



## ANALYSIS REPORT

<b>Client:</b>	Clare Swinney	<b>Lab No:</b>	788376	SPV1
<b>Contact:</b>	Clare Swinney 27 Kirikiri Rd WHANGAREI 0110	<b>Date Registered:</b>	30-Apr-2010	
		<b>Date Reported:</b>	06-May-2010	
		<b>Quote No:</b>	40407	
		<b>Order No:</b>		
		<b>Client Reference:</b>	Rainwater	
		<b>Submitted By:</b>	Clare Swinney	

### Sample Type: Aqueous

<b>Sample Name:</b>	Unlabelled Water Sample				
<b>Lab Number:</b>	788376.1				
Total Aluminium	g/m <sup>3</sup>	0.058	-	-	-
Total Arsenic	g/m <sup>3</sup>	< 0.0011	-	-	-
Total Barium	g/m <sup>3</sup>	0.0025	-	-	-
Total Boron	g/m <sup>3</sup>	0.0166	-	-	-

### Analyst's Comments

Australia Post Security tape applied and intact to lid of the container.

## SUMMARY OF METHODS

The following table(s) gives a brief description of the methods used to conduct the analyses for this job. The detection limits given below are those attainable in a relatively clean matrix. Detection limits may be higher for individual samples should insufficient sample be available, or if the matrix requires that dilutions be performed during analysis.

### Sample Type: Aqueous

Test	Method Description	Default Detection Limit	Samples
Total Digestion	Boiling nitric acid digestion. APHA 3030 E 21 <sup>st</sup> ed. 2005.	-	1
Total Aluminium	Nitric acid digestion, ICP-MS, trace level. APHA 3125 B 21 <sup>st</sup> ed. 2005 / US EPA 200.8.	0.0032 g/m <sup>3</sup>	1
Total Arsenic	Nitric acid digestion, ICP-MS, trace level. APHA 3125 B 21 <sup>st</sup> ed. 2005 / US EPA 200.8.	0.0011 g/m <sup>3</sup>	1
Total Barium	Nitric acid digestion, ICP-MS, trace level. APHA 3125 B 21 <sup>st</sup> ed. 2005 / US EPA 200.8.	0.00021 g/m <sup>3</sup>	1
Total Boron	Nitric acid digestion, ICP-MS, trace level. APHA 3125 B 21 <sup>st</sup> ed. 2005.	0.0053 g/m <sup>3</sup>	1

These samples were collected by yourselves (or your agent) and analysed as received at the laboratory.

Samples are held at the laboratory after reporting for a length of time depending on the preservation used and the stability of the analytes being tested. Once the storage period is completed the samples are discarded unless otherwise advised by the client.

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Carole Rodgers-Carroll BA, NZCS  
 Client Services Manager - Environmental Division



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