



Manupirua Hot Springs
Lake Rotoiti
PO Box 7326
Te Ngae
Rotorua

Lake Rotoiti	Lab. Reference No.	2019006178
	Collection Date	17/10/2019
	Site ID	MANUPIRUA SPRING
Collection Temperature	°C	46
Bicarbonate (Total)	mg/l	311
pH		5.03
HCO ₃ Analysis temperature	°C	21
HCO ₃ Analysis Date		18/10/2019
Lithium	mg/l	1.1
Sodium	mg/l	130
Potassium	mg/l	27
Calcium	mg/l	20
Magnesium	mg/l	2.2
Chloride	mg/l	140
Sulphate	mg/l	155
Boron	mg/l	6.8
Silica (as SiO ₂)	mg/l	186
Sulphide (total as H ₂ S)	mg/l	7.6
H ₂ S Date Developed		18/10/2019
H ₂ S Date Analysed		18/10/2019
Aluminium	mg/l	<0.04
Arsenic	mg/l	0.02
Bromide	mg/l	0.65
Fluoride	mg/l	0.29
Iron	mg/l	0.05
Nitrate as N	mg/l	<0.01
Diss. Reactive Phosphorus	mg/l	0.07
Ammonia	mg/l	4.6
Deuterium	per mil	-30.9
Oxygen 18	per mil	-5.01