



Lake Atiamuri South Faces

Site Number:	583
Ecological District:	Atiamuri
Source of Information:	Field work 2015
Digital Scale:	1:5,000
Data Source:	WRAPS 2012
Regional Council:	Waikato
1998 Site Number:	Not identified as a site in Shaw and Beadel (1998)
Current Tenure:	Unprotected
Site Area:	24.15 ha
Altitude Range:	260-300 m
Bioclimatic Zone:	Lowland
Grid Reference:	NZTM E1868650, N5744565

VEGETATION		LANDFORM	EXTENT
CODE	TYPE		
1	Kānuka-kōwhai forest Kānuka and kowhai (<i>Sophora tetraptera</i>) form the canopy with kōwhai locally dominant. Other species present throughout include tī kōuka, tānekaha, māhoe, harakeke, prunus, cotoneaster, kōhūhū and occasional tōtara (<i>Podocarpus totara</i>). Harakeke, kiokio, karamū, <i>Carex virgata</i> , <i>Cyperus ustulatus</i> and koromiko are present on the lake margin. Cliff faces are dominated by kiokio with occasional <i>Lobelia anceps</i> , mingimingi and small kānuka. Blackberry occurs in local patches and radiata pine wildings are scattered throughout.	Hillslope	Not mapped separately
2	Kānuka-kōwhai-makomako-tī kōuka forest	Hillslope	Not mapped separately

Indigenous Flora: No threatened or at risk plant species as listed in de Lange *et al.* 2013 have been recorded from this site.

Fauna: Little black shag, black shag, (both Threatened-Naturally Uncommon), grey duck (Threatened-Nationally Critical), and pied stilt (At Risk-Declining) have been recorded from Lake Atiamuri and may use the riparian margins of this site. The lake also supports a large range of bird species that are not threatened or at risk.

Notes on Overall Condition: This site follows faces of the eastern arm of Lake Atiamuri, finishing at the base of the Ohakuri Hydro Dam. It comprises secondary forest with local patches of kōwhai and is in good condition.

Change Relative to Shaw and Beadel (1998): Unknown

Threats/Modification/Vulnerability: Some wilding pines are present within this site and blackberry is locally common. This site is threatened by grazing and clearance in the accessible and lower-lying areas.

Risk Assessment: Clearance: Risk to site - low; Timeframe - low.
Grazing: Risk to site - low; Timeframe - low.
Weeds: Risk to site - low; Timeframe - low.

Significance Level: Local (Appendix 7 - Table 1 - Criteria 6, 9, 11; Table 2 - Factor S).

Significance Justification: This Locally significant site includes representative riparian forest and the riparian margins of Lake Atiamuri (SNA 851), providing a buffer for the lake from adjacent land use.

Field Work Required: No field work required.

Notes: None

References: Rotorua Botanical Society (2012)