

Table 3.--Selected logs of wells and test holes in Lake County--Continued

Well 36/7W-16L1

Type of record: Driller's log.

Altitude: 600 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Muck, sandy-----	1	1	
Sand, muddy, dark gray, with wood and vegetation-----	26	27	
Sand, very fine, muddy, gray, and clay-----	17	44	
Clay, sticky, gray-----	56	100	
Clay, gravelly, blue-----	2	102	
Clay, sticky, gray-blue-----	13	115	
Clay, gravelly, blue-----	22	137	
Gravel, small, blue, with shale-	1	138	
Clay, gravelly, blue-----	2	140	
Clay, gravelly, with shale-----	10	150	

Well 36/7W-16L2

Type of record: Driller's log.

Altitude: 600 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, sandy-----	9	9	
Sand, brown-----	35	44	
Sand, fine, silty, gray-----	20	64	
Clay-----	36	100	

Well 36/7W-16M1

Type of record: Driller's log.

Altitude: 600 feet.

Quaternary system:			
Recent and Pleistocene series:			
Soil and clay-----	5	5	
Muck-----	23	28	
Sand, medium-----	16	44	

Well 36/7W-16M2

Type of record: Driller's log.

Altitude: 600 feet.

Quaternary system:			
Recent and Pleistocene series:			
Soil-----	2	2	
Muck-----	3	5	
Sand-----	4	9	
Muck-----	20	29	
Sand, fine, muddy-----	6	35	
Sand, fine-----	5	40	
Sand, medium-----	11	51	
Clay-----	2	53	

Table 3.--Selected logs of wells and test holes in Lake County--Continued

Well 36/7W-16N1

Type of record: Driller's log. Altitude: 600 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Soil, sandy-----	5	5	
Sand-----	10	15	
Clay, sandy-----	3	18	
Sand, silty-----	12	30	
Clay-----	5	35	
Sand-----	13	48	
Sand and clay strips-----	4	52	
Clay-----	26	78	

Well 36/7W-16P1

Type of record: Driller's log. Altitude: 630 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	1	1	
Clay, yellow-----	5	6	
Sand, dirty, yellow-----	34	40	
Sand, yellow-----	10	50	
Sand, gray-----	10	60	
Sand, yellow-----	10	70	
Sand, gray-----	15	85	Blue clay at 85 feet.

Well 36/7W-16Q1

Type of record: Driller's log. Altitude: 635 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, red-----	5	5	
Clay, sandy, red-----	5	10	
Sand, fine, muddy, red-----	28	38	
Sand, medium, dirty, red-----	11	49	
Sand, fine, gray-----	6	55	
Sand, medium, gray, with few pebbles-----	7	62	
Sand, fine, gray-----	6	68	
Sand, very fine, muddy, gray---	6	74	
Clay, sticky, gray-----	12	86	

Well 36/7W-16Q5

Type of record: Driller's log. Altitude: 635 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	1	1	
Clay, sandy, yellow, and muddy sand-----	41	42	

Table 3.--Selected logs of wells and test holes in Lake County--Continued

Well 36/7W-16Q5--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, fine, dirty, red-----	5	47	
Sand, gray-----	3	50	
Sand, fine, gray-----	10	60	
Sand, medium, gray-----	10	70	
Clay, gray-----	25	95	

Well 36/7W-16R1

Type of record: Driller's log.		Altitude: 635 feet.	
Quaternary system:			
Recent and Pleistocene series:			
Sand, yellow-----	40	40	
Sand, gray-----	30	70	Blue clay at 70 feet.

Well 36/7W-17J1

Type of record: Driller's log.		Altitude: 600 feet.	
Quaternary system:			
Recent and Pleistocene series:			
Muck-----	10	10	
Sand, fine-----	4	14	
Muck-----	26	40	
Sand, fine-----	5	45	
Sand, medium-----	5	50	Clay at 50 feet.

Well 36/7W-17J2

Type of record: Driller's log.		Altitude: 600 feet.	
Quaternary system:			
Recent and Pleistocene series:			
Soil-----	4	4	
Muck-----	28	32	
Sand, fine, dirty-----	6	38	
Sand, fine-----	4	42	
Sand, medium-----	3	45	
Gravel-----	3	48	Clay at 48 feet.

Well 36/7W-17J3

Type of record: Driller's log.		Altitude: 600 feet.	
Quaternary system:			
Recent and Pleistocene series:			
Soil-----	2	2	
Muck-----	6	8	
Sand-----	4	12	
Muck-----	11	23	
Sand-----	24	47	Clay at 47 feet.

Table 3.--Selected logs of wells and test holes in Lake County--Continued

Well 36/7W-17J4

Type of record: Driller's log.

Altitude: 600 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Soil-----	4	4	
Muck-----	32	36	
Sand, very fine, muddy-----	11	47	
Sand, coarse, gray-----	5	52	

Well 36/7W-17J5

Type of record: Driller's log.

Altitude: 600 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Soil-----	3	3	
Clay and muck-----	3	6	
Muck-----	23	29	
Sand, very fine-----	6	35	
Muck-----	12	47	
Sand, medium, and gravel-----	3	50	Clay at 50 feet.

Well 36/7W-17K1

Type of record: Driller's log.

Altitude: 600 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Muck and soil-----	4	4	
Muck-----	27	31	
Sand-----	4	35	
Sand, mucky-----	5	40	
Sand, fine-----	6	46	
Sand, medium-----	2	48	
Sand, fine-----	2	50	Clay at 50 feet.

Well 36/7W-17K2

Type of record: Driller's log.

Altitude: 600 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Muck, black-----	10	10	
Muck, gray-----	23	33	
Sand, fine, very muddy-----	5	38	
Sand, fine-----	5	43	
Sand, fine, muddy-----	3	46	
Sand, coarse-----	4	50	Soft clay at 50 feet.

Table 3.--Selected logs of wells and test holes in Lake County--Continued

Well 36/7W-17K3

Type of record: Driller's log.

Altitude: 600 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Soil and muck-----	4	4	
Muck-----	6	10	
Muck, gray-----	21	31	
Clay, soft-----	9	40	
Sand, fine, with trace of gravel	10	50	
Clay, soft-----	8	58	

Well 36/7W-17M1

Type of record: Driller's log.

Altitude: 610 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, fine, red-----	19	19	
Sand, fine, gray, and silt-----	4	23	
Clay, soft-----	1	24	
Sand, gray, and silt-----	19	43	
Clay-----	2	45	
Sand, fine, gray-----	16	61	
Clay-----	1	62	
Sand and silt-----	6	68	
Clay-----	4	72	
Sand, fine-----	5	77	
Sand, fine, and clay-----	13	90	
Clay-----	14	104	
Sand, fine-----	3	107	
Clay, soft-----	19	126	
Gravel and clay-----	4	130	
Clay, hard-----	8	138	

Well 36/7W-17R1

Type of record: Driller's log.

Altitude: 600 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Soil-----	4	4	
Muck, clayey-----	39	43	
Sand, fine-----	5	48	
Sand with some gravel-----	3	51	
Clay-----	1	52	

Well 36/7W-18E1

Type of record: Driller's log.

Altitude: 595 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	2	2	

Table 3.--Selected logs of wells and test holes in Lake County--Continued

Well 36/7W-18E1--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand-----	5	7	
Clay-----	33	40	
Sand-----	2	42	
Clay, hard-----	18	60	
Quicksand-----	20	80	
Sand and clay-----	10	90	
Clay-----	30	120	
Gravel-----	31	151	
Lime-----	1	152	Boulder?.
Gravel-----	9	161	
Gravel and sand-----	6	167	
Silurian system:			
Middle Silurian series:			
Lime-----	51	218	Dolomite or dolomitic limestone.

Well 36/7W-18E2

Type of record: Driller's log.

Altitude: 594 feet.

Quaternary system:			
Recent and Pleistocene series:			
Loam and sand-----	6	6	
Sand, gray-----	16	22	
Clay, gray-----	23	45	

Well 36/7W-18G1

Type of record: Driller's log.

Altitude: 595 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	2	2	
Quicksand-----	63	65	
Clay, blue-----	5	70	
Clay and sand-----	30	100	
Gravel, small, and sand-----	45	145	
Silurian system:			
Middle Silurian series:			
Limestone-----	6	151	Dolomite or dolomitic limestone.

Well 36/7W-18L1

Type of record: Driller's log from memory.

Altitude: 600 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, yellow-----	8	8	
Clay, blue-----	22	30	

Table 3.--Selected logs of wells and test holes in Lake County--Continued

Well 36/7W-18L1--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Silt-----	42	72	

Well 36/7W-18Q1

Type of record: Driller's log. Altitude: 610 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, yellow-----	19	19	
Clay-----	6	25	
Sand, fine, muddy-----	5	30	
Sand, fine-----	23	53	
Clay-----	47	100	

Well 36/7W-19B1

Type of record: Driller's log. Altitude: 630 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, brown-----	22	22	
Clay, sandy-----	27	49	
Silt, fine-----	23	72	
Clay-----	29	101	

Well 36/7W-19E1

Type of record: Driller's log. Altitude: 620 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, brown-----	16	16	
Sand, gray-----	5	21	
Clay, gray-----	33	54	
Quicksand-----	25	79	
Clay-----	16	95	
Quicksand-----	17	112	
Clay, blue-----	86	198	
Devonian system:			
Upper Devonian series:			
Shale-----	98	296	

Well 36/7W-19F1

Type of record: Driller's log. Altitude: 630 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, yellow-----	30	30	
Clay, blue-----	14	44	
Quicksand, gray-----	5	49	

Table 3.--Selected logs of wells and test holes in Lake County--Continued

Well 36/7W-19F1--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, soft, blue-----	5	54	
Quicksand, gray-----	1	55	

Well 36/7W-19F2

Type of record: Driller's log. Altitude: 630 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, brown-----	17	17	
Sand, gray-----	6	23	
Clay, blue-----	30	53	
Quicksand-----	20	73	
Clay, blue-----	14	87	

Well 36/7W-19H1

Type of record: Driller's log. Altitude: 640 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	2	2	
Sand, muddy-----	1	3	
Clay, yellow-----	5	8	
Clay, gray-----	41	49	
Quicksand, muddy-----	44	93	
Clay, blue-----	7	100	

Well 36/7W-19M1

Type of record: Driller's log. Altitude: 630 feet.

Quaternary system:			
Recent and Pleistocene series:			
Muck-----	1	1	
Sand-----	1	2	
Muck-----	2	4	
Sand, fine-----	10	14	
Clay, gray-----	46	60	
Quicksand-----	1	61	

Well 36/7W-20N1

Type of record: Driller's log. Altitude: 600 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	1	1	
Marl, clayey, yellow-----	5	6	
Sand, muddy, yellow-----	23	29	
Clay, sandy, gray-----	41	70	



Table 3.--Selected logs of wells and test holes in Lake County--Continued

Well 36/7W-20N1--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay-----	12	82	
Clay, gray-----	13	95	

Well 36/7W-20R1

Type of record: Driller's log. Altitude: 620 feet.

Quaternary system:			
Recent and Pleistocene series:			
Dirt, black, and yellow clay----	7	7	
Sand, yellow-----	14	21	
Sand, dirty, white-----	14	35	
Sand-----	6	41	

Well 36/7W-21A1

Type of record: Driller's log from memory. Altitude: 630 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, yellow-----	28	28	
Clay, blue-----	7	35	
Sand, fine to coarse-----	19	54	

Well 36/7W-21B1

Type of record: Driller's log. Altitude: 635 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand-----	7	7	
Clay, sandy-----	13	20	
Sand, dirty, brown-----	20	40	
Sand-----	40	80	
Mud-----	2	82	

Well 36/7W-21B2

Type of record: Driller's log. Altitude: 640 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, yellow-----	7	7	
Clay, sandy, yellow-----	10	17	
Sand, muddy, yellow-----	11	28	
Sand, fine, yellow-----	12	40	
Sand, fine, gray-----	2	42	
Sand, fine, gray-----	8	50	
Sand, muddy, gray-----	18	68	

Table 3.--Selected logs of wells and test holes in Lake County--Continued

Well 36/7W-21C1

Type of record: Driller's log.

Altitude: 630 feet.

Material	Thick-ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand-----	4	4	
Clay, sandy-----	11	15	
Sand, muddy, brown-----	20	35	
Sand, brown-----	13	48	
Sand, gray-----	16	64	Clay at 64 feet.

Well 36/7W-21C2

Type of record: Driller's log.

Altitude: 630 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand-----	4	4	
Clay, sandy-----	26	30	
Sand-----	20	50	
Sand, muddy-----	8	58	
Sand, fine-----	8	66	
Sand, muddy-----	2	68	

Well 36/7W-21C4

Type of record: Driller's log.

Altitude: 630 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil and sand-----	4	4	
Clay, sandy-----	23	27	
Sand, brown-----	21	48	
Sand, gray-----	16	64	Clay at 64 feet.

Well 36/7W-21C10

Type of record: Driller's log.

Altitude: 630 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay-----	10	10	
Sand, muddy-----	20	30	
Sand, medium, yellow-----	20	50	
Sand, medium, gray-----	9	59	
Clay-----	2	61	

Well 36/7W-21C11

Type of record: Driller's log.

Altitude: 630 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand-----	4	4	
Clay-----	4	8	

Table 3.--Selected logs of wells and test holes in Lake County--Continued

Well 36/7W-21C11--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, muddy-----	32	40	
Sand, medium-----	18	58	
Sand, gray-----	8	66	

Well 36/7W-21C14

Type of record: Driller's log. Altitude: 630 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil and sand-----	3	3	
Clay, sandy, or marl-----	12	15	
Sand, fine, red-----	30	45	
Sand, fine, gray-----	10	55	
Sand, very fine, dirty, gray-----	5	60	

Well 36/7W-21Di

Type of record: Driller's log. Altitude: 600 feet.

Quaternary system:			
Recent and Pleistocene series:			
Soil-----	4	4	
Marl-----	2	6	
Muck-----	24	30	
Sand, fine, muddy-----	5	35	
Sand, fine-----	5	40	
Sand, fine, with some gravel-----	2	42	
Sand, medium-----	4	46	Seemed muddy.
Clay-----	2	48	

Well 36/7W-21G1

Type of record: Driller's log. Altitude: 625 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	1	1	
Clay, sandy, yellow-----	3	4	
Sand, yellow-----	8	12	
Clay, sandy, gray-----	18	30	
Sand, fine, gray-----	7	37	
Clay, soft, sandy-----	20	57	

Well 36/7W-21H1

Type of record: Driller's log. Altitude: 620 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	1	1	

Table 3.--Selected logs of wells and test holes in Lake County--Continued

Well 36/7W-21H1--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, sandy, yellow-----	9	10	
Clay, sandy, gray-----	21	31	
Sand, fine, muddy, gray-----	27	58	
Clay, gray-----	34	92	
Shale, hard, gray-----	3	95	Clay.

Well 36/7W-28P1

Type of record: Driller's log.		Altitude: 624 feet.	
Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow, and fine brown sand	20	20	
Sand, fine, gray-----	3	23	
Sand, medium, gray-----	6	29	

Well 36/7W-29N1

Type of record: Driller's log.		Altitude: 620 feet.	
Quaternary system:			
Recent and Pleistocene series:			
Silt, calcareous, yellow-----	10	10	
Silt, blue-----	50	60	
Till, hard, stone, blue-----	97	157	
Silurian system:			
Middle Silurian series:			
Rock, hard-----	3	160	Dolomite or dolomitic limestone.

Well 36/8W-2F1

Type of record: Driller's log.		Altitude: 597 feet.	
Quaternary system:			
Recent and Pleistocene series:			
Top soil and sandy loam-----	1	1	
Sand, fine to medium, brown-----	7	8	
Sand, fine to medium, gray-----	24	32	
Sand, fine, gray, with trace of gray silt-----	6	38	
Clay, soft to very soft, gray---	50	88	
Clay, medium stiff, gray, with few shale pieces-----	25	113	
Clay, stiff to very stiff, gray-	10	123	
Clay, hard, silty to clayey silt	10	133	
Silt, very hard, clayey, gray, with shale pieces-----	3	136	

Table 3.--Selected logs of wells and test holes in Lake County--Continued

Well 36/8W-2K2

Type of record: Driller's log.

Altitude: 606 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, fine to medium, brown-----	17	17	
Sand, fine to coarse, gray-----	21	38	
Sand, fine, gray-----	8	46	
Clay, stiff, soft, gray, with some shale fragments-----	50	96	
Clay, stiff, gray, with some small shale fragments-----	34	130	
Clay, hard, silty, gray-----	49	179	
Silurian system:			
Middle Silurian series:			
Limestone, fractured-----	2	181	Dolomite or dolomitic limestone.

Well 36/8W-2K4

Type of record: Driller's log.

Altitude: 604 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, fine to medium, brown-----	3	3	
Peat-----	1	4	
Sand, fine to medium, brown-----	9	13	
Sand, fine to medium, gray-----	25	38	
Sand, fine, gray, with trace of silt-----	4	42	
Clay, medium stiff, brown and gray-----	10	52	
Clay, soft, gray-----	3	55	

Well 36/8W-2L1

Type of record: Driller's log.

Altitude: 606 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, fine to medium, medium- dense, loose, brown, unstratified-----	21	21	
Sand, fine to medium, dense to very dense, gray, with trace of fine gravel-----	20	41	
Sand, fine, gray, with trace of silt-----	7	48	
Clay, very soft, gray-----	25	73	
Clay, medium to soft, gray, with some shale fragments-----	9	82	
Clay, very soft, gray, with trace of shale pieces-----	14	96	

Table 3.--Selected logs of wells and test holes in Lake County--Continued

## Well 36/8W-2L1--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, medium, gray, with shale fragments-----	22	118	
Clay, stiff, gray, with shale fragments-----	20	138	
Silt, very hard, gray-----	4	142	

## Well 36/8W-2L2

Type of record: Driller's log.

Altitude: 599 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, fine to medium, light- brown-----	13	13	
Sand, fine to medium, gray, stratified with layers of coarse sand and shell fragments-----	27	40	
Clay, gray and brown, with trace of rock-----	2	42	
Clay, soft, silty, gray, with trace of rock-----	24	66	
Clay, silty, gray, with trace of rock-----	10	76	

## Well 36/8W-2Q1

Type of record: Driller's log.

Altitude: 604 feet.

Quaternary system:			
Recent and Pleistocene series:			
Loam, sandy-----	1	1	
Sand, fine to medium, brown-----	13	14	
Sand, fine to medium, gray-----	19	33	
Sand, fine, silty, gray-----	9	42	
Clay, very stiff, brown and gray	6	48	
Clay, medium, gray-----	10	58	
Clay, soft, gray-----	28	86	
Clay, stiff, gray, with some silt and trace of shale pieces	29	115	
Silt, stiff, clayey, gray-----	4	119	
Clay, stiff, silty, brown and gray, with shale pieces-----	14	133	
Clay, hard, silty, gray, with many shale pieces-----	8	141	Plastic when wet.

Table 3.--Selected logs of wells and test holes in Lake County--Continued

Well 36/8W-2Q4

Type of record: Driller's log.

Altitude: 604 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Loam, sandy-----	4	4	
Peat-----	1	5	
Sand, fine to medium, brown-----	17	22	
Sand, fine to medium, gray-----	15	37	
Sand, fine, gray-----	4	41	
Clay, stiff, brown to gray, with few gravel-----	5	46	
Clay, medium, silty, gray, with some gravel-----	5	51	
Clay, soft, gray-----	19	70	
Silt, clayey-----	1	71	
Clay, soft, gray, with some gravel-----	27	98	
Clay, stiff, silty, gray, with some gravel-----	29	127	
Clay, hard, silty, gray-----	9	136	

Well 36/8W-2Q6

Type of record: Driller's log.

Altitude: 602 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Top soil, organic, black-----	1	1	
Sand, fine to medium, gray-----	29	30	
Sand, organic matter, dark- gray, with peat-----	1	31	
Sand, medium to coarse, organic, with silt and gravel-----	7	38	
Clay, stiff, gray, with trace of silt and shale-----	10	48	
Clay, medium, gray-----	3	52	

Well 36/8W-2Q8

Type of record: Driller's log.

Altitude: 601 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Loam, sandy, black-----	3	3	
Sand, fine to medium, brown and gray, with trace of shale pieces-----	16	19	
Sand, fine to medium, gray, with few small to medium gravel----	9	28	
Sand, fine to coarse, gray, with some small to medium gravel---	5	33	

Table 3.--Selected logs of wells and test holes in Lake County--Continued

Well 36/8W-2Q8--Continued			
Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, fine, silty, gray-----	8	41	Layer of decayed wood, 1-inch thick.
Clay, soft, gray, with decayed vegetable matter-----	6	47	
Clay, very stiff, brown and gray, with trace of shale pieces-----	5	52	

Well 36/8W-3E2			
Type of record: Driller's log.		Altitude: 596 feet.	
Quaternary system:			
Recent and Pleistocene series:			
Asphalt-----	1	1	
Spoil-----	3	4	
Sand, brown, with cinder pieces-	10	14	
Sand, fine, medium-dense, brown, with shell fragments and trace of gravel-----	12	26	
Sand, fine, dense, gray, with shell, gravel fragments, and coarse sand-----	9	35	
Sand, fine to coarse, very dense gray, with gravel and shale fragments-----	9	44	
Clay, soft, gray, with shale pockets-----	7	51	
Clay, gray, with some shale and gravel-----	27	78	
Clay, medium to very stiff, gray, with shale-----	38	116	
Clay, hard, silty, gray-----	15	131	
Silurian system:			
Middle Silurian series:			
Limestone, with small cavities--	11	142	Dolomite or dolomitic limestone.

Well 36/8W-3E9			
Type of record: Driller's log.		Altitude: 600 feet.	
Quaternary system:			
Recent and Pleistocene series:			
Loam, sandy-----	1	1	
Sand, fine to medium, brown-----	7	8	
Sand, fine to medium, gray-----	36	44	
Clay, soft, medium, silty, gray-	40	84	



Table 3.--Selected logs of wells and test holes in Lake County--Continued

Well 36/8W-3E9--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, very stiff, silty, gray, with trace of coarse sand-----	29	113	
Clay, stiff, silty, gray, with trace of sand and fine gravel-	10	123	
Silt, hard, clayey, gray, with some fine gravel, coarse sand, and shale fragments-----	17	140	

Well 36/8W-3F2

Type of record: Driller's log.

Altitude: 602 feet.

Quaternary system:			
Recent and Pleistocene series:			
Cinder fill with chunks of coal-	2	2	
Sand, fine to medium, brown-----	19	21	
Sand, fine to medium, stiff, brown, layer of coarse sand---	3	24	
Sand, fine to medium, stiff, gray, with coarse sand, fine gravel, and trace of shells---	26	50	
Clay, soft, gray, with trace of shale fragments-----	12	62	

Well 36/8W-3F3

Type of record: Driller's log.

Altitude: 601 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil and cinder fill-----	2	2	
Sand, fine to medium, brown-----	19	21	
Sand, fine to medium, gray, with lenses of coarse sand and fine gravel; trace of silt	27	48	
Clay, soft to very soft, gray---	15	63	
Clay, soft to medium, gray, with trace of shale fragments-	20	83	
Clay, medium, gray, layer of green-gray, gravelly, clayey, coarse sand-----	10	93	
Clay, stiff, gray, with trace of shale fragments-----	15	108	
Clay, medium, gray, with trace of shale pieces-----	14	122	
Silt, hard, clayey, gray, with coarse sand and gravel-----	13	135	

Table 3.--Selected logs of wells and test holes in Lake County--Continued

Well 36/8W-3F3--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Silurian system: Middle Silurian series: Limestone, light-tan-----	1	136	Dolomite or dolomitic limestone.

Well 36/8W-3F5

Type of record: Driller's log. Altitude: 602 feet.

Quaternary system:			
Recent and Pleistocene series:			
Fill-----	2	2	
Fill, sandy, brown, with some cinders-----	5	7	
Sand, fine to medium, brown----	16	23	
Sand, fine to medium, stiff, gray-----	27	50	
Clay, medium to soft, gray, with trace of shale fragments-----	37	87	
Clay, stiff to very stiff, gray, with trace of shale fragments-	21	108	
Clay, soft, gray, with trace of shale pieces-----	5	113	
Clay, stiff to very stiff, gray, with sand and fine gravel----	14	127	
Clay, hard, silty, gray, with trace of sand and fine gravel-	9	136	

Well 36/8W-3G1

Type of record: Driller's log. Altitude: 600 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	1	1	
Sand, fine to medium, brown----	21	22	
Sand, fine to medium, gray, with layers of coarse sand and trace of shell fragments--	20	42	
Sand, fine, silty, gray-----	6	48	
Clay, soft to medium, gray, with trace of shale fragments-----	37	85	
Gravel, fine to coarse, sandy, gray, with some small pebbles-	1	86	
Clay, medium-stiff, gray, with shale fragments-----	32	118	
Clay, very hard, very stiff, silty, gray, and some shale fragments-----	13	131	

Table 3.--Selected logs of wells and test holes in Lake County--Continued

Well 36/8W-3G3

Type of record: Driller's log.

Altitude: 597 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, fine to medium, brown-----	14	14	
Sand, fine to medium, brown, with seam of fine gravel and coarse sand-----	4	18	
Sand, fine to medium, stiff, gray, with coarse sand and fine gravel-----	26	44	
Clay, very soft, gray, with shale fragments-----	19	63	
Clay, soft, medium, gray, with shale fragments-----	15	78	
Clay, medium, gray, with shale fragments-----	10	88	
Clay, stiff to very stiff, gray, with shale fragments-----	29	117	
Clay, hard, silty, gray, with shale fragments-----	12	129	
Silurian system:			
Middle Silurian series:			
Limestone, fractured-----	1	130	Dolomite or dolomitic limestone.

Well 36/8W-3H1

Type of record: Driller's log.

Altitude: 596 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil, sandy, black-----	1	1	
Sand, fine to medium, brown-----	15	16	
Sand, fine to medium, gray, with lenses of coarse sand and gravel-----	16	32	
Sand, fine, gray-----	8	40	
Sand, fine to coarse, gray, with shale fragments and fine gravel-----	1	41	
Clay, medium to very soft, gray, with trace of shale fragments-	11	52	

Well 36/8W-3N1

Type of record: Driller's log.

Altitude: 600 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand-----	43	43	
Mud, blue, with boulders and sand	83	126	

Table 3.--Selected logs of wells and test holes in Lake County--Continued

Well 36/8W-3N1--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Silurian system: Middle Silurian series: Limestone-----	514	640	Dolomite or dolomitic limestone.
Ordovician system: Upper Ordovician series: Shale-----	3	643	

Well 36/8W-3N2

Type of record: Driller's log. Altitude: 600 feet.

Quaternary system: Recent and Pleistocene series:			
Sand, fine-----	9	9	
Quicksand-----	7	16	
Quicksand and clay-----	2	18	
Sand, fine-----	7	25	
Sand, fine, and clay-----	5	30	

Well 36/8W-4B1

Type of record: Driller's log. Altitude: 590 feet.

Quaternary system: Recent and Pleistocene series:			
Sand, fine-----	42	42	
Clay, soft to stiff, gray-----	69	111	
Hardpan-----	10	121	Bedrock at 121 feet.

Well 36/8W-4C3

Type of record: Driller's log. Altitude: 589 feet.

Quaternary system: Recent and Pleistocene series:			
Fill; slag and brown sand-----	4	4	
Sand, silty, organic, gray, with trace of shell fragments-	22	26	
Sand, fine, gray, with some coarse sand and gravel-----	18	44	
Clay, soft to medium, gray, with trace of sandy small gravel---	30	74	
Clay, medium to stiff, with trace of sand and fine gravel-	35	109	
Clay, hard, silty, gray, with trace of sand and some gravel-	7	116	

Table 3.--Selected logs of wells and test holes in Lake County--Continued

Well 36/8W-4C4

Type of record: Driller's log. Altitude: 585 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Peat and organic silty sand-----	8	8	
Sand, fine to medium, brown-----	15	23	
Sand, fine, silty, gray, with trace of shells and gravel----	16	39	
Clay, soft to medium, silty, gray, with some small gravel--	25	64	
Clay, stiff, silty, gray, with some gravel-----	43	107	
Sand, fine, hard, gray, and silty clay; few small gravel--	10	117	

Well 36/8W-4C5

Type of record: Driller's log. Altitude: 599 feet.

Quaternary system:			
Recent and Pleistocene series:			
Fill; brown, fine to medium sand	17	17	
Sand, medium, organic, brown, with layers of peat and shell pieces-----	7	24	
Sand, fine to medium, brown, with trace of shell fragments-	17	41	
Sand, fine to medium, gray-----	11	52	
Clay, medium, silty, gray-----	31	83	
Clay, stiff, silty, gray, with some sand and gravel-----	15	98	
Clay, soft to medium, silty-----	10	108	
Clay, stiff, gray, with some sand and fine gravel-----	11	119	
Clay, hard, silty, gray, with some sand and fine gravel-----	8	127	

Well 36/8W-4D1

Type of record: Driller's log. Altitude: 590 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil and fill-----	2	2	
Fill; very soft, muddy, organic, with sand, gravel, and slag---	14	16	
Sand, fine to medium, gray-----	7	23	
Sand, fine, gray-----	17	40	
Clay, soft, medium, gray, with few gravel-----	13	53	

Table 3.--Selected logs of wells and test holes in Lake County--Continued

Well 36/8W-4D1--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, stiff, silty, gray, with trace of fine gravel and rock fragments-----	49	102	
Clay, hard, silty, gray, with trace of gravel-----	14	116	

Well 36/8W-4G1

Type of record: Driller's log.			Altitude: 600 feet.
Quaternary system:			
Recent and Pleistocene series:			
Sand, fine-----	36	36	
Sand and gravel-----	11	47	
Clay, soft, gray-----	71	118	
Hardpan-----	8	126	Bedrock at 126 feet.

Well 36/8W-4H1

Type of record: Driller's log.			Altitude: 599 feet.
Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	1	1	
Sand, fine to medium, brown----	17	18	
Sand, fine to medium, gray, with scattered lenses of coarse sand, gravel, and shells-----	17	35	
Sand, fine, silty, gray-----	13	48	
Clay, soft to very soft, gray---	10	58	
Clay, medium, gray, with trace of shale fragments-----	30	88	
Clay, stiff, gray, with trace of shale fragments-----	33	121	

Well 36/8W-4K1

Type of record: Driller's log.			Altitude: 600 feet.
Quaternary system:			
Recent and Pleistocene series:			
Sand, fine-----	39	39	
Clay, soft to very stiff-----	48	87	
Sand and gravel-----	2	89	
Clay, tough, very stiff-----	11	100	
Hardpan-----	2	102	
Clay, very stiff-----	17	119	
Hardpan-----	8	127	Bedrock at 127 feet.

Table 3.--Selected logs of wells and test holes in Lake County--Continued

Well 36/8W-4K2

Type of record: Driller's log.

Altitude: 600 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Muck-----	2	2	
Sand, fine-----	20	22	
Sand and gravel-----	4	26	
Sand, fine-----	13	39	
Clay, soft and stiff, gray-----	71	110	
Hardpan-----	8	118	Bedrock at 118 feet.

Well 36/8W-6A1

Type of record: Driller's log.

Altitude: 590 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, yellow-----	9	9	
Sand, medium, gray-----	8	17	
Sand, fine, gray-----	5	22	
Sand, very fine, gray-----	14	36	
Clay-----	39	75	

Well 36/8W-6C2

Type of record: Driller's log.

Altitude: 592 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, fine to medium, light-brown-----	18	18	
Sand, fine to medium, gray-----	27	45	
Clay, soft to medium-stiff, gray, with trace of rock fragments-----	37	82	
Clay, hard, gray, with trace of silt and rock fragments-----	5	87	

Well 36/8W-6C5

Type of record: Driller's log.

Altitude: 593 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, fine, brown-----	15	15	
Sand, fine to medium, brown, with trace of shell fragments-----	4	19	
Sand, fine to medium, gray, with trace of shell fragments-----	14	33	
Sand, fine, gray, with trace of silt and rock fragments-----	10	43	
Clay, soft, gray, with trace of rock fragments-----	13	56	

Table 3.--Selected logs of wells and test holes in Lake County--Continued

Well 36/8W-6C5--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system: Recent and Pleistocene series: Clay, stiff, gray, with trace of rock fragments-----	6	62	

Well 36/8W-6D2

Type of record: Driller's log.

Altitude: 576 feet.

Water-----	6	6	
Quaternary system: Recent and Pleistocene series: Muck, organic, fibrous, and silty organic sand-----	8	14	
Sand, fine, gray, with trace of rock fragments, small gravel, and shells-----	20	34	
Clay, soft, medium, gray, with trace of rock fragments-----	20	54	
Clay, stiff, gray, with trace of rock fragments and small gravel-----	6	60	

Well 36/8W-6D3

Type of record: Driller's log.

Altitude: 589 feet.

Quaternary system: Recent and Pleistocene series: Fill; gypsum, brick, and sand; trace of organic material-----	12	12	
Silt, organic, with root matter and some mill waste-----	7	19	
Sand, fine, gray-----	20	39	
Clay, gray-----	3	42	

Well 36/8W-6D4

Type of record: Driller's log.

Altitude: 576 feet.

Water-----	7	7	
Quaternary system: Recent and Pleistocene series: Silt, organic, and sand-----	10	17	
Sand, fine, brown-----	12	29	
Sand, medium to coarse, brown, and fine gravel-----	4	33	
Clay, soft, silty, gray-----	4	37	
Clay, medium, silty, gray-----	12	49	
Clay, stiff, silty, gray-----	7	56	



Table 3.--Selected logs of wells and test holes in Lake County--Continued

Well 36/8W-6H1

Type of record: Driller's log. Altitude: 590 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, yellow-----	15	15	
Sand, medium, gray-----	6	21	
Sand, fine, gray-----	5	26	
Sand, very fine, gray-----	10	36	

Well 36/8W-9E3

Type of record: Driller's log. Altitude: 600 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Soil, sandy, coarse-----	10	10	
Gravel, fine-----	4	14	
Sand, coarse-----	9	23	
Sand, fine-----	13	36	
Clay-----	6	42	

Well 36/8W-9H1

Type of record: Driller's log. Altitude: 600 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, very fine, dolomitic, gray	34	34	
Clay, very dolomitic, gray-----	78	112	
Devonian system:			
Middle Devonian? series:			
Dolomite, gray, brown, and black	11	123	
Dolomite, gray, brown, and black	10	133	
Silurian system:			
Middle Silurian series:			
Limestone, dolomitic, light- gray to brown and black-----	17	150	
Dolomite, gray-----	5	155	
Shale, dolomitic, blue-gray-----	3	158	
Dolomite, hard and soft layers, light-gray to white-----	124	282	
Dolomite, light-gray-----	18	300	
Dolomite, light-gray to white---	20	320	
Dolomite, white-----	15	335	
Dolomite, hard and soft layers, white and light-gray-----	52	387	
Dolomite, hard and soft layers, white and light-gray-----	120	507	
Dolomite, light-gray to light- brown, with shale layers-----	43	550	

Table 3.--Selected logs of wells and test holes in Lake County--Continued

Well 36/8W-10D1

Type of record: Driller's log.

Altitude: 600 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Fill dirt-----	4	4	
Sand, fine-----	24	28	
Clay with little sand-----	12	40	
Clay, silty-----	48	88	

Well 36/8W-11B1

Type of record: Driller's log.

Altitude: 602 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, fine to medium, brown----	22	22	
Sand, fine to coarse, gray----	10	32	
Sand, fine, gray, with layers of peat and decayed wood-----	15	47	
Clay, soft, silty, organic, gray	16	63	
Clay, stiff, gray-----	49	112	
Clay, hard, very stiff, brown, with trace of gravel-----	19	131	

Well 36/8W-11B3

Type of record: Driller's log.

Altitude: 602 feet.

Quaternary system:			
Recent and Pleistocene series:			
Loam, sandy, organic matter, black-----	2	2	
Sand, fine, gray-----	11	13	
Sand, fine to coarse, gray, stratified-----	24	37	
Sand, fine to medium, gray, with layers of brown peat-----	7	44	
Clay, soft, highly organic, gray, varved-----	10	54	
Sand, coarse, silty, clayey, gray, with fine gravel and shale fragments-----	12	66	

Well 36/8W-11G1

Type of record: Driller's log.

Altitude: 629 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, fine to medium, brown----	31	31	
Sand, fine to medium, gray, with layers of coarse sand and trace of shells-----	28	59	

Table 3.--Selected logs of wells and test holes in Lake County--Continued

Well 36/8W-11G1--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, stiff to medium, silty, sandy, gray, with some shale fragments-----	81	140	
Clay, hard, silty, gray, with some shale fragments-----	7	147	

Well 36/8W-11G2

Type of record: Driller's log. Altitude: 618 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil, sandy-----	1	1	
Sand, fine to medium, brown-----	22	23	
Gravel, fine to medium, brown, and gray sand-----	26	49	
Clay, organic, black, with de- cayed vegetable matter-----	1	50	
Clay, blue, gray-----	4	54	
Clay, hard, brown and gray-----	8	62	

Well 36/8W-11G4

Type of record: Driller's log. Altitude: 607 feet.

Quaternary system:			
Recent and Pleistocene series:			
Fill; fine to medium sand-----	2	2	
Peat-----	2	4	
Sand, fine to medium, brown-----	5	9	
Sand, fine to medium, gray-----	19	28	
Sand, fine, gray-----	7	35	
Silt, highly organic, dark-gray-	2	37	
Clay, medium stiff, gray-----	56	93	
Clay, hard, stiff, silty, gray, with alternate silt layers----	42	135	
Sand, coarse, very hard, clayey, with shale fragments-----	10	145	
Clay, hard, silty, with shale fragments-----	9	154	
Silurian system:			
Middle Silurian series:			
Limestone, broken-----	6	160	Dolomite or dolomitic limestone.
Limestone, hard-----	10	170	Do.

Table 3.--Selected logs of wells and test holes in Lake County--Continued

Well 36/8W-11H3

Type of record: Driller's log. Altitude: 607 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Fill; fine to medium, brown sand	3	3	
Peat-----	1	4	
Sand, fine to medium, brown, and coarse sand and gravel; stratified-----	19	23	
Sand, fine to medium, gray-----	11	34	
Organic matter-----	2	36	
Clay, soft to stiff, gray-----	58	94	
Clay, stiff, gray, with trace of shale fragments-----	8	102	

Well 36/8W-12G1

Type of record: Driller's log. Altitude: 635 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, loose, fine to medium, brown-----	36	36	
Sand, fine to medium, brown-----	5	41	
Sand, fine to medium, very dense, brown-----	25	66	
Clay, silty, gray and brown, with small gravel noted-----	4	70	

Well 36/8W-12G2

Type of record: Driller's log. Altitude: 624 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, fine to medium, brown, with some silt-----	27	27	
Sand, fine to medium, silty, brown-----	5	32	
Sand, fine to coarse, silty, gray, with some small gravel--	20	52	
Clay, stiff, silty, gray, with some small gravel and trace of sand-----	8	60	

Well 36/8W-12G5

Type of record: Driller's log. Altitude: 618 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, medium to fine, brown-----	24	24	

Table 3.--Selected logs of wells and test holes in Lake County--Continued

Well 36/8W-12G5--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, medium to fine, silty, gray, with small gravel-----	14	38	
Sand, medium to fine, silty, brown and gray, with small gravel-----	6	44	
Sand, loose, brown, with seams of gray silty peat-----	3	47	
Clay, stiff, silty, blue, with small gravel-----	4	51	
Clay, very stiff, silty, brown and gray, with small gravel---	4	55	

Well 36/8W-12G6

Type of record: Driller's log.

Altitude: 633 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, medium, brown, with some silt-----	32	32	
Sand, fine, silty, brown, with some small gravel-----	16	48	
Sand, fine to coarse, silty, gray, with small gravel-----	9	57	
Sand, fine, brown, with thin layers of black silt-----	2	59	
Clay, stiff, gray, with some sand and small rock fragments-	6	65	

Well 36/8W-12G7

Type of record: Driller's log.

Altitude: 645 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, medium, brown, with some silt-----	42	42	
Sand, fine, brown, with some silt-----	14	56	
Sand, fine to coarse, brown, with little gravel-----	7	63	
Sand, fine, silty, gray, with small gravel and trace of clay	5	68	
Sand, fine, silty, gray and brown-----	6	74	
Clay, sandy, silty, blue, with small rock fragments-----	1	75	

Table 3.--Selected logs of wells and test holes in Lake County--Continued

Well 36/8W-12H1

Type of record: Driller's log.

Altitude: 622 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, fine to medium, loose, brown-----	10	10	
Sand, fine to medium, brown, with silt noted-----	10	20	
Sand, fine to medium, dense, brown-----	6	26	
Sand, medium to coarse, very dense, brown-----	10	36	
Sand, fine to medium, very dense, brown-----	4	40	
Sand, medium to coarse, very dense, brown-----	6	46	
Sand, fine to medium, brown, with small seams of gray clay and decomposed wood-----	4	50	
Clay, stiff, silty, brown and gray-----	10	60	

Well 36/8W-12K1

Type of record: Driller's log.

Altitude: 612 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, fine to medium, brown-----	26	26	
Sand, medium, gray, with small gravel and gray soft silty peat-----	2	28	
Sand, medium to fine, silty, gray, with small gravel-----	10	38	
Sand, medium to coarse, silty, brown and gray, with small gravel-----	3	41	
Peat, medium, sandy, gray-----	5	46	
Clay, stiff, silty, blue-----	9	55	

Well 36/8W-12K2

Type of record: Driller's log.

Altitude: 611 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, fine to medium, brown-----	32	32	
Sand, medium to fine, silty, gray	6	38	
Peat, soft, silty, gray-----	5	43	
Clay, stiff, silty, blue-----	5	48	
Clay, stiff, brown and gray, with small gravel noted-----	1	49	

Table 3.--Selected logs of wells and test holes in Lake County--Continued

Well 36/8W-13H1

Type of record: Driller's log.

Altitude: 593 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Muck-----	3	3	
Loam and sand-----	4	7	
Sand, gray-----	4	11	
Clay, gray-----	19	30	

Well 36/8W-13J6

Type of record: Driller's log.

Altitude: 595 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Loam and sand-----	7	7	
Sand, very fine, gray-----	19	26	
Clay, gray, and sand-----	24	50	

Well 36/8W-13K1

Type of record: Driller's log.

Altitude: 592 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Loam and sand-----	7	7	
Sand, very fine, gray-----	18	25	
Clay, gray-----	5	30	

Well 36/8W-13K4

Type of record: Driller's log.

Altitude: 600 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, brown-----	9	9	
Loam and sand-----	7	16	
Sand, very fine, gray-----	14	30	

Well 36/8W-13L1

Type of record: Driller's log.

Altitude: 594 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay and loam-----	9	9	
Sand, gray-----	12	21	
Clay, hard, gray-----	9	30	

Table 3.--Selected logs of wells and test holes in Lake County--Continued

Well 36/8W-13H1

Type of record: Driller's log.

Altitude: 593 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Muck-----	3	3	
Loam and sand-----	4	7	
Sand, gray-----	4	11	
Clay, gray-----	19	30	

Well 36/8W-13J6

Type of record: Driller's log.

Altitude: 595 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Loam and sand-----	7	7	
Sand, very fine, gray-----	19	26	
Clay, gray, and sand-----	24	50	

Well 36/8W-13K1

Type of record: Driller's log.

Altitude: 592 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Loam and sand-----	7	7	
Sand, very fine, gray-----	18	25	
Clay, gray-----	5	30	

Well 36/8W-13K4

Type of record: Driller's log.

Altitude: 600 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, brown-----	9	9	
Loam and sand-----	7	16	
Sand, very fine, gray-----	14	30	

Well 36/8W-13L1

Type of record: Driller's log.

Altitude: 594 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay and loam-----	9	9	
Sand, gray-----	12	21	
Clay, hard, gray-----	9	30	



Table 3.--Selected logs of wells and test holes in Lake County--Continued

Well 36/8W-14N1

Type of record: Driller's log.

Altitude: 592 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Muck and marl-----	9	9	
Sand, very fine, gray-----	10	19	
Clay, hard, gray-----	16	35	

Well 36/8W-15N1

Type of record: Driller's log.

Altitude: 599 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand fill-----	10	10	
Muck-----	2	12	
Sand, gray-----	15	27	
Clay, gray-----	20	47	

Well 36/8W-15P1

Type of record: Driller's log.

Altitude: 588 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Loam and muck-----	6	6	
Clay, soft, gray, and gravel----	24	30	Fine sand at 60 feet.

Well 36/8W-15P2

Type of record: Driller's log.

Altitude: 592 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Fill; sand, brown-----	4	4	
Loam-----	5	9	
Clay, soft, gray, with some gray fine sand-----	21	30	

Well 36/8W-16M1

Type of record: Driller's log.

Altitude: 594 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Fill; sand-----	6	6	
Muck-----	7	13	
Sand, silty, gray-----	9	22	
Clay, gray-----	23	45	

Table 3.--Selected logs of wells and test holes in Lake County--Continued

Well 36/8W-16P1

Type of record: Driller's log.

Altitude: 595 feet.

Material	Thick-ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Fill; sand-----	7	7	
Muck-----	7	14	
Sand, silty, gray-----	7	21	
Clay, gray-----	24	45	

Well 36/8W-16P4

Type of record: Driller's log.

Altitude: 596 feet.

Material	Thick-ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand and loam-----	2	2	
Sand-----	6	8	
Sand and muck-----	2	10	
Sand-----	10	20	
Marl-----	4	24	
Clay, gray-----	5	29	

Well 36/8W-16Q1

Type of record: Driller's log.

Altitude: 596 feet.

Material	Thick-ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand and loam-----	2	2	
Sand-----	5	7	
Sand and muck-----	4	11	
Marl-----	9	20	
Clay and marl-----	4	24	
Clay, gray-----	5	29	

Well 36/8W-16Q2

Type of record: Driller's log.

Altitude: 592 feet.

Material	Thick-ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Muck-----	5	5	
Muck and marl-----	2	7	
Marl-----	5	12	
Clay, gray-----	5	17	

Well 36/8W-16Q4

Type of record: Driller's log.

Altitude: 595 feet.

Material	Thick-ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Fill; sand-----	6	6	
Muck-----	8	14	

Table 3.--Selected logs of wells and test holes in Lake County--Continued

Well 36/8W-16Q4--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, silty, gray-----	7	21	
Clay, gray-----	24	45	

Well 36/8W-16R1

Type of record: Driller's log. Altitude: 599 feet.

Quaternary system:			
Recent and Pleistocene series:			
Fill; sand-----	14	14	
Muck-----	4	18	
Sand, gray-----	11	29	
Clay, gray-----	18	47	

Well 36/8W-17J1

Type of record: Driller's log. Altitude: 594 feet.

Quaternary system:			
Recent and Pleistocene series:			
Gravel and sand-----	2	2	
Fill; sand-----	6	8	
Muck-----	6	14	
Sand, silty, gray-----	4	18	
Clay, gray-----	26	44	

Well 36/8W-21B1

Type of record: Driller's log. Altitude: 596 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand and loam-----	2	2	
Sand-----	6	8	
Sand and muck-----	4	12	
Marl-----	8	20	
Clay and marl-----	2	22	
Clay, gray-----	7	29	

Well 36/8W-21C5

Type of record: Driller's log. Altitude: 596 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand and loam-----	2	2	
Sand-----	6	8	
Sand and muck-----	2	10	
Marl-----	10	20	
Clay and marl-----	3	23	
Clay, gray-----	6	29	

Table 3.--Selected logs of wells and test holes in Lake County--Continued

Well 36/8W-23R1

Type of record: Driller's log.

Altitude: 640 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, yellow-----	20	20	
Sand, gray, with some fine gravel-----	15	35	Blue clay at 35 feet.

Well 36/8W-24R1

Type of record: Driller's log.

Altitude: 630 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	3	3	
Sand, brown-----	3	6	
Muck-----	3	9	
Sand, muddy, gray-----	4	13	
Sand, fine, gray-----	5	18	
Sand, coarse, and broken shale--	2	20	Clay at 20 feet.

Well 36/8W-25M2

Type of record: Driller's log from memory.

Altitude: 640 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, blue-----	34	34	
Marl-----	9	43	
Clay, blue-----	15	58	
Marl-----	88	146	Bedrock? at 146 feet.

Well 36/8W-25M3

Type of record: Driller's log from memory.

Altitude: 640 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, blue-----	41	41	
Marl and silt-----	75	116	

Well 36/8W-29G1

Type of record: Driller's log.

Altitude: 630 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Top soil and yellow soft sand---	12	12	
Sand, firm, yellow-white-----	3	15	
Clay, soft, gray-----	5	20	
Sand, firm, gray-----	7	27	

Table 3.--Selected logs of wells and test holes in Lake County--Continued

Well 36/8W-32J1

Type of record: Driller's log.

Altitude: 660 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, brown-----	20	20	
Sand, dark-gray-----	1	21	
Clay, soft, blue-----	6	27	
Sand, fine, black, and gravel---	9	36	
Clay, soft, blue-----	14	50	
Clay, hard, blue-----	4	54	
Sand, gray, with gravel-----	14	68	
Sand, coarse, gray-----	9	77	

Well 36/8W-32K1

Type of record: Driller's log.

Altitude: 670 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, brown-----	27	21	
Sand, dark-brown-----	6	27	
Sand, black-----	6	33	
Gravel-----	3	36	
Clay, hard, blue-----	4	40	
Clay, soft, blue-----	18	58	
Sand, gray, with small gravel---	4	62	
Sand, gray-----	5	67	

Well 36/8W-32K2

Type of record: Driller's log.

Altitude: 665 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, brown-----	21	21	
Sand, light-brown-----	7	28	
Sand, black, and gravel-----	4	32	
Gravel-----	2	34	
Clay, soft, blue-----	24	58	
Hardpan; blue clay and gravel---	3	61	
Gravel, heavy-----	9	70	
Gravel, small, and sand-----	2	72	

Well 36/8W-33E1

Type of record: Driller's log.

Altitude: 650 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, brown-----	21	21	
Clay, soft, blue-----	6	27	
Sand, black, and gravel-----	3	30	
Clay, blue-----	20	50	

Table 3.--Selected logs of wells and test holes in Lake County--Continued

Well 36/8W-33E1--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Hardpan; blue clay-----	6	56	
Sand and gravel-----	7	63	

Well 36/8W-35L1

Type of record: Driller's log from memory. Altitude: 650 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, blue-----	57	57	Mostly clay.
Hardpan-----	2	59	
Sand, fine-----	16	75	
Sand, medium-----	12	87	

Well 36/9W-1A1

Type of record: Driller's log. Altitude: 588 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil, root matter, and cinder fill-----	1	1	
Sand, fine to medium-----	35	36	
Clay, soft, medium-stiff, gray, with trace of rock fragments--	26	62	

Well 36/9W-1B1

Type of record: Driller's log. Altitude: 585 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, organic, dark-brown, and root matter-----	2	2	
Sand, fine, brown, with trace of organic matter-----	3	5	
Sand, fine, brown-----	5	10	
Sand, fine to medium, gray, stratified, with trace of coarse sand and shell frag- ments-----	15	25	

Well 36/9W-1D1

Type of record: Driller's log. Altitude: 590 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	1	1	
Sand, fine, tan-----	11	12	

Table 3.--Selected logs of wells and test holes in Lake County--Continued

Well 36/9W-1D1--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, medium to fine, brown, faintly stratified, with trace of shell fragments-----	24	36	
Sand, medium to fine, gray, stratified, with trace of shell fragments-----	9	45	
Silt and clay; gray, with trace of coarse sand and limestone fragments-----	1	46	

Well 36/9W-2A4

Type of record: Driller's log.

Altitude: 588 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, fine, tan-----	2	2	
Sand, medium to fine, brown, with trace of shell fragments-	8	10	
Sand, medium to fine, gray, stratified, with dark seams and trace of shells-----	25	35	
Clay, hard, stiff, gray, and silt; with trace of shale fragments-----	13	48	
Clay, medium, gray, and silt; trace of shale fragments-----	15	63	
Silt, very stiff, clayey, gray--	10	73	
Silt, stiff, gray, and clay; with some coarse to fine sand and trace of fine gravelly shale fragments-----	10	83	
Silt, very hard, gray, and clay; with coarse to fine sand, little fine gravel, shale, and limestone fragments-----	8	91	

Well 36/9W-2B1

Type of record: Driller's log.

Altitude: 587 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand-----	1	1	
Sand, fine, tan-----	7	8	
Sand, fine, gray-----	24	32	
Clay, soft to medium, gray, with trace of shale and coarse sand	8	40	

Table 3.--Selected logs of wells and test holes in Lake County--Continued

Well 36/9W-2B1--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, medium to stiff, silty, gray, with trace of coarse sand-----	15	55	
Clay, soft to medium, gray, with trace of sand and fine gravel-----	18	73	
Clay, stiff, silty, gray, with trace of sand and gravel-----	5	78	
Clay, very hard, sandy, gray, with some gravel and shale fragments-----	9	87	

Well 36/9W-2B4

Type of record: Driller's log.

Altitude: 583 feet.

Water-----	7	7	
Quaternary system:			
Recent and Pleistocene series:			
Sand, fine, gray, stratified, with thin dark seams and traces of shell shale, and limestone fragments-----	22	29	
Clay, gray, and silt; with trace of coarse sand, fine gravel, shale, and limestone fragments-----	11	40	

Well 36/9W-2C3

Type of record: Driller's log.

Altitude: 592 feet.

Quaternary system:			
Recent and Pleistocene series:			
Fill; cinders, slag, sand-----	1	1	
Sand, medium to fine, brown, with trace of shell fragments-----	10	11	
Sand, medium to fine, gray, stratified, with trace of shell fragments and dark seams-----	27	38	
Clay, medium-gray, and silt; with trace of sand, fine gravel, shale, and limestone fragments-----	11	49	



Table 3.--Selected logs of wells and test holes in Lake County--Continued

Well 36/9W-204

Type of record: Driller's log.

Altitude: 589 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Top soil and sand-----	2	2	
Sand, fine to medium, brown-----	6	8	
Sand, fine to medium, gray-----	21	29	
Clay, soft, gray, with trace of coarse sand and shell fragments-----	14	43	
Clay, medium-stiff, gray, with trace of sand and fine gravel-----	25	68	
Clay, very hard, silty, with trace of sand-----	13	81	
Silurian system:			
Middle Silurian series:			
Limestone with fissures-----	5	86	Show of oil; dolo- mite or dolomitic limestone.

Well 36/9W-2D1

Type of record: Driller's log.

Altitude: 591 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, dark, organic, and gravel fill-----	4	4	
Sand, fine to medium, brown-----	5	9	
Sand, fine to medium, gray-----	25	34	
Clay, medium-stiff, gray, with trace of silt and rock fragments-----	25	59	
Clay, very soft-----	6	65	
Clay, medium-stiff, gray, with trace of rock fragments-----	25	90	
Clay, hard, silty, gray, with small gravel and coarse sand--	41	131	
Silurian system:			
Middle Silurian series:			
Limestone, gray, and a sand- stone rock-----	10	141	

Well 36/9W-8J1

Type of record: Driller's log.

Altitude: 605 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	2	2	
Sand, with some red small gravel	7	9	

Table 3.--Selected logs of wells and test holes in Lake County--Continued

Well 36/9W-8J1--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, with some gray small gravel-----	6	15	
Clay, gray-----	45	60	

Well 36/9W-11D1

Type of record: Driller's log. Altitude: 595 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand-----	33	33	
Clay-----	82	115	
Gravel-----	8	123	
Clay-----	4	127	
Glacial drift-----	4	131	
Silurian system:			
Middle Silurian series:			
Rock-----	110	241	Dolomite or dolomitic limestone.
Shale-----	11	252	
Rock-----	30	282	Dolomite or dolomitic limestone.

Well 36/9W-14H2

Type of record: Driller's log. Altitude: 605 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, fine, yellow-----	3	3	
Sand, fine, gray-----	17	20	
Gravel, coarse, and sand-----	3	23	
Sand, fine, gray-----	2	25	
Clay-----	5	30	

Well 36/9W-14K1

Type of record: Driller's log. Altitude: 605 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand-----	23	23	
Clay-----	62	85	
Gravel-----	18	103	
Clay-----	31	134	
Glacial drift-----	19	153	
Silurian system:			
Middle Silurian series:			
Rock-----	25	178	

Table 3.--Selected logs of wells and test holes in Lake County--Continued

Well 36/9W-14K2

Type of record: Driller's log. Altitude: 605 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand-----	28	28	
Clay-----	60	88	
Gravel-----	8	96	
Clay and gravel-----	44	140	
Sand-----	13	153	
Silurian system:			
Middle Silurian series:			
Rock-----	47	200	Dolomite or dolomitic limestone.

Well 36/9W-14P1

Type of record: Driller's log. Altitude: 600 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, sandy-----	105	105	
Clay-----	25	130	
Gravel-----	6	136	
Boulder or shell rock-----	2	138	
Gravel-----	4	142	
Silurian system:			
Middle Silurian series:			
Rock-----	68	210	Dolomite or dolomitic limestone.

Well 36/9W-19G1

Type of record: Driller's log. Altitude: 610 feet.

Quaternary system:			
Recent and Pleistocene series:			
Soil, black-----	1	1	
Clay, yellow-----	6	7	
Clay, soft, gray, with some gravel-----	41	48	
Clay, hard, gray-----	21	69	
Clay, gravelly-----	13	82	
Clay-----	9	91	
Clay, hard-----	9	100	

Well 36/9W-19K1

Type of record: Driller's log. Altitude: 620 feet.

Quaternary system:			
Recent and Pleistocene series:			
Soil, brown, and sand-----	5	5	
Sand, dirty, gray-----	6	11	

Table 3.--Selected logs of wells and test holes in Lake County--Continued

Well 36/9W-19K1--Continued

Material	Thick-ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, blue-----	47	58	
Clay, soft, sandy-----	29	87	
Clay, hard, with some gravel----	7	94	

Well 36/9W-19K2

Type of record: Driller's log.

Altitude: 620 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, red-----	3	3	
Sand, gray-----	5	8	
Sand, fine-----	3	11	
Clay, soft-----	1	12	
Clay, sandy, mucky-----	17	29	
Clay, stiff, gray-----	29	58	
Clay, hard, brown-----	12	70	
Clay, gravelly, gray-----	25	95	
Mud, soft, slushy-----	7	102	
Mud and some gravel-----	3	105	
Clay, soft, smooth-----	5	110	
Clay, hard, black-----	9	119	
Clay, and gravel-----	5	124	
Clay, sandy-----	5	129	
Clay, hard, and gravel-----	5	134	
Clay, hard, with rock-----	2	136	

Well 36/9W-19M1

Type of record: Driller's log.

Altitude: 620 feet.

Quaternary system:			
Recent and Pleistocene series:			
Soil, sandy-----	4	4	
Sand, fine-----	4	8	
Clay, soft-----	22	30	
Clay, hard-----	6	36	
Clay, gritty-----	9	45	
Clay, gravelly-----	7	52	
Clay, hard, gritty-----	3	55	
Gravel, soft, clayey-----	6	61	
Clay, hard, gritty-----	46	107	

Well 36/9W-20L1

Type of record: Driller's log.

Altitude: 615 feet.

Quaternary system:			
Recent and Pleistocene series:			
Record missing-----	8	8	

Table 3.--Selected logs of wells and test holes in Lake County--Continued

Well 36/9W-20L1--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, sandy, yellow-----	2	10	
Sand, mucky-----	5	15	
Clay-----	96	111	

Well 36/9W-20M1

Type of record: Driller's log. Altitude: 625 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand-----	9	9	
Clay, blue-----	1	10	
Sand, fine, gray-----	5	15	
Clay, soft-----	30	45	
Clay, hard-----	46	91	
Sand-----	2	93	
Clay, gravelly-----	5	98	
Clay-----	19	117	

Well 36/9W-20N1

Type of record: Driller's log. Altitude: 610 feet.

Quaternary system:			
Recent and Pleistocene series:			
Soil and sand-----	2	2	
Sand-----	3	5	
Quicksand-----	4	9	
Clay, soft, gritty-----	35	44	
Clay, hard-----	20	64	
Clay, soft, gravelly-----	27	91	
Clay, mushy, gritty-----	4	95	
Record missing-----	2	97	
Clay, silty-----	1	98	
Sand and gravel; with some clay-	3	101	
Clay, hard-----	2	103	

Well 36/9W-20N2

Type of record: Driller's log. Altitude: 610 feet.

Quaternary system:			
Recent and Pleistocene series:			
Soil and sand-----	12	12	
Clay-----	69	81	
Gravel-----	1	82	
Clay, hard-----	13	95	
Boulders and clay-----	3	98	
Clay, hard-----	16	114	

Table 3.--Selected logs of wells and test holes in Lake County--Continued

Well 36/9W-20N3

Type of record: Driller's log. Altitude: 610 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Soil and sand-----	10	10	
Clay, soft-----	20	30	
Clay, tough, hard-----	35	65	
Boulders-----	4	69	
Clay-----	31	100	
Gravel, hard-----	4	104	

Well 36/9W-20N4

Type of record: Driller's log. Altitude: 610 feet.

Quaternary system:			
Recent and Pleistocene series:			
Soil and sand, yellow-----	6	6	
Quicksand, muddy-----	6	12	
Clay, soft, gray-----	30	42	
Clay, hard, gritty, gray-----	46	88	
Clay, soft, mucky-----	8	96	
Gravel, coarse-----	6	102	
Clay and gravel-----	1	103	
Sand, gray, and gravel-----	2	105	
Gravel, fine sand, and clay-----	3	108	
Clay-----	6	114	

Well 36/9W-20N5

Type of record: Driller's log. Altitude: 610 feet.

Quaternary system:			
Recent and Pleistocene series:			
Soil and sand-----	10	10	
Clay, soft-----	15	25	
Clay, tough-----	65	90	
Clay, gritty-----	9	99	
Clay, hard-----	11	110	

Well 36/9W-24C1

Type of record: Driller's log. Altitude: 600 feet.

Quaternary system:			
Recent and Pleistocene series:			
Glacial drift-----	123	123	
Silurian system:			
Middle Silurian series:			
Limestone-----	447	570	Dolomite or dolomitic limestone.

Table 3.--Selected logs of wells and test holes in Lake County--Continued

Well 36/9W-24C1--Continued			
Material	Thick- ness (feet)	Depth (feet)	Remarks
Ordovician system:			
Upper Ordovician series:			
Shale-----	210	780	
Middle Ordovician series:			
Limestone-----	322	1,102	
Sandstone-----	48	1,150	
Lower Ordovician? series:			
Dolomite?-----	150	1,300	
Well 36/9W-24C2			
Type of record: Driller's log.		Altitude: 600 feet.	
Quaternary system:			
Recent and Pleistocene series:			
Sand-----	24	24	
Clay-----	67	91	
Sand-----	2	93	
Hardpan and boulders-----	31	124	
Silurian system:			
Middle Silurian series:			
Limestone-----	296	420	Dolomite or dolomitic limestone.
Well 36/9W-27H1			
Type of record: Driller's log.		Altitude: 610 feet.	
Quaternary system:			
Recent and Pleistocene series:			
Top soil and muck-----	10	10	
Clay, blue-----	54	64	
Sand, fine-----	23	87	
Clay, sandy-----	4	91	
Well 36/9W-27Q1			
Type of record: Driller's log.		Altitude: 615 feet.	
Quaternary system:			
Recent and Pleistocene series:			
Top soil and muck-----	4	4	
Clay, blue-----	20	24	
Sand, fine-----	7	31	
Clay, sandy-----	26	57	
Sand, medium-----	12	69	
Clay, sandy-----	11	80	

Table 3.--Selected logs of wells and test holes in Lake County--Continued.

Well 36/9W-28B1

Type of record: Driller's log. Altitude: 615 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Soil and sand-----	6	6	
Clay-----	22	28	
Sand, medium-----	13	41	
Sand, fine-----	1	42	

Well 36/9W-29E1

Type of record: Driller's log. Altitude: 615 feet.

Quaternary system:			
Recent and Pleistocene series:			
Soil and sand-----	6	6	
Clay, soft and tough, gritty----	87	93	
Sand, fine-----	5	98	
Clay, very hard-----	4	102	

Well 36/9W-31D1

Type of record: Driller's log. Altitude: 615 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay-----	14	14	
Sand, gray-----	9	23	
Clay, blue-----	2	25	
Quicksand-----	5	30	
Clay, blue-----	2	32	
Quicksand-----	4	36	
Clay, gravelly-----	3	39	
Gravel and boulders-----	3	42	

Well 36/9W-35L1

Type of record: Driller's log. Altitude: 630 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand-----	17	17	
Clay, medium-----	19	36	
Sand, muddy-----	4	40	
Clay, hard-----	15	55	
Sand, fine-----	7	62	
Sand, medium-----	3	65	
Sand, fine-----	20	85	



Table 3.--Selected logs of wells and test holes in Lake County--Continued

Well 36/9W-35L2

Type of record: Driller's log. Altitude: 630 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand-----	13	13	
Clay, blue-----	20	33	
Sand, fine-----	20	53	
Clay, sandy-----	7	60	
Sand, medium-----	10	70	
Sand, fine-----	14	84	

Well 36/9W-35L4

Type of record: Driller's log. Altitude: 630 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand-----	17	17	
Clay-----	6	23	
Sand-----	2	25	
Clay-----	30	55	
Sand, fine-----	35	90	
Clay-----	10	100	

Well 36/9W-35M1

Type of record: Driller's log. Altitude: 625 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, medium-----	18	18	
Clay, blue-----	14	32	
Sand, medium-----	18	50	
Clay, sandy-----	28	78	

Well 36/9W-35N1

Type of record: Driller's log. Altitude: 630 feet.

Quaternary system:			
Recent and Pleistocene series:			
Soil, brown, and sand-----	7	7	
Sand, gray, and gravel-----	12	19	
Clay, gray-----	4	23	
Sand, dirty, gray-----	2	25	
Sand, coarse, gray-----	4	29	
Clay-----	1	30	
Sand-----	2	32	
Clay-----	2	34	
Sand-----	26	60	

Table 3.--Selected logs of wells and test holes in Lake County--Continued

Well 36/9W-35N2

Type of record: Driller's log. Altitude: 630 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, fine-----	17	17	
Clay-----	14	31	
Gravel and clay-----	1	32	
Clay-----	3	35	
Clay, gravelly-----	5	40	
Sand, medium-----	20	60	Fine sand at 60 feet.

Well 36/9W-35N3

Type of record: Driller's log. Altitude: 630 feet.

Quaternary system:			
Recent and Pleistocene series:			
Fill-----	4	4	
Sand, dirty-----	11	15	
Clay-----	13	28	
Sand-----	5	33	
Clay-----	5	38	
Sand-----	33	71	

Well 36/9W-35N4

Type of record: Driller's log. Altitude: 630 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	2	2	
Sand, brown-----	16	18	
Clay and gravel-----	16	34	
Sand, fine-----	2	36	
Clay-----	3	39	
Sand-----	2	41	
Clay-----	1	42	
Clay and gravel-----	8	50	
Sand-----	32	82	

Well 36/9W-35N9

Type of record: Driller's log. Altitude: 630 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	2	2	
Sand, muddy-----	17	19	
Clay, blue-----	33	52	
Sand, fine-----	29	81	
Sand, fine, muddy-----	3	84	

Table 3.--Selected logs of wells and test holes in Lake County--Continued

Well 36/10W-12D1

Type of record: Driller's log. Altitude: 603 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand-----	5	5	
Gravel-----	14	19	
Sand and gravel; mixed-----	50	69	
Clay mixed with little sand-----	20	89	
Gravel-----	21	110	
Silurian system:			
Middle Silurian series:			
Rock-----	150	260	Dolomite or dolomitic limestone.

Well 36/10W-24B1

Type of record: Driller's log. Altitude: 617 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand-----	28	28	
Clay-----	24	52	
Sand-----	2	54	
Clay-----	29	83	
Sand and gravel-----	11	94	
Glacial drift-----	15	109	
Silurian system:			
Middle Silurian series:			
Rock-----	74	183	Dolomite or dolomitic limestone.

Well 36/10W-24E1

Type of record: Driller's log. Altitude: 625 feet.

Quaternary system:			
Recent and Pleistocene series:			
Soil and sand, red-----	5	5	
Sand, fine-----	2	7	
Muck, black-----	3	10	
Clay, soft, gray-----	21	31	
Clay, hard-----	9	40	
Clay, soft-----	21	61	
Sand, fine, mucky, black-----	6	67	
Clay, gravelly-----	4	71	
Clay, soft, gritty-----	9	80	

Table 3.--Selected logs of wells and test holes in Lake County--Continued

Well 36/10W-24G1

Type of record: Driller's log.

Altitude: 620 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand-----	40	40	
Clay-----	85	125	
Silurian system:			
Middle Silurian series:			
Lime, soft-----	65	190	
Lime, soft, white-----	210	400	

Well 36/10W-25Q1

Type of record: Driller's log.

Altitude: 615 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Soil-----	4	4	
Clay, blue-----	18	22	
Gravel, sandy-----	8	30	
Gravel and rock-----	18	48	
Gravel, cemented-----	6	54	
Silurian system:			
Middle Silurian series:			
Limestone-----	339	393	
Limestone, hard-----	51	444	
Rock, soft, blue-----	3	447	
Limestone, hard-----	38	485	

Well 36/10W-36J1

Type of record: Driller's log.

Altitude: 615 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Glacial drift-----	145	145	
Gravel-----	10	155	
Silurian system:			
Middle Silurian series:			
Limestone-----	405	560	
Limestone and shale-----	5	565	

Well 36/10W-36K1

Type of record: Driller's log.

Altitude: 615 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Top soil and black sandy clay---	4	4	
Clay, sandy, brown and gray----	6	10	
Clay, sandy, gray, with small angular stones-----	2	12	
Clay, gray-----	3	15	

Table 3.--Selected logs of wells and test holes in Lake County--Continued

Well 36/10W-36K1--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, gray, with small angular stones-----	4	19	
Sand, silty, gray-----	2	21	
Sand, silty, brown-----	7	28	
Clay, sandy, gray-----	4	32	
Silt, sandy, gray, with trace of clay-----	4	36	
Sand, silty, brown-----	5	41	
Sand, silty, gray-----	4	45	
Clay, sandy, gray, with small angular stones-----	5	50	

Well 36/10W-36K2

Type of record: Driller's log.

Altitude: 615 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil and black sandy clay---	1	1	
Clay, brown and gray, with stones-----	5	6	
Clay, brown-----	5	11	
Clay, sandy, gray-----	2	13	
Clay, gray-----	12	25	
Clay, gray, with layers of silt-	6	31	
Silt, sandy, gray-----	2	33	
Silt, gray, with clay-----	3	36	
Silt, sandy, gray-----	3	39	
Silt, gray-----	1	40	
Sand, silty, gray-----	5	45	
Clay, sandy, gray, with angular stones-----	5	50	

Well 37/8W-21G1

Type of record: Driller's log.

Altitude: 580 feet.

Water-----	40	40	
Quaternary system:			
Recent and Pleistocene series:			
Sand, fine-----	8	48	
Clay, soft, stiff, gray, with some gravel-----	55	103	
Hardpan-----	10	113	Bedrock at 113 feet.

Table 3.--Selected logs of wells and test holes in Lake County--Continued

Well 37/8W-21Q1

Type of record: Driller's log. Altitude: 580 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Water-----	40	40	
Quaternary system:			
Recent and Pleistocene series:			
Sand and gravel-----	13	53	
Clay, soft to stiff, gray-----	52	105	
Hardpan-----	7	112	Bedrock at 112 feet.

Well 37/8W-28B1

Type of record: Driller's log. Altitude: 580 feet.

Water-----	40	40	
Quaternary system:			
Recent and Pleistocene series:			
Sand and gravel-----	12	52	
Clay, soft to stiff, gray-----	39	91	
Hardpan-----	19	110	Bedrock at 110 feet.

Well 37/8W-28K1

Type of record: Driller's log. Altitude: 580 feet.

Water-----	37	37	
Quaternary system:			
Recent and Pleistocene series:			
Sand and gravel-----	19	56	
Clay, soft to hard, gray-----	48	104	
Hardpan-----	5	109	Bedrock at 109 feet.

Well 37/8W-28N1

Type of record: Driller's log. Altitude: 590 feet.

Quaternary system:			
Recent and Pleistocene series:			
Fill; slag and cinders-----	24	24	
Sand, fine, light-gray-----	43	67	
Clay, plastic, gray, with pebbles-----	3	70	

Well 37/8W-28Q1

Type of record: Driller's log. Altitude: 580 feet.

Water-----	11	11	
Quaternary system:			
Recent and Pleistocene series:			
Sand, fine-----	31	42	
Gravel, small-----	2	44	
Clay, soft to hard-----	55	99	
Hardpan-----	11	110	Bedrock at 110 feet.

Table 3.--Selected logs of wells and test holes in Lake County--Continued

Well 37/8W-29K1

Type of record: Driller's log.

Altitude: 590 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Fill; slag, cinders, and sand---	38	38	
Sand, fine, gray, with trace of organic matter and shells-----	25	63	
Clay, plastic, gray, with trace of fine pebbles-----	7	70	

Well 37/8W-31R3

Type of record: Driller's log.

Altitude: 593 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Cinders and slag-----	1	1	
Fill; cinders, slag, wood, peat, and rock fragments-----	13	14	
Sand, fine, dense to very dense, brown, with shale and shell fragments-----	22	36	
Sand, fine, dense, gray, with shale and shell fragments-----	8	44	
Clay, soft, gray, with trace of shale and gravel fragments----	24	68	
Clay, stiff, gray, with medium- stiff brown and green streaks and trace of sand and fine gravel-----	37	105	
Clay, hard, silty, gray, with trace of sand and fine gravel-	11	116	Plastic when wet.

Well 37/8W-31R4

Type of record: Driller's log.

Altitude: 587 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Fill; slag, cinders, and sand---	4	4	
Peat and sand-----	2	6	
Sand, fine, gray, with pockets of organic matter-----	10	16	
Sand, fine, gray-----	13	29	

Well 37/8W-32N3

Type of record: Driller's log.

Altitude: 594 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	1	1	

Table 3.--Selected logs of wells and test holes in Lake County--Continued

Well 37/8W-32N3--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Fill; sand, cinders, concrete, and coal; very loose-----	22	23	
Silt, organic-----	3	26	
Sand, medium, gray-----	5	31	
Sand, fine to medium, gray, with trace of silt-----	15	46	
Sand, coarse, and fine gravel---	3	49	
Clay, soft to medium, gray, with few sand, fine gravel, and shale fragments-----	10	59	

Well 37/8W-32N5

Type of record: Driller's log.

Altitude: 588 feet.

Quaternary system:			
Recent and Pleistocene series:			
Muck and fill-----	5	5	
Fill; sand, gravel, and concrete	17	22	
Sand, fine to medium, gray, stratified, with trace of shell fragments-----	19	41	
Clay, soft, gray, with few small gravel-----	16	57	
Clay, stiff, gray, with trace of small gravel-----	25	82	
Clay, soft, gray, with trace of small gravel-----	6	88	
Clay, stiff, gray, with trace of small gravel and some rock fragments-----	16	104	
Clay, hard, silty, gray, with trace of small gravel and rock fragments-----	13	117	

Well 37/8W-32P1

Type of record: Driller's log.

Altitude: 586 feet.

Quaternary system:			
Recent and Pleistocene series:			
Silt, organic, black-----	3	3	
Silt, organic, black, and sand--	2	5	
Sand, fine, gray, and organic silt-----	7	12	
Sand, medium to fine, gray, with trace of shell frag- ments and silt-----	28	40	



Table 3.--Selected logs of wells and test holes in Lake County--Continued

Well 37/8W-32Pl--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system: Recent and Pleistocene series: Clay, gray, and silt, with some coarse to fine sand-----	10	50	

Well 37/8W-32Q1

Type of record: Driller's log.		Altitude: 584 feet.	
Water-----	8	8	
Quaternary system: Recent and Pleistocene series:			
Silt, clayey, red-brown-----	9	17	
Peat-----	1	18	
Sand, fine to medium, gray-----	18	36	
Sand, coarse, and medium gravel-	1	37	
Clay, soft to medium, gray, with trace of medium sand-----	22	59	
Clay, stiff, gray, with trace of small gravel and occasional silt pockets-----	40	99	
Clay, hard, gray, and large rock fragments; some small to large gravel and few layers of shale hardpan-----	9	108	

Well 37/8W-32R1

Type of record: Driller's log.		Altitude: 588 feet.	
Quaternary system: Recent and Pleistocene series:			
Fill, silty, organic-----	1	1	
Sand, medium, brown and green, with trace of shells-----	7	8	
Sand, fine to coarse, gray, stratified, with trace of shells-----	15	23	
Sand, fine to medium, gray, with trace of silt-----	10	33	
Sand, gray, and gravel; stratified-----	8	41	
Clay, gray-----	11	52	

Well 37/8W-32R2

Type of record: Driller's log.		Altitude: 587 feet.	
Water-----	1	1	
Quaternary system: Recent and Pleistocene series:			
Silt, clayey, red-brown-----	3	4	

Table 3.--Selected logs of wells and test holes in Lake County--Continued

Well 37/8W-32R2--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Organic matter-----	1	5	
Sand, fine to medium, gray, stratified-----	7	12	
Peat, sandy-----	3	15	
Sand, medium to coarse, gray----	5	20	
Sand, fine, gray, with trace of gravel-----	16	36	
Sand and gravel-----	1	37	
Clay, soft, gray, with trace of medium sand and gravel-----	13	50	

Well 37/8W-33B1

Type of record: Driller's log. Altitude: 595 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, fine-----	56	56	
Sand, coarse, and gravel-----	4	60	
Clay, soft to stiff, gray-----	54	114	Hardpan at 114 feet.

Well 37/8W-33G1

Type of record: Driller's log. Altitude: 595 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, fine-----	49	49	
Clay, soft to stiff, gray-----	36	85	
Clay, soft, gray-----	12	97	
Clay, tough, gray-----	13	110	
Hardpan-----	15	125	Bedrock at 125 feet.

Well 37/8W-33G2

Type of record: Driller's log. Altitude: 595 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, fine-----	55	55	
Clay, soft to stiff-----	60	115	
Hardpan-----	13	128	Bedrock at 128 feet.

Well 37/8W-33K1

Type of record: Driller's log. Altitude: 595 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, fine-----	49	49	
Clay, soft to stiff-----	31	80	

Table 3.--Selected logs of wells and test holes in Lake County--Continued

Well 37/8W-33K1--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, stiff, with sand-----	10	90	
Clay, very stiff-----	22	112	
Hardpan-----	9	121	Bedrock at 121 feet.

Well 37/8W-33N3

Type of record: Driller's log. Altitude: 586 feet.

Quaternary system:			
Recent and Pleistocene series:			
Fill-----	8	8	
Silt, organic, dark-gray-----	6	14	
Sand, fine to medium, gray-----	10	24	
Sand, fine, gray, with trace of shell fragments-----	16	40	
Clay, soft to medium, gray, with trace of sand and small gravel-----	34	74	
Clay, stiff, gray, with trace of sand, fine gravel, and rock fragments-----	32	106	
Clay, very hard, silty, gray, with some coarse sand and fine gravel-----	16	122	
Silurian system:			
Middle Silurian series:			
Limestone, hard-----	6	128	Dolomite or dolomitic limestone.

Well 37/8W-33Q1

Type of record: Driller's log. Altitude: 595 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, fine-----	38	38	
Clay, soft to medium-stiff, gray	28	66	
Clay, stiff, with shale and pea gravel-----	3	69	
Clay, very stiff-----	44	113	
Hardpan-----	8	121	Bedrock at 121 feet.

Well 37/8W-34C1

Type of record: Driller's log. Altitude: 595 feet.

Quaternary system:			
Recent and Pleistocene series:			
Fill; slag and sand-----	3	3	
Sand, fine, brown-----	19	22	

Table 3.--Selected logs of wells and test holes in Lake County--Continued

Well 37/8W-34C1--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, fine, silty, gray-----	39	61	
Clay, silty, gray, with sand and gravel-----	76	137	
Rock, broken, and clay seams----	2	139	Bedrock? at 139 feet.

Well 37/8W-34G1

Type of record: Driller's log.		Altitude: 590 feet.	
Concrete-----	2	2	
Quaternary system:			
Recent and Pleistocene series:			
Sand, fine to medium, brown----	6	8	
Sand, fine, gray-----	41	49	
Clay, sandy, silty, gray, and small gravel-----	6	54	
Clay, stiff, silty, gray, with small gravel-----	73	127	Dolomite or dolomitic limestone at 127 feet.

Well 37/8W-34H1

Type of record: Driller's log.		Altitude: 595 feet.	
Quaternary system:			
Recent and Pleistocene series:			
Fill and coal-----	1	1	
Sand, fine, brown-----	32	33	
Sand, fine to medium, gray----	29	62	
Clay, silty, gray-----	88	150	Dolomite or dolomitic limestone at 150 feet.

Well 37/8W-34J1

Type of record: Driller's log.		Altitude: 595 feet.	
Quaternary system:			
Recent and Pleistocene series:			
Fill and coal-----	2	2	
Sand, fine, brown-----	12	14	
Sand, fine, brown, with trace of silt-----	23	37	
Sand, fine, gray-----	22	59	
Silt, inorganic, sandy, gray----	4	63	
Clay, silty, gray, with sand and gravel-----	89	152	