS WITHIN TWEED LGA & COASTAL STRIP
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LEGEND

- Koala
- Kings Forest Boundary

Note: Records shown on the Kings Forest site are since 1990 and include data collected during radio-tracking programs. The records shown include small-scale movements of Koalas over a number of days/nights.

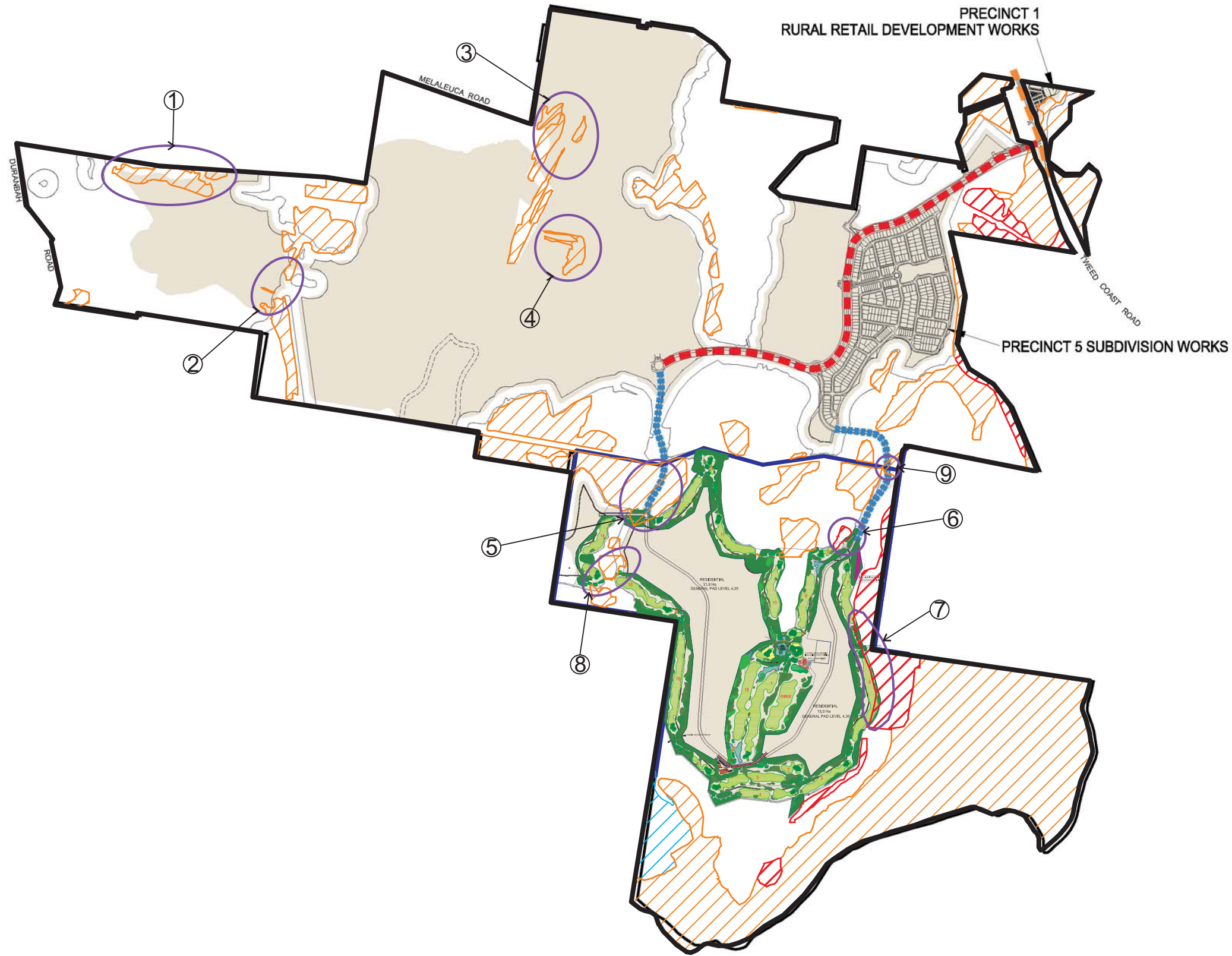


SOURCE: Landpartners - Threatened Fauna
 - Birds & Mammals & 2007 Aerial Photograph;
 Near Map June 2011 Aerial
 SCALE: 1 : 20 000 @ A3
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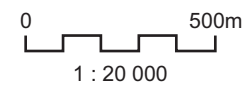
FIGURE 13
 PREPARED: BW
 DATE: 21 August 2012
 FILE: N97017_Base.dwg

TITLE
KOALA RECORDS



LEGEND

- Tweed Coast Road Intersection Works
- Kings Forest Parkway through to Western Precincts
- Roads through to Southern Precincts
- Indicative Bulk Earthworks Location (Refer to detailed engineering design by Mortons Urban Solutions)
- Primary Koala Habitat (0ha to be lost)
- Secondary (A) Koala Habitat (6.68ha to be lost)
- Secondary (B) Koala Habitat (0ha to be lost)
- # Survey Sites
- Kings Forest Boundary



SOURCE: Biolink Ecological Consultants - Tweed Coast Koala Habitat Study (2011); RPS (Ref: 113691-PSP-4a(SCOPE OF WORKS).jpeg)
 SCALE: 1 : 20 000 @ A3
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 Response to DSEWPC RFI
 Kings Forest Estate
 Melaleuca Drive, Durambah, NSW
 Shire of Tweed

FIGURE 14

PREPARED: BW
 DATE: 07 September 2012
 FILE:N97017_Impact Core Koala.cdr

TITLE
OVERLAY OF KOALA HABITAT & SCOPE OF WORKS