

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

## Well 36/1W-33H1--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Devonian system:			
Upper Devonian series:			
Shale, brown-----	72	223	
Shale, gray-----	2	225	
Shale, brown-----	15	240	
Shale, gray-----	2	242	
Devonian and Silurian system; undif- ferentiated:			
Lime, white-----	13	255	
Lime, brown-----	8	263	
Lime, white and brown-----	14	277	
Slate, black-----	5	282	Shale.
Lime, white and brown-----	20	302	
Lime, gray-----	28	330	
Anhydrite, white-----	20	350	
Lime-----	45	395	
Lime, white and gray-----	130	525	
Lime, brown and gray-----	35	560	
Lime, white-----	30	590	
Lime, white and gray-----	10	600	
Record missing-----	10	610	
Lime, white-----	115	725	
Lime, hard, dark-gray-----	20	745	
Lime, light-gray-----	105	850	
Lime, white-----	25	875	
Lime, hard, gray-----	25	900	
Lime, hard, brown and gray-----	10	910	
Lime, hard, brown-----	48	958	
Lime, hard, white and brown-----	17	975	
Ordovician system:			
Upper Ordovician series?:			
Shale, soft, gray-----	11	986	
Lime and shale; hard, gray-----	34	1,020	
Lime, hard, gray-----	9	1,029	
Shale, gray-----	1	1,030	
Lime, hard, gray-----	8	1,038	
Shale, gray-----	11	1,049	
Lime, gray and black-----	2	1,051	
Shale, soft, gray-----	71	1,122	
Shale, hard, gray-----	14	1,136	
Shale, brown-----	24	1,160	
Shale, gray-----	6	1,166	
Shale, brown-----	99	1,265	
Shale, light-gray-----	11	1,276	
Middle Ordovician series:			
Limestone, hard, brown-----	92	1,368	

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

Well 36/2W-5C1

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

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand and gravel-----	180	180	
Mississippian system?:			
Lower Mississippian series?:			
Shale, green-brown-----	133	313	
Devonian system:			
Upper Devonian series:			
Shale, brown-----	71	384	
Middle Devonian series:			
Limestone and dolomite-----	156	540	
Silurian system:			
Middle Silurian series:			
Dolomite-----	505	1,045	
Ordovician system:			
Upper Ordovician series:			
Shale and shaly dolomite-----	303	1,348	
Middle Ordovician series:			
Dolomite-----	217	1,565	

Well 36/2W-6E2

Type of record: Driller's log. Altitude: 795 feet.

Quaternary system:			
Recent and Pleistocene series:			
Muck-----	5	5	
Clay, sandy, yellow-----	25	30	
Sand, dirty, gray-----	10	40	
Sand, gray-----	10	50	
Sand and some gravel-----	15	65	
Sand, fine, gray-----	36	101	

Well 36/2W-6E3

Type of record: Driller's log. Altitude: 795 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	2	2	
Clay, sandy, yellow-----	17	19	
Sand and gravel-----	13	32	
Sand, gray, and gravel-----	23	55	
Sand-----	29	84	
Sand, fine-----	4	88	

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

## Well 36/2W-7G1

Type of record: Driller's log.

Altitude: 780 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	2	2	
Muck-----	2	4	
Clay, sandy-----	23	27	
Sand and gravel; muddy-----	31	58	
Sand, fine, little muddy-----	35	93	
Sand, coarse-----	11	104	

## Well 36/2W-10M1

Type of record: Driller's log.

Altitude: 770 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Dirt and clay-----	15	15	
Sand, brown, and dirt-----	23	38	
Sand, coarse, brown-----	6	44	

## Well 36/2W-15A1

Type of record: Driller's log.

Altitude: 750 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Dirt, black, and sand-----	18	18	
Sand, gravel, and clay-----	7	25	
Sand, brown-----	7	32	

## Well 36/2W-19B1

Type of record: Driller's log.

Altitude: 770 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Dirt, black-----	2	2	
Sand, brown-----	13	15	
Clay, gravel, and sand-----	7	22	
Silt and fine sand-----	7	29	
Sand, coarse, white-----	6	35	

## Well 36/2W-23L1

Type of record: Driller's log.

Altitude: 734 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Soil-----	5	5	
Sand-----	20	25	
Sand and shale pieces-----	2	27	
Sand-----	32	59	
Marl and sand-----	1	60	
Quicksand-----	16	76	

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

Well 36/2W-23L1--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, blue-----	3	79	
Sand, fine-----	70	149	
Gravel-----	24	173	
Clay and shale; mixed-----	32	205	
Devonian system:			
Upper Devonian series:			
Shale, rotten, black and greenish-----	37	242	
Shale, brown-----	11	253	
Rock, hard, white-----	1	254	
Rock, soft, black-----	3	257	

Well 36/2W-31E2

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

Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	2	2	
Sand, brown-----	30	32	
Sand, gray-----	8	40	
Sand, gray, and coarse gravel---	16	56	
Sand, gray-----	32	88	Clay at 88 feet.

Well 36/2W-31P1

Type of record: Driller's log. Altitude: 737 feet.

Quaternary system:			
Recent and Pleistocene series:			
Soil-----	2	2	
Clay-----	2	4	
Sand, dirty-----	13	17	
Sand, medium, yellow-----	16	33	
Sand, coarse, gray-----	3	36	
Sand, very fine-----	6	42	
Sand, fine, and some coarse sand or gravel-----	8	50	
Sand, fine to medium-----	39	89	Clay at 89 feet.

Well 36/2W-32K1

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

Quaternary system:			
Recent and Pleistocene series:			
Soil-----	3	3	
Sand, dirty-----	17	20	
Sand, coarse-----	40	60	
Sand, medium-----	4	64	
Sand, coarse-----	20	84	Clay at 84 feet.

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

Well 36/2W-33J1

Type of record: Driller's log.

Altitude: 738 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Soil-----	4	4	
Sand, medium-----	13	17	
Sand, fine, yellow-----	22	39	
Sand, medium-----	6	45	
Sand, coarse-----	25	70	
Gravel-----	3	73	Clay at 73 feet.

Well 36/2W-34L1

Type of record: Driller's log.

Altitude: 738 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	2	2	
Sand, medium-----	36	38	
Sand, coarse-----	31	69	
Clay, blue-----	1	70	

Well 36/3W-1E2

Type of record: Driller's log.

Altitude: 800 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Soil, dirty-----	15	15	
Gravel, yellow-----	15	30	
Sand and gravel-----	18	48	
Sand-----	10	58	
Sand and gravel-----	36	94	
Sand-----	16	110	

Well 36/3W-1L2

Type of record: Driller's log.

Altitude: 797 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	5	5	
Sand and clay-----	5	10	
Sand, coarse, and clay-----	12	22	
Sand-----	6	28	
Gravel-----	10	38	
Gravel and sand-----	10	48	
Sand-----	18	66	

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

Well 36/3W-1Q1

Type of record: Driller's log.

Altitude: 795 feet.

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

Well 36/3W-3J1

Type of record: Driller's log.

Altitude: 822 feet.

Material	Thick-ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Gravel, brown, and sand-----	18	18	
Gravel, brown, and clay-----	18	36	
Sand, white, and clay-----	6	42	
Sand, white, and gravel-----	6	48	

Well 36/3W-3K1

Type of record: Driller's log.

Altitude: 832 feet.

Material	Thick-ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	2	2	
Clay, hard-----	4	6	
Gravel with rocks-----	9	15	
Gravel-----	25	40	
Sand, yellow-----	10	50	
Sand, gray-----	144	194	Blue clay at 194 feet.

Well 36/3W-3P1

Type of record: Driller's log.

Altitude: 827 feet.

Material	Thick-ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Dirt, black-----	2	2	
Clay and brown sand-----	16	18	
Sand, brown, and gravel-----	32	50	
Sand, white, and gravel-----	4	54	

Well 36/3W-3Q3

Type of record: Driller's log.

Altitude: 827 feet.

Material	Thick-ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, yellow-----	7	7	
Clay, blue-----	31	38	
Hardpan-----	6	44	
Sand-----	9	53	

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

Well 36/3W-6H1

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

Material	Thick-ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, brown, and gravel-----	50	50	
Clay, blue-----	10	60	
Clay and sand-----	5	65	
Sand and gravel-----	4	69	

Well 36/3W-9R1

Type of record: Driller's log. Altitude: 813 feet.

Material	Thick-ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Loam, black-----	5	5	
Clay, blue-----	23	28	
Sand, medium-----	12	40	

Well 36/3W-10A2

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

Material	Thick-ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Gravel, brown-----	18	18	
Gravel, brown, with clay-----	18	36	
Sand, brown, and gravel-----	6	42	
Gravel, brown-----	4	46	

Well 36/3W-10A3

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

Material	Thick-ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, medium, brown, and hard gravel-----	20	20	
Sand, medium, red-----	30	50	
Sand, soft, gray-----	9	59	

Well 36/3W-10C1

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

Material	Thick-ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay-----	38	38	
Sand, yellow-----	10	48	
Gravel, gray, and sand-----	26	74	

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

Well 36/3W-10G1

Type of record: Driller's log.

Altitude: 815 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Dirt, black-----	5	5	
Sand, brown, and dirt-----	13	18	
Clay, brown-----	7	25	
Clay, gravel, and sand-----	18	43	
Sand, coarse, brown-----	7	50	

Well 36/3W-10K1

Type of record: Driller's log.

Altitude: 815 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay and sand-----	18	18	
Gravel and sand-----	12	30	
Sand, brown-----	8	38	
Sand, brown and white-----	5	43	

Well 36/3W-16D1

Type of record: Driller's log.

Altitude: 820 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Dirt and clay-----	15	15	
Gravel and sand-----	9	24	
Sand, brown, and clay-----	10	34	
Sand, white, and gravel-----	6	40	

Well 36/3W-18E1

Type of record: Driller's log.

Altitude: 825 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Dirt, clay, and sand-----	18	18	
Sand, brown, with clay and gravel-----	12	30	
Sand, brown, and gravel-----	11	41	

Well 36/4W-1G1

Type of record: Driller's log.

Altitude: 835 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Dirt, black, and sand-----	18	18	
Gravel and brown sand-----	36	54	
Gravel and brown clay-----	22	76	
Sand, white, and gravel-----	6	82	



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

Well 36/4W-2D1

Type of record: Driller's log.

Altitude: 774 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	1	1	
Sand-----	1	2	
Silt-----	18	20	

Well 36/4W-3A2

Type of record: Driller's log.

Altitude: 755 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Top soil, black and brown, with silt and clay-----	2	2	
Sand, silt, and peat; brown to yellow, stratified, with some shells-----	4	6	
Peat, black, and gray organic silt; with sand, shells and some wood-----	20	26	
Clay, very stiff, silty, sandy, pebbly, blue-gray-----	4	30	
Clay, hard, silty, gray, with some stones-----	6	36	
Sand, fine to coarse, medium dense, silty, brown to yellow-	4	40	
Sand, fine to coarse, gravelly, brown and gray, stratified, with some silt-----	2	42	

Well 36/4W-3G2

Type of record: Driller's log.

Altitude: 804 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Cinders and brown, silty, fine sand-----	2	2	
Sand, fine, silty, brown, with pebbly clay and silt-----	2	4	
Silt, pebbly, brown-----	10	14	
Sand, fine to medium silty, stratified, with some gravel--	6	20	
Sand, fine to medium, gray, with silt and gravel-----	2	22	
Silt, stiff, gravelly, gray-----	3	25	
Silt, stiff, gray-----	4	29	

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

Well 36/4W-3G2--Continued			
Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, fine to medium, silty, gravelly, brown, stratified with gray stiff silt-----	11	40	
Sand, fine, dense, silty, tan and gray-----	12	52	

## Well 36/4W-3G4

Type of record: Driller's log.

Altitude: 819 feet.

Quaternary system:			
Recent and Pleistocene series:			
Silt, brown, with trace of fine sand-----	4	4	
Clay, silty, with trace of gravel-----	1	5	
Silt, stiff to very stiff, clayey, with trace of gravel--	5	10	
Silt, very stiff, gravelly, brown-----	8	18	
Sand, fine to coarse, silt, and pebbles; brown and tan, stratified-----	2	20	
Sand, fine to coarse, silty, gravelly, brown and tan, with some pebbles-----	12	32	
Silt, very stiff, brown, stratified-----	6	38	
Sand, fine to medium, dense, tan-----	4	42	
Sand, fine to medium, dense, silty, tan-----	8	50	
Sand, dense, silty, gravelly, brown and tan-----	2	52	

## Well 36/4W-3N1

Type of record: Driller's log.

Altitude: 861 feet.

Quaternary system:			
Recent and Pleistocene series:			
Silt, clayey, brown and gray, with some pebbles-----	4	4	
Clay, silty, pebbly, brown-----	1	5	
Silt and clay; pebbly, brown----	1	6	
Silt, stiff, clayey, pebbly, brown and gray-----	2	8	
Clay and silt; very stiff, pebbly, brown-----	6	14	

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

Well 36/4W-3N1--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, fine to medium, brown and tan-----	9	23	
Sand, fine to coarse, clayey, silty, gravelly, brown, stratified-----	10	33	
Sand, medium, silty, brown and tan, with some gravel-----	9	42	

Well 36/4W-3N2

Type of record: Driller's log.

Altitude: 842 feet.

Quaternary system:			
Recent and Pleistocene series:			
Silt and clay; brown, with trace of brown to gray fine sand----	2	2	
Silt, clayey, sandy, pebbly, brown-----	2	4	
Clay, sandy, brown-----	6	10	
Silt, sandy, with trace of clay and pebbles-----	2	12	
Silt, sandy, brown, stratified with brown, gravelly, fine sand-----	4	16	
Sand, fine, medium to dense, silty, brown, with some gravel	7	23	
Clay and silt, stiff, pebbly, gray-----	3	26	
Silt, sandy, pebbly, brown to gray-----	4	30	
Sand, fine to coarse, silty, gravelly, brown-----	7	37	
Sand, fine, brown to tan-----	5	42	

Well 36/4W-5J1

Type of record: Driller's log.

Altitude: 775 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil and brown sand-----	10	10	
Clay, yellow-----	24	34	
Clay, gray-----	25	59	
Sand, brown, with few small gravel-----	12	71	
Sand, light-brown-----	20	91	
Sand, muddy, and gravel; with chunks of brown shale-----	6	97	
Sand, gray-----	16	113	

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

## Well 36/4W-5M1

Type of record: Driller's log.

Altitude: 750 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, soft, brown-----	25	25	
Clay, medium, gray-----	56	81	
Sand, gray, and medium gravel---	6	87	

## Well 36/4W-7G1

Type of record: Driller's log.

Altitude: 776 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Top soil, black, and brown sandy silt-----	2	2	
Sand, fine, brown, with some shale pebbles and trace of silt-----	3	5	
Clay, stiff, silty, with some sand and pebbles-----	6	11	
Sand, medium to coarse, brown, stratified with silt-----	5	16	
Sand, fine, with some silt-----	9	25	
Sand, silty, brown, stratified with silt-----	1	26	
Sand, brown, and silt; with trace of gravel-----	2	28	
Sand, fine to coarse, brown, with some silt seams-----	2	30	

## Well 36/4W-8A1

Type of record: Driller's log.

Altitude: 791 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Silt, pebbly, brown, stratified with brown and tan pebbly silt	10	10	
Silt, fine, sandy, pebbly, stratified with brown and tan fine to medium sand-----	5	15	
Sand, fine to medium, brown, with trace of silt and gravel---	5	20	
Sand, fine, silty, dark-brown---	2	22	
Clay and silt; gray-----	4	26	
Silt, clayey, gray-----	6	32	
Silt, gray, stratified with gray soft clay; varved-----	3	35	
Clay, silty, gray, with few stones-----	16	51	
Sand, fine to coarse, gray to yellow-----	11	62	

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

Well 36/4W-8A1--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Silt, gray, with trace of clay--	4	66	
Sand, fine, gray to yellow, with trace of silt-----	20	86	

Well 36/4W-8A2

Type of record: Driller's log. Altitude: 778 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, sandy, brown and gray-----	3	3	
Clay, stiff, silty, brown and gray, with some small pebbles-	3	6	
Clay, stiff, sandy, tan and brown, with some small pebbles-----	1	7	
Silt, stiff, tan, with trace of clay-----	3	10	
Sand, dense, brown, with trace of clay and silt-----	1	11	
Clay, silty, gray, with sand and few pebbles-----	4	15	
Sand, clayey, brown-----	10	25	
Silt, gray, with trace of clay and few small stones-----	5	30	
Silt, gray, clay, and sand-----	10	40	
Silt, gray, with trace of clay and sand-----	12	52	
Silt, gray, and gray fine sand-	4	56	
Sand, fine to coarse, brown and gray, with some shale pebbles-	19	75	
Sand, fine, silty, gray-----	7	82	

Well 36/4W-8A4

Type of record: Driller's log. Altitude: 770 feet.

Quaternary system:			
Recent and Pleistocene series:			
Silt, sandy, brown-----	5	5	
Silt, loose, sandy, pebbly, gray, with some organic matter-----	15	20	
Sand, fine, dark-gray-----	5	25	
Sand, fine, silty, dark-gray----	2	27	
Silt, clayey, gray, with some fine to medium sand-----	18	45	
Silt, clayey, gray, stratified with fine to medium sand-----	7	52	

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

Well 36/4W-8A5

Type of record: Driller's log.

Altitude: 769 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Silt, brown and gray, with trace of fine sand and organic matter-----	12	12	
Silt, fine to coarse, gravelly, gray-----	10	22	
Silt, fine to coarse, sandy, gravelly, gray-----	6	28	
Sand, fine to medium, brown and tan-----	6	34	
Sand, fine to medium, brown and tan, stratified with gray silt-----	1	35	
Silt, gray-----	17	52	
Sand, fine, gray, stratified with gray silt-----	7	59	
Sand, fine, brown, with few pebbles-----	3	62	

Well 36/4W-8A6

Type of record: Driller's log.

Altitude: 768 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Fill; clay, silt, sand, and gravel-----	6	6	
Clay, gray and brown, and pebbly silty; stratified-----	19	25	
Clay, pebbly, gray, and fine to coarse gravel-----	5	30	
Clay, pebbly, gray, coarse sand, and gravel-----	5	35	
Sand, coarse, brown and gray, and fine gravel with silt-----	7	42	
Sand, fine to medium, brown and gray-----	8	50	

Well 36/4W-8A8

Type of record: Driller's log.

Altitude: 773 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Fill; silt, pebbly, brown, with some organic matter-----	12	12	
Silt, clayey, pebbly, brown and gray-----	10	22	

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

Well 36/4W-8A8--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, fine to coarse, gravel, and silty clay; with few large pebbles-----	3	25	
Silt, pebbly, gray, and clay; with few large pebbles-----	3	28	
Sand, fine to coarse, and gravel; silty, gray-----	4	32	
Silt, gray, with trace of fine sand and clay-----	13	45	
Sand, fine to coarse, silty, gray, with few large pebbles--	7	52	

Well 36/4W-8A10

Type of record: Driller's log. Altitude: 776 feet.

Quaternary system:			
Recent and Pleistocene series:			
Fill; brown and gray pebbly silt	4	4	
Silt, pebbly, brown and gray, with trace of sand and clay---	9	13	
Silt and clay, pebbly, gray-----	8	21	
Silt, gray, and clay; strat- ified with fine to coarse sand and gravel-----	4	25	
Silt and clay, pebbly-----	1	26	
Sand, fine to coarse, silty, and gravel-----	2	28	
Sand, fine to coarse, silty, and gravel; stratified-----	9	37	
Sand, fine to coarse, gravelly, gray, stratified-----	15	52	

Well 36/4W-8A11

Type of record: Driller's log. Altitude: 770 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, brown-----	18	18	
Sand, brown-----	10	28	
Sand and clay-----	7	35	
Sand, coarse, white-----	5	40	

Well 36/4W-8A14

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

Quaternary system:			
Recent and Pleistocene series:			
Clay-----	18	18	

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

Well 36/4W-8A14--Continued			
Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, brown, and clay-----	32	50	
Sand, coarse, white-----	10	60	

## Well 36/4W-8C2

Type of record: Driller's log.

Altitude: 714 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil, sandy, organic, brown to black-----	2	2	
Sand, silty, brown to black, with trace of clay-----	2	4	
Record missing-----	1	5	
Sand, fine, silty, gray-----	1	6	
Sand, fine, gray-----	2	8	
Sand, medium to fine, gray-----	2	10	
Sand, fine, gray-----	1	11	
Sand, medium to fine, gray, with some stones-----	11	22	
Sand, fine, gray, stratified----	3	25	
Sand, fine, medium-dense, gray, stratified with thin silt seams-----	1	26	
Sand, fine, medium-dense, gray, stratified with silt seams; trace of gravel-----	14	40	
Sand, coarse, dense, gray, and gravel; with some silt-----	5	45	
Sand, fine, dense, gray, stratified with some silt seams; trace of gravel-----	5	50	
Sand, coarse, gray, and pea gravel; clean-----	6	56	
Sand, fine to coarse, gray, and some gravel-----	4	60	
Sand, fine to coarse, dense, gray, and gravel; with some silt seams-----	2	62	
Sand, gray, and some gravel----	3	65	
Sand, fine, dense, gray, stratified with some silt seams; trace of gravel-----	5	70	
Sand, fine to medium, medium- dense, gray, stratified, with trace of silt and some stone---	5	75	
Sand, medium to coarse, medium- dense, gray, with trace of silt and gravel-----	5	80	



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

Well 36/4W-8C2--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, fine to coarse, medium-dense, gray, stratified with some silt seams-----	2	82	

Well 36/4W-8C3

Type of record: Driller's log.

Altitude: 771 feet.

Quaternary system:			
Recent and Pleistocene series:			
Silt, brown, with trace of sand and brown clay-----	4	4	
Sand, fine, silty, brown-----	1	5	
Silt and fine sand; brown-----	1	6	
Sand, fine, brown, with some silt-----	9	15	
Sand, fine, brown, with some silt and few pebbles-----	1	16	
Sand, fine, brown, with some silt, and trace of gray, fine to medium sand, and few pebbles-----	4	20	
Sand, fine to medium, brown and gray, with some gravel and shale-----	5	25	
Sand, fine to medium, with trace of brown and gray medium sand-----	5	30	
Sand, medium to dense-----	5	35	
Sand, dense-----	1	36	
Sand, dense, gray, with some small gravel-----	4	40	
Sand, fine to coarse, and gravel; trace of dense silt---	2	42	
Sand, fine to medium, gray-----	3	45	
Sand, fine to medium, gray and brown, with some gravel and stones-----	1	46	
Sand, fine, dense, gray, with trace of silt-----	4	50	
Silt, fine, sandy, with some gravel-----	2	52	
Silt, fine, gray, and sand-----	3	55	
Sand, fine, gray, with trace of silt-----	5	60	
Sand, fine, silty, gray-----	5	65	
Sand, silty, very dense-----	5	70	
Sand, very dense, clean-----	2	72	
Record missing-----	8	80	

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

Well 36/4W-8C3--Continued

Material	Thick-ness (feet)	Depth (feet)	Remarks
Quaternary system: Recent and Pleistocene series: Sand, brown and gray, and gravel; with some silt-----	2	82	

Well 36/4W-8C5

Type of record: Driller's log.

Altitude: 768 feet.

Quaternary system: Recent and Pleistocene series: Silt, brown and gray, with some organic matter-----	2	2
Silt, brown and gray, with some organic matter and trace of small gravel and sand-----	2	4
Silt, brown and gray, with trace of small gravel and brown medium sand-----	2	6
Silt, brown, with trace of gray silt, medium sand, and some small gravel-----	4	10
Silt, brown, with trace of brown fine sand and few pebbles-----	4	14
Sand, fine to coarse, with some gravel and silt-----	1	15
Sand, fine to coarse, silty, brown, with some gravel-----	1	16
Sand, fine to coarse, silty, brown, with some shale stones and large gravel-----	4	20
Silt, brown, with clay, brown fine sand, gravel, and shale stones-----	6	26
Silt and fine sand; gray-----	1	27
Silt and fine sand; gray, with some gravel-----	2	29
Silt and fine to medium sand; gray, with some gravel-----	6	35
Sand, fine to medium, brown and gray, with some silt and gravel-----	10	45
Sand, fine to medium, gray, with trace of silt-----	15	60
Sand, fine to medium, brown and gray, with trace of silt--	5	65
Sand, fine to medium, silty, tan, with some gravel and shale-----	11	76

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

Well 36/4W-8C5--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system: Recent and Pleistocene series: Sand, fine to medium, gray, with trace of silt-----	6	82	

Well 36/4W-8C6

Type of record: Driller's log.

Altitude: 765 feet.

Quaternary system: Recent and Pleistocene series:			
Silt, brown, with some organic matter-----	2	2	
Silt, soft, gray, with some organic matter-----	2	4	
Silt, soft, brown and gray, with some organic matter-----	1	5	
Silt, soft, brown and gray, with trace of clay, brown silty sand, and silt-----	1	6	
Silt, brown and tan, with some clay-----	2	8	
Sand, fine to coarse, silty, brown and tan, with some gravel-----	2	10	
Silt, fine, sandy, brown, with few pebbles-----	2	12	
Sand, fine to medium, brown, with some silt-----	3	15	
Sand, silt, and gravel; very stiff, gray-----	1	16	Till.
Till, stiff, gray-----	20	36	
Clay-----	4	40	
Till, stiff, gray, with some gray sand-----	2	42	
Gravel and sand; gray-----	4	46	
Sand, fine, gray, and silt-----	10	56	
Sand, fine to coarse, gray, and gravel-----	6	62	
Sand, fine to coarse, gray and brown, and gravel; with few shale pebbles and trace of silt-----	6	68	
Sand, fine to medium, gray, with some loose shale and silt-----	12	80	
Silt, fine, gray, and gray fine to coarse sand and gravel with some shale stones-----	5	85	
Sand, fine to medium, gray, with some shale and trace of silt-----	3	88	

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

Well 36/4W-8C6--Continued			
Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, fine to coarse, gray, and gravel-----	4	92	

Well 36/4W-8C7			Altitude: 765 feet.
Type of record: Driller's log.			
Quaternary system:			
Recent and Pleistocene series:			
Clay, sandy, brown and yellow---	4	4	
Sand, fine, brown-----	1	5	
Clay, silty, brown and gray----	3	8	
Sand, fine to coarse, brown----	3	11	
Clay, brown-----	4	15	
Clay, silty, gray, with some pebbles-----	1	16	
Sand, coarse, brown, gray gravel, and gray silty clay---	4	20	
Clay, silty, gray, with some pebbles-----	16	36	
Silt, gray, and sand; with some gravel-----	14	50	
Silt, gray, with trace of clay--	2	52	
Silt, clayey, gray, with some sand and gravel-----	8	60	
Gravel with some silt and clay--	2	62	
Sand, gray, and gravel; with trace of clay-----	13	75	
Silt, gray, and gravel; with some sand-----	1	76	
Silt, gray, and clay; with some gravel-----	4	80	
Clay, gray, with trace of silt, sand, and gravel-----	5	85	
Sand, fine, gray, with some silt, clay, and gravel-----	7	92	

Well 36/4W-8D2			Altitude: 723 feet.
Type of record: Driller's log.			
Quaternary system:			
Recent and Pleistocene series:			
Silt and sand; brown, with some organic matter and few pebbles-----	4	4	
Sand, fine, silty, brown, with some pebbles and clay-----	1	5	

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

Well 36/4W-8D2--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, fine to coarse, silty, brown and gray, with some clay and gravel-----	9	14	
Silt, sandy, pebbly, brown and gray-----	4	18	
Sand, fine, gray, with trace of silt-----	2	20	
Sand, fine to coarse, with some gravel and silt-----	1	21	
Clay, pebbly, gray-----	3	24	
Sand, fine to coarse, gray, with gravel and some silt-----	9	33	
Silt, sandy, gray-----	2	35	
Sand, fine, gray, and silt; stratified-----	3	38	
Sand, fine to medium, gravelly, gray, with some stones and trace of silt-----	14	52	

Well 36/4W-9C1

Type of record: Driller's log.

Altitude: 813 feet.

Quaternary system:			
Recent and Pleistocene series:			
Silt, sandy, tan and brown-----	4	4	
Silt, clayey, brown, with few fine-sand seams-----	6	10	
Sand, fine to coarse, and gravel; brown to tan, with some silt, pebbles, and peat--	5	15	
Sand, fine to coarse, brown, with trace of peat, gravel, and clay-----	1	16	
Sand, fine to coarse, gravel, peat, and clay; brown, silty--	8	24	
Sand, fine to medium, silty, tan and brown-----	8	32	

Well 36/4W-9D1

Type of record: Driller's log.

Altitude: 795 feet.

Quaternary system:			
Recent and Pleistocene series:			
Silt, brown-----	11	11	
Clay, brown-----	3	14	
Silt, gray-----	2	16	
Clay, silty, sandy, brown-----	1	17	

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

Well 36/4W-9D1--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Silt, pebbly, gray, with trace of brown silty sand-----	3	20	
Sand, fine, silty, pebbly, brown-----	5	25	
Sand, fine to coarse, silty, brown-----	7	32	
Sand, fine to coarse, silty, gravelly, brown-----	8	40	

Well 36/4W-12N1

Type of record: Driller's log. Altitude: 837 feet.

Quaternary system:			
Recent and Pleistocene series:			
Dirt, black, and sand-----	15	15	
Sand, clay, and gravel-----	21	36	
Sand and clay-----	14	50	
Sand, white, and clay-----	8	58	
Sand, white, and coarse gravel--	4	62	

Well 36/4W-14P1

Type of record: Driller's log. Altitude: 827 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, brown, and clay-----	18	18	
Sand, brown, and gravel-----	18	36	
Clay, gravelly, blue-----	12	48	
Sand, white, and gravel-----	8	56	

Well 36/4W-15P1

Type of record: Driller's log. Altitude: 812 feet.

Quaternary system:			
Recent and Pleistocene series:			
Dirt, black, and clay-----	15	15	
Gravel and clay-----	15	30	
Clay and sand-----	12	42	
Sand, coarse, white-----	6	48	

Well 36/4W-19E1

Type of record: Driller's log. Altitude: 792 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil and brown clay-----	65	65	
Clay, blue-----	59	124	
Sand, muddy-----	8	132	

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

Well 36/4W-19E1--Continued

Material	Thick-ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay-----	28	160	
Sand and gravel-----	9	169	

Well 36/4W-28N1

Type of record: Driller's log. Altitude: 802 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay and gravel; brown-----	35	35	
Gravel, gray-----	20	55	
Sand, fine-----	52	107	
Sand, medium-----	10	117	

Well 36/4W-30D1

Type of record: Driller's log. Altitude: 795 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, medium, brown-----	12	12	
Sand, medium, gray-----	18	30	
Sand, gray, and medium gravel---	28	58	
Sand, medium, gray-----	6	64	

Well 36/4W-32L1

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

Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	2	2	
Sand and clay; mixed-----	16	18	
Sand, medium, gray-----	60	78	
Sand, fine-----	6	84	

Well 37/1W-5C1

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

Quaternary system:			
Recent and Pleistocene series:			
Dirt, black, and sand-----	25	25	
Gravel and brown sand-----	55	80	
Sand, brown, and coarse gravel---	13	93	

Well 37/1W-7R1

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

Quaternary system:			
Recent and Pleistocene series:			
Sand, brown-----	36	36	

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

Well 37/1W-7R1--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Gravel-----	24	60	
Sand, brown, and gravel-----	20	80	
Sand, coarse, brown-----	5	85	

Well 37/1W-8N1

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

Quaternary system:			
Recent and Pleistocene series:			
Sand-----	18	18	
Gravel and sand-----	46	64	
Sand, brown-----	4	68	

Well 37/1W-9L1

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

Quaternary system:			
Recent and Pleistocene series:			
Sand, brown-----	36	36	
Sand and clay-----	5	41	
Sand, white-----	49	90	Gravel at 90 feet.

Well 37/1W-16P1

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

Quaternary system:			
Recent and Pleistocene series:			
Dirt, black-----	3	3	
Sand, brown-----	22	25	
Gravel and sand-----	23	48	
Sand and clay-----	4	52	
Sand-----	18	70	
Gravel and coarse sand-----	18	88	
Sand, fine to coarse, brown-----	6	94	

Well 37/1W-17E1

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

Quaternary system:			
Recent and Pleistocene series:			
Sand, brown-----	36	36	
Gravel and sand-----	14	50	
Sand, fine, brown-----	6	56	
Clay, blue, and fine sand-----	19	75	
Sand, coarse, brown-----	7	82	



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

Well 37/1W-22D1

Type of record: Driller's log. Altitude: 770 feet.

Material	Thick-ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, brown-----	18	18	
Sand and gravel-----	21	39	
Sand and clay-----	11	50	
Sand, white-----	8	58	

Well 37/1W-29J1

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

Material	Thick-ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Gravel, brown-----	40	40	
Sand, brown, and gravel-----	40	80	
Gravel-----	4	84	

Well 37/1W-31C1

Type of record: Driller's log. Altitude: 787 feet.

Material	Thick-ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand and gravel-----	18	18	
Clay and sand-----	18	36	
Sand-----	14	50	
Sand, fine, brown-----	8	58	
Sand, coarse, brown-----	6	64	

Well 37/1W-31L1

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

Material	Thick-ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, brown-----	18	18	
Gravel-----	18	36	
Sand, fine, brown-----	18	54	
Sand, coarse, brown-----	4	58	

Well 37/2W-1D2

Type of record: Driller's log. Altitude: 810 feet.

Material	Thick-ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	5	5	
Sand, brown-----	29	34	
Sand, brown-----	29	63	
Sand and shale-----	4	67	
Sand-----	11	78	
Sand, coarse-----	18	96	
Clay and fine sand-----	4	100	

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

Well 37/2W-1D2--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, fine-----	10	110	
Sand, fine-----	36	146	
Sand-----	25	171	

Well 37/2W-2A1

Type of record: Driller's log. Altitude: 810 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, brown-----	18	18	
Gravel, brown-----	18	36	
Sand, brown-----	18	54	
Gravel-----	4	58	

Well 37/2W-2M1

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

Quaternary system:			
Recent and Pleistocene series:			
Sand, brown-----	18	18	
Sand and gravel-----	42	60	
Sand, coarse-----	4	64	

Well 37/2W-3D2

Type of record: Driller's log. Altitude: 857 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, medium, silty, yellow-----	4	4	
Sand, fine to medium, clayey, yellow, and fine gravel-----	4	8	
Silt, very sandy, yellow-----	2	10	
Sand, fine to medium, clayey, yellow, and fine gravel-----	4	14	
Sand, fine to medium, silty, yellow, with pieces of broken rock-----	2	16	
Sand, fine, yellow-----	3	19	
Sand, fine to medium, silty, yellow-----	10	29	
Sand, fine, yellow-----	9	38	
Sand, fine to medium, silty, yellow, with trace of clay and gravel-----	3	41	

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

Well 37/2W-4A3

Type of record: Driller's log.

Altitude: 858 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, medium, silty, yellow-----	6	6	
Silt, sandy, yellow-----	5	11	
Sand, fine to medium, silty, yellow, with trace of gravel---	9	20	
Silt, very sandy, yellow-----	2	22	
Sand, fine, yellow-----	3	25	
Sand, fine to medium, silty, yellow, with trace of gravel--	18	43	
Silt, sandy, yellow-----	9	52	
Clay, stiff, silty, blue-----	2	54	
Silt, sandy, yellow-----	1	55	

Well 37/2W-4A4

Type of record: Driller's log.

Altitude: 857 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, medium, silty, yellow-----	3	3	
Clay, silty, sandy, yellow-----	3	6	
Clay, silty, yellow-----	2	8	
Silt, medium, very sandy, yellow-----	2	10	
Sand, fine to medium, clayey, yellow-----	3	13	
Sand, fine to medium, silty, yellow, with trace of clay----	5	18	
Silt, sandy, yellow-----	2	20	
Sand, fine, silty, yellow-----	18	38	
Sand, fine to coarse, silty, yellow-----	1	39	
Silt, sandy, yellow-----	3	42	
Sand, fine to medium, clayey, yellow-----	6	48	

Well 37/2W-4N2

Type of record: Driller's log.

Altitude: 861 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, medium, silty, sandy, yellow-----	6	6	
Clay, silty, yellow-----	5	11	
Sand, fine to medium, silty, yellow-----	3	14	
Sand, fine, silty, yellow-----	7	21	
Clay, silty, yellow-----	3	24	

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

Well 37/2W-4N2--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, silty, yellow, with trace of clay and gravel-----	4	28	
Sand, fine, silty, yellow-----	17	45	

Well 37/2W-5C1

Type of record: Driller's log. Altitude: 900 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, fine, brown-----	68	68	
Clay and sand-----	12	80	
Sand, brown, and gravel; mixed--	80	160	
Sand, coarse, brown-----	20	180	

Well 37/2W-5L1

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

Quaternary system:			
Recent and Pleistocene series:			
Sand, brown-----	80	80	
Sand, brown, and clay-----	31	111	
Sand, coarse, brown-----	8	119	

Well 37/2W-5R2

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

Quaternary system:			
Recent and Pleistocene series:			
Loam, medium, clayey, sandy, brown-----	2	2	
Clay, stiff, silty, brown-----	4	6	
Sand, fine to medium, clayey, brown, with some fine gravel--	27	33	
Sand, fine to medium, clayey, brown-----	7	40	

Well 37/2W-5R7

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

Quaternary system:			
Recent and Pleistocene series:			
Silt, medium, clayey, brown-----	6	6	
Clay, silty, sandy, yellow-----	5	11	
Silt, medium, sandy, yellow-----	5	16	
Sand, fine to medium, silty, yellow-----	5	21	
Sand, fine to coarse, clayey, yellow, with fine gravel-----	3	24	

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

Well 37/2W-5R7--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Silt, sandy, yellow-----	2	26	
Sand, fine, silty, yellow-----	20	46	

Well 37/2W-7E3

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

Quaternary system:			
Recent and Pleistocene series:			
Silt, sandy, brown-----	2	2	
Clay, silty, yellow-----	3	5	
Silt, sandy, yellow, with trace of clay-----	5	10	
Sand, fine to medium, silty, yellow, with trace of gravel---	42	52	

Well 37/2W-7H1

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

Quaternary system:			
Recent and Pleistocene series:			
Top soil and clay-----	10	10	
Sand, yellow-----	25	35	
Sand, fine, gray-----	50	85	
Sand, gray-----	25	110	Clay at 110 feet.

Well 37/2W-7H2

Type of record: Driller's log. Altitude: 787 feet.

Quaternary system:			
Recent and Pleistocene series:			
Loam, clayey, silty, brown-----	2	2	
Sand, fine to coarse, silty, brown, with traces of small gravel-----	6	8	
Sand, medium to coarse, yellow and brown, with trace of silt-----	2	10	
Sand, medium, yellow, with trace of silt-----	2	12	
Sand, medium, yellow, with trace of small gravel-----	4	16	
Sand, coarse, silty, yellow, with small gravel and thin yellow-silt seams-----	2	18	
Sand, coarse, yellow, with small gravel and trace of silt-----	4	22	

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

Well 37/2W-7H2--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, medium to coarse, yellow, with trace of small gravel and silt-----	3	25	
Sand, coarse, silty, yellow, with some gravel-----	5	30	
Sand, coarse, gray, with large rock fragments and gravel-----	2	32	
Sand, fine to medium, gray-----	12	44	

Well 37/2W-7PI

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

Quaternary system:			
Recent and Pleistocene series:			
Clay-----	25	25	
Gravel and sand-----	11	36	
Sand and clay; mixed-----	29	65	
Sand-----	33	98	
Sand, coarse, brown-----	6	104	

Well 37/2W-8B1

Type of record: Driller's log. Altitude: 842 feet.

Quaternary system:			
Recent and Pleistocene series:			
Loam, medium, sandy, brown-----	2	2	
Sand, fine, clayey, brown-----	4	6	
Sand, fine to medium, silty, yellow-----	9	15	
Sand, fine, clayey, brown-----	3	18	
Silt, stiff, yellow and brown, with some small peices of brown shale-----	2	20	
Sand, fine to coarse, clayey, brown, and fine gravel-----	9	29	
Clay, medium, sandy, brown, with some brown shale-----	3	32	
Sand, fine to medium, silty, red	2	34	
Sand, fine, yellow-----	3	37	

Well 37/2W-8B4

Type of record: Driller's log. Altitude: 837 feet.

Quaternary system:			
Recent and Pleistocene series:			
Loam, black-----	1	1	
Sand, fine, silty, brown-----	31	32	

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

Well 37/2W-8B4--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, fine to medium, clayey, brown, with some shale and broken rock-----	2	34	
Sand, fine, silty, yellow-----	4	38	
Sand, fine, silty, yellow, with some shale and fine gravel-----	10	48	
Sand, fine to coarse, clayey, brown, with some shale and fine gravel-----	3	51	
Sand, fine to medium, silty, brown, with some fine gravel--	9	60	

Well 37/2W-10L1

Type of record: Driller's log. Altitude: 835 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, brown, and gravel-----	36	36	
Sand and coarse gravel-----	24	60	
Sand, brown, and gravel-----	5	65	

Well 37/2W-11E2

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

Quaternary system:			
Recent and Pleistocene series:			
Dirt and brown sand-----	18	18	
Clay and sand-----	18	36	
Gravel and sand-----	18	54	
Sand, brown-----	13	67	

Well 37/2W-11F2

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

Quaternary system:			
Recent and Pleistocene series:			
Dirt, black, and sand-----	18	18	
Sand, brown, clay, and gravel-----	24	42	
Sand, fine, brown-----	12	54	
Sand, brown, and gravel-----	6	60	

Well 37/2W-11J1

Type of record: Driller's log. Altitude: 810 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	1	1	
Clay, sandy-----	18	19	

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

Well 37/2W-11J1--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, brown-----	9	28	
Sand, medium, gray-----	46	74	
Sand, fine-----	9	83	Blue clay at 83 feet.

Well 37/2W-11J2

Type of record: Driller's log. Altitude: 810 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	1	1	
Clay, sandy-----	5	6	
Sand, brown-----	17	23	
Sand, medium, gray-----	44	67	
Sand, fine-----	9	76	
Sand, very fine-----	2	78	

Well 37/2W-11M1

Type of record: Driller's log. Altitude: 810 feet.

Quaternary system:			
Recent and Pleistocene series:			
Dirt, black, and sand-----	18	18	
Sand, brown, and gravel-----	28	46	
Sand, coarse, brown-----	7	53	

Well 37/2W-11N1

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

Quaternary system:			
Recent and Pleistocene series:			
Sand, brown-----	18	18	
Sand, brown, and gravel-----	72	90	
Gravel, brown-----	5	95	

Well 37/2W-12M1

Type of record: Driller's log. Altitude: 810 feet.

Quaternary system:			
Recent and Pleistocene series:			
Dirt, black-----	3	3	
Clay, sand, and gravel-----	15	18	
Sand, brown-----	18	36	
Gravel, large-----	4	40	
Gravel and brown sand-----	14	54	
Sand, coarse-----	4	58	
Gravel-----	2	60	



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

Well 37/2W-15D1

Type of record: Driller's log.

Altitude: 815 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Dirt and sand-----	10	10	
Sand and clay; mixed-----	20	30	
Sand, brown, and gravel-----	20	50	
Sand, brown-----	8	58	

Well 37/2W-19H1

Type of record: Driller's log.

Altitude: 815 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Drift-----	240	240	
Mississippian system:			
Lower Mississippian series:			
Shale, green-----	38	278	
Devonian system:			
Upper Devonian series?:			
Shale, light-brown-----	77	355	
Shale, dark-brown-----	60	415	
Shale, gray-----	20	435	
Shale, dark-brown-----	4	439	
Middle Devonian series:			
Lime-----	11	450	

Well 37/2W-20L1

Type of record: Driller's log.

Altitude: 820 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Drift-----	231	231	
Mississippian system:			
Lower Mississippian series:			
Shale, green-----	74	305	
Devonian system:			
Upper Devonian series?:			
Shale, light-brown-----	47	352	
Shale, dark-brown-----	38	390	
Shale, gray-----	73	463	
Shale, brown-----	5	468	
Shale-----	18	486	
Middle Devonian series:			
Lime-----	17	503	

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

Well 37/2W-20P1

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

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Dirt, black, and brown sand-----	18	18	
Sand, brown, and gravel-----	32	50	
Sand, brown-----	7	57	

Well 37/2W-20R1

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

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand-----	55	55	
Sand, fine-----	40	95	
Sand, medium, and gravel; mixed-----	10	105	
Sand, light-----	7	112	
Sand and gravel-----	7	119	
Sand, coarse, and gravel-----	5	124	
Sand-----	1	125	Heaving.

Well 37/2W-26D2

Type of record: Driller's log. Altitude: 770 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, brown, and clay-----	18	18	
Sand, brown, and gravel-----	16	34	
Sand, white, and gravel-----	8	42	

Well 37/2W-29C1

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	
Gravel, brown-----	6	24	
Sand, white, and clay-----	4	28	
Gravel, blue, and sand-----	5	33	

Well 37/2W-29E1

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

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand and gravel-----	18	18	
Clay and gravel-----	22	40	
Sand-----	6	46	

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

Well 37/2W-29E2

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

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, brown, and gravel-----	18	18	
Gravel, brown-----	18	36	
Sand, white, and gravel-----	15	51	

Well 37/2W-29F1

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

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, brown, and dirt-----	18	18	
Sand, brown, and clay-----	11	29	
Sand, white, and gravel-----	14	43	

Well 37/2W-30H1

Type of record: Driller's log. Altitude: 810 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Dirt and sand-----	18	18	
Sand, brown-----	12	30	
Gravel and sand-----	6	36	
Sand, brown, and clay-----	8	44	
Sand, white-----	5	49	

Well 37/2W-30K1

Type of record: Driller's log. Altitude: 810 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand-----	15	15	
Clay and sand-----	21	36	
Sand and gravel-----	36	72	

Well 37/2W-30L1

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

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	1	1	
Clay, sandy, with gravel-----	11	12	
Gravel, sandy, with trace of clay-----	12	24	
Sand and gravel-----	16	40	
Gravel, sandy, with trace of gray clay-----	14	54	
Clay, sandy, with gravel-----	7	61	

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

Well 37/2W-30L1--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand with little gravel-----	63	124	
Sand with trace of clay-----	20	144	
Sand with little gravel-----	20	164	
Sand and gravel; with clay-----	10	174	

Well 37/2W-30L2

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

Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	1	1	
Clay, sandy-----	6	7	
Clay and gravel-----	21	28	
Clay and gravel; stratified----	31	59	
Clay, blue-----	12	71	
Clay and gravel; stratified----	14	85	
Sand, medium, clean-----	50	135	
Sand, fine, muddy-----	15	150	

Well 37/2W-30L3

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

Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	2	2	
Clay, sandy-----	14	16	
Clay and gravel-----	6	22	
Sand and gravel-----	20	42	
Sand, medium-----	8	50	
Clay, sandy-----	15	65	
Sand and little gravel-----	10	75	
Sand, medium-----	38	113	
Clay, sandy-----	1	114	

Well 37/2W-33Q1

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

Quaternary system:			
Recent and Pleistocene series:			
Dirt and brown sand-----	18	18	
Sand, brown, and gravel-----	69	87	
Sand, white, and gravel-----	8	95	

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

Well 37/3W-2N1

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

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, brown-----	70	70	
Clay, blue-----	90	160	
Sand, white-----	10	170	

Well 37/3W-3K3

Type of record: Driller's log. Altitude: 770 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, brown-----	10	10	
Clay, blue-----	16	26	
Sand, white-----	7	33	

Well 37/3W-5H1

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

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, brown, and gravel-----	10	10	
Clay, blue-----	40	50	
Sand-----	6	56	

Well 37/3W-6C3

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

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand and gravel; brown-----	5	5	
Sand, loose, brown-----	12	17	
Clay, soft, gray-----	15	32	
Sand, gray-----	6	38	
Sand, gray, with medium gravel--	11	49	
Sand, dense, gray-----	6	55	

Well 37/3W-6E1

Type of record: Driller's log. Altitude: 642 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Top soil, black-----	2	2	
Sand, medium, brown-----	6	8	
Sand, medium, gray-brown-----	4	12	
Clay, silty, gray, with sand----	18	30	
Sand, fine, gray-----	4	34	
Clay, gray-----	9	43	
Sand, gray, and small gravel----	15	58	
Sand, brown, with gravel-----	4	62	

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

Well 37/3W-6E3

Type of record: Driller's log.

Altitude: 643 feet.

Material	Thick-ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Top soil, black, and brown sand-----	2	2	
Sand, medium, brown-----	6	8	
Sand, gray, with some gravel----	4	12	
Silt, sandy, brown-----	4	16	
Clay, silty, gray-----	17	33	
Sand and gravel; gray and brown-----	5	38	
Clay, gray-----	10	48	
Clay, silty, gray-----	8	56	

Well 37/3W-6E4

Type of record: Driller's log.

Altitude: 643 feet.

Material	Thick-ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Loam, sandy, black-----	1	1	
Sand, brown-----	8	9	
Sand and gravel; mixed-----	3	12	
Sand, gray-----	7	19	
Clay, silty, gray-----	4	23	
Clay, soft, silty-----	6	29	
Clay, soft, gray-----	6	35	
Sand, fine, and silt-----	3	38	
Hardpan-----	1	39	
Clay, gray-----	7	46	
Gravel-----	8	54	

Well 37/3W-9R2

Type of record: Driller's log.

Altitude: 800 feet.

Material	Thick-ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, brown-----	54	54	
Sand, brown, and gravel-----	6	60	
Sand, brown, and clay-----	23	83	
Sand, white-----	7	90	

Well 37/3W-10H1

Type of record: Driller's log.

Altitude: 855 feet.

Material	Thick-ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand and gravel-----	50	50	
Sand, brown-----	40	90	
Sand, coarse, brown-----	12	102	

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

Well 37/3W-11J1

Type of record: Driller's log.

Altitude: 780 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, silty-----	2	2	
Sand, clayey-----	4	6	
Silt-----	8	14	
Sand, silty-----	24	38	

Well 37/3W-11J4

Type of record: Driller's log.

Altitude: 794 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Top soil, sandy, yellow-----	1	1	
Sand, fine, silty, yellow-----	2	3	
Sand, fine, silty, yellow, with few layers of silt-----	25	28	
Sand, fine to coarse, silty, gray-----	5	33	
Sand, fine, silty, gray-----	5	38	
Silt, gray-----	3	41	
Silt, medium, gray-----	7	48	
Clay, very silty, gray-----	3	51	
Sand, fine, silty, gray-----	1	52	
Clay, silty, gray-----	2	54	
Silt, sandy, gray, with trace of clay-----	21	75	
Sand, fine to medium, silty, gray-----	5	80	

Well 37/3W-11J6

Type of record: Driller's log.

Altitude: 793 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, fine, silty, yellow, with trace of gravel-----	31	31	
Sand, fine, silty, gray, with trace of gravel-----	6	37	
Sand, fine, silty, gray-----	13	50	

Well 37/3W-11J8

Type of record: Driller's log.

Altitude: 778 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Peat-----	4	4	
Sand, silty-----	16	20	
Silt-----	9	29	
Sand, medium-----	6	35	

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

Well 37/3W-11K1

Type of record: Driller's log.

Altitude: 858 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay and silt-----	2	2	
Sand and gravel; clayey-----	8	10	
Sand, with trace of gravel-----	14	24	
Silt, stiff, clayey, yellow-----	5	29	
Sand, fine, yellow-----	4	33	
Sand, silty-----	18	51	
Silt, hard, gray-----	4	55	

Well 37/3W-11K2

Type of record: Driller's log.

Altitude: 841 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, stiff, silty, sandy, yellow-----	6	6	
Sand, fine to medium, clayey-----	2	8	
Silt, medium, clayey, sandy, brown-----	5	13	
Sand, fine to medium, clayey, yellow, and fine gravel-----	22	35	

Well 37/3W-11N1

Type of record: Driller's log.

Altitude: 845 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Top soil; sandy clay-----	1	1	
Clay, yellow-----	25	26	
Sand, muddy, yellow-----	59	85	
Clay, sandy, gravel, and brown shale-----	40	125	
Sand, with gravel-size brown shale fragments-----	35	160	
Silt, gray-----	4	164	
Sand, fine-----	22	186	

Well 37/3W-11P1

Type of record: Driller's log.

Altitude: 848 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, stiff, silty, sandy, yellow-----	6	6	
Silt, soft, sandy, yellow-----	2	8	
Clay, medium, silty, sandy, yellow-----	3	11	



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

Well 37/3W-11P1--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Silt, very stiff, clayey, sandy, brown, with trace of fine gravel-----	2	13	
Sand, fine, yellow-----	3	16	
Sand, fine to medium, clayey, silty, brown-----	8	24	
Sand, fine, silty, yellow-----	18	42	
Sand, fine to medium, clayey, yellow-----	8	50	

Well 37/3W-12H1

Type of record: Driller's log.

Altitude: 848 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, medium, sandy, brown-----	2	2	
Sand, fine to coarse, clayey, brown-----	4	6	
Sand, medium, silty, brown, with trace of gravel-----	2	8	
Sand, fine, silty, yellow-----	8	16	
Sand, fine, silty, yellow-----	10	26	

Well 37/3W-12H2

Type of record: Driller's log.

Altitude: 836 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil, sandy, yellow-----	1	1	
Sand, medium, silty, yellow-----	4	5	
Clay, silty, yellow-----	3	8	
Sand, fine to medium, silty, yellow-----	2	10	
Silt, sandy, yellow-----	2	12	
Sand, fine to medium, silty, yellow-----	13	25	
Sand, fine to coarse, clayey, brown-----	1	26	
Sand, fine to medium, silty, yellow, with trace of gravel--	24	50	

Well 37/3W-12H6

Type of record: Driller's log.

Altitude: 830 feet.

Quaternary system:			
Recent and Pleistocene series:			
Silt, sandy, brown-----	2	2	
Silt, sandy, yellow-----	3	5	

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

Well 37/3W-12H6--Continued			
Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, fine, silty, yellow-----	13	18	
Sand, fine, silty, brown and red, with trace of wood-----	2	20	
Sand, fine to coarse, clayey, brown, and fine gravel-----	2	22	
Sand, fine to coarse, silty, brown, with trace of fine to coarse gravel-----	13	35	

Well 37/3W-12M3

Type of record: Driller's log. Altitude: 795 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil, sandy, yellow-----	1	1	
Silt, medium, sandy, brown-----	3	4	
Sand, fine, silty, yellow-----	7	11	
Sand, fine to medium, silty, yellow-----	32	43	
Sand, fine, silty, gray-----	7	50	

Well 37/3W-13L1

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

Quaternary system:			
Recent and Pleistocene series:			
Clay and sand-----	18	18	
Sand, brown-----	18	36	
Sand, brown, and gravel-----	18	54	
Sand, brown, and clay-----	16	70	
Gravel, brown, and sand-----	4	74	

Well 37/3W-14D1

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

Quaternary system:			
Recent and Pleistocene series:			
Fill; stiff yellow clay-----	6	6	
Sand, fine to medium, silty, yellow-----	20	26	May be fill.
Silt, soft, gray-----	1	27	
Clay, medium, silty, gray-----	3	30	
Clay, very stiff, silty, gray---	12	42	
Clay, hard, silty, sandy, gray, with trace of gravel-----	3	45	

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

Well 37/3W-14D3

Type of record: Driller's log. Altitude: 871 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Top soil, black-----	1	1	
Clay, stiff, silty, yellow-----	3	4	
Peat with thin layers of silt-----	7	11	
Silt, soft, gray-----	3	14	
Clay, stiff, silty, gray-----	1	15	
Clay, very stiff, silty, gray-----	3	18	
Sand, medium, clayey, gray-----	2	20	
Clay, very stiff, silty, gray-----	8	28	
Sand, hard, clayey, gray, and fine gravel-----	5	33	
Silt, very stiff, clayey, gray-----	2	35	
Sand, fine, silty, yellow-----	7	42	

Well 37/3W-14J1

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

Quaternary system:			
Recent and Pleistocene series:			
Clay and sand-----	18	18	
Sand and gravel-----	42	60	
Gravel, hard-----	18	78	
Gravel and brown sand-----	8	86	

Well 37/3W-15A1

Type of record: Driller's log. Altitude: 869 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil, black-----	1	1	
Peat, with trace of sand and silt-----	17	18	
Silt, soft, gray-----	2	20	
Clay, medium, silty, gray-----	2	22	
Clay, stiff, silty, gray-----	10	32	
Sand, fine to coarse, clayey, gray-----	4	36	
Sand, fine, silty, yellow-----	4	40	

Well 37/3W-15A2

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

Quaternary system:			
Recent and Pleistocene series:			
Fill; yellow clay-----	6	6	
Fill; yellow silty fine clay-----	28	34	
Peat, medium, greenish, with organic silt-----	5	39	

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

Well 37/3W-15A2--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, stiff, silty, gray-----	4	43	
Clay, hard, silty, gravelly, gray-----	7	50	

Well 37/3W-15A4

Type of record: Driller's log.

Altitude: 869 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil, black-----	1	1	
Peat, with trace of sand and silt-----	5	6	
Silt, soft, gray-----	3	9	
Clay, stiff, silty, gray-----	8	17	
Sand, fine to coarse, clayey, gray-----	2	19	
Clay, very stiff, silty, gray---	4	23	
Sand, fine to medium, clayey, gray-----	4	27	
Sand, fine, silty, yellow-----	13	40	

Well 37/3W-15A5

Type of record: Driller's log.

Altitude: 875 feet.

Quaternary system:			
Recent and Pleistocene series:			
Fill; yellow clay-----	6	6	
Sand, fine, silty, yellow-----	17	23	
Silt, soft, sandy, gray-----	2	25	
Clay, stiff, silty, gray-----	3	28	
Clay, hard, silty, gray-----	16	44	
Sand, medium, clayey, gray-----	2	46	
Sand, fine, silty, yellow-----	4	50	

Well 37/3W-15F6

Type of record: Driller's log.

Altitude: 854 feet.

Quaternary system:			
Recent and Pleistocene series:			
Loam, sandy, brown-----	1	1	
Clay, stiff, silty, yellow-----	5	6	
Clay, very stiff, silty, yellow-	5	11	
Sand, fine to medium, clayey, yellow-----	2	13	
Sand, fine, yellow-----	3	16	
Clay, hard, sandy, yellow-----	2	18	
Sand, fine, clayey, brown-----	2	20	
Sand, fine, yellow-----	6	26	

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

Well 37/3W-15F6--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, fine to medium, clayey, brown-----	2	28	
Sand, fine, yellow-----	20	48	
Sand, fine, clayey, yellow-----	6	54	
Sand, fine, yellow-----	6	60	

Well 37/3W-15F8

Type of record: Driller's log.

Altitude: 859 feet.

Quaternary system:			
Recent and Pleistocene series:			
Loam, sandy, brown-----	1	1	
Clay, stiff, silty, yellow-----	5	6	
Clay, very stiff, silty, yellow-----	4	10	
Sand, fine to medium, clayey, brown-----	2	12	
Silt, medium, sandy, yellow-----	4	16	
Sand, fine to medium, clayey, brown, with fine gravel-----	2	18	
Sand, fine, silty, brown, with some fine gravel-----	3	21	
Sand, fine, yellow-----	22	43	
Silt, hard, yellow-----	3	46	
Sand, fine to coarse, clayey, brown-----	5	51	
Sand, fine, yellow-----	19	70	
Sand, fine, clayey, brown-----	1	71	

Well 37/3W-15H1

Type of record: Driller's log.

Altitude: 865 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand and clay-----	36	36	
Gravel-----	18	54	
Sand, brown-----	58	112	
Sand, white, and silt-----	45	157	
Sand, fine, sharp, white-----	7	164	

Well 37/3W-16D1

Type of record: Driller's log.

Altitude: 920 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, fine-----	6	6	
Clay, red, gravel, and sand; mixed layers-----	124	130	

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

Well 37/3W-16D1--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Clay, gray-blue-----	5	135	
Sand, very fine, gray, and clay-----	43	178	
Clay, solid-----	4	182	
Sand, fine-----	8	190	

Well 37/3W-16E1

Type of record: Driller's log.

Altitude: 920 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay-----	32	32	
Sand, brown, and gravel-----	102	134	
Gravel, white-----	6	140	
Sand, white-----	20	160	

Well 37/3W-16F1

Type of record: Driller's log.

Altitude: 920 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay-----	35	35	
Sand, white-----	45	80	
Clay, white, and sand; mixed-----	20	100	
Sand, white, and gravel-----	30	130	
Sand, coarse, white-----	24	154	

Well 37/3W-16K2

Type of record: Driller's log.

Altitude: 910 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay, blue-----	30	30	
Gravel-----	107	137	
Hardpan-----	3	140	
Sand-----	5	145	Blue clay at 145 feet.

Well 37/3W-16K6

Type of record: Driller's log.

Altitude: 890 feet.

Quaternary system:			
Recent and Pleistocene series:			
Loam, sandy, brown, and yellow sandy silty medium clay-----	10	10	
Clay, hard, silty, yellow-----	2	12	
Clay, stiff, silty, sandy, yellow-----	4	16	
Clay, very stiff, silty, gray-----	10	26	

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

## Well 37/3W-16K6--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, fine to medium, clayey, brown-----	2	28	
Clay, very stiff, silty, gray-----	6	34	
Sand, fine, silty, yellow-----	23	57	
Sand, fine, clayey, brown-----	6	63	
Sand, fine, silty, yellow-----	2	65	

## Well 37/3W-16K7

Type of record: Driller's log.

Altitude: 884 feet.

Quaternary system:			
Recent and Pleistocene series:			
Loam, sandy, black-----	1	1	
Silt, medium, clayey, sandy, brown-----	2	3	
Clay, stiff, silty, yellow-----	3	6	
Clay, hard, silty, yellow-----	5	11	
Silt, hard, sandy, yellow-----	3	14	
Sand, fine to coarse, clayey, yellow-----	2	16	
Clay, hard, silty, yellow-----	2	18	
Clay, hard, silty, gray-----	6	24	
Clay, very hard, sandy, yellow--	2	26	
Silt, hard, sandy, yellow-----	3	29	
Sand, fine, clayey, yellow-----	3	32	
Clay, hard, silty, sandy, gray--	5	37	
Sand, fine, silty, yellow-----	15	52	

## Well 37/3W-16K10

Type of record: Driller's log.

Altitude: 883 feet.

Quaternary system:			
Recent and Pleistocene series:			
Sand, fine, silty, brown-----	1	1	
Clay, stiff, silty, sandy, yellow-----	10	11	
Clay, very stiff, silty, yellow, with trace of sand and shale--	5	16	
Clay, hard, silty, gray, with trace of sand seams-----	3	19	
Clay, hard, silty, sandy, yellow, with some coarse gravel and broken rock-----	2	21	
Clay, hard, silty, yellow-----	2	23	
Clay, hard, silty, gray, with trace of gravel-----	8	31	
Sand, fine, silty, yellow, with trace of clay and fine gravel--	5	36	

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

Well 37/3W-16K10--Continued

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, fine to coarse, clayey, gray, with fine gravel-----	11	47	
Clay, very stiff, silty, gray---	2	49	
Clay, very hard, silty, gray, with trace of thin seams of sand and fine gravel-----	1	50	

Well 37/3W-16L1

Type of record: Driller's log. Altitude: 920 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay-----	36	36	
Sand, fine-----	36	72	
Sand and gravel-----	36	108	
Clay and gravel-----	32	140	
Sand, white, and gravel-----	10	150	

Well 37/3W-18G1

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

Quaternary system:			
Recent and Pleistocene series:			
Sand and gravel-----	18	18	
Clay, brown-----	12	30	
Clay and silt-----	40	70	
Sand, fine, white-----	12	82	

Well 37/3W-19J2

Type of record: Driller's log. Altitude: 910 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay-----	18	18	
Boulders-----	1	19	
Clay-----	21	40	
Sand-----	1	41	
Clay-----	21	62	
Sand and gravel-----	78	140	
Sand-----	21	161	
Sand-----	32	193	Suitable for 20-slot screen.
Sand-----	8	201	Suitable for 10-slot screen.
Clay-----	20	221	
Sand, fine-----	31	252	Suitable for 6-slot screen.
Sand and gravel-----	12	264	Suitable for 25-slot screen.



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

Well 37/3W-19J3

Type of record: Driller's log. Altitude: 910 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand?, yellow-----	20	20	
Clay and boulders-----	20	40	
Clay and sand-----	20	60	
Sand and shale-----	45	105	
Sand and clay-----	122	227	
Clay, blue-----	5	232	
Sand-----	8	240	
Sand-----	27	267	Suitable for 8-slot screen.
Sand, gray, clean-----	8	272	Suitable for 12-slot screen.

Well 37/3W-19J4

Type of record: Driller's log. Altitude: 910 feet.

Quaternary system:			
Recent and Pleistocene series:			
Clay-----	45	45	
Gravel-----	5	50	
Shale, soft, brown-----	50	100	Clay?.
Clay and sand-----	40	140	
Sand-----	15	155	
Sand and gravel-----	5	160	
Sand, clean-----	17	177	

Well 37/3W-19J5

Type of record: Driller's log. Altitude: 905 feet.

Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	1	1	
Clay, yellow-----	23	24	
Sand, fine, muddy-----	4	28	
Gravel, sandy, muddy-----	14	42	
Sand, muddy-----	12	54	
Sand, slate, and shale; muddy-----	115	169	
Sand, fine-----	11	180	
Sand, fine to medium-----	10	190	
Sand, fine to medium, shale, and slate-----	5	195	
Sand, fine to medium-----	6	201	

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

Well 37/3W-20H1

Type of record: Driller's log.

Altitude: 861 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Top soil-----	2	2	
Silt, sandy-----	6	8	
Sand, fine-----	2	10	
Sand, silty-----	2	12	
Sand, medium to coarse, yellow, with some pebbles-----	18	30	
Sand, well-graded-----	6	36	
Sand, fine, clean-----	4	40	

Well 37/3W-20H2

Type of record: Driller's log.

Altitude: 858 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Silt, brown-----	2	2	
Sand, brown, and silt-----	1	3	
Silt, brown, with trace of sand-----	1	4	
Silt, sandy-----	4	8	
Sand, brown, with trace of silt and some pebbles-----	17	25	
Sand, brown, and gravel-----	6	31	
Gravel-----	1	32	
Sand, brown, with gravel-----	9	41	

Well 37/3W-20H3

Type of record: Driller's log.

Altitude: 861 feet.

Material	Thick- ness (feet)	Depth (feet)	Remarks
Quaternary system:			
Recent and Pleistocene series:			
Sand, gravel, and brown silt----	2	2	
Sand, silty, with trace of clay----	2	4	
Clay, silty, sandy, brown-----	1	5	
Clay, fine, sandy-----	4	9	
Sand, fine to medium, silty----	2	11	
Sand, brown, stratified, with trace of silt-----	7	18	
Sand, medium to coarse, with silty-clay seam-----	5	23	
Sand, medium to coarse, with trace of silt and some pebbles-----	21	44	