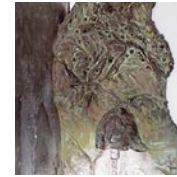


Manitou Springs List of Mineral Content



Mineral		7 Minute	Shoshone	Wheeler	Navajo	Cheyenne	Stratton	Twin	Iron	Ute Chief
Alkalinity (bicarbonate)	HCO ₃	968 ppm	2180 ppm	2020 ppm	2010 ppm	2030 ppm	1670 ppm	1290 ppm	1350 ppm	951 ppm
Calcium	Ca	273 ppm	461 ppm	455 ppm	446 ppm	450 ppm	355 ppm	321 ppm	164 ppm	260 ppm
Chloride	Cl	215 ppm	244 ppm	221 ppm	223 ppm	224 ppm	178 ppm	87.2 ppm	193 ppm	97.1 ppm
Copper	Cu	0.02 ppm	0.12 ppm	0.17 ppm	0.07 ppm	0.08 ppm	0.05 ppm	-	-	0.02 ppm
Fluoride	F	0.90 ppm	4.05 ppm	3.41 ppm	3.49 ppm	3.49 ppm	2.93 ppm	2.08 ppm	4.29 ppm	3.04 ppm
Iron	Fe	-	-	0.02 ppm	-	1.53 ppm	0.50 ppm	-	13.30 ppm	-
Lithium	Li	0.41 ppm	0.97 ppm	0.81 ppm	0.82 ppm	0.86 ppm	0.63 ppm	0.24 ppm	0.92 ppm	0.23 ppm
Magnesium	Mg	61.1 ppm	69.8 ppm	70.5 ppm	70.4 ppm	69.7 ppm	66.9 ppm	95.1 ppm	23.4 ppm	43.5 ppm
Manganese	Mn	0.413 ppm	2.95 ppm	1.56 ppm	0.936 ppm	1.26 ppm	0.407 ppm	<0.010 ppm	0.785 ppm	0.010 ppm
Potassium	K	18.2 ppm	75.8 ppm	65.4 ppm	63 ppm	67.9 ppm	52.2 ppm	20.8 ppm	76.6 ppm	18.2 ppm
Silica	SiO ₂	14.9 ppm	47.3 ppm	42.2 ppm	42.5 ppm	42.8 ppm	33.6 ppm	17.4 ppm	79.9 ppm	22.8 ppm
Sodium	Na	229 ppm	476 ppm	460 ppm	438 ppm	452 ppm	331 ppm	151 ppm	513 ppm	125 ppm
Sulfate	SO ₄	154 ppm	192 ppm	173 ppm	176 ppm	178 ppm	144 ppm	68.2 ppm	194 ppm	65.6 ppm
Zinc	Zn	0.043 ppm	0.105 ppm	0.097 ppm	0.094 ppm	0.102 ppm	0.072 ppm	0.086 ppm	0.051 ppm	<0.030 ppm
Total Dis So TDS		1520 ppm	2950 ppm	2780 ppm	2650 ppm	2760 ppm	2220 ppm	1510 ppm	2110 ppm	1200 ppm

ppm = milligrams per liter

Indicates highest amount of content

Indicates lowest amount of content

Analysis performed complementary by Colorado Springs Utilities Laboratory Services Section 10/2007.
Cu, Fe, Li Analysis performed by ACZ Laboratories, Inc. Steamboat Springs, CO 1/2008.