Table 7.--Chemical analyses of water from selected wells and springs that were sampled 1971-73.

[Analytical results in milligrams per liter (mg/L) or micrograms per liter (µg/L), except as indicated. Analyses by U.S. Geological Survey.]

Geologic source (listed alphabetically): Єg, Galltin Limestone; Db, Darby Formation; Ka, Aspen Shale; Kb, Bear River Formation; Kg, Gannett Group, Mm, Madison Limestone; Pt, Tensleep Sandstone; Qal, alluvium and glacial-outwash deposits; Ql, Lacustrine deposits; Qls, landslide deposits; Tcd, Camp Davis Formation

Site number in figure 4	Well or spring location	Date of Collection	Depth of well (ft)	Discharge (ft^3/s)	Geologic source	Specific conductance (µmho/cm) at 25°C)	pH (units)	Temperature (°C)	Hardness (Ca, Mg) (mg/L)	Calcium, dissolved (Ca) (mg/L)	Magnesium, dissolved (Mg) (mg/L)	Sodium, dissolved (Na) (mg/L)	Potassium, dissolved (K) (mg/L)	Bicarbonate (HCO_3) (mg/L)	Carbonate (CO_3) (mg/L)	Sulfate, dissolved (SO_4) (mg/L)	Chloride, dissolved (Cl) (mg/L)	Fluoride, dissolved (F) (mg/L)	Silica, dissolved (SiO_2) (mg/L)	Solids, dissolved (sum of constituents) (mg/L)	Nitrate, dissolved (NO_3) (mg/L)	Boron, dissolved (B) (µg/L)	Iron, total (Fe) (µg/L)	Iron, dissolved (Fe) (µg/L)
1	38-115-3bcb	8-5-71	Spring	--	Dd	1,580	7.5	7.0	1,100	310	68	2.8	1.3	222	0	830	1.5	0.8	6.2	1,330	[1] 0.88	30	30	--
2	38-115-5baa	8-5-71	Spring	--	Kg	417	7.7	11.0	230	70	14	5.8	1.6	263	0	16	3.4	.0	10	256	[1] 1.2	60	10	--
3	39-113-6dac	7-27-73	Spring	0.002	Єg	1,050	8.0	39.0	100	32	5.8	160	8.6	182	0	120	130	5.3	48	597	.2	530	--	10
4	39-113-7aaa	7-27-73	Spring	15	Qls	165	8.2	6.0	74	23	4.0	4.3	.5	82	0	12	4.9	.2	3.6	93	.5	50	--	0
5	39-113-20cdb	10-1-73	Spring	.002	Qal	520	7.8	6.0	270	77	20	3.2	1.2	334	0	4.1	.9	.1	6.9	278	.2	30	--	10
6	39-115-31aab	8-5-71	70	--	Qal	476	7.6	12.5	270	83	15	4.2	.9	246	0	75	1.3	.0	6.6	311	.98	10	60	--
7	39-116-2 dcc	9-9-71	Spring	--	Tcd	412	8.0	9.0	200	53	16	9.0	3.3	241	0	4.9	3.8	.3	32	250	8.8	30	30	--
8	39-116-3 cab	8-5-71	93	--	Qal	413	7.6	8.5	220	65	13	10	2.2	269	0	12	2.1	.2	17	267	[1] 2.9	30	40	--
9	39-116-14dbc	9-9-71	111	--	Ka	460	8.3	12.0	25	6.0	2.4	96	.9	192	0	63	3.1	.2	8.3	275	.3	20	20	--
10	39-116-23c	8-4-71	80	--	Kb	687	7.6	13.5	350	100	25	8.1	1.8	392	0	24	12	.0	17	416	[1] 8.0	120	10	--
11	40-116-8cdb	10-31-73	Spring	--	Mm	850	7.8	11.0	480	120	44	3.2	1.6	209	0	300	2.4	1.3	9.8	588	.3	--	--	--
12	40-116-17ddb	9-27-73	86	--	Qal	215	8.2	7.5	110	39	2.5	1.1	1.4	135	0	.0	1.8	.1	17	130	.2	10	--	0
13	40-116-20acd	7-24-73	281	--	Ql	775	7.7	9.0	420	110	34	4.8	2.3	283	0	190	2.8	.8	15	498	1.3	20	--	10
14	41-115-1 bba	9-5-73	Spring	.05	Pt	510	8.1	6.0	280	70	25	5.4	1.9	338	0	6.6	3.5	.2	23	303	1.1	10	--	40
15	41-115-3 baa	9-5-73	Spring	3.0	Mm	235	8.2	6.0	120	36	6.4	1.1	.5	135	0	3.3	.7	.1	7.2	122	.2	0	--	20
16	41-115-16cda	9-5-73	Spring	.30	Qal	185	8.3	8.0	93	26	6.7	2.1	.7	110	0	1.6	3.9	.1	9.9	105	.3	30	--	30
17	41-115-18bdd	7-3-73	40	--	Qal	365	7.9	12.0	190	59	11	2.1	.9	236	0	4.9	2.1	.1	10	206	.3	30	--	0
18	41-115-18ccc	7-3-73	30	--	Qal	450	8.0	7.5	220	65	14	2.7	1.6	181	0	79	1.8	.2	12	266	.6	10	--	30
19	41-115-20bcc	7-3-73	112	--	Mm	555	7.9	9.0	300	74	27	2.7	1.6	182	0	150	1.4	.4	11	355	.6	30	--	10
20	41-116-23cdd	7-3-73	Spring	3.0	Mm	480	7.9	9.0	240	62	21	4.3	1.6	179	0	98	1.8	.4	12	290	.7	20	--	10
21	41-116-27ddc	10-30-73	200	--	Qal	415	7.9	11.0	220	54	21	3.2	1.2	206	0	55	.0	.3	9.1	247	2.4	--	--	--
22	41-116-33cba	10-24-73	56	--	Qal	490	8.0	11.5	260	73	20	4.3	1.6	284	0	30	2.4	.1	11	283	1.4	--	--	--

[1] Nitrate plus nitrate (NO_2+NO_3) as (N)