Table 8.--Selected comprehensive chemical analyses

Analyst: BCL, Bennett's Chemical Laboratory, Inc.; Testing Laboratories, Inc.; NL, Northwest Labora- U.S. Navy.

Well	Depth (feet)	Date of collection	Analyzed by	Temperature (°F)	Silica (SiO_2)	Iron (Fe)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)
						Parts per million			
23/4-4A1	686	4-19-54	USGS	56	25	0.14	---	16	19
24/4-6A1	180	1922	?	----	82	2.0	---	35	19
-12M1	62	1-24-51	NL	----	27	.05	---	12	12
-19H1	631	3-31-49	LTL	----	55	10	---	84	20
-25R1	154	4-11-58	USGS	62	23	.41	0.00	10	10
24/5-4D1	600	11-2-50	NL	52	65	.3	---	25	19
-7P1	77	1-24-52	BCL	----	28	1.0	---	----	----
-9C1	148	5-17-50	NL	----	38	<.1	<.1	15	11
-16M1	277	7-6-48	NL	----	48	<.1	---	3.4	1.4
-23C2	---	8- -55	NL	----	65	.26	.02	16	6.6
-23E1	385	4-11-58	USGS	----	48	.06	.70	32	6.3
24/6-4N1	300	4-3-58	USGS	48.5	34	1.0	.00	10	4.6
-27Q1	40	8-20-51	USGS	50	17	.07	.00	22	3.5
-28J1	54	8-20-51	USGS	----	22	.01	.00	10	3.3
24/7-10C1	52	8-24-51	USGS	----	19	15	.00	12	4.3
-11L1	---	8-20-51	USGS	----	47	1.6	.00	20	6.8
25/3-14J1	545	9-25-53	GNRy	----	42	-----	---	19	5.3
-23Q1	1,050	3-12-52	USN	----	41	.40	.0	12	4.4
25/4-31E1	785	4-3-47	LTL	----	41	-----	---	73	59
-31R1	145	1923	?	----	49	6.2	---	127	73
25/5-1A1s	Spring	4-24-51	NL	----	30	.07	---	6.6	6.5
-5H1	200	8-26-52	NL	----	58	2.2	---	12	6.4
-5R1	204	9-5-52	NL	----	49	2.0	<.05	11	6.4
-17Q1	108	11-20-43	NL	----	29	-----	---	18	7.5
-20C1	244	11-2-50	?	----	38	<.1	---	13	9.6
-21Q1	100	8-24-51	USGS	----	33	.02	.00	6.3	6.2
-23C3	88	4-16-58	USGS	51	24	.09	---	6.4	4.9
-24R1	75	4-9-58	USGS	54	19	5.8	.00	8.8	6.8
-32N1	1,055	1-26-50	NL	----	44	<.1	---	16	10
25/6-19A2	200	4-9-58	USGS	54	18	.78	.00	18	3.4
26/3-1D3	94	2-25-54	USGS	49	31	.00	---	13	13
-2C1	101	2-25-54	USGS	54	48	.11	---	18	5.9
26/4-5E1	565	5-14-54	USGS	50	40	.02	.05	21	13
-16Q1	287	2-23-54	USGS	50	34	.00	---	18	1.5
-30K1	240	2-25-54	USGS	50	36	.00	---	19	2.0
26/5-5E1	230	8-24-51	USGS	----	47	.03	.00	21	8.4
-30G1	184	4-30-48	NL	----	57	2.3	.10	12	11
-32R1	304	1-12-53	NL	----	63	.25	---	14	8.7

[a] Computed.

of ground water in northwest King County, Wash.

GN Ry, Great Northern Railway; LTL, Laucks
tories; USGS, U.S. Geological Survey; USN,

Parts per million												
Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Carbonate (CO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Boron (B)	Dissolved solids	Hardness as $CaCO_3$ a/	Specific conductance (micromhos at 25°C)	pH
314	8.4	284	----	1.9	348	0.1	1.0	0.68	[a]876	118	1,600	7.9
82		[a]254	----	4.6	93	---	---	----	537	165	----	---
5.0		75	----	18	7.7	---	.4	----	137	75	----	7.4
551		478	----	119	990	---	---	----	2,360	702	----	7.2
6.0	4.2	82	0	12	2.5	.0	.1	.14	104	66	156	7.7
304		501	----	1.0	278	.4	.0	----	963	142	----	8.2
---	---	123	0	.0	3.7	---	---	----	141	109	----	8.1
8.8		112	----	5.9	2.5	---	.13	----	135	82	----	7.7
57		155	----	.5	8.9	---	Tr.	----	205	14	----	8.0
14		56	----	37	8.9	.0	.0	----	173	67	----	6.7
18	9.6	171	0	16	3.0	.1	.0	----	196	106	307	8.0
4.2	3.3	59	0	.5	1.8	.0	3.3	.09	[a]91	44	106	7.2
7.4	1.8	94	----	8.6	2.4	.1	.1	----	[a]109	69	162	8.0
5.4	1.6	47	----	6.3	3.4	.2	3.5	----	79	38	105	7.0
6.3	2.4	69	----	1.0	4.8	.2	2.5	----	102	48	120	7.2
6.6	3.4	104	----	5.4	2.5	.2	.2	----	[a]145	78	175	7.7
16		---	29	3.4	24	---	---	----	260	70	----	---
39		134	----	.1	16	---	---	----	211	48	----	7.4
259		196	1.5	36	554	---	---	----	1,320	----	----	7.9
87		[a]180	----	35	441	---	---	----	1,055	617	----	---
4.7		50	----	4.8	5.5	.0	.09	----	75	43	----	7.1
17		101	----	1.3	6.8	.0	.0	----	151	57	----	7.3
18		98	----	1.5	6.8	.0	.0	----	121	53	----	7.2
3.4		---	----	2.5	5.2	---	.0	----	120	76	----	7.4
15		105	----	2.5	10	.4	.0	----	[a]141	71	----	7.8
3.8	1.4	49	----	6.3	4.3	.2	.9	----	86	41	102	7.2
3.9	1.9	45	0	4.7	2.0	---	.5	.07	72	36	90	7.4
5.7	2.1	61	0	7.7	4.0	.0	.4	.10	82	50	126	7.3
22		137	----	.2	13	---	.0	----	[a]174	88	----	7.8
22	3.1	124	0	1.4	3.0	.0	1.8	.11	131	59	202	8.0
7.8	2.7	74	----	20	10	.2	13	.03	157	86	222	7.4
7.3	2.5	92	----	4.1	4.5	.2	1.9	.18	124	69	172	7.5
19	5.4	170	0	3.7	3.8	.2	4.7	.09	187	106	285	7.8
6.1	2.2	60	----	9.9	3.5	.2	1.2	.06	104	51	137	7.5
6.2	2.2	71	----	6.2	4.0	.2	1.8	.01	114	56	145	7.2
8.6	4.0	128	----	1.7	2.9	.3	.7	----	[a]158	87	201	7.2
.9		95	----	<.1	1.4	---	---	----	141	72	----	7.2
12		110	----	1.2	4.4	.0	.0	----	135	71	----	7.0

Table 9.--Selected partial chemical analyses of ground water in northwest King County, Wash.

Analyses by U.S. Geological Survey

Well	Depth (feet)	Date of collection	Parts per million			
			Bicarbonate (HCO_3)	Chloride (Cl)	Hardness as $CaCO_3$	Specific conductance (micromhos at 25°C)
23/4-4B1	17-22	3-9-55	46	83	152	599
24/5-2D1	160	5-6-58	89	3.7	59	140
-2D2	220	5-6-58	98	3.9	62	150
-2F2	10	5-6-58	44	4.7	32	85
-3G2	189	5-8-58	80	3.1	46	108
-3K1	99	5-8-58	56	4.1	37	103
-4R1	55	5-8-58	90	5.8	68	157
-8A1	8	5-8-58	60	5.6	55	127
-9F1	20	5-8-58	61	9.5	100	255
-10A1	171	2-25-58	49	6.0	32	88
-10A2	152	2-25-58	62	4.8	43	112
-11N1	83	4- -58	----	7.2	40	----
-11N2	105	5-9-58	61	5.6	48	117
-13F1	180	5-20-58	98	7.2	44	176
-14B1	158	5-8-58	45	5.6	35	99
-14L1	35	5-9-58	67	5.0	45	128
-16F2	53	2-25-58	64	7.0	65	153
-23C1	312	2-24-58	122	5.6	114	275
-25D1	12	5-9-58	31	7.0	18	99
24/6-2P2	100+	5-27-58	90	11	60	151
-16L1	72	5-16-58	176	5.0	81	260
-18E1	40	5-27-58	752	19	58	717
-19Q1	327	5-20-58	111	6.2	95	229

24/7-4M1	24	4-16-58	81	9.5	67	168
-6G1	17	4-16-58	78	7.2	47	136
-8G1	8	4-16-58	78	6.0	55	141
25/5-1C1	49	3-11-58	51	4.4	31	97
-11L1	85	3-27-58	141	6.6	34	141
-12G1	31	3-10-58	65	6.7	43	----
-12H1	29	3-10-58	64	6.2	43	135
-12J1	19	3-10-58	41	6.5	42	128
-12J2	9	3-10-58	47	5.8	39	106
-13L1	39	3-14-58	112	4.9	75	147
-13N1	20	3-14-58	61	6.9	60	164
-13P1	42	3-14-58	98	6.9	71	182
-14J1	192	3-21-58	95	1.3	52	132
-15R2	34	4-2-58	22	5.8	34	97
-17A1s	spring	4-8-58	51	8.7	43	139
-20F1	27	4-8-58	77	7.8	56	158
-20J1s	spring	4-11-58	93	6.4	72	181
-21D1s	spring	4-8-58	73	5.0	4.1	113
-22D2	100	4-8-58	52	4.9	28	84
-22M1	55	4-2-58	69	11	82	213
-23C1	75	4-16-58	51	5.0	32	95
-23K1	108	4-2-58	51	4.9	41	106
-23N1	27	2-25-58	25	4.5	21	54
-23Q1	103	4-2-58	44	4.9	30	80
-23Q2	100	4-2-58	50	3.1	31	89
-23R2	138	4- -58	33	7.5	27	----
-24G2	10	3-21-58	59	2.9	44	112
-32R1	28	5-13-58	85	11	75	199
-33D1	62	5-13-58	44	7.0	52	151
-34R1	38	5-13-58	78	5.5	51	139
25/6-6F1	13	5-7-58	44	5.5	32	96
-6G1	6	2-26-58	214	5.6	33	96
-8G1	131	3-11-58	109	2.3	83	197

Table 9.--Selected partial analyses of ground water in northwest King County, Wash.--Continued

Well	Depth (feet)	Date of collection	Parts per million			
			Bicarbonate (HCO_3)	Chloride (Cl)	Hardness as $CaCO_3$	Specific conductance (micromhos at 25°C)
25/6-9F1	260	3-11-58	83	1.4	52	130
-18K1	286	3-11-58	159	9.4	64	237
-19H1	40	3-11-58	127	2.9	55	198
-19L1	34	3-21-58	109	3.9	84	199
-22C1	145	3-11-58	83	4.9	57	144
-30B1	88	3-21-58	122	3.1	82	170
-30C1	170	3-21-58	159	2.5	82	211
25/7-22G1	60	2-26-58	21	2.7	14	43
-32R1	25	4-17-58	68	1.7	43	109
26/4-13L1	31	3-25-58	71	2.9	62	142
-24M1	69	3-25-58	47	4.5	48	93
26/5-8P2	8	3-25-58	84	4.8	121	145
-9R1	332	3-20-58	231	4.9	138	333
-10L1	12	3-10-58	37	5.2	31	89
-11Q1	180	3-12-58	51	6.8	37	95
-13P3	232	3-11-58	53	2.9	33	91
-14A1	309	2-12-58	57	6.7	37	95
-14G1	209	3-12-58	41	4.8	26	73
-14K1	90	3-12-58	36	4.8	32	83
-14L1	109	3-12-58	34	6.5	26	86
-15D1	14	3-20-58	51	3.1	42	107
-15R1	65	3-12-58	58	7.4	55	96
-16E1	53	4-3-58	86	2.3	64	160
-16G1	28	3-13-58	73	9.2	88	237

26/5-16L1	43	3-13-58	61	5.8	52	134
-17A1	41	3-20-58	61	8.6	51	168
-17A2	32	3-25-58	44	18	118	185
-18A2	101	3-27-58	283	11	70	423
-19J1	100	3-10-58	37	8.1	43	120
-19M1	29	3-25-58	65	9.3	61	163
-20K1	8	3-13-58	90	4.6	58	143
-21K1	75	3-10-58	53	8.0	49	141
-22N1	148	2-26-58	95	19	96	260
-23A1	323	2-12-58	52	4.8	36	121
-23D1	45	3-11-58	129	5.0	58	210
-23J1	67	2-12-58	93	4.8	55	137
-23L1	237	3-11-58	161	3.8	43	241
-25M1	112	2-12-58	80	5.6	51	121
-25P1	75	2-12-58	44	12	37	116
-27K1	15	4-3-58	121	8.2	88	204
-28D2	15	3-13-58	51	7.3	54	146
-34Q1, 2	20-24	3-27-58	49	4.8	65	121
26/6-7L3	9	2-26-58	50	13	66	211
-8J1	41	2-26-58	67	6.0	31	99
-19Q1	8	2-12-58	33	5.8	27	36
-20Q2	65	3-20-58	110	2.7	68	169
-21P1	99	3-20-58	100	11	84	205
-24D1	251	2-26-58	183	9.6	54	293
-30N1	21	2-26-58	28	4.8	11	52
-31L1	353	3-21-58	129	2.5	65	185