

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

Well 37/3W-20H4

Type of record: Driller's log.

Altitude: 860 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Silt, sandy, brown-----	2	2	
Sand, medium, with trace of silt-----	1	3	
Sand, silty-----	5	8	
Sand, medium, with some pebbles-----	23	31	
Silt, brown, with trace of sand-	5	36	
Sand, brown-----	4	40	

Well 37/3W-20H5

Type of record: Driller's log.

Altitude: 859 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Silt, sandy, and gravel-----	2	2	
Sand, brown, with trace of silt-	2	4	
Silt, with trace of brown sand--	2	6	
Sand, brown, with trace of silt-	2	8	
Silt, brown-----	6	14	
Sand, medium to coarse, brown, with some pebbles-----	12	26	

Well 37/3W-20H6

Type of record: Driller's log.

Altitude: 858 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, silt, and pebbles-----	2	2	
Silt, sandy-----	1	3	
Silt, yellow, with trace of clay-----	4	7	
Sand, fine to medium, yellow----	9	16	
Gravel and sand-----	5	21	
Sand, yellow, with trace of silt-----	6	27	
Sand, clayey, gravelly-----	7	34	
Gravel, silty, and sand-----	6	40	

Well 37/3W-21J2

Type of record: Driller's log.

Altitude: 850 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Dirt, black, and sand-----	18	18	
Sand and clay-----	16	34	
Gravel and sand-----	24	58	

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

Well 37/3W-21J2--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Gravel-----	10	68	
Sand, brown-----	5	73	

Well 37/3W-21R1

Type of record: Driller's log. Altitude: 845 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand and clay-----	30	30	
Gravel and sand-----	20	50	
Clay, gravel, and sand-----	20	70	
Sand, white-----	6	76	

Well 37/3W-22N3

Type of record: Driller's log from memory. Altitude: 845 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand and clay-----	18	18	
Sand and gravel-----	36	54	
Clay and gravel-----	18	72	
Sand, white, and gravel-----	6	78	

Well 37/3W-24C1

Type of record: Driller's log. Altitude: 830 feet.

Quaternary system:			
Recent and Pleistocene series:			
Dirt and sand-----	18	18	
Sand, brown-----	32	40	
Gravel-----	20	60	
Sand and clay-----	10	70	
Sand, white, and gravel-----	7	77	

Well 37/3W-24N1

Type of record: Driller's log. Altitude: 800 feet.

Quaternary system:			
Recent and Pleistocene series:			
Soil, black-----	2	2	
Clay, red, with pieces of shale-----	31	33	
Hardpan, red-----	4	37	
Gravel-----	9	46	Blue clay at 46 feet.

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

Well 37/3W-24P1

Type of record: Driller's log. Altitude: 815 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Dirt, black, sand, and clay-----	18	18	
Gravel, brown sand, and clay----	32	50	
Sand, white, and gravel-----	5	55	

Well 37/3W-26J2

Type of record: Driller's log. Altitude: 825 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, brown, and clay-----	18	18	
Gravel, brown, and clay-----	18	36	
Sand, brown, and gravel-----	4	40	
Silt and clay-----	25	65	
Sand, white, and gravel-----	5	70	

Well 37/3W-27F1

Type of record: Driller's log. Altitude: 805 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, fine, wind-blown-----	9	9	
Clay, blue-----	13	22	
Hardpan-----	11	33	
Sand, coarse-----	12	45	Blue clay at 45 feet.

Well 37/3W-27G1

Type of record: Driller's log. Altitude: 805 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, white-----	36	36	
Sand, white, and clay-----	18	54	
Clay, blue-----	24	78	
Sand, white, and gravel-----	8	86	

Well 37/3W-27G2

Type of record: Driller's log. Altitude: 805 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, brown-----	18	18	
Sand, brown, and gravel-----	12	30	
Clay, blue, and sand-----	24	54	
Clay, blue-----	6	60	
Sand, fine, and silt-----	12	72	
Clay and sand-----	16	88	
Sand and gravel-----	6	94	

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

Well 37/3W-27G2--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Silt-----	14	108	
Gravel-----	9	117	

Well 37/3W-27J1

Type of record: Driller's log. Altitude: 805 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	1	1	
Sand, medium, brown-----	2	3	
Clay, light-gray-----	1	4	
Sand, medium, brown-----	16	20	
Sand, gray, and gravel-----	75	95	
Clay, blue-----	73	168	
Sand, gravel, and clay-----	12	180	
Clay, blue-----	65	245	
Devonian system:			
Upper Devonian series:			
Shale, hard-----	169	414	
Devonian and Silurian system; undif- ferentiated:			
Sandstone mixed with little limestone-----	29	443	
Limestone-----	149	592	
Shale-----	8	600	
Shale and limestone-----	10	610	
Limestone, hard-----	130	740	
Limestone and shale-----	15	755	

Well 37/3W-28R1

Type of record: Driller's log. Altitude: 815 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, red-----	35	35	
Hardpan-----	3	38	
Sand, coarse, white-----	17	55	Blue clay at 55 feet.

Well 37/3W-28R2

Type of record: Driller's log. Altitude: 815 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, brown, clay, and gravel---	36	36	
Sand, white, and clay-----	34	70	
Sand, white, and gravel-----	5	75	

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

Well 37/3W-28R4

Type of record: Driller's log.

Altitude: 820 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand-----	5	5	
Clay, red, and gravel-----	62	67	
Sand-----	5	72	

Well 37/3W-29E2

Type of record: Driller's log.

Altitude: 869 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	1	1	
Sand, with trace of silt-----	4	5	
Silt, with trace of sand-----	2	7	
Sand, with trace of silt-----	11	18	
Silt, soft-----	10	28	
Sand, clayey, silty-----	6	34	
Sand, medium to coarse, clean-----	16	50	

Well 37/3W-29E5

Type of record: Driller's log.

Altitude: 870 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Silt, sandy-----	2	2	
Sand, fine-----	1	3	
Silt, sandy, with pebbles-----	5	8	
Sand, with trace of silt and pebbles-----	5	13	
Sand, fine to medium, with silt seams-----	37	50	

Well 37/3W-29F1

Type of record: Driller's log.

Altitude: 850 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Dirt, black, and sand-----	15	15	
Sand, and brown clay-----	25	40	
Gravel and sand-----	14	54	
Sand, fine, and silt-----	16	70	
Clay and silt-----	50	120	
Sand, coarse, white-----	8	128	

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

Well 37/3W-29L1

Type of record: Driller's log.

Altitude: 845 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Dirt and clay-----	18	18	
Gravel and sand-----	18	36	
Sand, brown-----	14	50	
Gravel, sand, and clay-----	20	70	
Sand, white-----	8	78	
Sand and clay-----	15	93	
Sand, coarse, white-----	6	99	

Well 37/3W-30H1

Type of record: Driller's log.

Altitude: 847 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	2	2	
Silt-----	3	5	
Sand, silty, with pebbles-----	23	28	
Sand, clean-----	14	42	

Well 37/3W-31D1

Type of record: Driller's log.

Altitude: 865 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Top soil; black and brown silt with trace of sand and gravel-----	2	2	
Record missing-----	2	4	
Silt, brown, with some sand-----	1	5	
Sand, fine to coarse, and gravel; with trace of silt-----	10	15	
Sand and gravel; with some dark-brown silt-----	3	18	
Silt-----	1	19	
Sand and gravel; dark-brown-----	3	22	
Sand, medium to coarse, stratified-----	3	25	
Sand, fine to coarse, brown and gray-----	1	26	
Gravel, silty, sandy, brown-----	2	28	
Sand, medium to coarse, brown to gray, stratified, with some shale pebbles-----	2	30	
Hardpan, very dense-----	1	31	
Sand, medium to coarse, gray and brown, and silt-----	1	32	
Sand, coarse, and gravel-----	4	36	
Sand, fine to coarse, with silt seams-----	4	40	

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

Well 37/3W-31D1--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system: Recent and Pleistocene series: Sand, coarse, brown, with some gravel and shale pebbles-----	6	46	

Well 37/3W-31D4

Type of record: Driller's log. Altitude: 864 feet.

Quaternary system: Recent and Pleistocene series: Sand, fine to coarse, dirty, brown, with some gravel and trace of silt and clay-----	4	4	
Sand, medium, silty, brown, and gravel; stratified-----	2	6	
Sand, fine to coarse, brown, and gravel; with trace of silt-----	20	26	
Hardpan; black very dense silt and gravel; with some sand----	4	30	
Sand, fine to coarse, brown to gray, with trace of gravel and some silt seams----	16	46	
Sand, fine to coarse, tan to brown, with trace of silt----	6	52	
Sand, brown, with some shale pebbles and silt seams-----	8	60	

Well 37/3W-31D5

Type of records: Driller's log. Altitude: 864 feet.

Quaternary system: Recent and Pleistocene series: Silt, brown, with trace of gravel and clay-----	2	2	
Sand, silty, brown, with some gravel-----	13	15	
Sand, coarse, and gravel; brown and gray, with trace of silt-----	1	16	
Record missing-----	4	20	
Gravel, coarse, with coarse sand and silt-----	1	21	
Clay and sand; yellow to brown, with some silt and gravel-----	9	30	
Sand, coarse, brown, with trace of silt and gravel-----	22	52	

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

Well 37/3W-31D5--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, fine to coarse, brown, with some clay, silt, and shale pebbles-----	6	58	
Silt and gravel; brown to black, with trace of sand-----	2	60	

Well 37/3W-31D7

Type of record: Driller's log.

Altitude: 862 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	2	2	
Sand, silty-----	21	23	
Sand-----	5	28	
Silt-----	2	30	

Well 37/3W-31L1

Type of record: Driller's log from memory.

Altitude: 855 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow-----	11	11	
Clay, blue-----	70	81	
Sand, medium-----	13	94	Blue clay at 94 feet.

Well 37/3W-33L1

Type of record: Driller's log.

Altitude: 835 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, sandy, red-----	18	18	
Sand, medium, reddish-gray, with little gravel-----	14	32	
Sand, muddy, red, and boulders--	3	35	
Sand, medium, brown-----	3	38	
Sand, medium, gray, with some gravel-----	7	45	
Sand, coarse, dark-gray, and broken shale-----	5	50	
Sand, medium, and little gravel--	5	55	
Sand, coarse, gray, and broken shale-----	5	60	
Sand, coarse, gray-----	6	66	
Sand, coarse, gray, and broken shale-----	6	72	
Sand and fine shale-----	4	76	

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

Well 37/3W-34E2

Type of record: Driller's log. Altitude: 840 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand and clay-----	31	31	
Gravel-----	6	37	
Clay and gravel; mixed-----	13	50	
Gravel-----	4	54	
Sand, fine-----	4	58	
Sand, fine, brown-----	6	64	
Sand, fine, white-----	3	67	
Sand, coarse, white-----	5	72	

Well 37/3W-34P1

Type of record: Driller's log. Altitude: 800 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, brown-----	18	18	
Sand, brown, and silt-----	32	50	
Sand, white, and clay-----	29	79	
Sand, white, and gravel-----	5	84	

Well 37/3W-35G1

Type of record: Driller's log. Altitude: 807 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Fill-----	2	2	
Sand, muddy-----	15	17	
Marl-----	21	38	
Sand, muddy, and shaly gravel---	13	51	

Well 37/3W-35L2

Type of record: Driller's log. Altitude: 807 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Gravel, sandy-----	5	5	
Clay, soft, and sand-----	29	34	
Sand, coarse-----	2	36	
Sand, muddy-----	21	57	
Clay, medium-----	13	70	
Sand, muddy, and gravel-----	18	88	
Clay and gravel-----	4	92	

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

Well 37/3W-35L3

Type of record: Driller's log.

Altitude: 807 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	2	2	
Sand, medium, red-----	18	20	
Sand, fine, very muddy, gray----	15	35	
Sand, medium, clean, gray-----	9	44	
Sand, fine, muddy, with shale---	3	47	
Sand, very fine, gray-----	7	54	
Sand, fine, gray-----	6	60	
Sand, fine, gray, and silt-----	13	73	
Sand, medium, gray, dirty-----	3	76	
Sand, coarse, and gravel-----	10	86	
Sand, fine, dirty-----	5	91	
Sand, medium, and gravel-----	17	108	
Gravel, coarse-----	3	111	
Sand, white, clean-----	3	114	
Sand, medium, gray-----	10	124	

Well 37/3W-35L4

Type of record: Driller's log.

Altitude: 807 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, red-----	15	15	
Muck and dirty sand-----	7	22	
Sand, dirty, very mucky-----	28	50	
Sand, medium, dirty, muddy-----	40	90	
Gravel, coarse, and sand; muddy--	10	100	
Sand, coarse, gray-----	14	114	
Sand, fine, clean, gray-----	6	120	
Sand, coarse, gray-----	5	125	
Gravel, coarse, gray, and sand--	7	132	

Well 37/3W-36C1

Type of record: Driller's log.

Altitude: 807 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, gravelly, yellow-----	27	27	
Sand, medium, gray-----	8	35	
Sand, medium, and coarse gravel-	7	42	
Gravel, coarse, and sand-----	18	60	
Sand, medium, and gravel-----	15	75	
Sand, medium-----	15	90	
Sand, medium, gray-----	10	100	
Sand, fine, gray-----	34	134	
Sand, fine, with strips of soft clay-----	4	138	

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

Well 37/4W-1J1

Type of record: Driller's log. Altitude: 631 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, brown-----	7	7	
Sand, clayey, gray-----	11	18	
Clay, sandy, gray-----	14	32	

Well 37/4W-1J3

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

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, brown-----	15	15	
Sand, soft, silty, gray-----	5	20	
Sand, fine to medium, brown-----	10	30	
Sand, soft, silty, gray-----	9	39	
Clay, gray, with some gravel-----	17	56	

Well 37/4W-1R1

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

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, white-----	39	39	
Clay, blue-----	10	49	
Sand, white, and gravel-----	8	57	
Clay, hard-----	13	70	
Clay, blue-----	10	80	Coarse gravel at 80 feet.

Well 37/4W-2E2

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

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, brown-----	18	18	
Sand, brown, and clay-----	14	32	
Sand, brown, and gravel-----	8	40	

Well 37/4W-2F1

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

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, brown, and clay-----	24	24	
Clay and gravel-----	6	30	
Sand, white-----	5	35	

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

Well 37/4W-2K1

Type of record: Driller's log.

Altitude: 645 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand-----	20	20	
Clay, blue-----	22	42	
Sand-----	6	48	

Well 37/4W-2R1

Type of record: Driller's log.

Altitude: 635 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand-----	10	10	
Clay, blue-----	35	45	
Sand-----	5	50	

Well 37/4W-3A1

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-----	22	22	
Clay-----	43	65	
Gravel-----	3	68	
Clay-----	56	124	
Sand-----	16	140	

Well 37/4W-3Q1

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, sand, and silt-----	10	45	
Clay, blue-----	52	97	
Gravel and white sand-----	6	103	

Well 37/4W-4N1

Type of record: Driller's log.

Altitude: 643 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand-----	4	4	
Clay, blue-----	85	89	
Sand-----	42	131	

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

Well 37/4W-5H1

Type of record: Driller's log.

Altitude: 632 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Fill-----	2	2	
Sand-----	14	16	
Gravel-----	6	22	Suitable for 60-slot screen.
Clay, blue-----	50	72	
Hardpan-----	33	105	
Sand-----	11	116	Suitable for 10-slot screen.
Sand-----	24	140	Suitable for 12-slot screen.
Sand, fine, dirty-----	23	163	

Well 37/4W-5P1

Type of record: Driller's log.

Altitude: 630 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Fill; sand-----	3	3	
Muck-----	7	10	
Clay, very sticky-----	102	112	
Sand, muddy-----	4	116	
Clay-----	9	125	
Sand-----	1	126	
Clay-----	27	153	
Devonian system:			
Upper Devonian series:			
Shale-----	2	155	

Well 37/4W-7A1

Type of record: Driller's log.

Altitude: 640 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand-----	15	15	
Clay-----	79	94	
Sand, coarse-----	4	98	Silt and sand at 98 feet.

Well 37/4W-7B1

Type of record: Driller's log.

Altitude: 635 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand-----	5	5	
Clay-----	5	10	
Gravel-----	2	12	

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

Well 37/4W-7B1--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay-----	45	57	
Sand-----	10	67	

Well 37/4W-7H1

Type of record: Driller's log.		Altitude: 640 feet.	
Quaternary system:			
Recent and Pleistocene series:			
Fill-----	3	3	
Sand-----	2	5	
Clay-----	80	85	
Clay and sand-----	5	90	
Sand-----	2	92	
Hardpan-----	8	100	
Clay-----	60	160	
Clay and stone-----	14	174	
Hardpan-----	6	180	
Devonian system:			
Upper Devonian series:			
Shale, brown-----	5	185	

Well 37/4W-9D1

Type of record: Driller's log.		Altitude: 643 feet.	
Quaternary system:			
Recent and Pleistocene series:			
Clay, hard, brown-----	20	20	
Clay, blue, and broken stones-----	10	30	
Clay, blue, sand, gravel, and hardpan-----	44	74	
Sand, fine, gray-----	4	78	Suitable for 60- gauze screen.
Sand, fine, gray, with clay balls-----	6	84	
Sand, fine to coarse, gray-----	13	97	
Sand, coarse, gray-----	4	101	
Sand, coarse, gray-----	19	120	Suitable for 60- gauze screen.

Well 37/4W-11F6

Type of record: Driller's log.		Altitude: 617 feet.	
Quaternary system:			
Recent and Pleistocene series:			
Clay, sandy-----	5	5	
Sand and gravel; gray-----	9	14	
Sand, medium to coarse, with gravel-----	5	19	

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

Well 37/4W-11F6--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system: Recent and Pleistocene series: Clay, hard, gray, and gravel-----	13	32	

Well 37/4W-11G1

Type of record: Driller's log. Altitude: 619 feet.

Quaternary system: Recent and Pleistocene series:			
Sand, fine, brown-----	2	2	
Sand, brown-----	7	9	
Clay, soft, gray-----	7	16	
Sand, gray-----	3	19	
Clay, gray-----	6	25	
Sand and gravel; dense-----	3	28	
Clay, gray-----	6	34	

Well 37/4W-11G3

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

Quaternary system: Recent and Pleistocene series:			
Loam; sandy, brown-----	2	2	
Sand, brown-----	6	8	
Sand, gray-----	6	14	
Peat-----	5	19	
Clay, gray-----	13	32	

Well 37/4W-11K1

Type of record: Driller's log from memory. Altitude: 648 feet.

Quaternary system: Recent and Pleistocene series:			
Sand, fine, red-----	47	47	
Clay, hard, blue-----	4	51	
Gravel, marble-sized-----	2	53	

Well 37/4W-12D1

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

Quaternary system: Recent and Pleistocene series:			
Sand, brown, and clay-----	20	20	
Sand, fine, brown-----	6	26	
Sand, brown, and gravel-----	6	32	

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

Well 37/4W-12J1

Type of record: Driller's log.

Altitude: 700 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, fine, brown-----	18	18	
Silt-----	16	34	
Sand, fine, white-----	6	40	
Sand, white, and gravel-----	7	47	

Well 37/4W-12Q1

Type of record: Driller's log.

Altitude: 675 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand-----	12	12	
Sand, fine, and clay; mixed-----	33	45	
Sand-----	8	53	

Well 37/4W-13D2

Type of record: Driller's log.

Altitude: 665 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, brown-----	3	3	
Sand, brown, and clay-----	22	25	
Clay, blue, and sand-----	20	45	
Clay-----	5	50	
Clay and fine sand-----	11	61	
Clay-----	3	64	
Sand, white-----	5	69	

Well 37/4W-13G1

Type of record: Driller's log.

Altitude: 680 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, brown-----	25	25	
Sand, gray, and clay-----	15	40	
Sand, white, and blue clay-----	30	70	
Sand, coarse, white, and gravel-----	9	79	

Well 37/4W-14K1

Type of record: Driller's log.

Altitude: 670 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, red-----	12	12	
Clay, yellow-----	14	26	
Clay, blue, mixed with layers of fine gray sand-----	15	41	
Clay, solid, blue-----	7	48	

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

Well 37/4W-14K1--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system: Recent and Pleistocene series: Sand, coarse, light-gray-----	7	55	

Well 37/4W-14L1

Type of record: Driller's log. Altitude: 685 feet.

Quaternary system: Recent and Pleistocene series: Sand, red-----	10	10	
Clay, fairly hard, blue-----	10	20	
Sand, fine, red-----	10	30	

Well 37/4W-14P1

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

Quaternary system: Recent and Pleistocene series: Sand-----	20	20	
Clay, blue-----	13	33	
Clay and sand; mixed-----	12	45	
Sand-----	7	52	

Well 37/4W-15B3

Type of record: Driller's log. Altitude: 646 feet.

Quaternary system: Recent and Pleistocene series: Silt and sand; gray and brown-----	9	9	
Silt, brown-----	7	16	
Silt, gray-----	2	18	
Sand, fine, brown-----	5	23	
Sand, fine, brown and gray-----	10	33	
Sand and gravel; gray-----	5	38	
Clay, gray-----	9	47	
Silt, gray-----	5	52	

Well 37/4W-15B4

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

Quaternary system: Recent and Pleistocene series: Silt and sand; mottled gray and brown-----	14	14	Interbedded.
Sand, fine to medium, gray and brown-----	17	31	
Sand, fine to medium, gray, with some clay layers-----	17	48	
Clay, gray-----	4	52	
Sand and gravel; gray-----	2	54	

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

Well 37/4W-15B5

Type of record: Driller's log.

Altitude: 643 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Top soil and sandy silt-----	4	4	
Clay, brown-----	4	8	
Sand, brown, with clay-----	5	13	
Clay, brown-----	5	18	
Sand, brown-----	16	34	
Sand, white-----	4	38	
Gravel and clay-----	2	40	
Clay, gray-----	13	53	

Well 37/4W-15B8

Type of record: Driller's log.

Altitude: 627 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Loam, sandy, dark-brown-----	2	2	
Sand, gray, with some peat-----	10	12	
Sand, fine to medium, and gravel-----	6	18	
Clay, gray, with gravel-----	2	20	
Clay, gray-----	12	32	

Well 37/4W-15E2

Type of record: Driller's log.

Altitude: 632 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Top soil, brown-----	1	1	
Clay, sandy-----	2	3	
Sand, gray-----	2	5	
Clay, gray-----	11	16	
Clay, gray, with sand layers-----	9	25	
Clay, gray, with gravel partings-----	11	36	
Sand and shale-----	14	50	

Well 37/4W-16M1

Type of record: Driller's log.

Altitude: 659 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	1	1	
Sand, silty, brown, with some clay-----	1	2	
Clay, silty, light-brown, and fine sand-----	3	5	
Clay, silty, light-brown, and sand-----	6	11	

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

Well 37/4W-16M1--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, silty, light-brown, sand, and little gravel-----	4	15	
Sand, silty, brownish-gray, with some clay-----	6	21	
Clay, silty, gray, with little sand-----	9	30	

Well 37/4W-16R1

Type of record: Driller's log. Altitude: 656 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	1	1	
Sand-----	6	7	
Clay-----	45	52	
Gravel-----	10	62	

Well 37/4W-17J2

Type of record: Driller's log. Altitude: 661 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, silty, brown, and clay----	1	1	
Clay, silty, brown, with little sand-----	4	5	
Sand, silty, mottled, gray and brown, with little clay-----	6	11	
Clay, silty, brown, with little sand-----	11	22	
Sand, silty, mottled, gray and brown, with little clay-----	3	25	
Clay, silty, gray, with little sand and trace of small gravel-----	6	31	
Clay, silty, brown, and sand----	4	35	
Clay, silty, grayish-brown, and sand-----	5	40	
Clay, silty, brown, with trace of coarse sand-----	10	50	

Well 37/4W-17L2

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

Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	1	1	
Clay, silty, brown, and sand----	4	5	

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

Well 37/4W-17L2--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, silty, light-brown, and sand-----	5	10	
Clay, silty, light-brown, with trace of coarse sand-----	6	16	
Clay, silty, gray, with little sand-----	5	21	
Sand, coarse, brownish-gray, with little silt-----	4	25	
Sand, fine, silty, gray, with little clay-----	11	36	
Clay, silty, gray, and sand-----	4	40	
Sand, silty, gray, and clay-----	5	45	
Clay, silty, gray, and coarse sand-----	5	50	

Well 37/4W-17M2

Type of record: Driller's log.

Altitude: 660 feet.

Quaternary system:			
Recent and Pleistocene series:			
Silt, black and brown, with organic matter-----	1	1	
Clay, silty, brown, and sand----	5	6	
Clay, silty, gray, with little sand-----	4	10	
Silt, clayey, gray, with little sand-----	6	16	
Sand, coarse, brownish-gray, and silt-----	5	21	
Sand, silty, gray-----	4	25	
Sand, silty, gray, with trace of gravel-----	5	30	
Sand, silty, gray, with little clay-----	11	41	
Clay, silty, gray, with little sand-----	9	50	

Well 37/4W-18E1

Type of record: Driller's log.

Altitude: 659 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	1	1	
Sand, silty, mottled, with trace of clay-----	4	5	
Sand, silty, gray, with some clay-----	10	15	

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

Well 37/4W-18E1--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, coarse, silty, gray, with trace of clay-----	5	20	
Sand, coarse, silty, gray, with some clay-----	10	30	

Well 37/4W-18M1

Type of record: Driller's log. Altitude: 659 feet.

Quaternary system:			
Recent and Pleistocene series:			
Fill-----	1	1	
Clay, silty, mottled, and sand--	4	5	
Clay, silty, light-brown, with some sand-----	10	15	
Silt, clayey, gray, and sand----	10	25	
Sand, silty, gray, with some clay-----	5	30	
Silt, clayey, gray, and sand----	25	55	

Well 37/4W-18Q1

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

Quaternary system:			
Recent and Pleistocene series:			
Sand-----	46	46	
Clay-----	4	50	
Sand-----	6	56	

Well 37/4W-18R1

Type of record: Driller's log from memory. Altitude: 667 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand-----	20	20	
Clay-----	40	60	
Sand-----	5	65	
Clay-----	23	88	
Sand-----	4	92	

Well 37/4W-24A1

Type of record: Driller's log. Altitude: 800 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand-----	10	10	
Clay, red-----	15	25	
Sand, fine, and clay; mixed----	165	190	
Sand-----	9	199	

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

Well 37/4W-26A1

Type of record: Driller's log from memory.

Altitude: 830 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, red-----	6	6	
Clay, red, and gravel-----	49	55	
Clay, blue-----	45	100	
Clay and very fine sand; mixed--	20	120	
Sand, fine-----	6	126	

Well 37/4W-26C1

Type of record: Driller's log.

Altitude: 760 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand-----	20	20	
Clay, blue-----	11	31	
Sand, fine, and blue clay mixed with shale-----	84	115	
Sand, coarse-----	9	124	

Well 37/4W-26H1

Type of record: Driller's log.

Altitude: 820 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, red, and gravel-----	90	90	
Clay, blue, and fine sand; mixed-----	15	105	
Sand-----	3	108	

Well 37/4W-35J1

Type of record: Driller's log.

Altitude: 843 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, silty, brown, with trace of gravel-----	4	4	
Record missing-----	1	5	
Sand, fine to medium, silty, brown-----	11	16	
Sand, fine to coarse, clean, brown, with trace of gravel--	10	26	
Sand, fine to coarse, with some gravel and trace of silt--	10	36	
Sand, medium to coarse, clean, tan, with few shale pebbles--	9	45	

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

Well 37/4W-35P1

Type of record: Driller's log. Altitude: 852 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Loam, dark-brown-----	2	2	
Silt, sandy, pebbly, dark-brown-----	3	5	
Sand, fine, silty, brown-----	5	10	
Silt, sandy, tan to gray-----	5	15	
Sand, fine to medium, silty, brown and tan-----	29	44	
Sand, fine to coarse, silty, brown, with gravel and peat-----	3	47	
Sand, fine to medium, silty, brown-----	7	54	
Sand, fine to coarse, silty, gravelly, brown-----	8	62	

Well 37/4W-35P2

Type of record: Driller's log. Altitude: 852 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Silt, brown, with trace of clay-----	2	2	
Silt, brown, and clay; some fine sand and pebbles-----	3	5	
Clay, silty, brown, and brown fine sand-----	1	6	
Sand, fine, brown, and silt; stratified-----	9	15	
Sand, fine to medium, brown, stratified, with trace of silt and gravel-----	43	58	
Sand, medium, silty, pebbly, brown-----	4	62	

Well 37/4W-35P3

Type of record: Driller's log. Altitude: 853 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, fine, silty, brown-----	2	2	
Silt, sandy, gravelly, brown-----	3	5	
Sand, fine to coarse, silty, gravelly, brown, stratified with brown sandy gravelly silt-----	3	8	
Silt, sandy, gravelly, brown, with trace of brown clay-----	7	15	
Sand, fine to coarse, silty, gravelly, brown, stratified-----	17	32	

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

Well 37/4W-35P3--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, fine to medium, gravelly, clean, brown-----	10	42	
Silt, sand, gravel, and peat----	13	55	
Silt, sand, and gravel-----	1	56	
Sand, fine to coarse, silty, with few pebbles-----	6	62	

Well 37/4W-35P4

Type of record: Driller's log.

Altitude: 855 feet.

Quaternary system:			
Recent and Pleistocene series:			
Silt, sandy, pebbly, brown-----	4	4	
Sand, fine to medium, silty, pebbly-----	11	15	
Silt, sandy, brown-----	13	28	
Sand, fine to medium, silty, brown-----	5	33	
Sand, fine to coarse, silty, brown, stratified, with shale-	4	37	
Sand, fine, silty, brown, with some gravel-----	5	42	
Sand, fine, silty, with shale and peat-----	3	45	
Silt, fine, sandy, and peat; some gravel-----	17	62	

Well 37/4W-36A1

Type of record: Driller's log.

Altitude: 866 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil, black-----	1	1	
Clay, silty, sandy-----	1	2	
Silt, sand, and clay; with some pebbles-----	3	5	
Sand, fine to coarse, brown to light-brown, with silt and gravel-----	3	8	
Sand and gravel-----	2	10	
Sand, fine to coarse, tan to gray, with some silt and gravel-----	5	15	
Sand and gravel; gray to tan, with some silt seams, brown clay, and silt-----	5	20	

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

Well 37/4W-36A1--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, fine to coarse, gray to brown, and gravel; trace of silt and clay-----	10	30	

Well 37/4W-36F1

Type of record: Driller's log. Altitude: 840 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	1	1	
Sand, medium to coarse, brown, with some gravel and trace of silt-----	15	16	
Sand, clean, brown to tan, with shale pebbles at base-----	6	22	
Sand, fine to coarse, brown, with trace of gravel-----	3	25	
Sand, medium to coarse, clean, brown-----	5	30	

Well 37/4W-36G4

Type of record: Driller's log. Altitude: 887 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil, black-----	1	1	
Sand, silty, brown-----	1	2	
Silt, brown, with trace of sand-----	2	4	
Sand, brown, and silt, with some gravel-----	1	5	
Sand, fine, silty, brown-----	1	6	
Sand, medium to coarse, brown, stratified, with some silt seams-----	6	12	
Silt, sandy, brown and black, stratified-----	3	15	
Sand, fine to coarse, brown, stratified, with some gravel and trace of silt-----	17	32	
Sand, fine to coarse, brown and gray, stratified, with trace of silt and gravel-----	7	39	
Hardpan; silt, sand, and gravel with brown and black shale pebbles-----	1	40	
Sand, medium to coarse, clean, tan and gray-----	2	42	
Silt and sand; yellow-----	3	45	

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

Well 37/4W-36G4--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, coarse, with some silt and gravel-----	1	46	
Record missing-----	4	50	
Sand, medium to coarse, brown, with trace of silt and gravel-	5	55	

Well 37/4W-36G5

Type of record: Driller's log.

Altitude: 888 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil, black-----	2	2	
Silt and fine sand-----	4	6	
Sand, silty, brown, and gravel--	10	16	
Sand, medium to coarse, clean, brown-----	6	22	
Sand, medium to coarse, clean, tan, brown, and gray, with coarse sand and pea-sized gravel at base-----	8	30	
Sand, fine to coarse, tan and brown, stratified, with trace of silt seams and gravel-----	10	40	
Sand, fine to coarse, brown to gray, stratified, with some shale pebbles-----	10	50	
Sand, fine to coarse, brown, with some shale pebbles-----	6	56	

Well 37/4W-36M1

Type of record: Driller's log.

Altitude: 844 feet.

Quaternary system:			
Recent and Pleistocene series:			
Silt, sandy, and silty sand; brown-----	2	2	
Sand, fine to coarse, brown, with some gravel and trace of silt-----	14	16	
Sand, fine, clean, brown to tan, stratified, with trace of gravel and silt-----	4	20	
Sand, fine to coarse, brown and tan, stratified; trace of silt and gravel-----	15	35	
Sand, silt, and gravel; brown, stratified-----	1	36	

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

Well 37/4W-36M1--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, fine, brown, stratified, with silt seams and shale pebbles-----	2	38	
Sand, brown, and some silt-----	2	40	

Well 38/1W-7Q1

Type of record: Driller's log. Altitude: 765 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, brown, and gravel-----	46	46	
Clay, blue-----	43	89	
Sand, white-----	4	93	

Well 38/1W-16J1

Type of record: Driller's log. Altitude: 811 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	2	2	
Clay, silty, dark-brown-----	2	4	
Clay, sandy, brown, with rock fragments-----	10	14	
Clay, sandy, and gravel; brown---	10	24	
Sand, fine to coarse, with trace of gravel-----	10	34	
Sand, coarse, and gravel; with trace of clay-----	5	39	
Sand, medium, and small gravel--	5	44	
Clay, sandy, and large gravel---	1	45	

Well 38/1W-16P2

Type of record: Driller's log. Altitude: 820 feet.

Quaternary system:			
Recent and Pleistocene series:			
Loam, sandy, brown-----	1	1	
Silt, medium, clayey, brown-----	3	4	
Clay, silty, yellow-----	6	10	
Clay, silty, sandy, yellow-----	12	22	
Sand, fine to coarse, clayey, brown-----	2	24	
Clay, silty, sandy, yellow-----	2	26	
Sand, fine, yellow-----	12	38	
Sand, fine to coarse, silty, yellow, and gravel-----	3	41	
Silt, clayey, sandy, gray-----	7	48	
Sand, fine to medium, yellow----	4	52	

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

Well 38/1W-16P2--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Silt, sandy, gray-----	2	54	
Sand, fine to coarse, brown, and gravel-----	1	55	

Well 38/1W-16Q2

Type of record: Driller's log.

Altitude: 820 feet.

Quaternary system:			
Recent and Pleistocene series:			
Loam, sandy, brown-----	1	1	
Clay, silty, yellow-----	7	8	
Clay, silty, yellow, with trace of sand and gravel-----	6	14	
Clay, silty, sandy, yellow, with trace of gravel-----	7	21	
Sand, silty, yellow, with trace of fine gravel-----	5	26	
Sand, fine to coarse, silty, yellow-----	6	32	
Sand, fine, silty, yellow, with trace of gravel-----	8	40	

Well 38/1W-16Q4

Type of record: Driller's log.

Altitude: 819 feet.

Quaternary system:			
Recent and Pleistocene series:			
Loam, sandy, brown-----	1	1	
Silt, medium, clayey, sandy, yellow-----	3	4	
Clay, silty, yellow-----	2	6	
Silt, sandy, yellow-----	3	9	
Sand, fine to coarse, silty, yellow, and gravel-----	3	12	
Clay, silty, sandy, yellow-----	4	16	
Clay, silty, gray-----	2	18	
Sand, fine to medium, silty, brown-----	3	21	
Clay, silty, yellow-----	3	24	
Sand, fine to coarse, clayey, yellow-----	2	26	
Sand, fine to medium, silty, yellow-----	10	36	
Sand, fine, silty, yellow, gravel, and boulders-----	4	40	

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

Well 38/1W-16Q5

Type of record: Driller's log.

Altitude: 820 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Loam, sandy, brown-----	1	1	
Clay, silty, brown-----	5	6	
Clay, silty, sandy, yellow-----	2	8	
Clay, silty, yellow, with trace of gravel-----	4	12	
Sand, fine to coarse, clayey, yellow, and fine gravel-----	4	16	
Clay, silty, gray, with trace of sand-----	4	20	
Clay, silty, yellow, with trace of sand-----	5	25	
Sand, fine to medium, silty, yellow, with fine gravel, some broken rock, and pieces of broken shale-----	25	50	

Well 38/1W-17P1

Type of record: Driller's log.

Altitude: 785 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, brown, and gravel-----	18	18	
Gravel, brown-----	16	34	
Clay, blue, and sand-----	10	44	
Sand, fine-----	7	51	
Gravel, blue-----	7	58	

Well 38/1W-18D1

Type of record: Driller's log.

Altitude: 760 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay-----	36	36	
Gravel-----	8	44	
Clay and sand-----	9	53	
Sand, white and brown-----	6	59	

Well 38/1W-19E1

Type of record: Driller's log.

Altitude: 845 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, sand, and gravel-----	36	36	
Gravel and brown sand-----	36	72	
Gravel-----	18	90	
Gravel, coarse, with sand-----	4	94	

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

Well 38/1W-19N1

Type of record: Driller's log.

Altitude: 810 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Loam, clayey, yellow-----	1	1	
Clay, medium, silty, yellow----	3	4	
Clay, silty, yellow-----	4	8	
Silt, clayey, sandy, yellow----	6	14	
Clay, silty, yellow-----	4	18	
Sand, fine to coarse, silty, yellow, and fine gravel-----	26	44	

Well 38/1W-19N4

Type of record: Driller's log.

Altitude: 810 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Loam, clayey, yellow-----	1	1	
Clay, medium, silty, yellow----	2	3	
Clay, silty, yellow-----	3	6	
Clay, hard, silty, yellow----	4	10	
Clay, silty, yellow, with trace of sand-----	8	18	
Sand, fine, yellow-----	8	26	
Clay, silty, yellow-----	2	28	
Clay, silty, sandy, yellow----	4	32	
Clay, silty, blue-----	6	38	
Clay, silty, yellow-----	2	40	
Sand, fine to coarse, silty, brown, with fine to coarse gravel-----	6	46	

Well 38/1W-20M1

Type of record: Driller's log.

Altitude: 822 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, silty, yellow-----	6	6	
Silt, clayey, sandy, yellow----	5	11	
Sand, fine to medium, very silty, yellow-----	3	14	
Sand, fine, yellow, with trace of fine gravel-----	14	28	
Sand, fine, clayey, yellow, with fine gravel and broken rock-----	10	38	
Sand, fine to medium, silty, yellow-----	2	40	

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

Well 38/1W-20M5

Type of record: Driller's log.

Altitude: 818 feet.

Material	Thick-ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, medium, silty, yellow-----	6	6	
Sand, fine, silty, brown-----	5	11	
Sand, fine, yellow-----	2	13	
Sand, fine, yellow, with trace of fine gravel-----	13	26	
Sand, fine to medium, yellow, and gravel-----	8	34	
Sand, fine to coarse, yellow, gravel, and broken rock-----	11	45	

Well 38/1W-21B1

Type of record: Driller's log.

Altitude: 800 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow-----	20	20	
Sand-----	20	40	
Gravel, coarse-----	20	60	
Sand and gravel-----	9	69	

Well 38/1W-21D1

Type of record: Driller's log.

Altitude: 806 feet.

Quaternary system:			
Recent and Pleistocene series:			
Loam, sandy, brown-----	1	1	
Silt, stiff, clayey, sandy, brown-----	3	4	
Clay, very stiff, silty, yellow-----	4	8	
Sand, fine, clayey, yellow-----	5	13	
Sand, fine, silty, yellow-----	9	22	
Sand, fine to coarse, silty, yellow, and fine gravel-----	4	26	
Sand, fine, yellow-----	19	45	

Well 38/1W-21N1

Type of record: Driller's log.

Altitude: 795 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay and sand-----	25	25	
Clay, brown-----	15	40	
Sand and gravel-----	10	50	
Sand, white-----	10	60	
Sand and gravel-----	7	67	

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

Well 38/1W-28C1

Type of record: Driller's log. Altitude: 780 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, brown, and clay-----	18	18	
Gravel, brown, and sand-----	6	24	
Silt and clay-----	8	32	
Sand, white, and gravel-----	8	40	

Well 38/1W-28D4

Type of record: Driller's log. Altitude: 790 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay-----	10	10	
Sand and gravel-----	20	30	
Sand, coarse, brown, with little gravel-----	10	40	

Well 38/1W-28L1

Type of record: Driller's log. Altitude: 775 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, brown, and gravel-----	18	18	
Sand, white, and gravel-----	16	34	
Clay, blue-----	4	38	
Sand, fine, silty-----	14	52	
Sand, white, and gravel-----	7	59	

Well 38/1W-28Q2

Type of record: Driller's log. Altitude: 780 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, brown, and gravel-----	18	18	
Sand, brown, and clay-----	18	36	
Sand, fine, brown-----	10	46	
Sand, fine, white-----	8	54	
Sand coarse, and gravel-----	6	60	
Gravel-----	12	72	
Sand, white, and gravel-----	5	77	

Well 38/1W-29P1

Type of record: Driller's log. Altitude: 860 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand-----	72	72	
Gravel and sand-----	22	94	
Sand and clay-----	18	112	

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

Well 38/1W-29P1--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, coarse-----	6	118	

Well 38/1W-31R1

Type of record: Driller's log. Altitude: 855 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, brown-----	30	30	
Gravel and brown sand-----	20	50	
Sand, brown, and gravel-----	40	90	
Sand, brown-----	12	102	

Well 38/1W-32Q1

Type of record: Driller's log. Altitude: 840 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, brown, and gravel-----	50	50	
Sand, brown, and clay-----	10	60	
Sand, brown, and gravel-----	20	80	
Sand, brown-----	8	88	

Well 38/1W-32Q2

Type of record: Driller's log. Altitude: 840 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand and dirt-----	18	18	
Sand-----	22	40	
Gravel and sand-----	25	65	
Clay and sand-----	15	80	
Sand, brown-----	9	89	

Well 38/1W-33K1

Type of record: Driller's log. Altitude: 820 feet.

Quaternary system:			
Recent and Pleistocene series:			
Dirt, black, and sand-----	18	18	
Sand, brown, and gravel-----	54	72	
Sand, brown-----	14	86	

Well 38/2W-12Q1

Type of record: Driller's log from memory. Altitude: 765 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, fine-----	20	20	

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

Well 38/2W-12Q1--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Silt and clay-----	30	50	
Sand, coarse-----	10	60	

Well 38/2W-14Q1

Type of record: Driller's log.		Altitude:	
Quaternary system:			
Recent and Pleistocene series:			
Sand, fine, brown-----	18	18	
Clay, blue, and sand-----	7	25	
Sand, white-----	4	29	

Well 38/2W-14Q2

Type of record: Driller's log.		Altitude:	
Quaternary system:			
Recent and Pleistocene series:			
Sand, fine, brown-----	24	24	
Clay, blue-----	39	63	
Sand, white-----	6	69	

Well 38/2W-14Q3

Type of record: Driller's log.		Altitude:	
Quaternary system:			
Recent and Pleistocene series:			
Clay-----	15	15	
Sand, white-----	10	25	
Gravel and fine silt-----	15	40	
Silt and clay-----	30	70	
Sand, white-----	9	79	

Well 38/2W-17Q1

Type of record: Driller's log.		Altitude: 675 feet.	
Quaternary system:			
Recent and Pleistocene series:			
Clay and fine sand-----	10	10	
Silt, fine, and sand-----	20	30	
Clay, blue, and white sand-----	20	50	
Sand, white, and pea-sized gravel-----	6	56	

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

Well 38/2W-18P1

Type of record: Driller's log.

Altitude: 645 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand and gravel-----	18	18	
Clay-----	15	33	
Sand, coarse, and gravel-----	8	41	

Well 38/2W-21R1

Type of record: Driller's log.

Altitude: 785 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, fine, brown-----	85	85	
Clay and silt-----	35	120	
Silt, gray-----	40	160	
Sand, coarse, gray-----	5	165	

Well 38/2W-22A1

Type of record: Driller's log.

Altitude: 704 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand-----	25	25	
Sand, hard-----	150	175	
Mississippian and Devonian system:			
Lower Mississippian and Upper Devonian series:			
Shale, hard, gray-----	100	275	
Shale, hard, mixed colors-----	100	375	
Shale, brown-----	50	425	
Shale, blue, with pyrite-----	21	446	
Devonian and Silurian system:			
Middle Devonian and Middle Silurian series:			
Lime-----	31	477	
Lime, hard, light-colored-----	26	503	
Lime and shale-----	2	505	
Lime, brown-----	3	508	
Lime with dark streaks-----	9	517	
Lime, brown-----	33	550	
Lime, light-----	40	590	
Lime, brown-----	74	664	
Lime, gray-----	72	736	
Lime, with shale streaks-----	3	739	
Lime, brown-----	3	742	
Shale, dark-----	2	744	
Lime with shale streaks-----	12	756	
Shale-----	2	758	
Lime-----	2	760	
Dolomite and dark lime-----	16	776	

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

Well 38/2W-22A1--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Devonian and Silurian system: Middle Devonian and Middle Silurian series:			
Lime, white-----	4	780	
Lime, white and gray-----	12	792	

Well 38/2W-22E1

Type of record: Driller's log.

Altitude: 755 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, brown, and clay-----	36	36	
Clay, blue, and white silt-----	24	60	
Gravel, clay, and silt-----	30	90	
Sand, white-----	4	94	

Well 38/2W-24A1

Type of record: Driller's log.

Altitude: 770 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay-----	15	15	
Gravel and brown sand-----	21	36	
Sand, brown, and clay-----	20	56	
Sand, white, and gravel-----	7	63	

Well 38/2W-24R1

Type of record: Driller's log.

Altitude: 810 feet.

Quaternary system:			
Recent and Pleistocene series:			
Loam, clayey, brown-----	1	1	
Clay, medium, silty, yellow-----	5	6	
Silt, soft, clayey, yellow-----	4	10	
Clay, silty, yellow-----	4	14	
Clay, hard, silty, gray-----	5	19	
Clay, hard, silty, yellow-----	2	21	
Sand, fine to coarse, yellow, with pieces of broken rock----	5	26	
Sand, fine to medium, yellow----	12	38	
Sand, fine to coarse, silty, yellow, and gravel-----	5	43	
Sand, fine to coarse, yellow, gravel, and broken rock-----	8	51	

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

Well 38/2W-24R2

Type of record: Driller's log. Altitude: 809 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Loam, clayey, yellow-----	1	1	
Clay, medium, silty, sandy, yellow-----	10	11	
Clay, silty, sandy, yellow-----	7	18	
Sand, fine to medium, yellow, fine gravel, and broken rock--	6	24	
Clay, silty, sandy, yellow-----	2	26	
Clay, silty, gray-----	2	28	
Sand, fine to coarse, silty, yellow, with fine to medium gravel and broken rock-----	12	40	

Well 38/2W-24R3

Type of record: Driller's log. Altitude: 784 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Peat-----	5	5	
Silt, sandy-----	9	14	
Silt-----	4	18	
Clay-----	3	21	
Silt, sandy-----	5	26	
Clay-----	6	32	
Silt, sandy-----	3	35	

Well 38/2W-25C1

Type of record: Driller's log. Altitude:

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay-----	15	15	
Gravel and brown sand-----	37	52	
Sand, coarse, brown-----	13	65	

Well 38/2W-25D1

Type of record: Driller's log. Altitude: 815 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Loam, medium, clayey, brown-----	3	3	
Clay, silty, yellow-----	7	10	
Sand, fine, silty, yellow-----	6	16	
Sand, fine to medium, silty, yellow, with trace of fine gravel and broken rock-----	10	26	
Sand, fine to coarse, yellow, and fine gravel-----	14	40	

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

Well 38/2W-25D3

Type of record: Driller's log.

Altitude:

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Dirt and sand-----	18	18	
Sand-----	32	50	
Gravel and sand-----	10	60	
Sand and clay-----	10	70	
Sand, coarse, brown-----	7	77	

Well 38/2W-25H4

Type of record: Driller's log.

Altitude:

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand and clay-----	25	25	
Gravel and brown sand-----	21	46	
Sand, brown-----	6	52	

Well 38/2W-25H5

Type of record: Driller's log.

Altitude:

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay and sand-----	36	36	
Gravel, extra hard-----	20	56	
Sand, brown, and clay-----	24	80	
Sand, coarse, white-----	5	85	

Well 38/2W-25H6

Type of record: Driller's log.

Altitude:

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay-----	15	15	
Sand-----	3	18	
Clay and sand-----	36	54	
Clay-----	6	60	
Gravel-----	11	71	
Sand, coarse, brown-----	5	76	

Well 38/2W-26A4

Type of record: Driller's log.

Altitude: 814 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Loam, medium, clayey, brown----	2	2	
Clay, sandy, silty, yellow----	8	10	
Sand, fine to coarse, very silty, brown-----	4	14	

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

Well 38/2W-26A4--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, fine to medium, yellow, with pieces of broken rock----	9	23	
Sand, fine to medium, silty, yellow, with small pieces of broken rock-----	17	40	

Well 38/2W-26G1

Type of record: Driller's log.

Altitude: 816 feet.

Quaternary system:			
Recent and Pleistocene series:			
Loam, sandy, brown-----	1	1	
Clay, stiff, silty, sandy, yellow and brown-----	3	4	
Silt, stiff, clayey, sandy, yellow-----	6	10	
Sand, fine, silty, yellow-----	1	11	
Clay, hard, silty, yellow-----	4	15	
Clay, hard, silty, gray-----	3	18	
Sand, fine, silty, yellow-----	2	20	

Well 38/2W-26G2

Type of record: Driller's log.

Altitude: 829 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, silty, sandy, brown-----	6	6	
Sand, fine to coarse, silty, brown-----	2	8	
Gravel, fine, and fine yellow sand; with pieces of rock-----	2	10	
Sand, fine, yellow-----	22	32	
Sand, fine to coarse, silty, brown, with trace of fine gravel-----	13	45	

Well 38/2W-26H1

Type of record: Driller's log.

Altitude: 811 feet.

Quaternary system:			
Recent and Pleistocene series:			
Peat-----	1	1	
Clay, soft, silty, brown-----	3	4	
Silt, medium, clayey, gray-----	6	10	
Clay, very stiff, silty, gray-----	6	16	
Sand, fine to coarse, silty, gray-----	2	18	
Sand, fine, yellow-----	2	20	

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

Well 38/2W-26K2

Type of record: Driller's log.

Altitude: 831 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, silty, brown-----	6	6	
Sand, fine to coarse, clayey, brown, with trace of fine gravel-----	5	11	
Sand, fine, yellow-----	7	18	
Sand, fine, yellow, and fine gravel-----	8	26	
Sand, fine to coarse, silty, brown, and fine gravel-----	14	40	

Well 38/2W-26N1

Type of record: Driller's log.

Altitude: 830 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Silt, medium, clayey, sandy, brown-----	6	6	
Sand, fine to medium, silty, yellow, with trace of fine gravel-----	12	18	
Sand, fine, yellow-----	13	31	
Sand, fine, yellow, with pieces of broken sand rock-----	2	33	
Sand, fine to medium, yellow----	3	36	
Sand, fine, yellow-----	2	38	
Sand, fine to medium, silty, yellow, with trace of gravel--	7	45	

Well 38/2W-26P1

Type of record: Driller's log.

Altitude: 828 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Silt, medium, clayey, sandy, brown-----	4	4	
Sand, fine to medium, silty, brown, with trace of gravel---	2	6	
Sand, fine, silty, yellow, with trace of fine gravel----	10	16	
Sand, fine, yellow-----	2	18	
Sand, fine to coarse, silty, brown, with fine to coarse gravel-----	3	21	
Sand, fine to medium, silty, yellow, with trace of gravel--	14	35	

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

Well 38/2W-28C1

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

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, sandy, brown-----	18	18	
Sand and silt-----	10	28	
Sand, white-----	4	32	

Well 38/2W-30G1

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

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, brown, and gravel-----	54	54	
Sand, fine, clay, and gravel---	14	68	
Gravel, coarse-----	6	74	

Well 38/2W-30L1

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

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Gravel and brown clay-----	18	18	
Clay, blue-----	10	28	
Sand, white-----	4	32	
Silt-----	25	57	
Sand, white-----	9	66	

Well 38/2W-32E1

Type of record: Driller's log. Altitude: 855 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay-----	30	30	
Sand, brown-----	24	54	
Clay and sand-----	23	77	
Gravel and clay-----	13	90	
Sand, gravel, and clay-----	32	122	
Sand, coarse, white-----	6	128	

Well 38/2W-32M1

Type of record: Driller's log. Altitude: 860 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, brown-----	18	18	
Sand, brown, and gravel-----	36	54	
Gravel-----	9	63	
Sand, brown-----	17	80	
Sand, brown, and gravel-----	20	100	
Sand, white-----	7	107	

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

Well 38/2W-32M1--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, white, and gravel-----	8	115	

Well 38/2W-33D1

Type of record: Driller's log. Altitude: 875 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, brown, gravel, and clay---	80	80	
Sand, coarse, brown-----	10	90	
Clay and silt-----	20	110	
Sand, fairly coarse, white, and gravel-----	7	117	

Well 38/2W-34A1

Type of record: Driller's log. Altitude: 840 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	2	2	
Clay, sandy, yellow-----	50	52	
Sand and gravel-----	8	60	
Sand, dirty, with little gravel-	10	70	
Sand, yellow-----	45	115	
Sand, gray, with some gravel----	15	130	

Well 38/2W-34A2

Type of record: Driller's log. Altitude: 840 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay-----	2	2	
Clay, sandy-----	28	30	
Sand, muddy, and gravel-----	8	38	
Sand and gravel-----	2	40	
Sand, brown-----	35	75	
Sand and gravel-----	10	85	
Sand, brown-----	25	110	
Sand, gray, and gravel-----	6	116	Sandy clay at 116 feet.

Well 38/2W-34A3

Type of record: Driller's log. Altitude: 845 feet.

Quaternary system:			
Recent and Pleistocene series:			
Loam, medium, sandy, brown-----	2	2	
Sand, fine, clayey, brown-----	2	4	
Silt, medium, sandy, brown-----	4	8	

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

Well 38/2W-34A3--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Silt, soft, brown-----	5	13	
Sand, fine, silty, yellow-----	5	18	
Silt, stiff, sandy, yellow-----	4	22	
Silt, medium, sandy, gray-----	4	26	
Sand, fine to medium, silty, yellow-----	3	29	
Sand, fine, clayey, yellow, with trace of brown shale-----	6	35	

Well 38/2W-34H1

Type of record: Driller's log. Altitude: 839 feet.

Quaternary system:			
Recent and Pleistocene series:			
Loam, stiff, sandy-----	1	1	
Clay, stiff, sandy, brown-----	5	6	
Sand, fine, brown-----	3	9	
Silt, medium, sandy, yellow-----	3	12	
Sand, fine, silty, yellow-----	2	14	
Silt, stiff, sandy, yellow-----	7	21	
Sand, hard, clayey, yellow-----	5	26	
Sand, fine to medium, very silty-----	6	32	
Sand, fine, clayey, brown-----	8	40	

Well 38/2W-34H2

Type of record: Driller's log. Altitude: 841 feet.

Quaternary system:			
Recent and Pleistocene series:			
Loam, medium, sandy, brown-----	1	1	
Sand, fine to medium, clayey, brown-----	3	4	
Silt, medium, clayey, sandy, brown-----	2	6	
Sand, fine to medium, clayey, brown, with pieces of broken rock-----	3	9	
Clay, hard, very sandy, brown---	2	11	
Sand, fine, silty, yellow-----	5	16	
Silt, hard, sandy, yellow-----	5	21	
Silt, stiff, gray, with trace of clay-----	7	28	

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

Well 38/2W-35P2

Type of record: Driller's log.

Altitude: 845 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand and gravel-----	18	18	
Sand, gravel, and clay-----	18	36	
Gravel and fine sand-----	42	78	
Sand, brown-----	17	95	

Well 38/3W-9Q2

Type of record: Driller's log.

Altitude: 676 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, soft, brown-----	6	6	
Clay, soft, sandy, brown-----	4	10	
Clay, medium soft, gray, with gravel partings-----	6	16	
Clay, medium soft, gray-----	6	22	
Clay, soft, silty, gray-----	10	32	
Sand, fine, gray-----	8	40	
Clay, stiff, gray-----	12	52	

Well 38/3W-9Q4

Type of record: Driller's log.

Altitude: 676 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Top soil, sandy, brown-----	6	6	
Clay, medium stiff to soft, gray, with some gravel-----	37	43	
Sand, fine, gray-----	7	50	
Clay, medium stiff, gray-----	6	56	
Sand, gray-----	6	62	

Well 38/3W-9Q5

Type of record: Driller's log.

Altitude: 676 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, fine to medium, brown-----	2	2	
Clay, medium stiff, brown-----	17	19	
Clay, soft, gray-----	5	24	
Sand, gray-----	2	26	
Sand, silty, gray-----	14	40	
Clay, medium stiff, gray, with some gravel-----	6	46	

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

Well 38/3W-10E1

Type of record: Driller's log.

Altitude: 673 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Loam, sandy, black-----	1	1	
Sand, light-brown-----	14	15	
Clay, silty, gray-----	25	40	
Sand, medium, gray-----	10	50	
Sand, gray, with some small gravel-----	10	60	
Clay and gravel-----	2	62	

Well 38/3W-10E3

Type of record: Driller's log.

Altitude: 673 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Loam, sandy, black-----	1	1	
Sand, light-brown-----	8	9	
Sand, silty, gray-----	4	13	
Clay, sandy, gray-----	5	18	
Sand and gravel; gray-----	2	20	
Clay, gray, with gravel-----	4	24	
Clay, gray-----	35	59	
Sand, fine-----	4	63	

Well 38/3W-14A1

Type of record: Driller's log.

Altitude: 680 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay and sand-----	36	36	
Silt and blue clay-----	35	71	
Sand, white-----	5	76	

Well 38/3W-15J1

Type of record: Driller's log.

Altitude: 690 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, brown-----	18	18	
Silt, fine-----	16	34	
Sand, white-----	6	40	

Well 38/3W-17Q3

Type of record: Driller's log.

Altitude: 652 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, yellow and brown-----	6	6	
Sand, gray and brown-----	3	9	

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

Well 38/3W-17Q3--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, gray, with clay layers----	3	12	
Clay, gray-----	38	50	
Clay, dense, gray-----	6	56	

Well 38/3W-19A1

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

Quaternary system:			
Recent and Pleistocene series:			
Sand, yellow-----	5	5	
Clay, yellowish-----	11	16	
Clay, blue-----	115	131	

Well 38/3W-26F2

Type of record: Driller's log. Altitude: 663 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, silty, organic, black, with trace of gravel and clay-	2	2	
Sand, gray and brown, with trace of silt-----	33	35	
Clay, silty, gray, with trace of sand and gravel-----	1	36	
Sand, gray, with trace of silt--	14	50	

Well 38/3W-26F3

Type of record: Driller's log. Altitude: 664 feet.

Quaternary system:			
Recent and Pleistocene series:			
Fill; black and red organic silty sand-----	2	2	
Clay, silty, brown-----	4	6	
Sand, silty, gray, with trace of clay-----	4	10	
Sand, gray and brown, with trace of silt and gravel-----	4	14	
Sand, brown, with trace of silt-----	2	16	
Sand, brown and gray, with trace of silt-----	6	22	
Sand, gravelly, brown and gray, with trace of silt and clay---	4	26	
Sand, brown, with trace of silt-----	4	30	

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

Well 38/3W-31L1

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

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Top soil, sandy, brown-----	2	2	
Clay, sandy, gray-----	1	3	
Sand, gray-----	14	17	
Clay, soft, gray-----	1	18	
Sand, gray-----	5	23	
Clay, stiff, gray-----	4	27	
Clay, sandy, gray-----	6	33	
Silt, gray, to fine gray sand--	3	36	

Well 38/3W-31L2

Type of record: Driller's log. Altitude: 622 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, soft, silty, brown and gray-----	3	3	
Sand, fine to medium, gray-----	6	9	
Clay, medium, stiff, gray-----	15	24	
Sand, soft, silty, gray-----	11	35	
Sand, fine to medium, gray-----	1	36	

Well 38/3W-31L4

Type of record: Driller's log. Altitude: 622 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Silt and sand; yellow-----	3	3	
Sand, gray-----	10	13	
Clay, dense, gray-----	11	24	
Silt, gray, with sand and gravel-----	8	32	

Well 38/3W-31N1

Type of record: Driller's log. Altitude: 621 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, gray and brown-----	10	10	
Sand, gray-----	9	19	
Sand, gray, with some gravel----	4	23	
Clay, stiff, gray-----	9	32	
Sand and gravel; gray, with shale seams-----	2	34	
Silt, gray-----	6	40	
Clay, dense, silty, gray, with some gravel-----	1	41	

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

Well 38/3W-31N2

Type of record: Driller's log.

Altitude: 620 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, fine to medium, brown-----	2	2	
Sand, fine, gray, with traces of peat-----	20	22	
Sand, gray-----	3	25	
Clay, sand, and gravel-----	14	39	Till.
Sand, fine, gray-----	3	42	
Gravel and sand; gray-----	4	46	

Well 38/3W-33D2

Type of record: Driller's log from memory.

Altitude: 660 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand-----	10	10	
Clay-----	26	36	
Sand, fine, and clay-----	14	50	
Gravel, coarse, and white sand--	3	53	

Well 38/3W-33N1

Type of record: Driller's log.

Altitude: 660 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, brown-----	18	18	
Silt-----	14	32	
Clay, blue-----	18	50	
Sand, fine-----	7	57	
Sand, fine, and gravel-----	3	60	
Gravel and sand-----	7	67	

Well 38/3W-35K1

Type of record: Driller's log.

Altitude: 685 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, brown-----	10	10	
Clay, blue-----	24	34	
Sand, white, and gravel-----	6	40	

Well 38/3W-36M1

Type of record: Driller's log.

Altitude: 700 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, brown and blue-----	18	18	
Silt and clay-----	62	80	
Sand and gravel-----	6	86	

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

Well 38/3W-36M1---Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand-----	10	96	
Sand, coarse, white-----	4	100	

Well 38/4W-19Q1

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

Quaternary system:			
Recent and Pleistocene series:			
Sand-----	18	18	
Clay, blue-----	42	60	
Gravel, sand, and clay-----	6	66	
Clay, blue-----	84	150	
Devonian system:			
Upper Devonian series:			
Shale-----	50	200	

Well 38/4W-22L2

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

Quaternary system:			
Recent and Pleistocene series:			
Sand-----	30	30	
Clay, sandy-----	20	50	
Clay, blue-----	20	70	
Clay-----	15	85	
Sand-----	20	105	
Clay, blue-----	30	135	
Gravel-----	23	158	
Clay, blue-----	37	195	
Devonian system:			
Upper Devonian series:			
Shale, brown-----	40	235	
Shale, blue-----	13	248	
Shale, brown-----	19	267	
Middle Devonian series:			
Limestone-----	28	295	Water at 264 feet; crevice at 283 feet.

Well 38/4W-22M1

Type of record: Sample study by Indiana Geological Survey. Altitude: 615 feet.

Quaternary system:			
Recent and Pleistocene series:			
Drift-----	205	205	

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

Well 38/4W-22M1--Continued			
Material	Thick- ness (feet)	Depth (feet)	Remarks
Devonian system:			
Upper Devonian series:			
Shale, dark-grayish-brown, very sporiferous, slightly pyritic-	30	235	
Shale, dark-grayish-brown, slightly sporiferous, slightly pyritic-----	15	250	
Shale, dark-grayish-brown, slightly sporiferous, pyritic, with some pyritic dark-brown- ish-gray very cherty sandy dolomite-----	3	253	
Devonian and Silurian system:			
Middle Devonian and Middle Silurian series:			
Limestone-----	2	255	
Dolomite, coarse-crystalline, dark-brown-----	5	260	
Dolomite, coarse-crystalline, porous, whitish-brown-----	6	266	
Dolomite, coarse-crystalline, porous, light-tan to dark- brown-----	9	275	
Dolomite, coarse-crystalline, light-tan, dark-brown, and white-----	5	280	
Limestone, medium to coarse- crystalline, sandy, dolomite, whitish-gray-----	5	285	
Limestone, fine to coarse- crystalline, sandy, dolomitic, whitish-gray and brown-----	2	287	
Dolomite, fine to coarse-crys- talline, sandy, light-tan to dark-grayish-brown-----	13	300	
Limestone, fine to medium-crys- talline, sandy, argillaceous, light-tan to grayish-brown-----	5	305	
Limestone, dense to medium-crys- talline, slightly argillaceous, grayish-tan to gray-----	5	310	
Limestone, fine-crystalline, light-grayish-tan-----	10	320	
Limestone, fine to medium-crys- talline, slightly dolomitic, light-tan to tan; with some very dark-brown argillaceous dolomite-----	5	325	
Limestone, dense, dolomitic, light-tan-----	5	330	