64-139

Appendix B.--Selected chemical analyses of waters from springs and tunnels, in parts per million and equivalents per million (in parentheses), by the U.S. Geological Survey--Continued

Aquifer: A, alluvium; L, lake bed; Pz ca, Paleozoic carbonate rock; Tv, volcanic rock

Spring or tunnel number	Other number or name	Drainage basin	Analysis number	Aquifer	Date of collection	Temperature (° F)	Silica (SiO_2)	Aluminum (Al)	Iron (Fe)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Strontium (Sr)	Sodium (Na)	Potassium (K)	Lithium (Li)	Bicarbonate (HCO_3)	Carbonate (CO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Phosphate (PO_4)	Dissolved solids: Residue on evaporation	Dissolved solids: Calculated	Hardness (as $CaCO_3$): Total	Hardness (as $CaCO_3$): Noncarbonate	Specific conductance in micromhos at 25°C	pH
88-63	Tunnel U12e	Yucca	3354	Tv	7-18-59	60	52	0.0	.06	0.00	16 (.80)	1.0 (.08)	<0.2 (.00)	37 (1.61)	7.8 (.20)	------	122 (2.00)	0 (.00)	15 (.31)	12 (.34)	0.1 (.00)	1.8 (.03)	0.14	197	203	44	0	268	7.9
Do---	---do----------	---do--------	3537	Tv	11- 4-59	----	22	----	----	----	7.2 (.36)	.5 (.04)	.06 (.00)	75 (3.26)	6.0 (.15)	------	158 (2.59)	8 (.27)	25 (.52)	12 (.34)	.2 (.01)	2.4 (.04)	.28	704	236	20	0	351	8.6
Do---	---do----------	---do--------	3559	Tv	12 -3-59	----	58	----	----	----	1.6 (.08)	.0 (.00)	.02 (.00)	40 (1.74)	2.8 (.07)	------	84 (1.38)	0 (.00)	11 (.23)	8.0 (.23)	.3 (.02)	2.1 (.03)	.29	204	165	4	0	198	7.5
Do---	---do----------	---do--------	3561	Tv	12-14-59	----	40	----	----	----	1.6 (.08)	.0 (.00)	.02 (.00)	31 (1.35)	4.0 (.10)	------	70 (1.15)	0 (.00)	8.7 (.18)	2.0 (.06)	.4 (.02)	5.8 (.09)	.59	384	128	4	0	147	7.1
Do---	---do----------	---do--------	3576	Tv	1- 7-60	----	36	.0	.10	.00	1.6 (.08)	.0 (.00)	.01 (.00)	29 (1.26)	.2 (.00)	------	54 (.88)	0 (.00)	8.7 (.18)	6.0 (.17)	.1 (.00)	6.4 (.10)	.22	120	115	4	0	139	6.9
Do---	---do----------	---do--------	3641	Tv	3-18-60	----	54	.1	.03	.11	19 (.95)	2.9 (.24)	.00 (.00)	26 (1.13)	6.0 (.15)	------	122 (2.00)	0 (.00)	14 (.29)	4.0 (.11)	.1 (.00)	4.3 (.07)	.00	185	190	59	0	248	7.4