

Mineral content of geothermal water

The water contains a range of natural occurring minerals including sulphur, calcium, magnesium, potassium and many others. The gentle aroma comes from the sulphur content.

ANALYTICAL REPORT :: PENINSULA HOT SPRING - VICTORIA AUSTRALIA

Lab. Ref. no. 2301511					
Clients Field ID : Peninsula Hot Spring					
Bicarbonate (total)	mg/L	1163			
pH		6.82			
Analysis temperature	°C	19			
HCO ₃ /Date Analysed		14/08/2003			
Aluminium	mg/L	<0.02	Manganese	mg/L	0.08
Ammonia (as NH ₃)	mg/L	2.7	Mercury *	mg/L	<0.0005
Antimony *	mg/L	<0.001	Molybdenum *	mg/L	<0.001
Arsenic *	mg/L	<0.005	Nickel *	mg/L	<0.003
Boron	mg/L	1.3	Nitrate (as N)	mg/L	0.03
Bromide	mg/L	3.6	Lead *	mg/L	<0.0005
Calcium	mg/L	116	Phosphate (as P)	mg/L	<0.05
Cadmium *	mg/L	<0.0003	Potassium	mg/L	64
Cesium	mg/L	<0.02	Rubidium	mg/L	0.14
Chloride	mg/L	1432	Silica (as SiO ₂)	mg/L	23
Cobalt *	mg/L	<0.001	Sodium	mg/L	868
Copper *	mg/L	<0.003	Strontium	mg/L	1.7
Chromium *	mg/L	<0.003	Sulphate	mg/L	2.7
Fluoride	mg/L	0.73	Sulphide (as H ₂ S)	mg/L	0.86
Iron	mg/L	<0.1	Tin *	mg/L	<0.003
Lithium	mg/L	0.15	Vanadium *	mg/L	<0.005
Magnesium	mg/L	90	Zinc *	mg/L	0.038
Conductivity	µS/cm	5440	Ion Balance		-2.5