

Table 24. Carbon concentrations in soil samples from land-use well cuttings, 1997

[ft, feet; g/kg, grams per kilogram; <, less than detection limit indicated. Numbers in parentheses () are U.S. Geological Survey Water Data Storage and Retrieval System parameter codes]

Map-index number (fig. 2)	Well identification	Date (month- day-year)	Time (24-hour)	Depth to top of sample interval (ft) (72015)	Depth to bottom of sample interval (ft) (72016)	Inorganic carbon (g/kg) (49270)	Organic carbon (g/kg) (49271)	Organic plus inorganic carbon (g/kg) (49272)
Agricultural land-use wells								
1	405405091335001	04-25-97	1000	1.5	2.0	<0.100	6.40	6.40
			1005	6.5	7.0	<.100	1.50	1.50
			1010	9.5	10	60.0	8.00	68.0
2	405601091551901	04-25-97	1300	1.5	2.0	.100	2.00	2.70
			1305	5.5	6.0	<.100	.600	.600
			1310	14	14	<.100	1.30	1.30
			1315	18	18	<.100	.900	.900
3	411511091155101	04-22-97	1000	1.5	2.0	<.100	8.80	8.80
			1005	6.5	7.0	<.100	2.50	2.50
			1010	12	12	<.100	2.20	2.20
			1015	16	16	<.100	.900	.900
4	411843092105101	04-17-97	1000	1.5	2.0	1.30	2.90	4.20
			1005	6.5	7.0	.300	1.70	2.00
			1010	16	17	<.100	.600	.600
5	412755091114101	04-22-97	1300	1.5	2.0	<.100	13.0	13.0
			1305	6.5	7.0	.100	5.60	5.70
			1310	14	15	<.100	.700	.700
6	412927092575201	04-16-97	1000	1.5	2.0	3.30	11.0	14.0
			1005	4.5	5.0	.300	2.20	2.50
			1010	16	17	<.100	.400	.400
7	413248092011301	04-17-97	1300	1.5	2.0	<.100	8.20	8.20
			1305	4.5	5.0	<.100	1.80	1.80
			1310	9.5	10	<.100	.500	.500
			1315	16	17	<.100	23.0	23.0
8	413540091341201	04-22-97	1500	1.5	2.0	<.100	10.0	10.0
			1505	6.5	7.0	<.100	1.30	1.30
			1510	12	13	7.10	2.50	9.60
9	414208092312601	05-09-97	1000	1.5	2.0	<.100	.300	.300

Table 24. Carbon concentrations in soil samples from land-use well cuttings, 1997—Continued

Map-index number (fig. 2)	Well identification	Date (month- day-year)	Time (24-hour)	Depth to top of sample interval (ft) (72015)	Depth to bottom of sample interval (ft) (72016)	Inorganic carbon (g/kg) (49270)	Organic carbon (g/kg) (49271)	Organic plus inorganic carbon (g/kg) (49272)
Agricultural land-use wells—Continued								
9	414208092312601	05-09-97	1005	4.5	5.0	<0.100	0.600	0.600
			1010	14	15	.200	13.0	13.0
10	414912093284201	04-23-97	1000	1.5	2.0	1.20	7.70	8.90
			1005	9.5	10	5.10	3.20	8.30
			1010	18	18	6.90	7.10	14.0
			1015	20	20	8.10	3.90	12.0
11	414958090230301	04-18-97	1000	1.5	2.0	.300	4.80	5.10
			1005	3.5	4.0	<.100	1.10	1.10
			1010	8.5	9.0	21.0	4.00	25.0
			1015	22	22	9.20	1.80	11.0
12	415527092190301	04-24-97	1300	1.5	2.0	.200	14.0	14.0
			1305	10	11	.100	9.90	10.0
			1310	20	20	6.30	5.70	12.0
13	420117092505601	04-24-97	1000	1.5	2.0	1.10	19.0	20.0
			1005	5.5	6.0	2.20	2.30	4.50
			1010	20	20	.400	.600	1.00
14	421115091250501	04-29-97	1000	1.5	2.0	<.100	11.0	11.0
			1005	3.5	4.0	<.100	.800	.800
			1010	10	11	<.100	.600	.600
			1015	22	22	7.00	.500	7.50
15	421705092142501	05-06-97	1500	1.5	2.0	.500	18.0	19.0
			1505	4.5	5.0	.100	4.20	4.30
			1510	14	15	<.100	.200	.200
16	422518092144701	05-06-97	1300	1.5	2.0	.300	3.50	3.80
			1305	4.5	5.0	<.100	.500	.500
			1310	14	14	.600	.400	1.00
			1315	16	17	1.70	.400	2.10
17	422629092345001	10-28-96	1000	2.0	2.5	.100	8.70	8.70
			1005	4.5	5.0	<.100	4.10	4.10
			1010	7.5	8.0	<.100	.400	.400

Table 24. Carbon concentrations in soil samples from land-use well cuttings, 1997—Continued

Map-index number (fig. 2)	Well identification	Date (month- day-year)	Time (24-hour)	Depth to top of sample interval (ft) (72015)	Depth to bottom of sample interval (ft) (72016)	Inorganic carbon (g/kg) (49270)	Organic carbon (g/kg) (49271)	Organic plus inorganic carbon (g/kg) (49272)
Agricultural land-use wells—Continued								
17	422629092345001	10-28-96	1015	16	16	0.100	0.200	0.200
18	423419093172401	04-15-97	1000	1.5	2.0	.300	2.60	2.90
			1005	4.5	5.0	9.10	5.90	15.0
			1010	12	12	15.0	5.00	20.0
19	423557091560501	11-12-96	1000	1.5	2.0	<.100	1.40	1.40
			1005	5.5	6.0	15.0	21.0	36.0
			1010	12	12	18.0	20.0	38.0
			1015	16	17	3.60	79.0	83.0
20	423639092350901	05-05-97	1300	1.5	2.0	.500	4.60	5.10
			1305	6.5	7.0	<.100	.600	.600
			1310	16	16	.300	.200	.500
21	424203092551301	04-15-97	1300	1.5	2.0	<.100	.600	.600
			1305	4.5	5.0	8.80	2.20	11.0
			1310	14	15	7.60	.800	8.40
22	424548092101701	11-13-96	1300	1.5	2.0	<.100	25.0	25.0
			1305	4.5	5.0	<.100	5.90	5.90
			1310	5.5	6.0	<.100	.500	.500
			1315	14	14	<.100	.500	.500
23	425401093135201	11-01-96	1000	2.0	2.5	.400	3.40	3.80
			1005	3.5	4.0	1.10	1.30	2.40
			1010	7.5	8.0	15.0	1.00	16.0
			1015	18	18	12.0	4.00	16.0
			1020	19	20	6.50	6.50	13.0
24	425756092162401	11-13-96	1000	2.0	2.5	<.100	8.40	8.40
			1005	4.5	5.0	<.100	1.00	1.00
			1010	6.5	7.0	<.100	1.00	1.00
			1015	12	12	<.100	.100	.100
			1020	12	13	<.100	5.50	5.50
			1025	16	16	<.100	.200	.200

Table 24. Carbon concentrations in soil samples from land-use well cuttings, 1997—Continued

Map-index number (fig. 2)	Well identification	Date (month- day-year)	Time (24-hour)	Depth to top of sample interval (ft) (72015)	Depth to bottom of sample interval (ft) (72016)	Inorganic carbon (g/kg) (49270)	Organic carbon (g/kg) (49271)	Organic plus inorganic carbon (g/kg) (49272)
Agricultural land-use wells—Continued								
25	430159093403201	11-07-96	1000	2.0	2.5	0.200	7.30	7.50
			1005	5.5	6.0	24.0	2.00	26.0
			1010	9.5	10	26.0	1.00	27.0
			1015	26	27	24.0	4.00	28.0
26	430525093023501	05-05-97	1000	1.5	2.0	19.0	4.00	23.0
			1005	6.5	7.0	9.90	3.10	13.0
27	431222093313301	05-01-97	1000	1.5	2.0	.100	13.0	13.0
			1005	6.5	7.0	.900	3.20	4.10
			1010	16	16	10.0	2.00	12.0
			1015	20	20	17.0	1.00	18.0
28	431339093155901	05-01-97	1300	1.5	2.0	<.100	1.30	1.30
			1305	4.5	5.0	17.0	5.00	22.0
			1310	12	12	20.0	4.00	24.0
29	432946093161901	10-09-96	1000	1.5	2.0	.100	3.60	3.60
			1005	6.5	7.0	.100	.400	.400
			1010	10	11	21.0	3.00	24.0
			1015	20	20	19.0	5.00	24.0
30	433815093000001	07-08-97	1000	2.5	3.0	.100	13.0	13.0
			1005	12	13	1.90	1.60	3.50
			1010	14	14	3.00	1.50	4.50
31	435221093001901	07-08-97	1700	2.5	3.0	<.100	2.70	2.70
			1705	7.5	8.0	<.100	.300	.300
			1710	12	13	.500	.700	1.20
Urban land-use wells								
32	412855091421601	08-14-96	1000	2.0	2.5	.500	420	420
			1005	3.5	4.0	.100	56.0	56.0
			1010	6.5	7.0	<.100	31.0	31.0
			1015	10	11	<.100	6.40	6.40
			1020	16	16	.300	14.0	14.0
			1025	18	19	<.100	1.20	1.20

Table 24. Carbon concentrations in soil samples from land-use well cuttings, 1997—Continued

Map-index number (fig. 2)	Well identification	Date (month- day-year)	Time (24-hour)	Depth to top of sample interval (ft) (72015)	Depth to bottom of sample interval (ft) (72016)	Inorganic carbon (g/kg) (49270)	Organic carbon (g/kg) (49271)	Organic plus inorganic carbon (g/kg) (49272)
Urban land-use wells—Continued								
33	413414091095501	08-06-96	1000	1.5	2.0	<0.100	21.0	21.0
			1005	5.5	6.0	.100	13.0	13.0
			1010	12	12	.700	2.00	2.70
			1015	14	14	6.70	3.10	9.80
			1020	20	20	.200	.400	.600
			1025	26	27	.600	.400	1.00
34	413823091322301	08-19-96	1000	2.0	2.5	.100	11.0	11.0
			1005	3.5	4.0	.100	3.50	3.50
			1010	5.5	6.0	.100	1.40	1.40
			1015	9.5	10	.100	.400	.400
			1020	16	16	.100	.300	.300
			1025	26	26	.100	.100	.100
35	413933091304701	08-09-96	1000	1.5	2.0	.700	17.0	18.0
			1005	4.5	5.0	<.100	5.20	5.20
			1010	12	13	<.100	1.00	1.00
			1015	24	25	<.100	.500	.500
			1020	36	37	<.100	3.70	3.70
36	414435090465101	08-05-96	1000	1.5	2.0	<.100	110	110
			1005	4.5	5.0	<.100	3.60	3.60
			1010	9.5	10	7.20	8.80	16.0
			1020	27	28	4.80	1.00	5.80
37	415825091405601	08-13-96	1300	2.0	2.5	5.00	405	410
			1305	4.5	5.0	.200	48.0	48.0
			1310	8.5	9.0	.500	2.60	3.10
			1315	16	17	5.40	2.30	7.70
38	415827091392401	08-13-96	1500	2.0	2.5	<.100	6.90	6.90
			1505	4.5	5.0	.200	32.0	32.0
			1510	9.5	10	<.100	1.60	1.60
			1515	22	22	<.100	.700	.700
			1520	26	27	<.100	1.00	1.00

Table 24. Carbon concentrations in soil samples from land-use well cuttings, 1997—Continued

Map-index number (fig. 2)	Well identification	Date (month- day-year)	Time (24-hour)	Depth to top of sample interval (ft) (72015)	Depth to bottom of sample interval (ft) (72016)	Inorganic carbon (g/kg) (49270)	Organic carbon (g/kg) (49271)	Organic plus inorganic carbon (g/kg) (49272)
Urban land-use wells—Continued								
39	415850090572201	05-12-97	1000	1.5	2.0	0.100	14.0	14.0
			1005	12	12	<.100	1.00	1.00
			1010	14	15	<.100	.300	.300
40	420219093361301	08-08-96	1000	2.0	2.5	1.40	19.0	20.0
			1005	7.0	7.5	.900	4.70	5.60
			1010	13	14	2.00	.600	2.60
41	420240092535001	08-07-96	1015	27	28	8.60	2.40	11.0
			1000	2.5	3.0	3.40	65.0	68.0
			1005	6.5	7.0	1.20	12.0	13.0
42	420347092541601	08-07-96	1010	9.5	10	.900	3.80	4.70
			1015	16	17	.100	1.40	1.40
			1020	30	30	2.30	3.90	6.20
43	420936092005701	08-15-96	1300	2.0	2.5	.100	12.0	12.0
			1305	2.5	3.0	.100	2.90	2.90
			1310	4.5	5.0	2.60	1.70	4.30
44	421012092020101	08-15-96	1315	17	18	2.00	.800	2.80
			1300	2.0	2.5	<.100	13.0	13.0
			1305	3.0	3.5	.100	3.40	3.40
45	422426092272401	11-11-96	1310	4.5	5.0	2.90	1.30	4.20
			1315	12	12	4.50	1.80	6.30
			1320	16	16	7.30	1.40	8.70
46	421012092020101	08-15-96	1000	2.0	2.5	.100	19.0	19.0
			1005	3.0	3.5	.100	4.40	4.40
			1010	5.5	6.0	.100	1.20	1.20
47	422426092272401	11-11-96	1015	16	16	<.100	.600	.600
			1000	2.5	3.0	<.100	13.0	13.0
			1005	3.5	4.0	.700	2.00	2.70
48	422426092272401	11-11-96	1010	14	15	<.100	.500	.500
			1015	24	25	.400	2.40	2.80
			1020	26	26	<.100	2.00	2.00

Table 24. Carbon concentrations in soil samples from land-use well cuttings, 1997—Continued

Map-index number (fig. 2)	Well identification	Date (month- day-year)	Time (24-hour)	Depth to top of sample interval (ft) (72015)	Depth to bottom of sample interval (ft) (72016)	Inorganic carbon (g/kg) (49270)	Organic carbon (g/kg) (49271)	Organic plus inorganic carbon (g/kg) (49272)
Urban land-use wells—Continued								
46	422754092375301	10-31-96	1000	1.5	2.0	1.70	8.30	10.0
			1005	4.5	5.0	.100	.900	1.00
			1010	5.5	6.0	<.100	1.20	1.20
			1015	10	11	.200	1.40	1.60
			1020	14	15	.800	1.40	2.20
47	422913092192501	08-20-96	1000	3.5	4.0	5.70	18.0	24.0
			1005	6.5	7.0	2.30	8.70	11.0
			1010	14	15	2.70	7.20	9.90
			1015	20	20	2.30	6.50	8.80
			1020	24	25	2.00	1.20	3.20
48	422918092183901	08-20-96	1300	2.0	2.5	4.50	24.0	28.0
			1305	3.5	4.0	1.00	14.0	15.0
			1310	6.5	7.0	.100	1.60	1.60
			1315	9.5	10	.100	.600	.600
			1320	12	13	2.00	2.00	4.00
			1325	16	17	2.30	5.40	7.70
49	423018092200901	08-21-96	1000	2.0	2.5	.100	14.0	14.0
			1005	3.5	4.0	.100	3.50	3.50
			1010	4.5	5.0	.100	.500	.500
			1015	9.5	10	.100	.300	.300
50	423459092523701	10-07-96	1000	1.5	2.0	7.10	22.0	29.0
			1005	3.5	4.0	.300	4.30	4.60
			1010	10	11	28.0	5.00	33.0
			1015	20	20	26.0	7.00	33.0
			1020	22	22	12.0	.100	12.0
51	423459092530501	10-08-96	1000	2.5	3.0	3.70	11.0	15.0
			1005	4.5	5.0	3.30	9.70	13.0
			1010	5.5	6.0	5.90	8.10	14.0
			1015	8.5	9.0	29.0	7.00	36.0
			1020	12	12	35.0	5.00	40.0

Table 24. Carbon concentrations in soil samples from land-use well cuttings, 1997—Continued

Map-index number (fig. 2)	Well identification	Date (month- day-year)	Time (24-hour)	Depth to top of sample interval (ft) (72015)	Depth to bottom of sample interval (ft) (72016)	Inorganic carbon (g/kg) (49270)	Organic carbon (g/kg) (49271)	Organic plus inorganic carbon (g/kg) (49272)
Urban land-use wells—Continued								
51	423459092530501	10-08-96	1025	16	17	20.0	2.00	22.0
52	423930093294901	10-31-96	1300	2.0	2.5	4.90	16.0	21.0
			1305	4.5	5.0	1.00	4.10	5.10
			1310	14	15	.100	2.20	2.20
			1315	16	17	16.0	2.00	18.0
53	424034091553401	10-10-96	1300	1.5	2.0	.600	16.0	17.0
			1305	3.5	4.0	.100	2.40	2.40
			1310	12	13	.100	.800	.800
			1315	16	17	.100	.800	.800
54	424322092283901	05-06-97	1000	1.5	2.0	<.100	1.00	1.00
			1005	3.5	4.0	<.100	3.40	3.40
			1010	14	15	<.100	.200	.200
			1015	20	21	.700	.400	1.10
55	430414092405801	09-17-96	1000	2.0	2.5	<.100	5.60	5.60
			1005	4.5	5.0	<.100	2.00	2.00
55	430414092405801	09-17-96	1010	6.5	7.0	<.100	.300	.300
			1015	18	18	53.0	3.00	56.0
56	430442092402201	09-17-96	1300	2.0	2.5	1.70	13.0	15.0
			1305	6.5	7.0	.400	2.50	2.90
57	431438092262201	05-07-97	1000	1.5	2.0	1.00	13.0	14.0
			1005	5.5	6.0	<.100	.500	.500
			1010	14	14	<.100	.400	.400
58	433855093222401	07-07-97	1300	2.5	3.0	13.0	21.0	34.0
			1305	8.5	9.0	.300	85.0	85.0
			1310	16	16	9.20	9.80	19.0
59	433944092583501	07-08-97	1300	2.5	3.0	.100	19.0	19.0
			1305	7.5	8.0	<.100	1.20	1.20
			1310	14	14	<.100	1.00	1.00
			1315	16	17	5.80	1.10	6.90

Table 24. Carbon concentrations in soil samples from land-use well cuttings, 1997—Continued

Map-index number (fig. 2)	Well identification	Date (month- day-year)	Time (24-hour)	Depth to top of sample interval (ft) (72015)	Depth to bottom of sample interval (ft) (72016)	Inorganic carbon (g/kg) (49270)	Organic carbon (g/kg) (49271)	Organic plus inorganic carbon (g/kg) (49272)
Urban land-use wells—Continued								
60	434003092575401	07-08-97	1500	2.5	3.0	5.40	17.0	22.0
			1505	6.5	7.0	.300	13.0	13.0
			1510	16	16	1.30	4.70	6.00
			1515	16	17	41.0	9.00	50.0
61	434023093214201	07-07-97	1000	2.5	3.0	3.70	13.0	17.0
			1005	6.5	7.0	20.0	3.00	23.0
			1010	14	14	17.0	5.00	22.0
			1015	18	18	25.0	11.0	36.0

Table 25. Aquifer-material grain-size distribution from land-use well borehole cuttings, 1996-97

[ft, feet; mm, millimeters; clay, less than 0.004 mm; silt, 0.004 to 0.062 mm; sand, 0.062 to 2.00 mm; gravel, greater than 2.0 mm; %, percent]

Map-index number (fig. 2)	Well identification	Date (month-day-year)	Depth to top of sample interval (ft)	Depth to bottom of sample interval (ft)	Clay (%)	Silt (%)	Sand (%)	Gravel (%)
Agricultural land-use wells								
1	405405091335001	04-25-97	1.5	2	18.8	51.2	30.0	0
			6.5	7	20.2	39.9	39.9	0
			9.5	10	20.0	16.6	36.1	27.3
2	405601091551901	04-25-97	1.5	2	44.3	54.7	1.0	0
			5.5	6	5.6	4.1	90.3	0
			13.5	14	20.0	21	59.0	0
3	411511091155101	04-22-97	17.5	18	3.2	5.4	91.4	0
			1.5	2	8.6	8.6	81.9	0.9
			6.5	7	8.1	13.2	76.7	2.0
4	411843092105101	04-17-97	11.5	12	3.1	4	92.0	0.9
			15.5	16	2.3	2.7	92.3	2.7
			1.5	2	37.6	55.4	4.1	2.9
5	412755091114101	04-22-97	6.5	7	33.5	36.8	29.7	0
			16.5	17	23.2	11.5	65.3	0
			1.5	2	29.3	31.5	39.2	0
6	412927092575201	04-16-97	6.5	7	26.1	34.4	34.0	5.5
			14.5	15	4.5	8.4	79.6	7.5
			1.5	2	43.3	52.2	4.5	0
7	413248092011301	04-17-97	4.5	5	48.0	45.2	6.1	0.7
			16.5	17	5.9	29.2	64.9	0
			1.5	2	36.6	58.7	4.7	0
8	413540091341201	04-22-97	4.5	5	23.7	32.1	44.2	0
			9.5	10	5.5	4.6	89.7	0.2
			16.5	17	42.4	46.6	11.0	0
9	414208092312601	05-09-97	1.5	2	45.1	52.6	2.3	0
			6.5	7	29.1	68.9	2.0	0
			12.5	13	24.9	72.8	2.3	0
10	414912093284201	04-23-97	1.5	2	36.1	55.9	8.0	0
			4.5	5	.7	2.4	88.0	8.9
			14.5	15	5.4	8.0	86.3	0.3
11	414958090230301	04-18-97	1.5	2	34.8	51.4	11.5	2.3
			9.5	10	8.5	10.7	80.8	0
			17.5	18	5.7	8.8	84.9	.6
12	415527092190301	04-24-97	19.5	20	2.6	2.9	84.8	9.7
			1.5	2	40.8	54.9	4.3	0
			3.5	4	17.5	35.3	47.2	0
13	415527092190301	04-24-97	8.5	9	15.6	58.5	25.9	0
			21.5	22	5.8	23.3	68.9	2
			1.5	2	22.6	66.0	11.4	0
14	415527092190301	04-24-97	10.5	11	39.5	55.8	4.7	0
			19.5	20	22.2	34.3	31.2	12.3
			1.5	2	22.6	66.0	11.4	0

Table 25. Aquifer-material grain-size distribution from land-use well borehole cuttings, 1996-97—Continued

Map-index number (fig. 2)	Well identification	Date (month-day-year)	Depth to top of sample interval (ft)	Depth to bottom of sample interval (ft)	Clay (%)	Silt (%)	Sand (%)	Gravel (%)
Agricultural land-use wells—Continued								
13	420117092505601	04-24-97	1.5	2	47.5	50.1	2.4	0
			5.5	6	38.1	60.0	1.9	0
			19.5	20	8.8	24.2	64.3	2.7
14	421115091250501	04-29-97	1.5	2	32.3	56.0	11.7	0
			3.5	4	2.7	2.4	70.7	24.2
			10.5	11	2.8	3.3	61.8	32.1
			21.5	22	.4	1.3	71.9	26.4
15	421705092142501	05-06-97	1.5	2	35.0	63.0	2.0	0
			4.5	5	34.4	62.6	3.0	0
			14.5	15	5.2	11.4	80.6	2.8
16	422518092144701	05-06-97	1.5	2	18.2	17.6	28.1	36.1
			4.5	5			69.6	27.8
			13.5	14	.2	1.5	66.7	31.6
			16.5	17	0	1.5	97.9	.6
17	422629092345001	10-28-96	2.0	2.5	34.1	49.0	16.9	0
			4.5	5	14.0	15.0	39.3	31.7
			7.5	8	0.5	2.6	92.8	4.1
			15.5	16	5.1	17.4	76.7	.8
18	423419093172401	04-15-97	1.5	2	13.2	14.9	63.8	8.1
			4.5	5	9.3	14.0	62.0	14.7
			11.5	12	12.4	22.2	50.9	14.5
			1.5	2	4.6	1.4	87.7	6.3
19	423557091560501	11-12-96	1.5	2	15.8	18.6	63.5	2.1
			5.5	6	41.1	56.4	2.5	0
			11.5	12	40.8	59.0	.2	0
			16.5	17	39.9	47.7	12.4	0
20	423639092350901	05-05-97	1.5	2	7.1	12.9	79.6	.4
			6.5	7	1.1	4.5	94.4	0
			15.5	16	.5	2.6	96.8	.1
21	424203092551301	04-15-97	4.5	5	.8	2.4	84.4	12.4
			14.5	15	.7	2.5	85.9	10.9
22	424548092101701	11-13-96	1.5	2	29.4	31.5	39.1	0
			4.5	5	46.4	43.0	10.6	0
			5.5	6	3.6	5.7	90.6	.1
			13.5	14	5.1	5.5	89.4	0
23	425401093135201	11-01-96	2.0	2.5	11.5	7.2	65.5	15.8
			3.5	4	5.1	4.4	57.6	32.9
			7.5	8	0	.6	76.6	22.8
			17.5	18	.2	2.0	70.4	27.4
			19.0	19.5	33.2	35.6	29.3	1.9
24	425756092162401	11-13-96	2.0	2.5	15.2	20.3	53.2	11.3
			4.5	5	3.3	4.9	90.8	1.0
			6.5	7	3.7	3.9	91.9	.5

Table 25. Aquifer-material grain-size distribution from land-use well borehole cuttings, 1996-97—Continued

Map-index number (fig. 2)	Well identification	Date (month-day-year)	Depth to top of sample interval (ft)	Depth to bottom of sample interval (ft)	Clay (%)	Silt (%)	Sand (%)	Gravel (%)
Agricultural land-use wells—Continued								
24	425756092162401	11-13-96	11.5	12	2.8	2.9	94.1	0.2
			12.5	13	12.1	30.3	57.6	0
			15.5	16	4.0	6.1	88.5	1.4
25	430159093403201	11-07-96	2.0	2.5	34.3	29.1	36.6	0
			5.5	6	14.2	24.9	55.0	5.9
			9.5	10	13.1	26.8	56.5	3.6
26	430525093023501	05-05-97	26.5	27	12.2	36.1	50.2	1.5
			1.5	2	3.1	7.3	15.8	73.8
			6.5	7	53.2	25.8	12.7	8.3
27	431222093313301	05-01-97	1.5	2	8.9	13.8	76.9	.4
			6.5	7	3.9	5.6	83.5	7.0
			15.5	16	.7	3.9	91.6	3.8
28	431339093155901	05-01-97	19.5	20	.2	4.1	75.9	19.8
			1.5	2	6.5	3.3	85.1	5.1
			4.5	5	.3	2.1	42.8	54.8
29	432946093161901	10-09-96	11.5	12	1.5	1.8	58.6	38.1
			1.5	2	5.1	15.0	79.9	0
			6.5	7	6.2	34.0	59.8	0
30	433815093000001	07-08-97	10.5	11	13.8	69.0	17.2	0
			19.5	20	16.6	22.7	48.8	11.9
			2.5	3	22.5	23.3	53.0	1.2
31	435221093001901	07-08-97	12.5	13	19.4	22.1	56.5	2.0
			13.5	14	3.4	6.7	80.3	9.6
			2.5	3	11.2	11.1	72.6	5.1
32	412855091421601	08-14-96	7.5	8	3.3	2.7	93.0	1.0
			12.5	13	2.8	3.6	90.8	2.8
			Urban land-use wells					
33	413414091095501	08-06-96	2.0	2.5	1.7	2.6	4.7	91.0
			3.5	4	37.5	44.9	15.2	2.4
			6.5	7	34.7	47.6	17.7	0
34	413823091322301	08-19-96	10.5	11	28.0	47.5	23.9	0.6
			15.5	16	39.0	46.2	14.8	0
			18.5	19	8.5	12.5	79.0	0
35	413414091095501	08-06-96	1.5	2	26.2	66.6	7.2	0
			5.5	6	25.8	69.8	4.4	0
			11.5	12	36.5	60.9	2.6	0
36	413414091095501	08-06-96	13.5	14	32.9	57.4	9.7	0
			19.5	20	4.7	7.9	86.1	1.3
			26.5	27	2.5	4.9	91.9	.7
37	413823091322301	08-19-96	2.0	2.5	31.6	61.5	6.9	0
			3.5	4	31.8	58.0	10.2	0
			5.5	6	14.1	27.1	56.2	2.6
38	413823091322301	08-19-96	9.5	10	.5	2.5	92.0	5.0
			15.5	16	.3	1.6	74.2	23.9

Table 25. Aquifer-material grain-size distribution from land-use well borehole cuttings, 1996-97—Continued

Map-index number (fig. 2)	Well identification	Date (month-day-year)	Depth to top of sample interval (ft)	Depth to bottom of sample interval (ft)	Clay (%)	Silt (%)	Sand (%)	Gravel (%)
Urban land-use wells—Continued								
34	413823091322301	08-19-96	25.5	26	0.2	1.5	77.2	21.1
35	413933091304701	08-09-96	1.5	2	24.7	46.4	28.9	0
			4.5	5	33.6	61.7	4.7	0
			12.5	13	21.1	43.8	35.1	0
			24.5	25	9.1	11.7	79.2	0
			36.5	37	45.5	53.8	.7	0
36	414435090465101	08-05-96	1.5	2	22.8	48.7	16.2	12.3
			4.5	5	40.8	57.8	1.4	0
			9.5	10	30.8	68.7	.5	0
			27.0	27.5	1.4	14.4	79.1	5.1
37	415825091405601	08-13-96	2.0	2.5	12.5	16.2	40.5	30.8
			4.5	5	21.5	26.2	41.2	11.1
			8.5	9	4.8	5.9	89.3	0
			16.5	17	.2	2.0	96.9	.9
38	415827091392401	08-13-96	2.0	2.5	10.3	11.9	77.8	0
			4.5	5	28.4	29.3	42.3	0
			9.5	10	5.3	10.8	83.9	0
			21.5	22	.2	2.0	88.6	9.2
			26.5	27	2.9	3.8	86.1	7.2
39	415850090572201	05-12-97	1.5	2	26.3	31.6	42.1	0
			11.5	12	3.9	4.3	88.9	2.9
			14.5	15	.5	1.5	85.8	12.2
40	420219093361301	08-08-96	2.0	2.5	28.6	37.0	34.4	0
			7.0	7.5	11.7	22.8	65.5	0
			13.0	13.5	.3	2.4	96.5	.8
			27.0	27.5	.1	5.4	83.0	11.5
41	420240092535001	08-07-96	2.5	3	29.8	50.1	16.1	4.0
			6.5	7	31.8	53.1	15.1	0
			9.5	10	27.3	66.3	6.4	0
			16.5	17	12.9	31.2	55.9	0
			29.5	30	8.4	13.3	62.8	15.5
42	420347092541601	08-07-96	2.0	2.5	31.4	52.8	15.8	0
			2.5	3	5.6	9.8	83.0	1.6
			4.5	5	.1	1.5	68.6	29.8
			17.0	17.5	.1	1.6	83.3	15.0
43	420936092005701	08-15-96	2.0	2.5	43.4	51.1	5.5	0
			3.0	3.5	36.8	61.4	1.8	0
			4.5	5	8.8	23.7	67.5	0
			12.0	12.5	8.7	17.1	74.2	0
			15.5	16	14.1	24.3	55.5	6.1
44	421012092020101	08-15-96	2.0	2.5	24.2	51.1	24.7	0
			3.0	3.5	15.5	57.4	27.1	0
			5.5	6	.9	3.8	94.0	1.3

Table 25. Aquifer-material grain-size distribution from land-use well borehole cuttings, 1996-97—Continued

Map-index number (fig. 2)	Well identification	Date (month-day-year)	Depth to top of sample interval (ft)	Depth to bottom of sample interval (ft)	Clay (%)	Silt (%)	Sand (%)	Gravel (%)
Urban land-use wells—Continued								
44	421012092020101	08-15-96	15.5	16	0.2	1.3	97.0	1.5
45	422426092272401	11-11-96	2.5	3	25.8	41.5	32.7	0
			3.5	4	6.4	13.6	72.9	7.1
			14.5	15	5.7	7.2	86.1	1.0
			24.5	25	5.3	7.7	85.3	1.7
			25.5	26	32.3	34.2	32.4	1.1
46	422754092375301	10-31-96	1.5	2	34.4	47.9	17.3	.4
			4.5	5	6.2	5.0	56.5	32.3
			5.5	6	8.7	6.3	67.5	17.5
			10.5	11	5.6	6.7	74.3	13.4
			14.5	15	42.0	27.3	29.5	1.2
47	422913092192501	08-20-96	3.5	4	13.4	34.4	23.6	28.6
			6.5	7	5.7	7.9	65.5	20.9
			14.5	15	21.5	32.3	46.2	0
			19.5	20	4.6	9.2	51.0	35.2
			24.5	25	2.0	3.9	61.1	33.0
48	422918092183901	08-20-96	2.0	2.5	6.8	9.7	69.6	13.9
			3.5	4	17.1	12.9	66.2	3.8
			6.5	7	6.2	5.7	74.6	13.5
			9.5	10	2.0	2.1	70.6	25.3
			12.5	13	3.5	3.6	54.9	38.0
			16.5	17	21.9	16.2	49.7	12.2
49	423018092200901	08-21-96	2.0	2.5	13.4	20.0	66.6	0
			3.5	4	5.7	7.5	68.0	18.8
			4.5	5	.1	1.8	97.6	.5
			9.5	10	.2	1.0	86.9	11.9
50	423459092523701	10-07-96	1.5	2	24.8	37.0	38.2	0
			3.5	4	5.7	4.9	78.2	11.2
			10.5	11	1.4	3.1	66.9	28.6
			19.5	20	1.3	1.6	75.3	21.8
			21.5	22	.8	3.1	80.9	15.2
51	423459092530501	10-08-96	2.5	3	13.6	15.3	62.0	9.1
			4.5	5	26.7	30.3	32.9	10.1
			5.5	6	6.4	7.1	58.5	28.0
			8.5	9	2.6	4.0	67.6	25.8
			11.5	12	1.8	2.7	59.4	36.1
			16.5	17	20.8	13.7	50.6	14.9
52	423930093294901	10-31-96	2.0	2.5	26.2	30.0	39.1	4.7
			4.5	5	9.9	7.2	53.1	29.8
			14.5	15	7.1	3.6	81.3	8.0
			16.5	17	25.9	29.0	39.0	6.1
53	424034091553401	10-10-96	1.5	2	14.9	20.0	60.0	5.1
			3.5	4	5.9	13.8	78.9	1.4
			12.5	13	5.7	14.1	78.1	2.1

Table 25. Aquifer-material grain-size distribution from land-use well borehole cuttings, 1996-97—Continued

Map-index number (fig. 2)	Well identification	Date (month-day-year)	Depth to top of sample interval (ft)	Depth to bottom of sample interval (ft)	Clay (%)	Silt (%)	Sand (%)	Gravel (%)
Urban land-use wells—Continued								
53	424034091553401	10-10-96	16.5	17	7.2	16.5	74.6	1.7
54	424322092283901	05-06-97	1.5	2	19.9	69.9	10.2	0
			3.5	4	7.3	13.7	70.3	8.7
			14.5	15	.1	1.1	92.5	6.3
			20.5	21	.1	1.3	89.5	9.1
55	430414092405801	09-17-96	2.0	2.5	23.0	27.0	47.9	2.1
			4.5	5	3.3	3.6	63.6	29.5
			6.5	7	1.5	1.0	86.7	10.8
			17.5	18	21.9	21.6	47.0	9.5
56	430442092402201	09-17-96	2.0	2.5	8.6	15.0	71.3	5.1
			6.5	7	8.6	12.3	76.5	2.6
57	431438092262201	05-07-97	1.5	2	27.5	41.2	30.2	1.1
			5.5	6	.3	1.4	85.2	13.1
			13.5	14	2.3	3.0	88.5	6.2
58	433855093222401	07-07-97	2.5	3	15.9	28.4	50.6	5.1
			8.5	9	40.3	42.3	16.5	0.9
58	433855093222401	07-07-97	15.5	16	9.4	24.3	51.5	14.8
59	433944092583501	07-08-97	2.5	3	24.0	32.6	42.0	1.4
			7.5	8	8.5	12.9	78.6	0
			13.5	14	7.6	8.8	83.6	0
			16.5	17	38.8	19.0	40.6	1.6
60	434003092575401	07-08-97	2.5	3	15.6	21.4	41.0	22.0
			6.5	7	13.8	16.9	61.3	8.0
			15.5	16	4.1	8.1	75.5	12.3
			16.5	17	21.8	27.6	33.5	17.1
61	434023093214201	07-07-97	2.5	3	25.6	42.9	31.5	0
			6.5	7	12.7	62.9	24.4	0
			13.5	14	30.1	48.0	21.9	0
			17.5	18	21.8	76.8	1.4	0