

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

Well 34/8W-5K2

Type of record: Driller's log.

Altitude: 710 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Fill-----	1	1	
Clay, hard, gritty-----	11	12	
Clay, tough-----	19	31	
Sand and gravel-----	3	34	
Sand, fine, muddy-----	28	62	
Sand, fine-----	36	98	
Clay, hard, gritty-----	40	138	
Devonian system:			
Upper Devonian series:			
Shale, black-----	1	139	

Well 34/8W-5K4

Type of record: Driller's log.

Altitude: 710 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Fill and soil-----	1	1	
Clay-----	36	37	
Clay and gravel-----	1	38	
Sand, fine-----	59	97	
Clay, tough-----	28	125	
Clay, soft, gritty-----	12	137	
Devonian system:			
Upper Devonian series:			
Shale, black-----	1	138	

Well 34/8W-5K5

Type of record: Driller's log.

Altitude: 710 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Soil-----	2	2	
Clay, hard-----	30	32	
Sand-----	1	33	
Sand, muddy-----	12	45	
Sand, fine-----	5	50	
Sand-----	54	104	Not as fine; clay.
Clay-----	1	105	

Well 34/8W-5R1

Type of record: Driller's log.

Altitude: 710 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, gray-----	35	35	
Sand, fine, gray-----	23	58	
Sand, medium, gray-----	45	103	

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

Well 34/8W-5R2

Type of record: Driller's log.

Altitude: 710 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	1	1	
Clay-----	34	35	
Clay, soft, sandy-----	20	55	
Sand, fine to medium-----	45	100	
Sand, fine, with broken shale---	1	101	
Clay-----	2	103	

Well 34/8W-6E3

Type of record: Driller's log.

Altitude: 710 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow-----	21	21	
Clay, blue-----	21	42	
Sand, muddy-----	28	70	
Sand-----	16	86	

Well 34/8W-6G2

Type of record: Driller's log.

Altitude: 705 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow-----	10	10	
Clay, blue-----	11	21	
Clay and sand-----	44	65	
Sand-----	10	75	

Well 34/8W-6G3

Type of record: Driller's log.

Altitude: 710 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow-----	10	10	
Clay, blue-----	20	30	
Sand, muddy-----	30	60	
Sand-----	15	75	

Well 34/8W-6G4

Type of record: Driller's log.

Altitude: 710 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, brown-----	31	31	
Clay, blue, and gravel-----	21	52	
Sand, white, and gravel-----	11	63	
Sand, white-----	7	70	

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

Well 34/8W-6H1

Type of record: Driller's log. Altitude: 710 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, brown and blue-----	31	31	
Clay, blue, and gravel-----	21	52	
Gravel and sand-----	16	68	

Well 34/8W-7C2

Type of record: Driller's log. Altitude: 710 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow-----	21	21	
Clay, blue-----	21	42	
Clay and sand-----	18	60	
Sand-----	15	75	

Well 34/8W-7L2

Type of record: Driller's log. Altitude: 740 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow-----	30	30	
Clay, blue-----	30	60	
Clay and sand-----	35	95	
Sand-----	9	104	

Well 34/8W-8C1

Type of record: Driller's log. Altitude: 735 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Soil and clay-----	15	15	
Sand-----	100	115	
Clay, blue-----	25	140	
Devonian system:			
Upper Devonian series:			
Shale-----	112	252	
Silurian system:			
Middle Silurian series:			
Limestone-----	545	797	Dolomite or dolomitic limestone.
Ordovician system:			
Upper Ordovician series:			
Shale, bluish-green-----	122	919	
Middle Ordovician series:			
Limestone-----	556	1,475	

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

Well 34/8W-8C1--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Ordovician and Cambrian system: undifferentiated: Sandstone?-----	1,625	3,100	Alternating brown and white.

Well 34/8W-9D2

Type of record: Driller's log. Altitude: 710 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	1	1	
Clay, sandy, brown-----	24	25	
Clay, sandy, gray-----	23	48	
Sand, fine, muddy-----	12	60	
Sand, medium, brown-----	41	101	
Clay, gray-----	2	103	

Well 34/8W-9F2

Type of record: Driller's log. Altitude: 710 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	1	1	
Clay, sandy, brown-----	12	13	
Clay, sandy, gray-----	7	20	
Sand, medium, brown-----	35	55	
Sand, fine, muddy-----	20	75	
Sand, medium, brown-----	30	105	
Clay, gray-----	4	109	

Well 34/8W-11L1

Type of record: Driller's log. Altitude: 700 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow-----	18	18	
Clay, gray-----	10	28	
Sand, fine, muddy-----	5	33	
Clay, gray-----	6	39	
Sand, fine, muddy-----	6	45	
Sand, medium and coarse-----	13	58	
Clay, hard, gray-----	14	72	
Clay, soft, sandy-----	6	78	
Sand, fine and medium-----	14	92	Clay at 92 feet.

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

Well 34/8W-16P1

Type of record: Driller's log.

Altitude: 740 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay-----	60	60	
Sand, fine, dirty-----	30	90	
Sand, medium-----	10	100	
Clay, blue-----	40	140	
Sand, very fine-----	20	160	
Devonian system:			
Upper Devonian series:			
Shale, green-----	15	175	
Silurian system:			
Middle Silurian series:			
Limestone-----	101	276	Dolomite or dolomitic limestone.

Well 34/8W-17H4

Type of record: Driller's log.

Altitude: 750 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow-----	21	21	
Clay, blue-----	9	30	
Clay and sand-----	20	50	
Sand-----	17	67	

Well 34/8W-17R2

Type of record: Driller's log.

Altitude: 770 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, brown and blue-----	36	36	
Clay, blue, and gravel-----	39	75	
Sand, white-----	15	90	

Well 34/8W-18L1

Type of record: Driller's log.

Altitude: 750 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow-----	25	25	
Clay, blue-----	10	35	
Clay, sandy-----	40	75	
Sand-----	9	84	

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

Well 34/8W-18P1

Type of record: Driller's log. Altitude: 730 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow-----	30	30	
Clay, blue-----	20	50	
Sand, muddy-----	10	60	
Sand, very fine-----	11	71	

Well 34/8W-18P2

Type of record: Driller's log. Altitude: 730 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow-----	30	30	
Clay, blue-----	20	50	
Mud and sand-----	10	60	
Sand, very fine-----	35	95	
Sand-----	6	101	

Well 34/8W-18R5

Type of record: Driller's log. Altitude: 750 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, red-----	10	10	
Clay, blue-----	10	20	
Glacial drift-----	20	40	
Sand, coarse, and small gravel--	17	57	
Sand, coarse-----	10	67	

Well 34/8W-19P3

Type of record: Driller's log. Altitude: 720 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow-----	21	21	
Clay, blue-----	21	42	
Clay and sand-----	31	73	
Sand-----	13	86	

Well 34/8W-20L1

Type of record: Driller's log. Altitude: 740 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, gummy, black-----	10	10	
Clay, gritty, brown-----	7	17	
Clay, gritty, gray-----	6	23	
Clay, gravelly, gray-----	17	40	

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

Well 34/8W-20L1--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, sandy, gray-----	20	60	
Sand, fine, gray-----	7	67	
Sand, fine, gray-----	4	71	
Sand, fine, dark-gray-----	3	74	
Sand, medium, with little gravel	5	79	
Sand, fine, gray-----	3	82	
Sand, very fine, gray-----	3	85	Becoming muddy.

Well 34/8W-20M4

Type of record: Driller's log from memory. Altitude: 740 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, brown and blue-----	42	42	
Clay, blue, and sand; mixed-----	4	46	
Sand, white-----	17	63	

Well 34/8W-21D3

Type of record: Driller's log. Altitude: 730 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow-----	25	25	
Sand, brown-----	2	27	
Clay, hard, blue-----	7	34	
Sand, gray, and gravel-----	16	50	
Sand, gray-----	29	79	

Well 34/8W-21L2

Type of record: Driller's log. Altitude: 730 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow-----	30	30	
Clay, blue, and sand-----	30	60	
Sand, muddy-----	13	73	
Sand-----	12	85	

Well 34/8W-22N1

Type of record: Driller's log. Altitude: 745 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay-----	40	40	
Sand, hard, and clay-----	9	49	
Sand-----	4	53	

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

Well 34/8W-30B1

Type of record: Driller's log. Altitude: 710 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow-----	10	10	
Clay, blue-----	11	21	
Clay, blue, and sand-----	39	60	
Sand-----	7	67	

Well 34/9W-1R6

Type of record: Driller's log. Altitude: 695 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow-----	10	10	
Clay, blue-----	20	30	
Clay, blue-----	71	101	
Sand-----	6	107	

Well 34/9W-1R7

Type of record: Driller's log. Altitude: 705 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow-----	21	21	
Clay, blue, and sand-----	10	31	
Sand, muddy-----	49	80	
Sand-----	8	88	

Well 34/9W-5D1

Type of record: Driller's log. Altitude: 710 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	1	1	
Clay, blue-----	64	65	
Sand, fine, with some gravel----	33	98	
Clay, blue-----	36	134	

Well 34/9W-5D2

Type of record: Driller's log. Altitude: 710 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	1	1	
Clay, blue, with gravel streaks-	55	56	
Gravel and fine sand-----	47	103	
Clay, blue-----	1	104	

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

Well 34/9W-5D3

Type of record: Driller's log. Altitude: 690 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay-----	31	31	
Sand and gravel-----	4	35	
Sand-----	32	67	
Sand and gravel-----	2	69	
Sand-----	15	84	
Clay-----	32	116	
Silurian system:			
Middle Silurian series:			
Rock-----	52	168	Dolomite or dolomitic limestone.

Well 34/9W-5E1

Type of record: Driller's log. Altitude: 710 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	4	4	
Clay, yellow-----	16	20	
Clay, blue-----	35	55	
Sand and clay-----	10	65	
Sand, coarse, loose-----	30	95	
Sand, fine-----	30	125	Clay at 125 feet.

Well 34/9W-5R2

Type of record: Driller's log. Altitude: 680 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay-----	19	19	
Sand-----	4	23	
Sand, clay, and gravel-----	72	95	
Silurian system:			
Middle Silurian series:			
Rock-----	29	124	Dolomite or dolomitic limestone.

Well 34/9W-9A2

Type of record: Driller's log. Altitude: 720 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay-----	33	33	
Gravel-----	7	40	
Sand-----	76	116	
Clay-----	39	155	

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

Well 34/9W-9A2--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Silurian system: Middle Silurian series: Rock-----	28	183	Dolomite or dolomitic limestone.

Well 34/9W-9H1

Type of record: Driller's log. Altitude: 720 feet.

Quaternary system: Recent and Pleistocene series:			
Clay-----	40	40	
Sand-----	66	106	
Clay-----	27	133	
Devonian system: Upper Devonian series:			
Shale-----	20	153	
Silurian system: Middle Silurian series:			
Rock-----	35	188	Dolomite or dolomitic limestone.

Well 34/9W-11A3

Type of record: Driller's log. Altitude: 695 feet.

Quaternary system: Recent and Pleistocene series:			
Clay-----	60	60	
Sand-----	5	65	
Clay-----	1	66	
Quicksand-----	4	70	
Clay-----	35	105	
Sand and gravel-----	10	115	
Sand, coarse-----	57	172	
Silurian system: Middle Silurian series:			
Limestone-----	33	205	Dolomite or dolomitic limestone.

Well 34/9W-11M2

Type of record: Driller's log. Altitude: 730 feet.

Quaternary system: Recent and Pleistocene series:			
Clay, yellow-----	21	21	
Clay, blue-----	21	42	
Clay and sand-----	21	63	
Sand, muddy-----	7	70	
Sand-----	22	92	

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

Well 34/9W-12F1

Type of record: Driller's log.

Altitude: 720 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	4	4	
Clay, gray-----	16	20	
Sand, yellow-----	4	24	
Clay, gray-----	13	37	
Sand-----	31	68	

Well 34/9W-12P3

Type of record: Driller's log.

Altitude: 730 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay-----	33	33	
Sand-----	2	35	
Clay-----	27	62	
Sand-----	52	114	
Clay-----	36	150	
Glacial drift-----	26	176	
Silurian system:			
Middle Silurian series:			
Rock-----	57	233	Dolomite or dolomitic limestone.

Well 34/9W-13B1

Type of record: Driller's log.

Altitude: 730 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow-----	20	20	
Clay, blue-----	20	40	
Sand, fine-----	65	105	
Drift-----	80	185	
Devonian system:			
Upper Devonian series:			
Shale, green-----	8	193	Water-bearing.
Shale, black-----	8	201	Do.
Middle Devonian series?:			
Limestone, brown-----	6	207	Dolomite or dolomitic limestone.
Silurian system:			
Middle Silurian series:			
Limestone-----	31	238	Do.

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

Well 34/9W-13G4

Type of record: Driller's log.

Altitude: 750 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, hard, yellow-----	21	21	
Clay, blue-----	11	32	
Clay, sandy, blue-----	21	53	
Gravel and gray sand-----	2	55	
Clay, soft, blue-----	2	57	
Sand, gray-----	2	59	
Sand, soft, gray-----	2	61	
Sand, fine, gray-----	11	72	
Sand, coarse, gray-----	6	78	

Well 34/9W-14E2

Type of record: Driller's log.

Altitude: 700 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay-----	58	58	
Sand-----	60	118	
Silurian system:			
Middle Silurian series:			
Rock-----	20	138	Dolomite or dolomitic limestone.

Well 34/9W-15H1

Type of record: Driller's log.

Altitude: 740 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow-----	60	60	
Gravel, sandy-----	8	68	
Clay, gray-----	12	80	
Sand, fine-----	43	123	
Clay, blue-----	44	167	
Silurian system:			
Middle Silurian series:			
Limestone-----	11	178	Dolomite or dolomitic limestone.

Well 34/9W-16R1

Type of record: Driller's log from memory.

Altitude: 725 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, brown-----	35	35	
Clay, blue, sand, and gravel; mixed-----	55	90	
Sand, white-----	28	118	

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

Well 34/9W-17G1

Type of record: Driller's log. Altitude: 725 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay-----	42	42	
Sand-----	84	126	
Clay-----	27	153	
Silurian system:			
Middle Silurian series:			
Rock-----	32	185	Dolomite or dolomitic limestone.

Well 34/9W-19A1

Type of record: Driller's log. Altitude: 670 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Peat-----	6	6	
Marl-----	6	12	
Clay, blue-----	32	44	
Sand-----	8	52	
Clay, slimy, blue-----	34	86	
Gravel, coarse-----	2	88	
Silurian system:			
Middle Silurian series:			
Limestone-----	8	96	Dolomite or dolomitic limestone.

Well 34/9W-20A1

Type of record: Driller's log. Altitude: 740 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay-----	40	40	
Sand and clay-----	20	60	
Sand-----	25	85	
Sand, coarse-----	33	118	
Clay-----	52	170	
Shale and clay-----	4	174	
Silurian system:			
Middle Silurian series:			
Limestone-----	20	194	Dolomite or dolomitic limestone.

Well 34/9W-20Q1

Type of record: Driller's log. Altitude: 755 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay-----	38	38	

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

Well 34/9W-20Q1--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Gravel-----	7	45	
Sand-----	60	105	
Clay-----	81	186	
Silurian system:			
Middle Silurian series:			
Rock-----	67	253	Dolomite or dolomitic limestone.

Well 34/9W-20Q2

Type of record: Driller's log.

Altitude: 755 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay-----	33	33	
Sand and gravel-----	21	54	
Sand-----	51	105	
Clay-----	13	118	
Sand-----	24	142	
Clay-----	46	188	
Silurian system:			
Middle Silurian series:			
Rock-----	55	243	Dolomite or dolomitic limestone.

Well 34/9W-20R5

Type of record: Driller's log.

Altitude: 760 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay-----	33	33	
Gravel-----	2	35	
Sand-----	68	103	
Clay-----	10	113	
Sand-----	29	142	
Clay-----	47	189	
Silurian system:			
Middle Silurian series:			
Rock-----	54	243	Dolomite or dolomitic limestone.

Well 34/9W-21C2

Type of record: Driller's log.

Altitude: 750 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow-----	30	30	
Clay, blue-----	20	50	

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

Well-34/9W-21C2--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay and sand-----	13	63	
Sand-----	8	71	

Well 34/9W-21F1

Type of record: Driller's log. Altitude: 760 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow-----	21	21	
Clay, blue-----	21	42	
Clay, sand, and gravel-----	13	55	
Sand-----	16	71	

Well 34/9W-21J1

Type of record: Driller's log. Altitude: 760 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay-----	20	20	
Quicksand-----	166	186	
Silurian system:			
Middle Silurian series:			
Limestone, soft to medium-hard, blue-gray to gray-----	119	305	Dolomite or dolomitic limestone.

Well 34/9W-22D1

Type of record: Driller's log. Altitude: 740 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow-----	20	20	
Clay, blue, and gravel-----	25	45	
Gravel, sand, and clay; mixed---	75	120	
Sand-----	7	127	

Well 34/9W-22Q1

Type of record: Driller's log. Altitude: 710 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, red-----	35	35	
Clay, gravelly, gray-----	35	70	
Sand and clay-----	50	120	In layers.
Clay, blue-----	20	140	

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

Well 34/9W-22Q1--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Silurian system: Middle Silurian series: Limestone-----	8	148	Dolomite or dolomitic limestone.

Well 34/9W-23E3

Type of record: Driller's log.		Altitude: 700 feet.	
Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow-----	20	20	
Clay, blue-----	42	62	
Clay, sandy-----	11	73	
Sand-----	37	110	
Clay, silty-----	15	125	
Gravel-----	5	130	
Silurian system:			
Middle Silurian series:			
Limestone-----	17	147	Dolomite or dolomitic limestone.

Well 34/9W-23F1

Type of record: Driller's log.		Altitude: 760 feet.	
Quaternary system:			
Recent and Pleistocene series:			
Clay-----	40	40	
Sand and clay-----	20	60	
Clay-----	12	72	
Sand, medium-----	23	95	

Well 34/9W-23F4

Type of record: Driller's log.		Altitude: 760 feet.	
Quaternary system:			
Recent and Pleistocene series:			
Clay-----	65	65	
Sand-----	15	80	
Sand, fine-----	40	120	
Clay-----	74	194	
Devonian system:			
Upper Devonian series:			
Shale-----	4	198	
Silurian system:			
Middle Silurian series:			
Limestone-----	49	247	Dolomite or dolomitic limestone.

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

Well 34/9W-23G5

Type of record: Driller's log.

Altitude: 760 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay-----	50	50	
Clay and sand-----	20	70	
Sand, fine-----	80	150	
Clay-----	50	200	
Devonian system:			
Upper Devonian series:			
Shale-----	3	203	
Silurian system:			
Middle Silurian series:			
Limestone-----	32	235	Dolomite or dolomitic limestone.

Well 34/9W-23G11

Type of record: Driller's log.

Altitude: 765 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow-----	21	21	
Clay, blue-----	39	60	
Clay and sand-----	15	75	
Sand-----	11	86	

Well 34/9W-23L1

Type of record: Driller's log.

Altitude: 750 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow-----	30	30	
Clay, blue-----	20	50	
Sand and gravel-----	10	60	
Sand-----	11	71	

Well 34/9W-23L2

Type of record: Driller's log.

Altitude: 760 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow-----	15	15	
Clay, blue-----	25	40	
Sand, fine-----	35	75	
Sand, medium to fine-----	30	105	
Sand, very fine-----	15	120	
Sand, coarse-----	20	140	
Clay, soft, blue-----	5	145	
Clay, firm, blue-----	5	150	
Clay, soft, blue-----	47	197	

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

Well 34/9W-26B1			Altitude: 725 feet.
Type of record: Driller's log.			
Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	5	5	
Clay, blue-----	35	40	
Sand, fine-----	5	45	
Clay-----	35	80	
Sand, fine-----	1	81	
Sand-----	5	86	
Well 34/9W-26B2			
Type of record: Driller's log.			Altitude: 740 feet.
Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow-----	20	20	
Clay, blue-----	40	60	
Sand, fine-----	20	80	
Sand, medium-----	30	110	
Sand, fine-----	15	125	
Clay, blue-----	40	165	
Sand, very fine-----	20	185	
Silurian system:			
Middle Silurian series:			
Limestone-----	35	220	Dolomite or dolomitic limestone.
Well 34/9W-26F1			
Type of record: Driller's log.			Altitude: 710 feet.
Quaternary system:			
Recent and Pleistocene series:			
Clay-----	35	35	
Sand-----	55	90	
Clay, blue-----	56	146	
Silurian system:			
Middle Silurian series:			
Rock-----	6	152	Dolomite or dolomitic limestone.
Well 34/9W-26G1			
Type of record: Driller's log.			Altitude: 735 feet.
Quaternary system:			
Recent and Pleistocene series:			
Clay-----	45	45	
Sand and clay-----	10	55	
Sand-----	15	70	
Sand, medium-----	60	130	

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

Well 34/9W-26G1--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, blue-----	54	184	
Devonian system:			
Upper Devonian series:			
Shale-----	5	189	
Silurian system:			
Middle Silurian series:			
Limestone-----	26	215	Dolomite or dolomitic limestone.

Well 34/9W-26L1

Type of record: Driller's log.

Altitude: 715 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	2	2	
Clay-----	38	40	
Sand-----	5	45	
Gravel-----	5	50	
Sand, coarse-----	14	64	
Sand, fine-----	6	70	
Shale?-----	2	72	
Sand-----	33	105	
Clay, blue-----	49	154	
Silurian system:			
Middle Silurian series:			
Limestone-----	7	161	Dolomite or dolomitic limestone.

Well 34/9W-26N1

Type of record: Driller's log.

Altitude: 710 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow-----	30	30	
Sand and gravel-----	46	76	
Sand-----	12	88	

Well 34/9W-26Q3

Type of record: Driller's log.

Altitude: 720 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay-----	32	32	
Sand and gravel-----	16	48	
Sand, coarse-----	6	54	
Sand, medium-----	11	65	

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

Well 34/9W-26R1

Type of record: Driller's log. Altitude: 725 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow-----	21	21	
Clay, blue-----	9	30	
Clay and sand-----	54	84	
Sand-----	8	92	

Well 34/9W-28A1

Type of record: Driller's log. Altitude: 745 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay-----	70	70	
Sand-----	10	80	
Clay-----	20	100	
Sand-----	22	122	
Clay-----	53	175	
Silurian system:			
Middle Silurian series:			
Rock-----	16	191	Dolomite or dolomitic limestone.

Well 34/9W-28C1

Type of record: Driller's log. Altitude: 745 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay-----	32	32	
Sand-----	60	92	
Clay-----	5	97	
Sand-----	31	128	
Clay-----	37	165	
Silurian system:			
Middle Silurian series:			
Rock-----	21	186	Dolomite or dolomitic limestone.

Well 34/9W-28D1

Type of record: Driller's log. Altitude: 760 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Record missing-----		64	
Clay, white-----	2	66	
Shale-----	3	69	Clay or shaly gravel.
Sand-----	11	80	

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

Well 34/9W-28D3

Type of record: Driller's log. Altitude: 755 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay-----	40	40	
Sand-----	61	101	
Clay-----	42	143	
Glacial drift-----	30	173	
Silurian system:			
Middle Silurian series:			
Rock-----	59	232	Dolomite or dolomitic limestone.

Well 34/9W-28D4

Type of record: Driller's log. Altitude: 750 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay-----	30	30	
Gravel-----	2	32	
Sand-----	8	40	
Clay and gravel-----	10	50	
Sand-----	6	56	

Well 34/9W-28D5

Type of record: Driller's log. Altitude: 755 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, red and gray-----	50	50	
Sand, fine, gray-----	52	102	
Clay, blue-----	7	109	
Sand, fine-----	41	150	
Clay, blue-----	20	170	
Silurian system:			
Middle Silurian series:			
Limestone-----	4	174	Dolomite or dolomitic limestone.

Well 34/9W-31R1

Type of record: Driller's log. Altitude: 670 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Peat-----	16	16	
Clay-----	22	38	
Sand, fine to medium, and gravel-----	33	71	

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

Well 34/9W-31R1--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Silurian system: Middle Silurian series: Limestone, white-----	57	128	Dolomite.

Well 34/9W-34B1

Type of record: Driller's log.		Altitude: 700 feet.	
Quaternary system: Recent and Pleistocene series:			
Clay-----	60	60	
Sand, medium-----	80	140	
Clay, blue-----	12	152	
Silurian system: Middle Silurian series: Limestone-----	17	169	Dolomite or dolomitic limestone.

Well 34/9W-35A1

Type of record: Driller's log.		Altitude: 730 feet.	
Quaternary system: Recent and Pleistocene series:			
Clay-----	41	41	
Sand and gravel-----	19	60	
Sand, medium-----	50	110	
Clay, blue-----	40	150	
Devonian system: Upper Devonian series: Shale-----	10	160	
Silurian system: Middle Silurian series: Limestone-----	54	214	Dolomite or dolomitic limestone.

Well 34/9W-35A2

Type of record: Driller's log.		Altitude: 720 feet.	
Quaternary system: Recent and Pleistocene series:			
Clay-----	48	48	
Sand-----	62	110	
Clay-----	36	146	
Devonian system: Upper Devonian series: Shale-----	6	152	Water-bearing.
Silurian system: Middle Silurian series: Limestone-----	53	205	Dolomite or dolomitic limestone.

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

Well 34/9W-35C1

Type of record: Driller's log. Altitude: 720 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay-----	42	42	
Sand and clay-----	18	60	
Sand, medium-----	10	70	
Sand and gravel-----	20	90	
Sand, medium-----	30	120	
Clay-----	54	174	
Shale and clay-----	2	176	
Silurian system:			
Middle Silurian series:			
Limestone-----	43	219	Dolomite or dolomitic limestone.

Well 34/9W-35G1

Type of record: Driller's log. Altitude: 710 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay-----	40	40	
Clay and sand-----	8	48	
Clay-----	102	150	
Shale and clay-----	2	152	
Silurian system:			
Middle Silurian series:			
Limestone-----	68	220	Dolomite or dolomitic limestone.

Well 34/9W-35G2

Type of record: Driller's log. Altitude: 690 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay-----	40	40	
Sand and clay-----	20	60	
Sand, clay, and gravel-----	15	75	
Clay-----	65	140	
Silurian system:			
Middle Silurian series:			
Limestone-----	30	170	Dolomite or dolomitic limestone.

Well 34/9W-35J2

Type of record: Driller's log from memory. Altitude: 730 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, fine-----	4	4	

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

Well 34/9W-35J2--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow-----	21	25	
Clay, blue-----	22	47	
Sand, fine-----	9	56	

Well 34/10W-25D1

Type of record: Driller's log.		Altitude: 750 feet.	
Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow, and sand-----	60	60	
Clay, blue, and sand-----	20	80	
Sand-----	68	148	
Clay, blue-----	25	173	
Sand, red-----	4	177	
Silurian system:			
Middle Silurian series:			
Limestone-----	26	203	Dolomite or dolomitic limestone.

Well 35/7W-5F1

Type of record: Driller's log from memory.		Altitude: 630 feet.	
Quaternary system:			
Recent and Pleistocene series:			
Clay, blue-----	18	18	
Sand, coarse, gray-----	14	32	
Clay, blue-----	3	35	

Well 35/7W-7R1

Type of record: Driller's log from memory.		Altitude: 650 feet.	
Quaternary system:			
Recent and Pleistocene series:			
Clay, blue-----	31	31	
Sand, very fine, or silt-----	19	50	
Sand-----	17	67	Coarser.

Well 35/7W-9C1

Type of record: Driller's log from memory.		Altitude: 635 feet.	
Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow-----	19	19	
Sand, yellow-----	3	22	
Clay, blue-----	12	34	
Clay, blue, and gravel; mixed---	6	40	
Gravel, fine to medium-----	4	44	

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

Well 35/7W-17D1

Type of record: Driller's log.

Altitude: 655 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow-----	21	21	
Clay, soft, blue-----	2	23	
Gravel and sand-----	1	24	
Clay, soft, blue-----	6	30	
Gravel and sand-----	2	32	
Clay, soft, blue-----	3	35	
Gravel-----	2	37	
Sand, fine, gray-----	23	60	
Sand, coarse, gray-----	13	73	

Well 35/7W-17M1

Type of record: Driller's log from memory.

Altitude: 665 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, blue-----	35	35	
Sand and gravel; dirty-----	7	42	
Sand and gravel-----	7	49	

Well 35/7W-18A2

Type of record: Driller's log.

Altitude: 650 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, brown-----	21	21	
Clay, blue-----	15	36	
Sand, white-----	44	80	

Well 35/7W-18E4

Type of record: Driller's log.

Altitude: 660 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow-----	21	21	
Clay, gray-----	3	24	
Sand, yellow, and clay-----	4	28	
Sand, gray, and clay-----	4	32	
Clay-----	1	33	
Sand-----	9	42	
Sand and gravel-----	4	46	

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

Well 35/7W-18E5

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

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, brown-----	18	18	
Clay, gray-----	16	34	
Sand, gray, and medium gravel---	3	37	

Well 35/7W-21C1

Type of record: Driller's log from memory. Altitude: 675 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, blue-----	34	34	
Sand-----	3	37	
Clay, blue-----	6	43	
Gravel and sand-----	18	61	

Well 35/7W-21F1

Type of record: Driller's log. Altitude: 665 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, blue-----	34	34	
Sand, coarse-----	3	37	
Gravel, fine to medium-----	7	44	
Sand, coarse-----	6	50	

Well 35/7W-21L1

Type of record: Driller's log. Altitude: 678 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow-----	32	32	
Clay, sandy, blue-----	10	42	
Sand and stone-----	4	46	
Clay, sandy, blue-----	14	60	
Sand-----	119	179	
Devonian system:			
Middle Devonian? series:			
Stone, soft, gray-----	21	200	Dolomitic limestone?

Well 35/8W-2E1

Type of record: Driller's log. Altitude: 645 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow-----	20	20	
Clay, soft, blue-----	5	25	
Sand, gray, and gravel-----	3	28	

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

Well 35/8W-2E1--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, blue-----	9	37	
Gravel-----	3	40	
Clay, soft, blue-----	4	44	
Gravel-----	1	45	
Clay, blue-----	1	46	
Sand, fine, gray, and gravel---	11	57	
Gravel-----	3	60	
Sand, medium, gray-----	7	67	

Well 35/8W-3M1

Type of record: Driller's log.

Altitude: 635 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow-----	10	10	
Clay, blue, with sand-----	20	30	
Sand-----	19	49	

Well 35/8W-5L1

Type of record: Driller's log.

Altitude: 632 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow-----	20	20	
Clay, soft, blue-----	8	28	
Sand, brown-----	2	30	
Sand, gray, and gravel-----	9	39	
Sand, fine, gray and black-----	17	56	
Sand, medium, gray-----	7	63	

Well 35/8W-5L2

Type of record: Driller's log.

Altitude: 635 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, brown-----	16	16	
Clay, gray-----	6	22	
Gravel, gray, and medium sand---	5	27	

Well 35/8W-9D1

Type of record: Driller's log.

Altitude: 630 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow-----	16	16	
Clay, soft, blue-----	11	27	
Sand, fine, gray-----	3	30	

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

Well 35/8W-9D1--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Gravel and sand-----	9	39	
Sand and clay-----	3	42	
Sand, gray-----	6	48	

Well 35/8W-10N1

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

Quaternary system:			
Recent and Pleistocene series:			
Clay-----	3	3	
Gravel and sand-----	17	20	
Clay-----	12	32	
Sand with thin clay streamers---	40	72	

Well 35/8W-13L2

Type of record: Driller's log. Altitude: 660 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow-----	23	23	
Clay, soft, blue-----	4	27	
Clay, hard, blue-----	6	33	
Gravel-----	3	36	
Clay, blue-----	1	37	
Sand, gray-----	13	50	
Clay, gray-----	4	54	
Sand, gray-----	14	68	

Well 35/8W-13N1

Type of record: Driller's log. Altitude: 660 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow-----	20	20	
Clay, blue-----	30	50	
Sand-----	16	66	

Well 35/8W-15E7

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

Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow and blue-----	21	21	
Clay, blue-----	12	33	
Sand, gray-----	9	42	
Gravel-----	2	44	
Sand, gray-----	4	48	

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

Well 35/8W-16H1

Type of record: Driller's log.

Altitude: 650 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Top soil and sandy clay-----	36	36	
Sand, fine-----	5	41	
Clay, sandy-----	24	65	
Sand, fine-----	13	78	
Clay, sandy-----	2	80	
Clay, soft, blue-----	18	98	
Devonian system:			
Upper Devonian series:			
Chert, black-----	1	99	
Shale, black-----	21	120	

Well 35/8W-16J1

Type of record: Driller's log.

Altitude: 630 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow and blue-----	21	21	
Sand, gray, and gravel-----	2	23	
Clay, blue-----	3	26	
Sand, gray, with gravel-----	13	39	
Sand, gray-----	9	48	

Well 35/8W-17B1

Type of record: Driller's log.

Altitude: 640 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow-----	10	10	
Clay and sand-----	11	21	
Sand-----	16	37	

Well 35/8W-17P1

Type of record: Driller's log.

Altitude: 660 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, red-----	20	20	
Clay, red, and sand-----	5	25	
Sand, coarse-----	5	30	
Shale, sandy-----	5	35	Clay?.
Quicksand-----	3	38	
Sand-----	42	80	
Sand, shale, and small gravel---	10	90	
Sand, coarse-----	6	96	
Sand-----	6	102	

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

Well 35/8W-18K1

Type of record: Driller's log. Altitude: 660 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay-----	35	35	
Clay and gravel-----	5	40	
Sand-----	10	50	

Well 35/8W-18L1

Type of record: Driller's log. Altitude: 660 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow-----	21	21	
Clay with sand-----	14	35	
Sand-----	13	48	

Well 35/8W-20L1

Type of record: Driller's log. Altitude: 690 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay-----	30	30	
Sand, fine-----	5	35	
Clay, blue-----	28	63	
Quicksand and clay-----	2	65	
Sand-----	15	80	
Clay-----	5	85	
Clay and quicksand-----	5	90	
Sand-----	20	110	
Clay-----	20	130	
Sand-----	10	140	
Shale-----	10	150	
Sand-----	10	160	
Gravel-----	12	172	
Devonian system:			
Upper Devonian series:			
Shale-----	20	192	

Well 35/8W-20L2

Type of record: Driller's log. Altitude: 690 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay-----	30	30	
Sand, fine-----	5	35	
Clay, blue-----	28	63	
Sand and clay-----	2	65	
Clay-----	32	97	
Shale and sand-----	4	101	

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

Well 35/8W-20L2--Continued

Material	Thick-ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand-----	4	105	

Well 35/8W-20L3

Type of record: Driller's log.		Altitude: 680 feet.	
Quaternary system:			
Recent and Pleistocene series:			
Clay-----	30	30	
Sand, fine-----	5	35	
Clay, blue-----	28	63	
Quicksand and clay-----	2	65	
Sand, fine-----	1	66	
Sand, coarse-----	1	67	Trace of shale.
Quicksand-----	13	80	
Clay and quicksand-----	5	85	
Quicksand with trace of shale---	5	90	
Sand, medium, white-----	3	93	
Sand with shale-----	1	94	
Sand, coarse, and shale-----	6	100	

Well 35/8W-20L6

Type of record: Driller's log.		Altitude: 685 feet.	
Quaternary system:			
Recent and Pleistocene series:			
Clay-----	30	30	
Sand, fine-----	5	35	
Sand and clay; mixed-----	51	86	
Sand-----	6	92	

Well 35/8W-20L7

Type of record: Driller's log.		Altitude: 680 feet.	
Quaternary system:			
Recent and Pleistocene series:			
Clay-----	30	30	
Sand, fine-----	5	35	
Clay, blue-----	28	63	
Clay-----	17	80	
Sand-----	14	94	

Well 35/8W-20P1

Type of record: Driller's log.		Altitude: 690 feet.	
Quaternary system:			
Recent and Pleistocene series:			
Clay, brown-----	18	18	

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

Well 35/8W-20P1--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, blue-----	29	47	
Clay, blue, and gravel-----	16	63	
Clay, blue, and sand-----	2	65	
Sand-----	30	95	Blue clay and gravel at 95 feet.

Well 35/8W-29P1

Type of record: Driller's log. Altitude: 720 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	2	2	
Clay, blue-----	58	60	
Clay, sandy-----	18	78	
Sand, fine, brown-----	12	90	
Sand, medium, white-----	14	104	
Clay, sandy-----	4	108	

Well 35/8W-29P2

Type of record: Driller's log. Altitude: 720 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow-----	12	12	
Clay, blue-----	60	72	
Sand, medium-----	17	89	Clay and boulders at 89 feet.

Well 35/8W-29P3

Type of record: Driller's log. Altitude: 720 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	6	6	
Clay, blue-----	61	67	
Clay, hard, sandy, blue-----	11	78	
Hardpan, sandy-----	19	97	
Sand, medium-----	9	106	
Clay, sandy-----	14	120	
Devonian system:			
Upper Devonian series:			
Shale-----	13	133	

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

Well 35/8W-29P4

Type of record: Driller's log.

Altitude: 720 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay-----	54	54	
Clay, blue-----	6	60	
Clay and sand-----	4	64	
Sand, fine-----	2	66	
Sand-----	49	115	
Clay and sand-----	10	125	
Clay-----	20	145	

Well 35/8W-29P5

Type of record: Driller's log.

Altitude: 720 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, black and top soil-----	2	2	
Clay, gray-----	78	80	
Sand, medium, muddy-----	5	85	
Sand, medium-----	5	90	Clean.
Sand, medium and coarse-----	15	105	Clay at 105 feet.

Well 35/9W-2B1

Type of record: Driller's log.

Altitude: 635 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Fill-----	3	3	
Sand-----	13	16	
Clay, sandy-----	4	20	
Clay-----	37	57	
Clay and gravel-----	1	58	
Sand, medium-----	12	70	

Well 35/9W-2B2

Type of record: Driller's log.

Altitude: 635 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand-----	18	18	
Clay-----	7	35	
Sand, fine-----	17	52	
Sand, finer-----	20	72	
Sand, fine, and clay-----	3	75	

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

Well 35/9W-2C1

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

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, brown-----	6	6	
Sand, gray-----	15	21	
Clay, blue-----	15	36	
Sand and some gravel-----	4	40	
Sand and clay; in strips-----	10	50	
Sand, fine, gray-----	5	55	
Sand, medium-----	25	80	
Sand, fine-----	6	86	

Well 35/9W-2C2

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

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Soil and muddy sand-----	10	10	
Sand, brown-----	10	20	
Sand, white-----	20	40	
Sand, fine, and some gravel-----	25	65	
Sand, fine-----	20	85	

Well 35/9W-2F1

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

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, fine-----	119	119	
Clay, blue-----	8	127	
Sand, fine-----	4	131	
Silurian system:			
Middle Silurian series:			
Rock (chert)-----	4	135	
Rock, lime-----	13	148	Dolomite or dolomitic limestone.

Well 35/9W-2J1

Type of record: Driller's log. Altitude: 638 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Soil, sandy, gray-----	8	8	
Sand, medium, and gravel-----	6	14	
Clay, hard-----	24	38	
Sand, fine to medium-----	3	41	
Sand, coarse, and gravel-----	5	46	
Sand, fine to medium-----	36	82	Clay at 82 feet.

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

Well 35/9W-3H1

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-----	4	21	
Sand, coarse-----	22	43	
Sand, fine-----	4	47	
Sand, medium-----	22	69	

Well 35/9W-3H3

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

Quaternary system:			
Recent and Pleistocene series:			
Top soil, fill dirt, and cinders	2	2	
Sand, fine, brown-----	7	9	
Sand, fine, gray-----	8	17	
Clay, very hard-----	4	21	
Sand, gray-----	22	43	
Sand, fine, gray-----	19	62	
Sand, muddy, gray-----	3	65	

Well 35/9W-4Q1

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

Quaternary system:			
Recent and Pleistocene series:			
Sand, fine-----	26	26	
Clay, gray-----	4	30	
Quicksand-----	60	90	
Gravel, fine to very coarse----	25	115	Some sand.
Gravel, cemented-----	5	120	
Gravel, broken-----	6	126	
Silurian system:			
Middle Silurian? series:			
Limestone, brown, gray, and black; mixed-----	24	150	Dolomite or dolomitic limestone; with flint.
Limestone, medium-hard, gray----	96	246	Dolomite or dolomitic limestone.

Well 35/9W-5R1

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

Quaternary system:			
Recent and Pleistocene series:			
Clay-----	33	33	
Sand and gravel-----	57	90	

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

Well 35/9W-5R1--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay-----	4	94	
Hardpan-----	17	111	
Silurian system:			
Middle Silurian series:			
Limestone, shaly-----	229	340	Dolomite or dolomitic limestone.
Limestone, blue-----	220	560	Do.
Shale-----	65	625	
Limestone-----	98	723	Dolomite or dolomitic limestone.
Ordovician system?:			
Upper Ordovician series:			
Shale-----	12	735	

Well 35/9W-9D1

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

Quaternary system:			
Recent and Pleistocene series:			
Sand-----	30	30	
Clay-----	15	45	
Sand, fine-----	25	70	
Gravel-----	46	116	
Silurian system:			
Middle Silurian series:			
Lime, gray-----	154	270	Dolomite or dolomitic limestone.

Well 35/9W-9D2

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

Quaternary system:			
Recent and Pleistocene series:			
Soil, sandy-----	20	20	
Sand and clay-----	23	43	
Sand-----	61	104	
Silurian system:			
Middle Silurian series:			
Lime, sandy, gray-----	35	139	Dolomite or dolomitic limestone.
Lime, blue-----	113	252	Do.

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

Well 35/9W-9K1

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

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand-----	14	14	
Clay, sandy, and quicksand-----	95	109	
Silurian system:			
Middle Silurian series:			
Lime, hard, cherty, brown-----	103	212	

Well 35/9W-16A1

Type of record: Driller's log. Altitude: 660 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand-----	6	6	
Clay-----	18	24	
Clay and gravel-----	16	40	
Hardpan-----	10	50	
Sand, muddy-----	23	73	
Devonian system?:			
Upper Devonian series:			
Shale, sandy-----	45	118	
Shale, sticky-----	8	126	
Silurian system:			
Middle Silurian series:			
Lime-----	4	130	Dolomite or dolomitic limestone.
Lime, broken, and shale-----	51	181	Do.
Lime, hard-----	3	184	Do.
Lime, shaly-----	13	197	Do.
Lime, hard-----	5	202	Do.
Lime, shaly-----	43	245	Do.
Lime, dirty-----	15	260	Do.
Lime, clean-----	32	292	Do.
Lime, dirty-----	4	296	Do.
Lime-----	28	324	Do.

Well 35/9W-18N2

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

Quaternary system:			
Recent and Pleistocene series:			
Clay-----	65	65	
Sand-----	22	87	
Glacial drift-----	10	97	
Silurian system:			
Middle Silurian series:			
Rock-----	46	143	Dolomite or dolomitic limestone.

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

Well 35/9W-18N3

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

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay-----	38	38	
Sand-----	30	68	
Clay-----	22	90	
Glacial drift-----	4	94	
Silurian system:			
Middle Silurian series:			
Rock-----	29	123	Dolomite or dolomitic limestone.

Well 35/9W-18N5

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

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay-----	28	28	
Sand-----	45	73	
Gravel-----	20	93	
Silurian system:			
Middle Silurian series:			
Rock-----	50	143	Dolomite or dolomitic limestone.

Well 35/9W-18N10

Type of record: Driller's log. Altitude: 655 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay-----	27	27	
Sand-----	43	70	
Clay-----	18	88	
Sand-----	8	96	
Glacial drift-----	12	108	
Silurian system:			
Middle Silurian series:			
Rock-----	45	153	Dolomite or dolomitic limestone.

Well 35/9W-18R1

Type of record: Driller's log. Altitude: 670 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay-----	53	53	
Sand-----	23	76	
Sand and gravel-----	8	84	
Clay-----	16	100	

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

Well 35/9W-18R1--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Gravel-----	5	105	
Clay-----	20	125	
Gravel and shale-----	6	131	
Silurian system:			
Middle Silurian series:			
Rock-----	6	137	Dolomite or dolomitic limestone.

Well 35/9W-19D1

Type of record: Driller's log.		Altitude: 650 feet.	
Quaternary system:			
Recent and Pleistocene series:			
Clay-----	38	38	
Gravel-----	20	58	
Sand-----	32	90	
Glacial drift-----	4	94	
Silurian system:			
Middle Silurian series:			
Rock-----	44	138	Dolomite or dolomitic limestone.

Well 35/9W-20C1

Type of record: Driller's log from memory.		Altitude: 670 feet.	
Quaternary system:			
Recent and Pleistocene series:			
Clay, brown-----	35	35	
Clay, blue-----	13	48	
Sand, medium to coarse, white---	18	66	

Well 35/9W-20F1

Type of record: Driller's log.		Altitude: 665 feet.	
Quaternary system:			
Recent and Pleistocene series:			
Clay-----	36	36	
Sand-----	8	44	
Clay-----	21	65	
Sand-----	5	70	

Well 35/9W-20P1

Type of record: Driller's log.		Altitude: 690 feet.	
Quaternary system:			
Recent and Pleistocene series:			
Clay-----	60	60	

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

Well 35/9W-20P1--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand-----	40	100	
Sand and gravel-----	26	126	
Gravel and shale-----	15	141	
Silurian system:			
Middle Silurian series:			
Rock-----	4	145	Dolomite or dolomitic limestone.

Well 35/9W-20P2

Type of record: Driller's log. Altitude: 690 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay-----	56	56	
Sand-----	65	121	
Clay-----	14	135	
Glacial drift-----	8	143	
Silurian system:			
Middle Silurian series:			
Rock-----	40	183	Dolomite or dolomitic limestone.

Well 35/9W-22R1

Type of record: Driller's log. Altitude: 680 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow-----	10	10	
Clay, blue-----	40	50	
Sand, very fine, dirty-----	10	60	
Sand, fine-----	25	85	
Sand, medium-----	13	98	
Sand, fine, pumice-----	13	111	Silt?.
Devonian system:			
Upper Devonian series:			
Shale, black-----	15	126	
Shale, green-----	21	147	
Silurian system:			
Middle Silurian series:			
Limestone-----	26	173	Dolomite or dolomitic limestone.

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

		Well 35/9W-24P1		
Type of record: Driller's log.				Altitude: 690 feet.
Material	Thick- ness (feet)	Depth (feet)	Remarks	
Quaternary system:				
Recent and Pleistocene series:				
Drift-----	188	188		
Devonian system:				
Upper Devonian series:				
Shale, black-----	3	191		
Shale, broken lime-----	9	200		
Middle Devonian series:				
Lime, light-brown-----	45	245	Dolomitic limestone.	
Silurian system:				
Middle Silurian series:				
Lime, white-----	20	265	Contained water; dolomite or dolomitic limestone.	
Lime, gray and white-----	30	295	Do.	
Lime, gray-----	45	340	Do.	
Lime, blue-gray-----	35	375	Do.	
Lime, fine, light-brown-----	20	395	Do.	
Lime, white-----	55	450	Do.	
Lime, light-brown-----	40	490	Do.	
Lime, white-----	15	505	Do.	
Lime, gray-----	55	560	Do.	
Lime, blue-gray-----	40	600	Do.	
Lime, gray-----	15	615	Do.	
Shale, blue-----	55	670		
Shale, gray-----	35	705		
Sandstone, dark-----	5	710		
Sandstone, white-----	10	720	Contained water.	
Sandstone, brown-----	10	730		
Sand-----	24	754	Contained water.	
Ordovician system?:				
Upper Ordovician? series:				
Shale, blue-----	41	795		
Shale, blue-gray-----	90	885		
Middle Ordovician series:				
Lime, hard, brown-----	32	917		
Lime, coarse, gray-brown-----	20	937		
Lime, fine, hard, light-brown---	10	947		
Sand, fine, hard-----	13	960	Limestone.	
Lime, fine, light-brown-----	25	985		
Lime, coarse, light-gray-----	30	1,015		
Lime, fine, light-gray-----	65	1,080		
Lime, fine, hard, light-brown---	40	1,120		
Lime, fine, gray-----	60	1,180		
Lime, coarse, light-brown-----	45	1,225		
Sandstone, coarse, brown-----	12	1,237		
Sandstone, white-----	13	1,250		

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

Well 35/9W-24P2

Type of record: Driller's log. Altitude: 690 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay-----	51	51	
Clay, sandy-----	9	60	
Sand, packed-----	7	67	
Clay-----	12	79	
Sand, very fine-----	23	102	Sandy clay at 102 feet.

Well 35/9W-26H2

Type of record: Driller's log. Altitude: 720 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow-----	30	30	
Clay, blue-----	33	63	
Clay and sand-----	10	73	
Sand-----	13	86	

Well 35/9W-26K2

Type of record: Driller's log. Altitude: 720 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, red-----	42	42	
Gravel, small, and sand-----	10	52	
Shale, black-----	28	80	Clay? or bed of broken shale fragments.
Sand-----	11	91	

Well 35/9W-27D5

Type of record: Driller's log. Altitude: 680 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay-----	53	53	
Sand-----	50	103	
Clay-----	17	120	
Devonian system:			
Upper Devonian series:			
Shale-----	8	128	
Silurian system:			
Middle Silurian series:			
Rock-----	25	153	Dolomite or dolomitic limestone.

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

Well 35/9W-29C4

Type of record: Driller's log. Altitude: 695 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay-----	35	35	
Gravel-----	3	38	
Clay-----	24	62	
Sand-----	75	137	
Silurian system:			
Middle Silurian series:			
Rock-----	41	178	Dolomite or dolomitic limestone.

Well 35/9W-29D1

Type of record: Driller's log. Altitude: 710 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay-----	75	75	
Gravel-----	3	78	
Sand-----	14	92	
Gravel-----	8	100	
Sand-----	43	143	
Glacial drift-----	14	157	
Silurian system:			
Middle Silurian series:			
Rock-----	40	197	Dolomite or dolomitic limestone.

Well 35/9W-29P1

Type of record: Driller's log. Altitude: 730 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay-----	35	35	
Sand-----	12	47	
Clay-----	30	77	
Sand-----	20	97	
Clay-----	23	120	
Sand-----	6	126	
Sand, gravel, shale, etc.-----	30	156	
Silurian system:			
Middle Silurian series:			
Limestone-----	73	229	Dolomite or dolomitic limestone.

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

Well 35/9W-30A1

Type of record: Driller's log. Altitude: 700 feet.

Material	Thick-ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay-----	60	60	
Sand-----	30	90	
Clay-----	25	115	
Sand-----	19	134	
Gravel-----	14	148	
Glacial drift-----	10	158	
Silurian system:			
Middle Silurian series:			
Limestone-----	92	250	Dolomite or dolomitic limestone.

Well 35/9W-30A2

Type of record: Driller's log. Altitude: 695 feet.

Material	Thick-ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay-----	45	45	
Sand-----	28	73	
Sand and some gravel-----	62	135	
Glacial drift-----	17	152	
Silurian system:			
Middle Silurian series:			
Rock-----	41	193	Dolomite or dolomitic limestone.

Well 35/9W-30B2

Type of record: Driller's log. Altitude: 705 feet.

Material	Thick-ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay-----	43	43	
Sand-----	70	113	
Clay-----	24	137	
Glacial drift-----	21	158	
Silurian system:			
Middle Silurian series:			
Rock-----	162	320	Dolomite or dolomitic limestone.

Well 35/9W-32A1

Type of record: Driller's log. Altitude: 710 feet.

Material	Thick-ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay-----	40	40	
Clay and sand-----	20	60	

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

Well 35/9W-32A1--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand-----	30	90	
Quicksand-----	5	95	
Clay-----	28	123	
Silurian system:			
Middle Silurian series:			
Limestone-----	15	138	Dolomite or dolomitic limestone.

Well 35/9W-32D1

Type of record: Driller's log.

Altitude: 700 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay-----	40	40	
Gravel-----	5	45	
Sand-----	18	63	
Clay-----	17	80	
Sand-----	23	103	
Glacial drift-----	28	131	
Silurian system:			
Middle Silurian series:			
Rock-----	7	138	Dolomite or dolomitic limestone.

Well 35/9W-32D2

Type of record: Driller's log.

Altitude: 700 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay-----	50	50	
Sand-----	80	130	
Glacial drift-----	3	133	
Silurian system:			
Middle Silurian series:			
Rock-----	10	143	Dolomite or dolomitic limestone.

Well 35/9W-33D1

Type of record: Driller's log.

Altitude: 710 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil and blue clay-----	90	90	
Sand, muddy-----	50	140	
Mud, tough, blue-----	32	172	
Sand and shellrock-----	2	174	

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

Well 35/9W-33D1--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Silurian system:			
Middle Silurian series:			
Rock, hard, flint-----	16	190	Dolomite or dolomitic limestone.
Stone, blue-----	60	250	Do.
Stone, white-----	27	277	Do.

Well 35/9W-35N1

Type of record: Driller's log.		Altitude: 710 feet.	
Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow-----	30	30	
Clay, blue-----	20	50	
Clay with sand-----	30	80	
Sand-----	8	88	

Well 35/10W-13C1

Type of record: Driller's log.		Altitude: 640 feet.	
Quaternary system:			
Recent and Pleistocene series:			
Fill-----	6	6	
Clay-----	12	18	
Sand, fine-----	47	65	
Clay-----	10	75	
Sand, fine-----	30	105	
Gravel, sandy-----	24	129	
Silurian system:			
Middle Silurian series:			
Limestone, soft, bluish-gray----	11	140	Dolomite or dolomitic limestone.
Limestone, soft, gray-----	60	200	Do.
Lime, medium-hard, gray to white	125	325	Do.

Well 35/10W-25E1

Type of record: Driller's log.		Altitude: 705 feet.	
Quaternary system:			
Recent and Pleistocene series:			
Clay-----	49	49	
Sand-----	69	118	
Clay-----	22	140	
Silurian system:			
Middle Silurian series:			
Rock-----	49	189	Dolomite or dolomitic limestone.

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

Well 35/10W-25F2

Type of record: Driller's log.

Altitude: 705 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay-----	31	31	
Gravel-----	2	33	
Clay-----	25	58	
Sand-----	50	108	
Clay-----	29	137	
Gravel-----	3	140	
Silurian system:			
Middle Silurian series:			
Rock-----	63	203	Dolomite or dolomitic limestone.

Well 35/10W-25L1

Type of record: Driller's log.

Altitude: 710 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay-----	30	30	
Gravel-----	3	33	
Clay-----	30	63	
Gravel-----	2	65	
Clay-----	78	143	
Silurian system:			
Middle Silurian series:			
Rock-----	115	258	Dolomite or dolomitic limestone.

Well 35/10W-25M1

Type of record: Driller's log.

Altitude: 730 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay-----	66	66	
Sand-----	4	70	
Gravel and sand-----	8	78	
Sand-----	56	134	
Clay-----	22	156	
Silurian system:			
Middle Silurian series:			
Rock-----	14	170	Dolomite or dolomitic limestone.

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

Well 35/10W-36C1

Type of record: Driller's log.

Altitude: 720 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay-----	120	120	
Sand-----	20	140	
Gravel-----	21	161	
Silurian system:			
Middle Silurian series:			
Limestone-----	29	190	Dolomite or dolomitic limestone.

Well 36/7W-7E1

Type of record: Driller's log.

Altitude: 621 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, fine to medium, brown-----	19	19	
Sand, fine to medium, brown, with trace of silt-----	3	22	
Sand, fine to medium, brown, with trace of silt and small gravel-----	12	34	
Sand, fine to medium, brown, with some small marine shells-----	4	38	
Sand, medium to coarse, brown, with trace of silt and small gravel-----	6	44	
Sand, fine to medium, silty, gray-----	3	47	
Clay, silty, gray, with small seams of fine sand-----	7	54	
Clay, silty, brown and gray, with some small gravel-----	6	60	

Well 36/7W-7E2

Type of record: Driller's log.

Altitude: 624 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, fine to medium, brown-----	23	23	
Sand, fine to medium, brown, with trace of silt-----	4	27	
Sand, medium, brown, with trace of silt-----	12	39	
Sand, medium to coarse, brown, with some medium gravel and silt-----	9	48	
Sand, fine to medium, silty, gray, and small gravel-----	4	52	

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

Well 36/7W-7E2--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system: Recent and Pleistocene series: Clay, brown and gray, with trace of silt and small gravel-----	8	60	

Well 36/7W-7G1

Type of record: Driller's log.

Altitude: 609 feet.

Quaternary system: Recent and Pleistocene series: Sand, fine, loose, dark-brown---	12	12	
Gravel, fine, and coarse sand; with trace of gray medium- dense silt-----	5	17	
Sand, fine, dense, brown-----	5	22	
Sand, fine, with trace of brown dense silt-----	5	27	
Sand, fine, with trace of gray very dense silt-----	5	32	
Sand, fine, with some gray very dense silt-----	6	38	
Clay and silt; with trace of sand and dark gray-black stiff clay-----	5	43	
Clay, stiff, blue and brown, with some silt and sand-----	7	50	
Clay, stiff, gray, and some silt; trace of sand-----	5	55	

Well 36/7W-7G3

Type of record: Driller's log.

Altitude: 609 feet.

Quaternary system: Recent and Pleistocene series: Sand, fine, loose, brown-----	6	6	
Sand, fine, medium-dense, brown-	6	12	
Sand, fine, medium-dense, gray--	4	16	
Sand, fine, and some gray very dense silt-----	18	34	
Sand, fine to medium, with trace of gray medium-dense silt-----	4	38	
Clay, tough, black, and silt; with trace of sand-----	2	40	
Sand and silt with organic matter; medium-dense, brown and green-----	3	43	
Sand, fine, and silt, with trace of gravel-----	11	54	

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

Well 36/7W-7G3--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, stiff, dark-brown, and silt; trace of sand-----	3	57	
Sand, fine, and some gray dense silt-----	5	62	
Clay, stiff, blue, with trace of silt and sand-----	8	70	

Well 36/7W-7G4

Type of record: Driller's log.

Altitude: 608 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, fine, loose, brown-----	13	13	
Sand, fine, dense, brown, with trace of silt and fine gravel-	4	17	
Sand, fine to coarse, dense, gray-----	9	26	
Sand, fine, very dense, gray, with trace of silt-----	6	32	
Sand, fine to coarse, and fine gravel, with trace of gray medium-dense silt-----	5	37	
Sand, medium to coarse, some silt, and fine gravel-----	10	47	
Silt and sand; gray and black, medium-dense-----	6	53	
Sand, fine, and trace of gray very dense silt-----	10	63	
Clay, stiff, gray, with trace of silt and sand-----	7	70	

Well 36/7W-8B2

Type of record: Driller's log.

Altitude: 608 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, fine, loose, brown-----	6	6	
Sand, fine, medium-dense, brown-	3	9	
Sand, fine, medium-dense, brown and gray-----	3	12	
Sand, fine, loose, brown and gray-----	6	18	
Sand, fine to medium, medium- dense, brown and gray, with trace of gravel-----	4	22	
Sand, fine, very dense, brown and gray, with trace of silt--	5	27	

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

Well 36/7W-8B2--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, fine, very dense, gray, and silt-----	5	32	
Clay, stiff, brown and gray, and silt; with trace of sand-----	6	38	
Clay, tough, blue, and silt; with trace of sand and fine gravel-----	14	52	
Clay, tough, blue, with some silt and trace of sand-----	11	63	
Clay, very tough, blue, and silt; with trace of sand-----	2	65	

Well 36/7W-8B3

Type of record: Driller's log.

Altitude: 611 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, fine, loose, dark-brown---	2	2	
Sand, fine, loose, brown-----	4	6	
Sand, fine, medium-dense, brown-	2	8	
Sand, fine, medium-dense, brown, with trace of silt-----	9	17	
Sand, fine, medium-dense, gray, with some silt-----	5	22	
Sand, fine, very dense, gray, with some silt-----	12	34	
Clay and silt; very tough, blue, with trace of sand-----	4	38	
Gravel, fine, and fine to coarse sand with some silt and trace of brown and blue clay-----	6	44	
Clay, stiff, blue, with some silt and trace of sand-----	5	49	
Silt and sand; dense, gray-----	5	54	
Clay, tough, gray, with some silt and trace of sand-----	4	58	
Clay, stiff, gray, with some silt and trace of sand-----	6	64	
Silt, dense, gray, with some clay and trace of sand-----	1	65	

Well 36/7W-8C1

Type of record: Driller's log.

Altitude: 601 feet.

Quaternary system:			
Recent and Pleistocene series:			
Loam, swampy, black-----	1	1	

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

Well 36/7W-8C1--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, medium to fine, brown-----	23	24	
Clay, stiff, silty, mixed brown and gray, with small gravel---	9	33	

Well 36/7W-9A1

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

Quaternary system:			
Recent and Pleistocene series:			
Loam, sandy, silty, brown-----	12	12	
Sand, fine to medium, silty, gray	2	14	
Sand, fine to medium, silty, dense, gray, with trace of or- ganic material and small gravel-----	10	24	
Sand, fine to medium, silty, dense, gray-----	9	33	
Sand, fine, silty, dense, gray, with small to medium gravel---	4	37	
Silt, inorganic, gray-----	6	43	
Sand, fine to medium, silty, very dense, gray-----	6	49	
Silt, inorganic, gray-----	17	66	
Clay, stiff, silty, sandy, gray- blue-----	14	80	

Well 36/7W-9A2

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

Quaternary system:			
Recent and Pleistocene series:			
Sand, fine to medium, silty, brown-----	28	28	
Clay, silty, gray, with trace of sand-----	3	31	
Silt, stiff, clayey, gray, with trace of sand and small gravel	13	44	
Clay, fine to medium, silty, dense, gray-----	3	47	
Sand, fine to medium, silty, very dense, gray-----	3	50	

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

Well 36/7W-9A5

Type of record: Driller's log.

Altitude: 598 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Loam, sandy-----	3	3	
Sand, gray-----	26	29	
Sand and clay-----	21	50	

Well 36/7W-9B1

Type of record: Driller's log.

Altitude: 607 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, clay, silt, and fill-----	22	22	
Sand, medium, brown, with trace of silt-----	7	29	
Sand, medium, gray, and de- cayed wood-----	1	30	
Sand, fine, gray, and trace of silt-----	8	38	
Sand, very fine, silty, gray----	4	42	
Sand, fine, gray, with trace of silt-----	5	47	
Sand, very fine, silty, gray----	5	52	
Sand, fine, gray, with trace of silt-----	6	58	
Sand, very fine, silty, gray----	10	68	
Sand, silty, gray-----	2	70	

Well 36/7W-9B2

Type of record: Driller's log.

Altitude: 596 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, medium, silty, brown, with trace of peat-----	6	6	
Sand, medium, brown, with trace of silt and small gravel-----	6	12	
Sand, fine, brown, with trace of silt-----	6	18	
Sand, fine to medium, gray, and small to medium gravel; with trace of silt-----	9	27	
Sand, fine to medium, gray, with trace of silt-----	11	38	
Sand, very fine, silty, gray----	4	42	
Sand, fine, gray, with trace of silt-----	4	46	
Sand, very fine, silty, gray----	11	57	
Sand, silty, gray-----	4	61	

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

Well 36/7W-9B2--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, very fine, silty, gray----	4	65	

Well 36/7W-9B3

Type of record: Driller's log.

Altitude: 596 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, medium, silty, brown-----	3	3	
Peat, silty, sandy, brown-----	5	8	
Sand, medium, silty, brown-----	9	17	
Sand, medium, gray, and small to medium gravel; trace of silt-----	6	23	
Sand, fine, gray, with decayed wood-----	2	25	
Sand, fine, gray, with trace of silt-----	13	38	
Sand, very fine, silty, gray----	6	44	
Sand, fine, gray, with trace of silt-----	4	48	
Sand, very fine, silty, gray----	9	57	
Clay, stiff, silty, gray-----	3	60	

Well 36/7W-9D1

Type of record: Driller's log.

Altitude: 604 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, medium to coarse, brown, with trace of silt-----	6	6	
Sand, fine, gray, with small layers of silt-----	3	9	
Sand, fine to medium, brown, with trace of silt-----	8	17	
Sand, fine to medium, gray, with trace of silt and small to medium gravel-----	11	28	
Sand, fine, silty, gray-----	9	37	
Sand, fine to medium, gray, with trace of silt-----	6	43	
Sand, fine, silty, gray-----	20	63	
Clay, stiff, silty, gray-----	5	68	
Sand, very fine, silty, gray----	5	73	
Clay, stiff, silty, gray-----	3	76	
Sand, fine, silty, gray-----	12	88	
Clay, stiff, silty, gray-----	12	100	

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

Well 36/7W-9D4

Type of record: Driller's log.

Altitude: 603 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, fine, medium-dense, brown, with trace of silt-----	3	3	
Sand, fine, medium-dense, brown-	5	8	
Sand, fine, medium-dense, brown, with trace of silt-----	4	12	
Sand, fine to medium, loose, brown, with trace of silt----	4	16	
Sand, fine to coarse, dense, brown, with trace of silt and gravel-----	6	22	
Sand, fine, dense, brown-----	5	27	
Sand, fine, very dense, brown---	5	32	
Silt and sand; fine, dense, gray	5	37	
Sand, fine, dense, gray and brown, with some silt-----	10	47	
Sand, fine, and silt; very dense, gray-----	5	52	
Sand, fine, dense, gray, with some silt-----	11	63	
Clay, stiff, blue, with trace of silt and sand-----	8	71	
Sand, fine, medium-dense, gray, with some silt-----	4	75	

Well 36/7W-9D6

Type of record: Driller's log.

Altitude: 603 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, fine, medium-dense, brown-	12	12	
Sand, fine, loose, brown-----	4	16	
Sand, fine, medium-dense, brown and gray, with trace of fine to medium gravel-----	5	21	
Sand, fine, very dense, gray and brown, with trace of silt and gravel-----	7	28	
Sand, fine, dense, gray, with some silt-----	19	47	
Sand, fine, and silt; dense, gray-----	6	53	
Clay, tough, blue, with some silt and trace of sand-----	4	57	
Clay, tough, blue, with trace of silt and sand-----	4	61	

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

Well 36/7W-9D6--Continued

Material	Thick-ness (feet)	Depth (feet)	Remarks
Quaternary system: Recent and Pleistocene series: Sand, silt, and clay; very dense, gray, laminated-----	9	70	

Well 36/7W-9G1

Type of record: Driller's log. Altitude: 593 feet.

Quaternary system: Recent and Pleistocene series: Loam, silty, sandy, brown-----	11	11	
Sand, fine to medium, silty, brown and gray-----	7	18	
Sand, fine to medium, silty, gray, with some small gravel--	10	28	
Silt, inorganic, gray-----	32	60	

Well 36/7W-9Q1

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

Quaternary system: Recent and Pleistocene series: Top soil-----	1	1	
Sand, yellow-----	14	15	
Sand, fine, muddy, yellow-----	4	19	
Clay, sandy-----	6	25	
Clay, sandy, gray-----	10	35	
Sand, powdery, muddy-----	40	75	Silt?.

Well 36/7W-16A1

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

Quaternary system: Recent and Pleistocene series: Sand-----	15	15	
Sand, fine, yellow-----	9	24	
Sand, fine, gray-----	6	30	
Sand, very fine, gray-----	8	38	
Peat moss-----	10	48	
Sand, powdery, muddy-----	7	55	Silt?.
Clay, soupy, gray-----	10	65	
Clay, soft, gummy, gray-----	15	80	
Sand, dirty, with tree limbs---	1	81	
Sand, medium to fine, dark-gray-	2	83	
Clay, light-brown-----	14	97	

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

Well 36/7W-16B1

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

Material	Thick-ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, yellow-----	23	23	
Sand, fine, light-gray-----	5	28	Clean.
Sand, fine, dark-gray-----	6	34	Do.
Clay, sandy, brown-----	4	38	
Sand, very fine, muddy, with tree limbs-----	3	41	
Sand, very fine, muddy-----	9	50	
Clay, soft, sticky, gray-----	11	61	
Sand, gravel, and boulders; dark-gray-----	4	65	
Clay, soft, sticky, gray-----	65	130	

Well 36/7W-16B2

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

Material	Thick-ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, yellow-----	20	20	
Sand, gray-----	26	46	Clean.
Clay-----	4	50	
Sand, with muddy strips-----	27	77	

Well 36/7W-16B3

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

Material	Thick-ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Soil-----	1	1	
Sand, brown-----	14	15	
Sand, gray-----	21	36	
Sand, gray-----	14	50	Clean.
Sand, coarse to fine, gray-----	10	60	Do.
Sand-----	14	74	Finer grained; clean.
Sand-----	5	79	Coarser grained; clean.
Sand, dark-gray-----	3	82	
Sand, very fine-----	26	108	Like powder.

Well 36/7W-16B4

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

Material	Thick-ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, yellow-----	34	34	
Sand, very fine, muddy-----	4	38	
Clay, sandy, gray-----	6	44	

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

Well 36/7W-16B4--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, muddy, gray-----	2	46	
Clay, sandy, gray-----	21	67	
Gravel, coarse, and sandy clay--	1	68	
Clay, sandy, gray-----	16	84	
Clay, gummy, gray-----	9	93	

Well 36/7W-16E1

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

Quaternary system:			
Recent and Pleistocene series:			
Soil and sand-----	14	14	
Sand, medium-----	7	21	
Sand, fine, muddy-----	8	29	
Sand, fine, blue-----	2	31	
Clay-----	1	32	
Sand, fine, muddy-----	30	62	

Well 36/7W-16E2

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

Quaternary system:			
Recent and Pleistocene series:			
Sand, medium-----	28	28	
Sand, muddy-----	30	58	
Sand, medium-----	2	60	
Sand, coarse, and gravel-----	9	69	Clay at 69 feet.

Well 36/7W-16E3

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

Quaternary system:			
Recent and Pleistocene series:			
Sand, yellow-----	24	24	
Sand, fine-----	5	29	
Clay-----	6	35	
Sand, fine-----	5	40	
Sand, fine, muddy-----	18	58	
Sand, medium-----	11	69	
Sand, fine, muddy-----	6	75	
Clay-----	20	95	

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

Well 36/7W-16E5

Type of record: Driller's log.

Altitude: 615 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, yellow-----	28	28	
Sand, fine, muddy-----	20	48	
Clay, silty-----	10	58	
Sand, fine-----	2	60	
Sand, medium-----	8	68	Clay at 68 feet.

Well 36/7W-16G1

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	
Sand, yellow-----	19	20	
Sand, muddy, yellow-----	13	33	
Sand, gray and yellow-----	7	40	
Sand, fine, gray-----	10	50	
Sand, very fine, gray-----	6	56	
Clay, gummy, gray-----	34	90	

Well 36/7W-16G2

Type of record: Driller's log.

Altitude: 630 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, yellow-----	10	10	
Sand, medium, red-----	20	30	
Sand, fine, red-----	2	32	
Sand, very fine, muddy, gray, with wood-----	2	34	
Sand, very fine, gray-----	8	42	
Sand, very fine, muddy, gray----	9	51	
Sand, medium, gray, and fine gravel-----	5	56	
Clay, sandy, gray-----	30	86	

Well 36/7W-16K1

Type of record: Driller's log from memory.

Altitude: 635 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, yellow-----	30	30	
Clay, blue-----	6	36	
Sand-----	19	55	