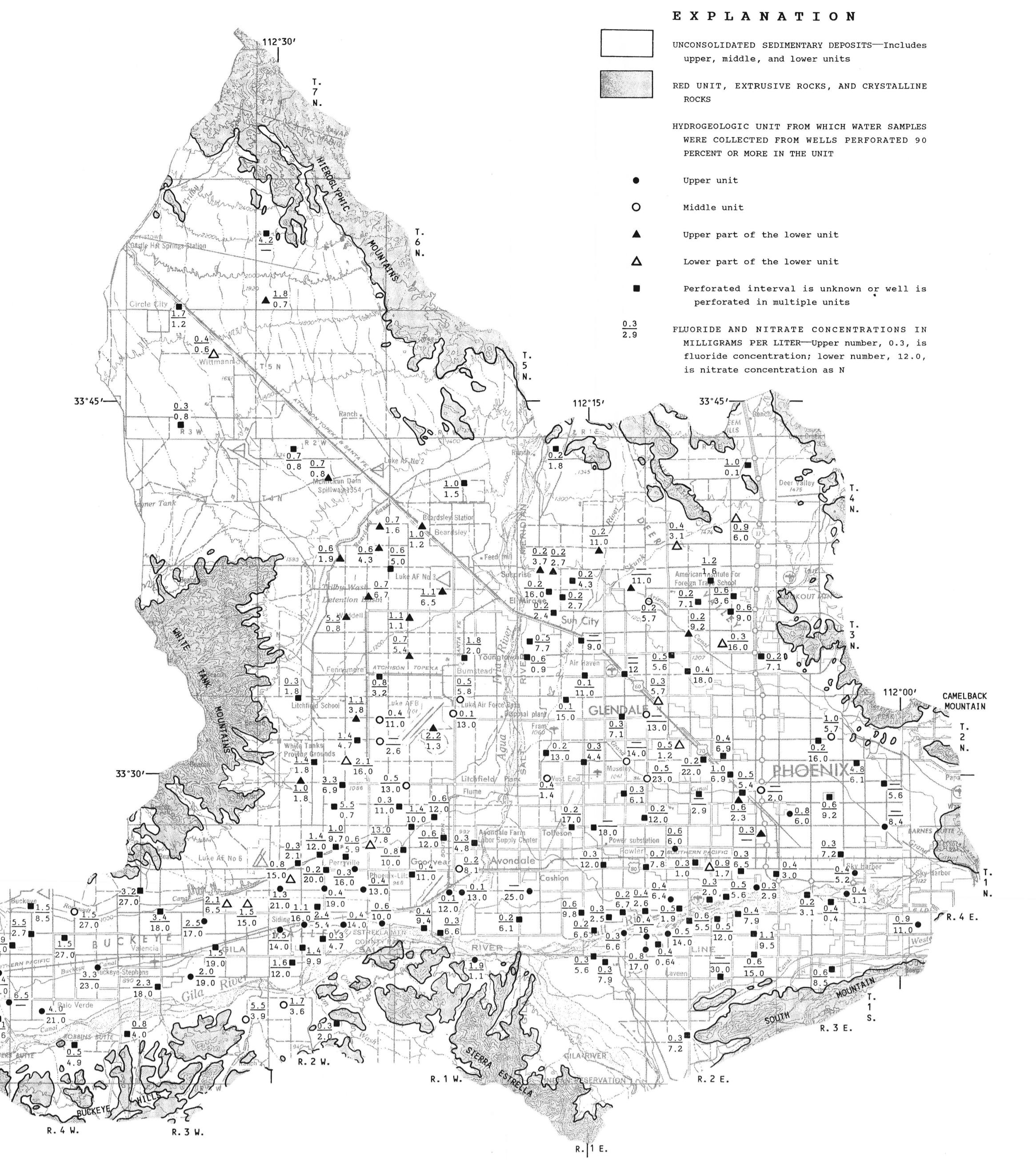


Figure 13.--Dissolved-solids concentrations in water from selected wells, 1980-85.



14.--Fluoride and nitrate concentrations in water from selected wells, 1980-85.

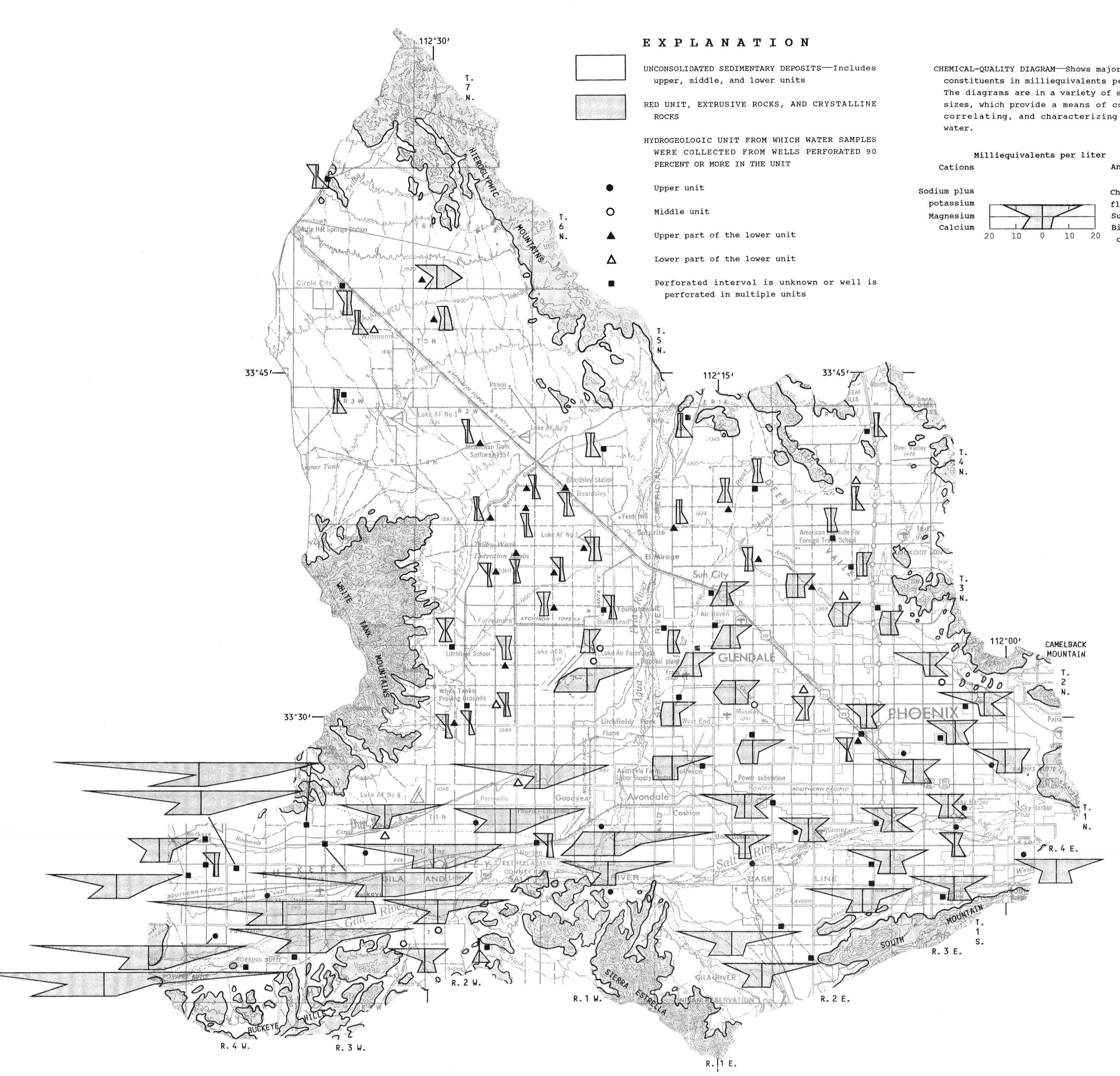


Figure 15.--Distribution of selected chemical constituents in water from selected wells, 1980-85.

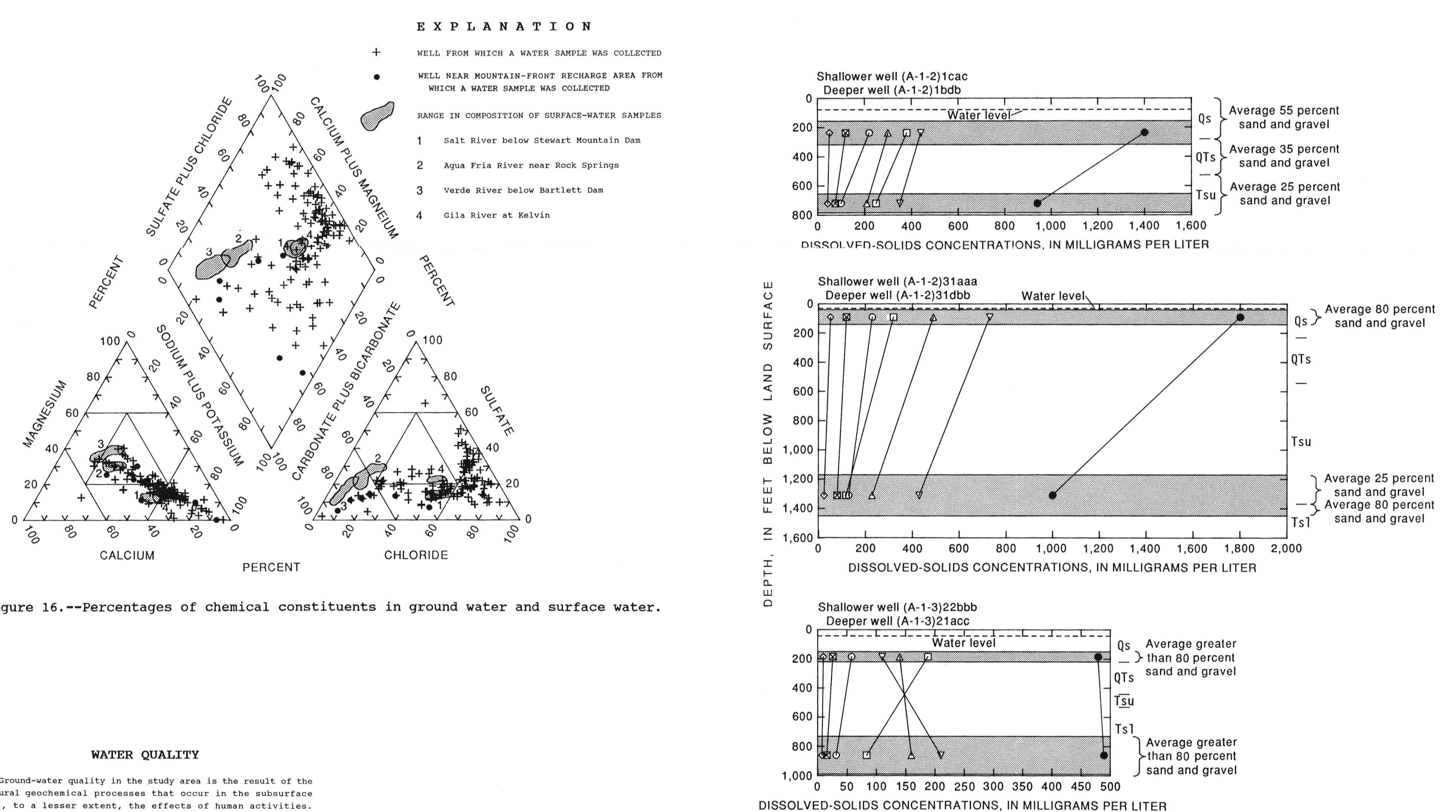


Figure 16.--Percentages of chemical constituents in ground water and surface water.

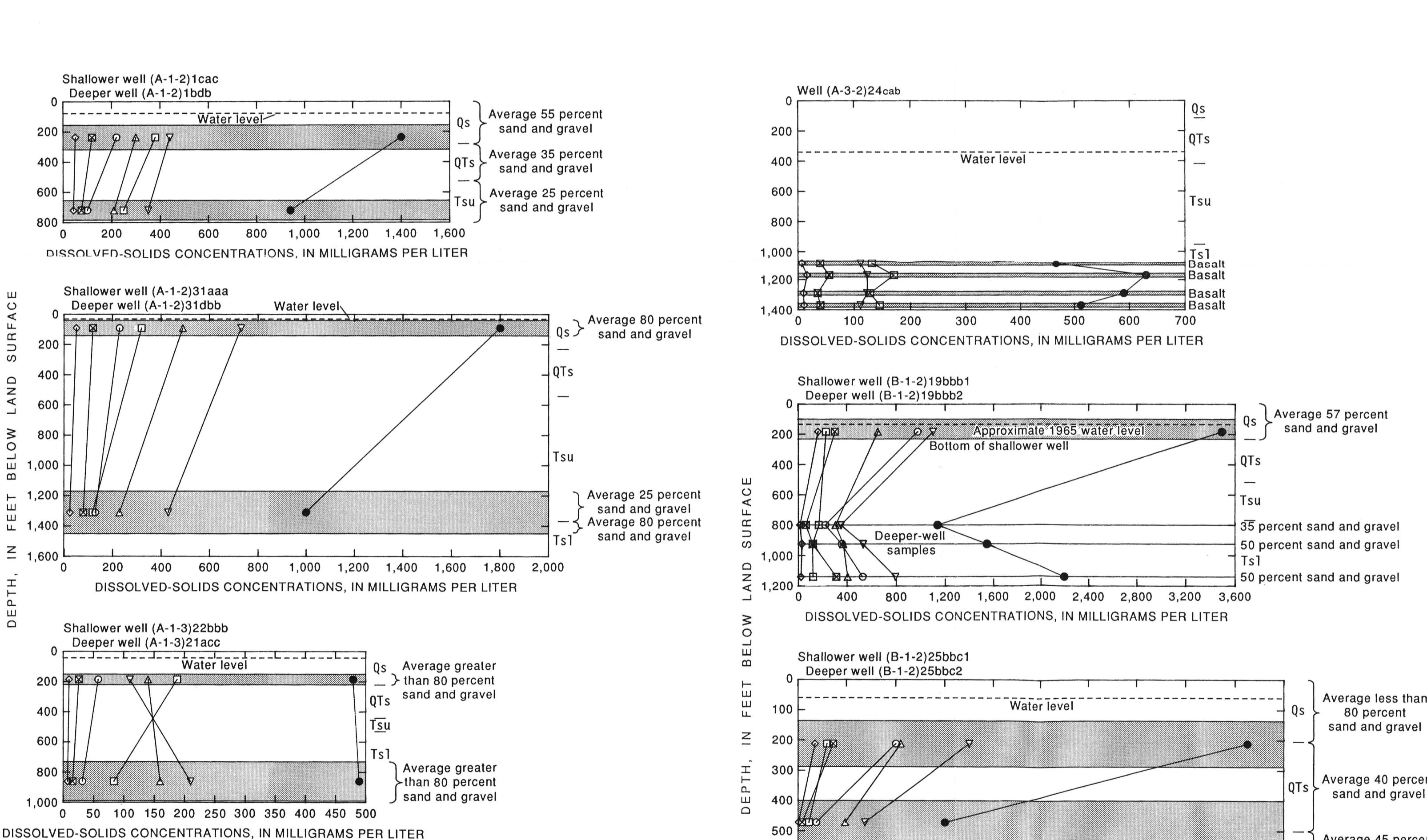


Table 2.--Chemical analyses of water from selected wells

[Ft, feet; °C, degrees Celsius; mg/L, milligrams per liter; µg/L, micrograms per liter; µS/cm, microsiemens per centimeter at 25° Celsius; <, less than; ----, indicates no data]

LOCAL IDENTI-FIER	WELL DEPTH (ft)	DATE	TEMPERATURE (°C)	PH (STAND-ARD UNITS)	ALKALINITY (mg/L as CaCO ₃)	CALCIUM (mg/L as Ca)	MAGNE-SIUM, SOLVED (mg/L as K)	POTAS-SIUM, SOLVED (mg/L as Na)	CHLO-RIDE, SOLVED (mg/L as Cl)	SULFATE, SOLVED (mg/L as SO ₄)	FLUO-GEN, NO ₂ +NO ₃ (mg/L as F)	SILICA, SOLVED (mg/L as SiO ₂)	CHRO-MIUM, HEXA-VALENT, DISSOLVED (mg/L as Cr)	ARSENIC (mg/L as As)	MANGANESE, SOLVED (mg/L as Mn)	SELENIUM, SOLVED (µg/L as Se)	SPECIFIC CONDUCTANCE, DUCT-ANCE (µS/cm)	SOLIDS, SUM OF CONSTITUENTS, SOLVED (mg/L)		
																			DIS-LAB (mg/L as Mg)	DIS-SOLVED (mg/L as Mg)
A-01-01 36AAD	156	07-27-83	21.5	7.20	369	160	72	6.8	570	880	350	0.40	16.0	27	<1	--	<10	--	3,920	2,300
A-01-02 08BAA1	284	07-24-84	23.0	7.60	428	76	40	4.6	410	430	170	0.60	6.00	31	<1	8	580	2	2,410	1,400
A-01-02 09CDB	1,800	08-03-84	32.0	7.90	110	58	36	4.9	140	310	59	0.30	1.00	21	2	5	2	<1	1,330	700
A-01-02 35DDD	230	07-26-84	24.0	7.30	250	130	48	4.8	500	680	320	0.60	15.0	36	<1	6	<10	9	3,160	1,900
A-01-03 15ABC	200	06-27-85	24.0	7.40	344	72	27	5.4	200	210	78	0.40	5.20	26	<1	6	<1	<1	1,440	830
A-01-04 30BDD	120	07-27-84	23.0	7.40	328	120	55	7.0	400	570	250	0.90	11.0	37	<1	8	20	5	2,760	1,600
A-02-01 17CAB2	720	07-20-84	26.0	7.50	140	90	60	5.5	88	310	98	0.20	13.0	23	<1	2	3	2	1,440	760
A-02-02 03AAD	620	06-19-80	27.0	7.60	---	---	---	---	---	---	---	---	---	---	--	--	--	--	1,060	----
A-02-02 26CDB	950	06-24-85	33.5	8.50	97	14	1.6	2.8	94	78	18	0.60	2.30	21	31	5	1	<1	530	290
A-02-03 28CAA	462	07-02-85	26.0	7.60	241	76	45	4.2	250	300	140	0.60	9.20	33	2	5	<1	5	1,690	1,000
A-03-01 27CCC	453	07-19-84	23.5	7.20	205	150	61	4.0	61	300	120	<0.10	11.0	31	<1	1	3	2	1,590	850
A-03-02 20AAA2	1,200	08-11-81	----	----	151	83	55	8.0	86	230	120	----	47.0	--	--	--	--	----	720	
A-03-02 24BAB2	1,430	06-08-83	32.0	7.90	---	45	28	---	53	---	---	---	---	30	33	6	2	--	720	----
A-04-01 05ACD	500	08-24-83	25.0	7.60	207	47	15	2.4	31	24	22	0.20	1.80	34	<1	--	2	--	475	300
A-04-01 34ABA	1,190	06-25-85	28.0	7.70	128	47	23	3.6	46	60	49	0.20	11.0	34	6	3	<1	1	650	340
A-04-02 11ADB	900	07-30-85	28.0	7.60	173	33	17	2.9	42	13	9.7	1.0	4.50	42	1	--	8	--	438	270
B-01-01 10CCD	405	08-11-80	26.0	7.00	---	130	58	4.8	60	310	110	0.20	8.10	26	8	4	<1	3	1,380	760
B-01-02 01CCC	1,900	06-12-85	42.0	7.70	73	130	28	4.5	750	910	680	13	7.80	27	<1	74	<10	3	4,110	2,600
B-01-02 17CAA	1,200	06-27-85	27.0	7.30	179	220	100	6.9	480	810	600	0.80	15.0	25	5	1	20	15	3,710	2,400
B-01-03 27CBB	178	06-27-85	24.0	7.30	267	170	92	6.2	810	910	920	2.5	17.0	24	3	4	<10	18	4,750	3,100
B-01-04 24AAA	402	07-12-84	31.5	7.70	49	390	9.5	16	1,200	1,600	1,300	3.2	27.0	35	<1	18	20	22	7,000	4,600
B-01-04 32BBB2	1,580	06-13-85	37.0	8.90	70	8.0	2.8	1.5	99	64	60	5.5	2.70	22	17	17	<1	3	540	320
B-02-01 03BBA2	386	07-05-83	25.5	7.50	106	73	32	3.1	44	160	59	0.50	5.80	28	<1	--	<3	--	880	470
B-02-01 19DBB2	627	08-16-83	28.0	7.80	96	71	36	4.5	180	300	180	1.1	7.20	19	3	--	2	--	1,550	850
B-02-02 05AAB	747	07-05-83	30.0	7.80	128	47	8.9	4.3	74	120	20	0.30	1.80	25	<1	--	<2	--	715	380
B-02-02 11BBB	800	07-10-84	31.0	8.30	105	20	7.8	2.4	55	34	21	1.9	3.80	21	2	.10	<1	1	430	220
B-02-02 20DDD	500	08-21-84	32.0	8.20	129	8.8	3.6	3.0	63	22	21	1.0	1.80	13	2	11	2	<1	380	210
B-03-01 09ABB	1,000	06-29-84	31.0	7.90	124	31	12	3.2	90	66	77	1.1	6.50	25	15	9	<1	<1	670	370
B-03-01 27AAB	1,085	06-29-84	35.0	8.40	128	8.7	3.4	2.1	85	33	32	1.8	2.00	20	49	25	<1	<1	425	260
B-03-01 29BBB	1,140	06-29-84	31.0	8.00	115	28	12	3.1	75	62	58	0.70	5.40	20	33	5	<1	<1	610	320
B-03-02 14BCB	1,400	06-28-84	42.5	9.10	102	2.4	0.07	1.3	79	25	29	5.5	0.540	23	55	34	<1	<1	400	210
B-04-01 29ABB	900	08-01-84	32.0	7.80	143	26	8.6	2.8	74	38	51	1.0	1.20	27	<1	8	2	<1	528	310
B-04-02 10CCA	480	08-02-84	27.0	8.10	117	21	8.5	2.6	39	17	22	0.70	0.750	17	3	1	4	<1	338	200
B-05-03 15AAA	600	07-18-84	26.5	7.50	183	45	14	2.5	37	22	26	0.40	0.600	27	<1	1	3	<1	475	290
B-05-03 33BDA	----	08-04-83	24.0	7.70	165	36	12	2.3	32	18	23	0.30	0.780	23	--	7	--	405	250	
B-06-02 31BDD	910	08-03-83	28.0	7.70	96	99	16	4.5	180	110	460	1.8	0.720	30	<1	7	12	--	1,390	960
B-06-03 05ACD	90	08-03-83	25.0	7.70	239	30	8.8	1.6	86	27	23	2.2	3.20	34	<1	24	<3	--	575	360
B-06-03 33DCB	800	07-31-85	31.0	7.60	138	39	15	3.0	87	60	87	1.7	1.10	32	4	--	3	--	660	410
C-01-01 03AAD	101	08-02-84	27.0	7.70	145	140	37	6.3	420	840	140	1.9	1.10	30	<1	2	<10	<1	3,010	1,700
C-01-02 18ACA	180	07-17-84	25.5	7.40	153	190	38	8.4	470	950	200	1.7	3.60	27	<1	1	<10	1	3,500	2,000
C-01-02 22BBB	300	07-28-83	25.0	7.40	192	50														

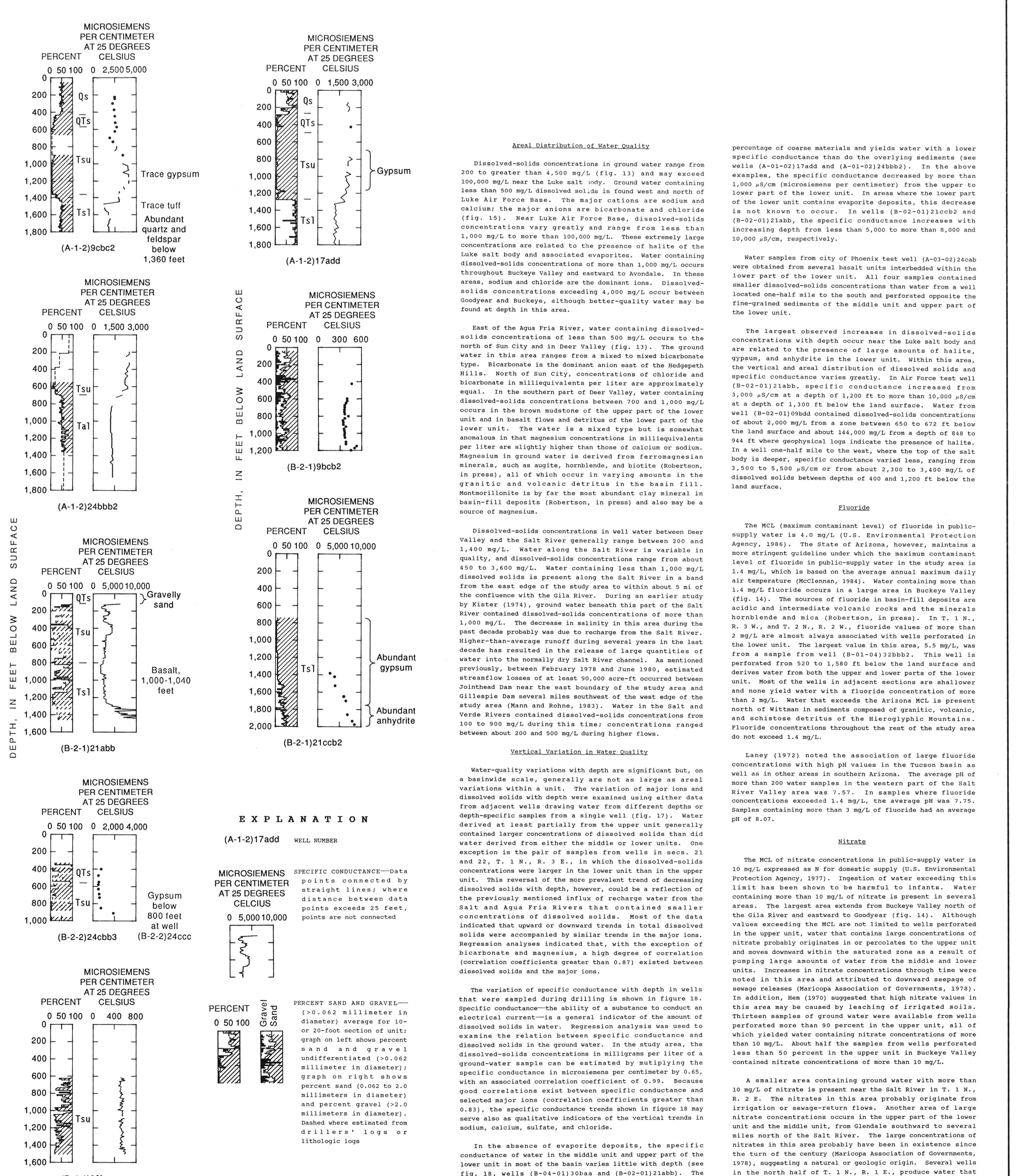


Figure 18.--Variation of specific conductance in ground water