

WAIWHAKANGARI STREAM FOREST REMNANTS

Survey no.	Q07/090
Survey date	1 April 1998
Grid reference	1711884E 6019387N (AX30)
Area	13.8 ha, 3 remnants
Altitude	20-90 m a.s.l.

Ecological unit

- (a) Tōtara forest on alluvium (75%)
- (b) Kōwhai-tōtara forest on alluvium (25%)

Landform/geology

Quaternary alluvial deposits (western part). Motatau Complex calcareous mudstone and sandstone (eastern part).

Vegetation

(a) Tōtara is common along a thin ribbon of forest west of Taipuha Road (western remnant). Kahikatea, tītoki and crack willow are frequent and tī kōuka, rewarewa, mānatu and kānuka/mānuka are occasional.

(b) In the eastern remnant, kōwhai and tōtara are common along Waikiekie Station Road. Tītoki and Chinese privet are frequent while mānatu, kānuka/mānuka, karaka, tī kōuka and crack willow are occasional.

Type (a), tōtara occurs at the end of Waikiekie Station Road where it is dominant over occasional kōwhai, kahikatea, mataī, tītoki, karaka, pine and macrocarpa.

Significant flora

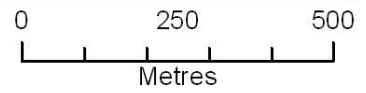
Mānatu (regionally significant species) recorded during this survey.

Fauna

None noted.

Significance

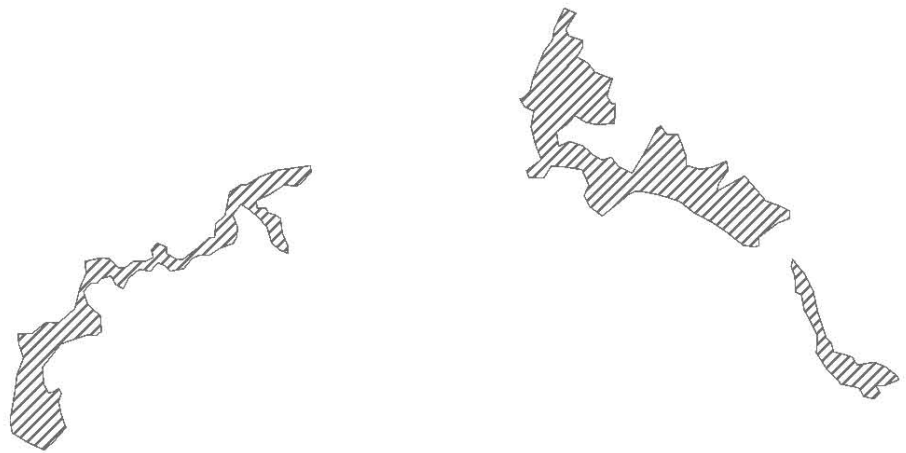
Forest on alluvium is an under-represented habitat type within the Tokatoka Ecological District and in Northland generally; however, the small size of this site over three remnants limits its significance. Approximately 7 ha of the site occurs within a 'Chronically Threatened' land environment (A6.1d and G3.1b), 5.8 ha within an 'At Risk' land environment (A6.1b) and 1 ha within a 'Critically Underprotected' land environment (A6.1a and A6.1c) (Walker et al. 2007).



Q07/090 Waiwhakangari Stream Bush Remnants

Habitat type

-  Forest
-  Shrubland
-  Wetland



MASON ROAD BUSH

Survey no. Q07/096
Survey date 19 June 1999
Grid reference 1705477E 6022776N (AX29)
Area 7 ha
Altitude < 80-140 m a.s.l.

Ecological unit

- (a) Tōtara forest on moderate hillslope (60%)
- (b) Taraire forest on moderate hillslope (40%)

Landform/geology

Mangakahia Complex sandstone and mudstone.

Vegetation

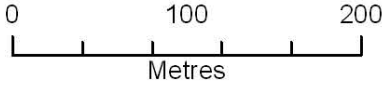
- (a) Predominately abundant tōtara with frequent tōwai and kānuka/mānuka. kahikatea, rimu and mamaku are occasional.
- (b) Taraire forest also occurs with tōtara frequent. Rewarewa, rimu, kahikatea, pukatea, pūriri, nīkau and kānuka/mānuka (edges) are present.

Fauna

Kūkupa (regionally significant species) were recorded on the day of survey.

Significance

Small forest remnant providing stepping stone habitat for the regionally significant kūkupa within a very modified Ecological District. This site occurs within a 'Critically Underprotected' land environment (A6.1c) (Walker et al. 2007).



Q07/096 Mason Road Bush

Habitat type

-  Forest
-  Shrubland
-  Wetland



MITITAI GOLF COURSE REMNANT

Survey no. Q07/099
Survey date 19 June 1998
Grid reference 1707252E 6022566N (AX29)
Area 6.2 ha
Altitude < 60-100 m a.s.l.

Ecological unit

- (a) Tōtara forest on hillslope (60%)
- (b) Taraire forest on hillslope (40%)

Landform/geology

Mangakahia Complex sandstone and mudstone.

Vegetation

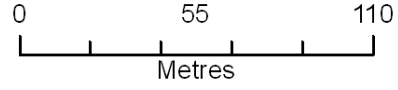
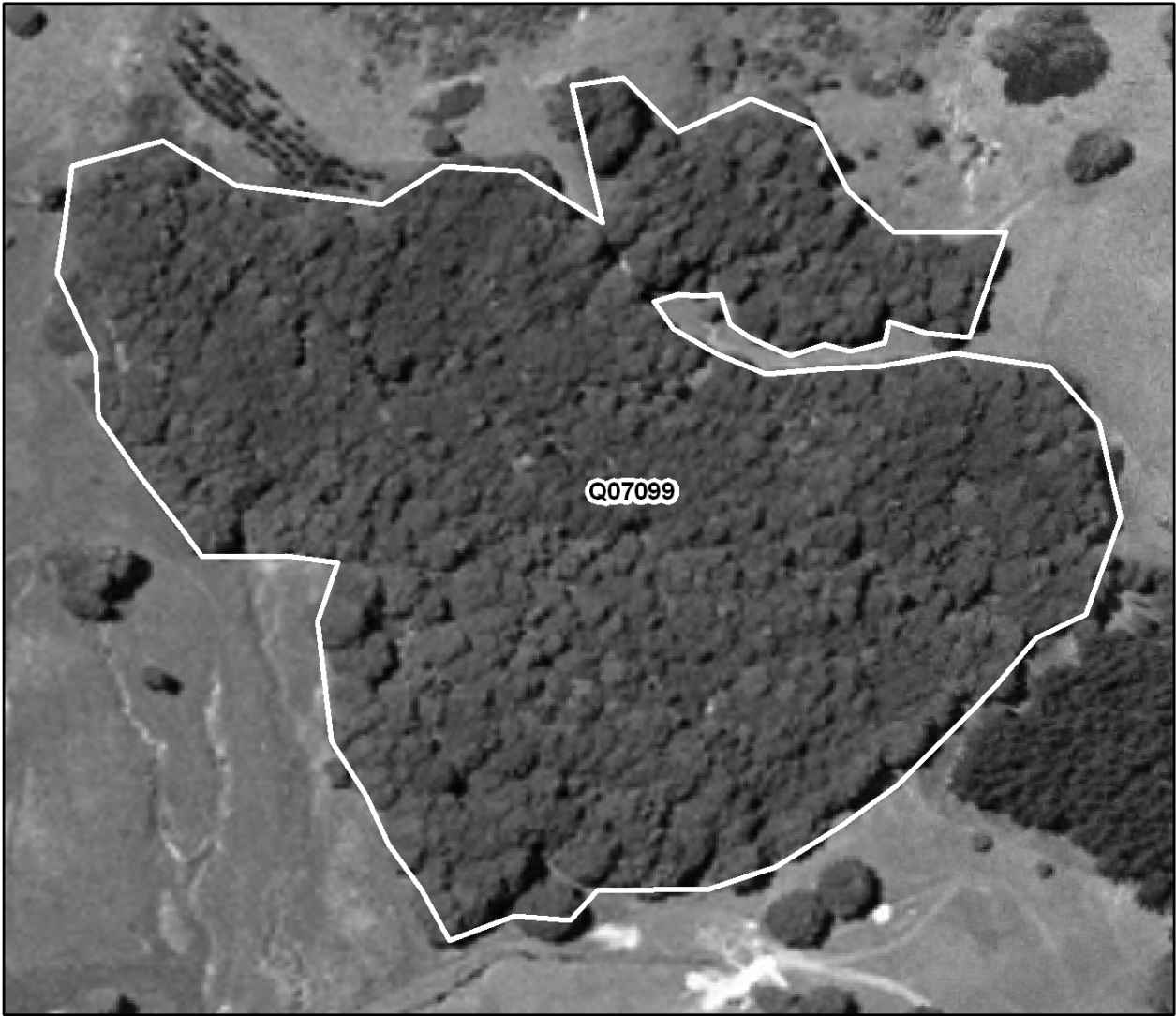
- (a) Dominant tōtara occurs in over half the site with occasional tōwai, pukatea, tītoki, kahikatea, rewarewa and taraire.
 - (b) The remaining area is abundant taraire with frequent tōtara and occasional pukatea, tōwai, rewarewa, nīkau and pūriri.
- An area of pines occurs on the eastern side of the remnant.

Fauna

None noted.

Significance

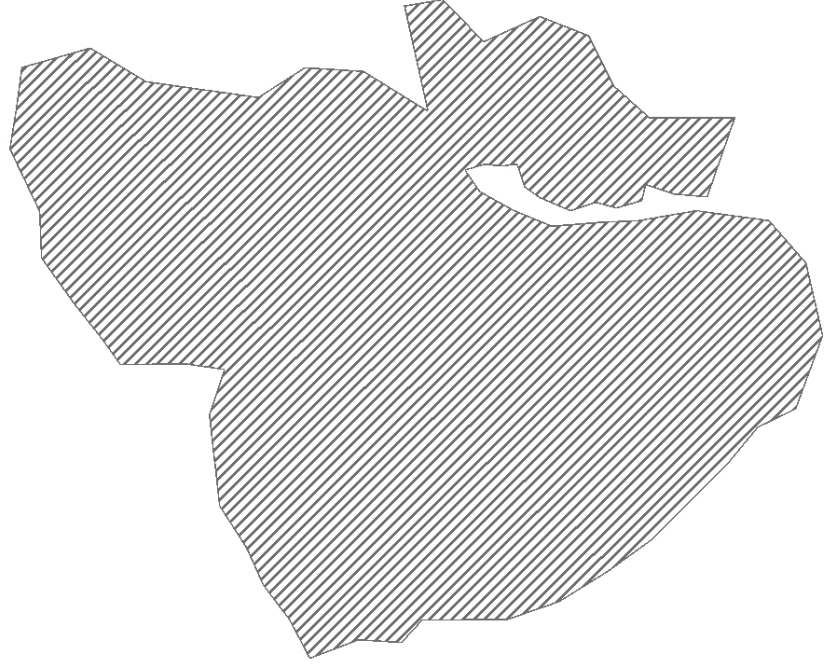
Small forest remnant providing stepping stone habitat within a very modified Ecological District. This site falls within a 'Critically Underprotected' land environment (A6.1c) (Walker et al. 2007).



Q07/099 Mititai Golf Course Remnant

Habitat type

-  Forest
-  Shrubland
-  Wetland



UPPER ARARUA ROAD BUSH REMNANTS

Survey no. Q07/101
Survey date 30 June 1998
Grid reference 1706839E 6019878N (AX29)
Area 11 ha, 2 remnants
Altitude 40-120 m a.s.l.

Ecological unit

- (a) Taraire forest on hillslope and gully (90%)
- (b) Tōtara forest on hillslope (10%)

Landform/geology

Mangakahia Complex sandstone and mudstone.

Vegetation

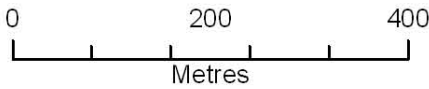
- (a) Taraire forest dominates both of these small remnants:
 - (i) Occurring in the northern remnant with frequent rewarewa and occasional mamaku, nīkau, tōtara, tī kōuka, kahikatea and pukatea.
 - (ii) Occurring in the southern remnant along with frequent rewarewa. Pukatea, mamaku, nīkau, kahikatea and rimu are occasional.
- (b) Tōtara occurs in the remaining area of both remnants.
 - (i) In the northern remnant, along with occasional tānekaha, rimu, rewarewa and kānuka/mānuka.
 - (ii) In the southern remnant, along with occasional taraire, kahikatea, rewarewa, tōwai and one or two macrocarpas.

Fauna

None noted.

Significance

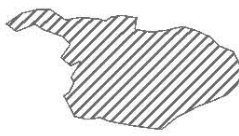
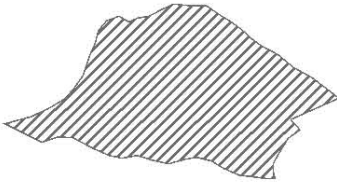
Small forest remnants providing stepping stone habitat within a very modified Ecological District. Taraire can provide a seasonal food source for the regionally significant kūkupa. This site occurs within a 'Critically Underprotected' land environment (A6.1c) (Walker et al. 2007).



Q07/101 Upper Ararua Road Bush Remnants

Habitat type

-  Forest
-  Shrubland
-  Wetland



WAIKIEKIE REMNANTS

Survey no.	Q07/104
Survey date	7 July 1998
Grid reference	1710677E 6022527N (AX30)
Area	12.5 ha, 2 remnants
Altitude	80-150 m a.s.l.

Ecological unit

(a) Taraire forest on hillslope

Landform/geology

Mangakahia Complex sandstone and mudstone.

Vegetation

Two small taraire-dominant remnants.

(a) The small eastern remnant adjacent to Waikiekie Road is taraire dominant (95%) with frequent rewarewa. Rimu, kahikatea, nīkau, pukatea, kohekohe, mānatu, tānekaha, mamaku, tōtara (edges), and kānuka/mānuka (edges), are occasional.

Type (a) dominant taraire also occurs in the remaining western remnant, along with frequent rewarewa. Occasional species include rimu, tānekaha (ridge), kauri (ridge), tōtara (edges) and a small pocket of emergent kahikatea, pukatea and tī kōuka.

Significant flora

Mānatu (regionally significant species) recorded during this survey.

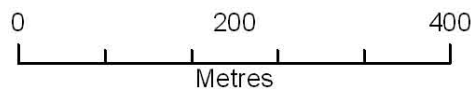
Fauna

Kūkupa (regionally significant species) were recorded on the day of the survey.

Significance

Small remnants providing an important seasonal food source (taraire) for the regionally significant kūkupa and stepping stone habitat within a very modified Ecological District. Also, presence of manatu—a regionally significant plant species.

The smallness of the site over two small remnants limits its significance. This site occurs within a 'Critically Underprotected' land environment (A6.1c) (Walker et al. 2007).



Q07/104 Waikiekie Remnants

Habitat type

-  Forest
-  Shrubland
-  Wetland



MITITAI ROAD REMNANT

Survey no.	Q07/105
Survey date	28 April 1998
Grid reference	1703080E 6019543N (AX29)
Area	4.1 ha
Altitude	40-100 m a.s.l.

Ecological unit

- (a) Tōtara forest on hillslope (60%)
- (b) Taraire forest on hillslope (40%)

Landform/geology

Mangakahia Complex sandstone and mudstone.

Vegetation

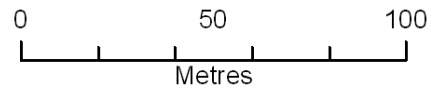
- (a) Tōtara dominates over half of the remnant. Pūriri is frequent and rewarewa, taraire, pukatea, nīkau and tōwai are occasional.
- (b) The remaining area is taraire-dominant with occasional nīkau, pukatea, rewarewa, pūriri, kahikatea and kauri.

Fauna

The owner at the time of this survey had observed kūkupa (regionally significant species) utilising the habitat.


Significance

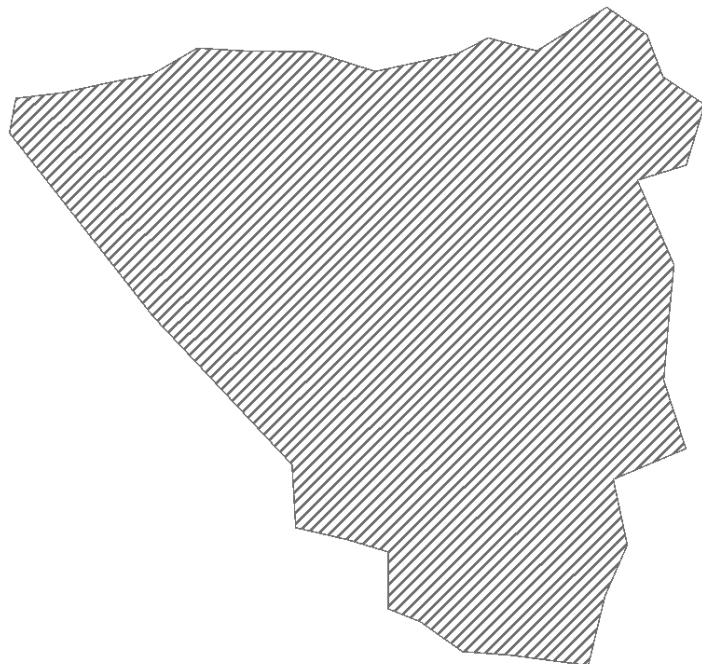
A small forest remnant providing stepping stone habitat within a very modified Ecological District and a potential seasonal food source (taraire) for the regionally significant kūkupa. The smallness of this site limits its significance. Approximately 3.1 ha of the site occurs within an 'At Risk' land environment (A6.1b) and 1 ha within a 'Critically Underprotected' land environment (A6.1c) (Walker et al. 2007).



Q07/105 Mititai Road Remnant

Habitat type

-  Forest
-  Shrubland
-  Wetland



WAIOTIRA KAHIKATEA REMNANT

Survey no. Q07/106
Survey date 25 May 1999
Grid reference 1708087E 6024737N (AX30)
Area 1.4 ha, 2 remnants
Altitude < 60 m a.s.l.

Ecological unit

(a) Kahikatea forest on alluvium

Landform/geology

Floodplain of Holocene alluvium.

Vegetation

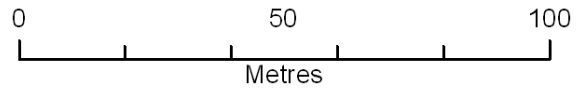
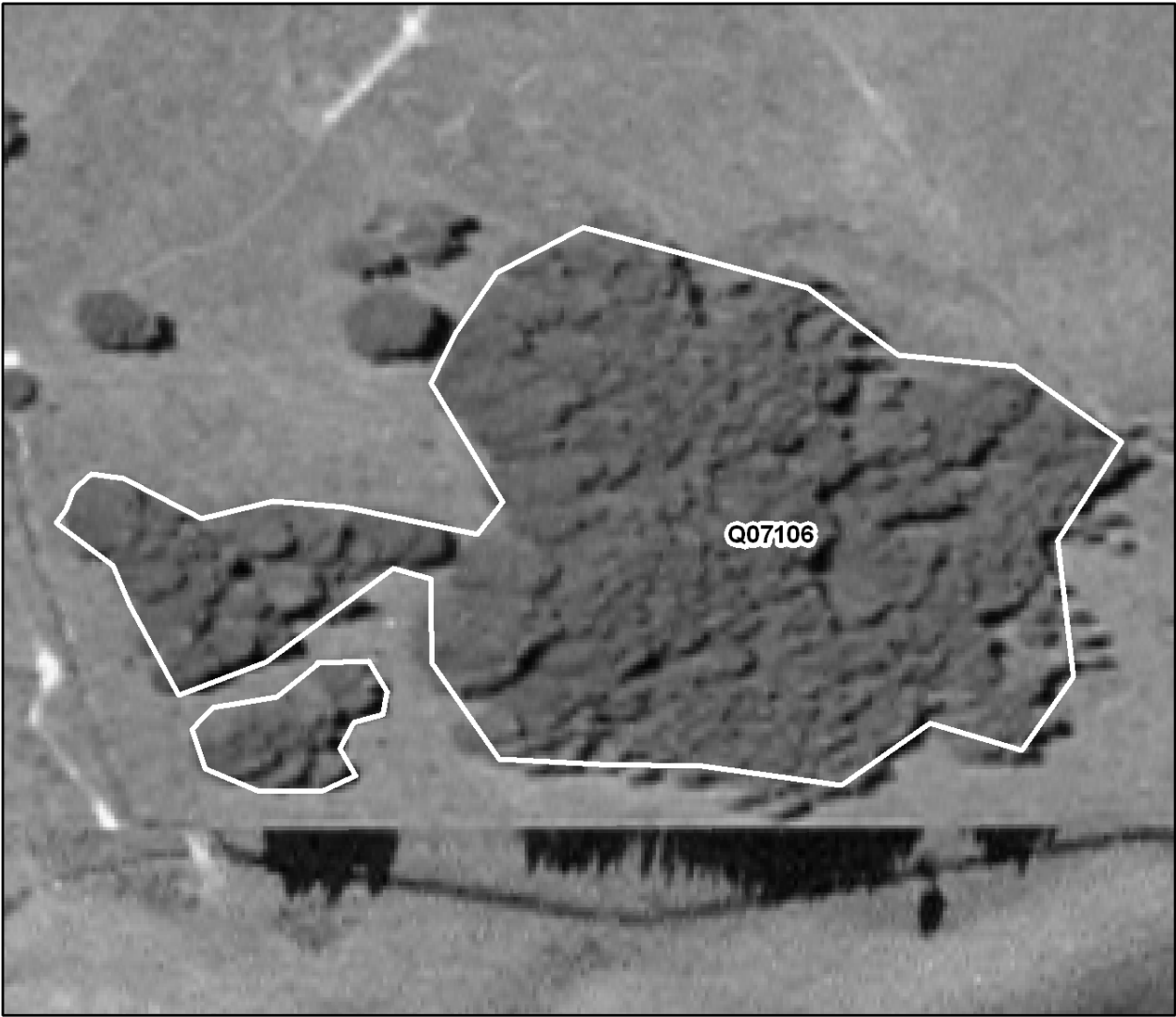
(a) Secondary kahikatea forest.

Fauna

None noted.

Significance

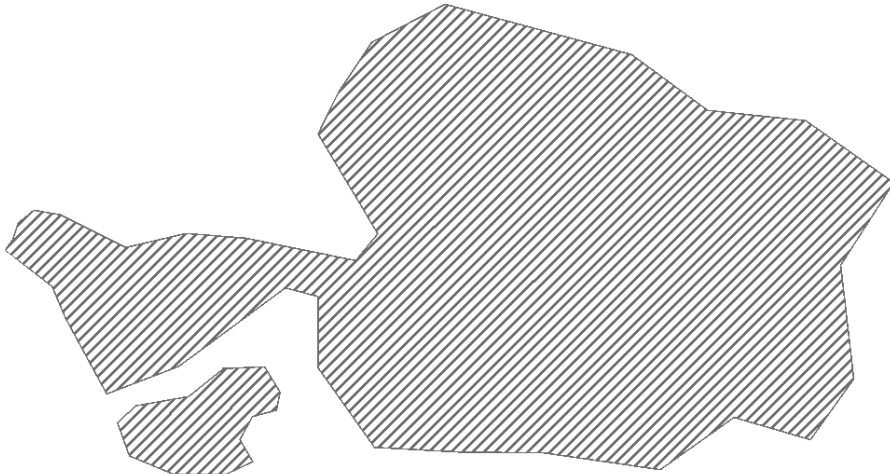
Kahikatea forest on alluvium is an under-represented habitat type within the Tokatoka Ecological District and in Northland generally; however, the very small size of this site limits its significance. Approximately 1.2 ha of the site occurs within a 'Chronically Threatened' land environment (G3.1b) and 0.2 ha within a 'Critically Underprotected' land environment (A6.1a) (Walker et al. 2007).



Q07/106 Waiotira Kahikatea Remnant

Habitat type

-  Forest
-  Shrubland
-  Wetland



MITITAI REMNANT

Survey no. Q07/107
Survey date 19 June 1998
Grid reference 1705727E 6021524N (AX29)
Area 9.5 ha
Altitude <80-120 m a.s.l.

Ecological unit

- (a) Rewarewa-taraire-tōtara forest on hillslope
- (b) Taraire forest on hillslope

Landform/geology

Mangakahia Complex sandstone and mudstone.

Vegetation

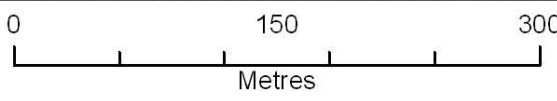
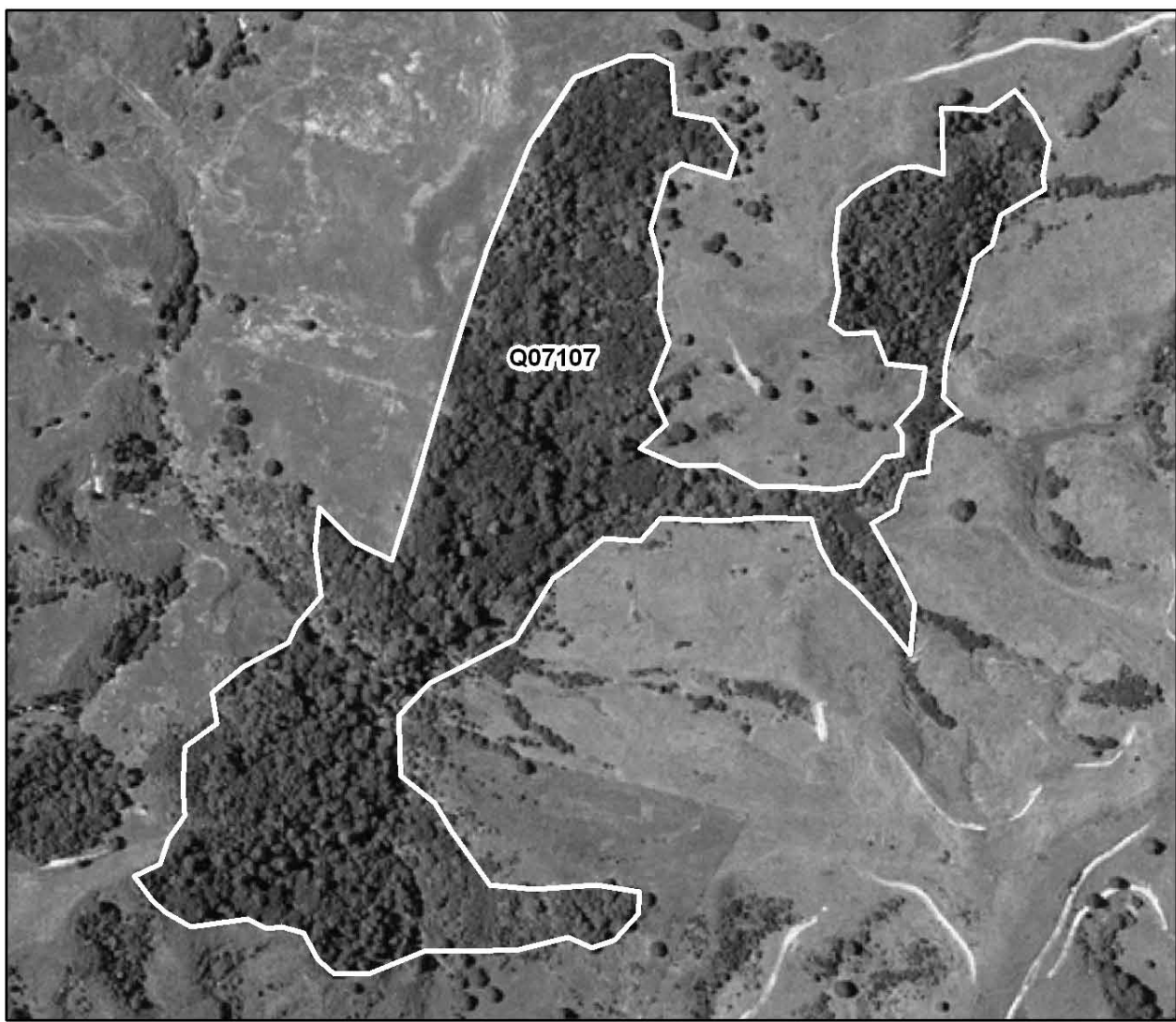
- (a) An association of rewarewa, taraire and tōtara occurs in a small area, along with occasional tōwai, kahikatea, emergent rimu, mamaku and kānuka/mānuka (edges).
- (b) In the south, abundant taraire occurs with emergent rewarewa, and some kahikatea and kānuka/mānuka.

Fauna

None noted.

Significance

A small forest remnant providing stepping stone habitat within a very modified Ecological District. Although type (a) has not been recorded elsewhere in the Tokatoka Ecological District, the smallness of its area limits its significance. This site occurs within a 'Critically Underprotected' land environment (A6.1c) (Walker et al. 2007).



Q07/107 Mititai Remnant

Habitat type

-  Forest
-  Shrubland
-  Wetland



MITITAI ROAD FOREST REMNANTS

Survey no. Q07/175
Survey date 24 May 1999
Grid reference 1700051E 6018869N (AX29)
Area 4.7 ha, 2 remnants
Altitude < 20-60 m a.s.l.

Ecological unit

(a) Kahikatea forest on alluvium

Landform/geology

Quaternary alluvial and swamp deposits within Manganui River valley.

Vegetation

Only the northern remnant was surveyed.

(a) The northern remnant alongside Mititai Road is kahikatea dominant with mataī occurring frequently. Rimu, tītoki, tōtara, tī kōuka and kānuka/mānuka are also present. It is unknown what the forest type is in the small adjacent remnant.

Fauna

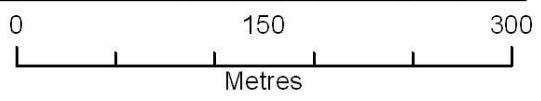
None noted.

Significance

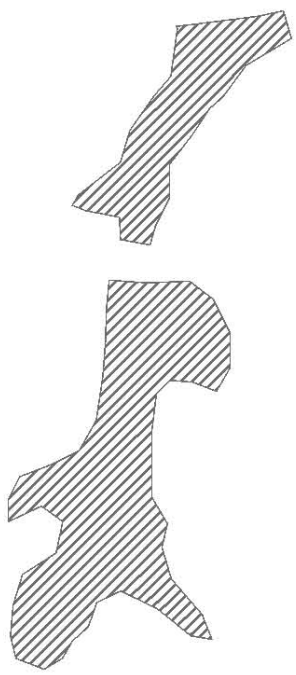
Two small forest remnants on alluvium, which is an uncommon habitat type in the Tokatoka Ecological District and Northland generally. However, the size of these remnants limits their significance. Approximately 3.5 ha of this site occurs within a 'Chronically Threatened' land environment (G3.1b), 1 ha within an 'At Risk' land environment (A6.1b) and 0.1 ha within an 'At Risk' land environment (A6.1b) (Walker et al. 2007).



Q07/175 Mititai Road Forest Remnants



- Habitat type**
-  Forest
 -  Shrubland
 -  Wetland



MASON ROAD REMNANTS

Survey no.	Q07/178
Survey date	17 December 2009
Grid reference	1706196E 6022095N (AX29)
Area	10.7 ha, 3 remnants
Altitude	80-100 m a.s.l.

Ecological unit

- (a) Pūriri-taraire forest on hillslope
- (b) Tōtara forest on hillslope
- (c) Kānuka/mānuka-tōtara forest on hillslope

Landform/geology

Mangakahia Complex sandstone and mudstone.

Vegetation

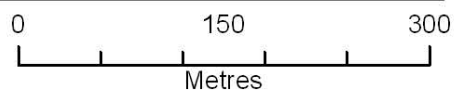
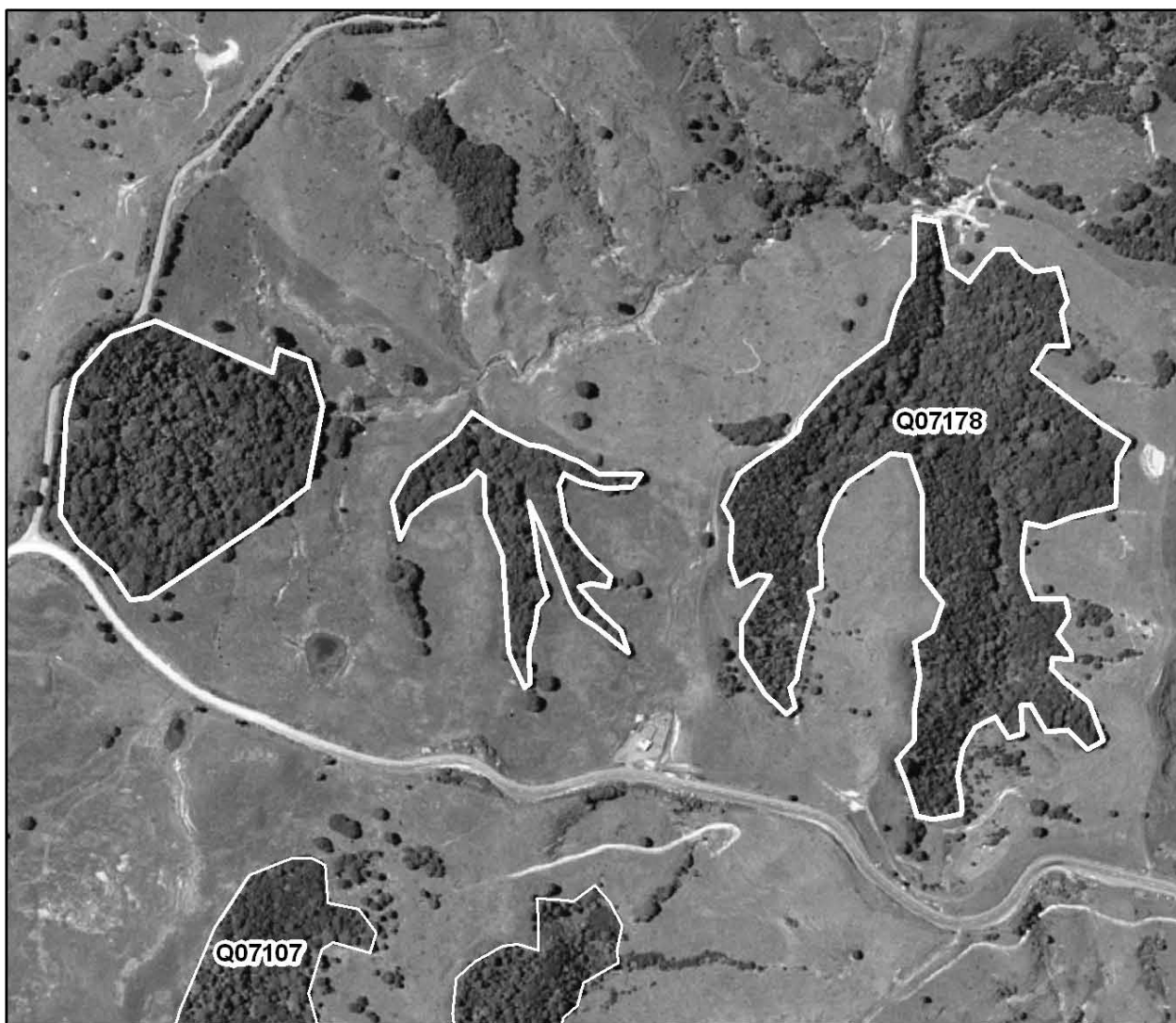
- (a) The small remnant on the corner of Mititai and Mason Roads is common pūriri and taraire. Tōtara and kahikatea are frequent and rimu, rewarewa and nīkau occasional. There is a certain amount of clearing from the road into the remnant and a new fence has been erected; however, it is not known whether the whole remnant is fenced.
- (b) The very small middle remnant is tōtara with occasional kahikatea.
- (c) The remaining remnant is common kānuka/mānuka and tōtara. Emergent kahikatea and rewarewa with nīkau and mamaku are occasional.

Fauna

None noted.

Significance

A collection of small forest remnants providing stepping stone habitat (pūriri and taraire provide seasonal food source for the regionally significant kūkupa) within a very modified Ecological District. This site occurs within a 'Critically Underprotected' land environment (A6.1c) (Walker et al. 2007).



Q07/178 Mason Road Remnants

Habitat type

-  Forest
-  Shrubland
-  Wetland

