



## Te Weta Bay Geothermal Area<sup>1</sup>

<b>Site Number:</b>	SNA No. 176
<b>Ecological District:</b>	Rotorua Lakes
<b>Source of Information:</b>	Wildland Consultants (2005c)
<b>Digital Scale:</b>	1:2,000
<b>Data Source:</b>	RDAM 2006
<b>Regional Council:</b>	Bay of Plenty
<b>1998 Site Number:</b>	Not identified as a site in Shaw and Beadel (1998)
<b>Current Tenure:</b>	Unprotected
<b>Site Area:</b>	<0.1 ha
<b>Altitude Range:</b>	300-310 m
<b>Bioclimatic Zone:</b>	Lowland
<b>Grid Reference:</b>	NZTM E1894751, N5785829

VEGETATION		LANDFORM	EXTENT
CODE	TYPE		
1	Non-vegetated raw-soilfield Steep ignimbrite face, largely bare, distinct sulphurous smell, surrounded by planted eucalyptus/gorse- <i>Histiopteris incisa</i> . Some areas of hydrothermally altered soils. Other species present include <i>Paesia scaberula</i> , kiokio, wheki, <i>Hypolepis ambigua</i> and local mosses. No surface geothermal activity evident. Area covers c. 20 × 50 m.	Steep face	<0.1 ha

**Indigenous Flora:** No threatened or at risk species as listed in de Lange *et al.* (2009) have been recorded from this site.

**Fauna:** No threatened or at risk species as listed in Miskelly *et al.* (2008) have been recorded from this site.

**Notes on Overall Condition:** The site is in a poor condition.

**Change Relative to Shaw and Beadel (1998):** The major change to this site since the 1996 survey is the replacement of pasture with eucalyptus plantation forest. Change in extent is minor (based on assessment in Wildland Consultants 2005c).

**Threats/Modification/Vulnerability:** *Invasive Exotic Plants:* Site is surrounded by planted eucalyptus forest

*Human Impacts:* Site is part of a plantation forest

*Grazing:* Site is periodically grazed by sheep.

**Risk Assessment:** None

**Significance Level:** Local (Appendix 4 -Table 1 - Criterion 4; Table 2 - Factor L1).

**Significance Justification:** This site is of local significance because it contains geothermal habitat - a nationally uncommon habitat type.

**Fieldwork Required:** No fieldwork is required.

<sup>1</sup> This site was recorded as Te Weta Bay in Wildland Consultants (2005c).

**Notes:** None

**References:** Beadel *et al.* (1996b); Wildland Consultants (2005c).