

Topographic situation	Upland	1	-																	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	1	-	-	1	-	-
	Hilltop	0	-																																										
	Hillside	0	-																																										
Depth	Valley	118	2	6	15	28	67	4	18	44	32	15	5	37	18	3	39	20	1	118	-	118	-	115	3	-	113	5	-																
	0-25 ft	2	-																	1	1	-	-	-	-	-	-	-	2	-	2	-	2	-	2	-	2	-	2	-					
	25-50 ft	6	-																	1	4	1	-	-	-	-	-	-	2	4	-	6	-	6	-	6	-	6	-	6	-				
	50-75 ft	16	-																	2	5	8	1	-	-	1	2	-	7	5	1	16	-	16	-	15	1	-	14	2	-				
	75-100 ft	28	-																	1	4	16	4	3	-	12	6	1	7	2	-	28	-	28	-	26	2	-	28	-					
	100+ ft	67	-																	-	4	19	27	12	5	24	10	2	24	7	-	67	-	67	-	67	-	64	3	-					
Relation to drainage	Depth beneath nearest stream:	Bottom above stream	5	-																	1	-	-	2	2	-	5	-	5	-	5	-	5	-	5	-	5	-							
		0-25 ft	18	-																	1	2	-	6	8	1	18	-	18	-	18	-	18	-	17	1	-								
		25-50 ft	44	-																	13	8	1	15	7	-	44	-	44	-	41	3	-	43	1	-									
		50-75 ft	32	-																	10	4	1	15	2	-	32	-	32	-	32	-	31	1	-										
Yield	Adequate for:	100 gpm	37	-																	37	-	37	-	36	1	-	35	2	-															
		50 gpm	18	-																	18	-	18	-	17	1	-	18	-																
		25 gpm	3	-																	3	-	3	-	3	-	2	1	-																
		Domestic (power)	40	-																	40	-	40	-	39	1	-	39	1	-															
		Domestic (hand)	20	-																	20	-	20	-	20	-	19	1	-																
		Inadequate	1	-																	1	-	1	-	1	-	1	-																	
Dependability	Never dry	119	-																	119	-	116	3	-	114	5	-																		
	Goes dry	0	-																																										
Quality	Satisfactory for domestic use	119	-																	116	3	-	114	5	-																				
	Unsatisfactory for domestic use	0	-																																										
	No salt	116	-																	112	4	-																							
		Slight salt	3	-																	2	1	-																						
		Too much salt	0	-																																									
		No hydrogen sulfide (H <sub>2</sub> S)	114	-																																									
		Slight hydrogen sulfide (H <sub>2</sub> S)	5	-																																									
		Too much hydrogen sulfide (H <sub>2</sub> S)	0	-																																									

**EXPLANATION**

Any two items of well data may be correlated by locating the number in the square formed by the intersection of the column and row of the two items of data. Each such number is the number of wells in which the two items of data occur simultaneously. Example: 12 wells are 75 to 100 feet deep and yield 100 gpm (gallons per minute); or, of 28 wells 75 to 100 feet deep, 12 yield 100 gpm; or, of 37 wells that yield 100 gpm, 12 are 75 to 100 feet deep.

The sum of all numbers in each large rectangle enclosed by heavy lines is equal to the number of wells considered.

The sum of each column of numbers in rectangles enclosed by heavy lines is in the square at the base of each column.

The sum of each row of numbers in rectangles enclosed by heavy lines is in the square to the left of each row.

A.-119 WELLS IN ALLUVIUM

Topographic situation	Upland	147	7	33	35	18	54	30	56	12	10	5	34	2	7	2	51	57	28	127	20	132	15	132	1	14	122	16	9												
	Hilltop	54	2	12	14	13	28	10	5	3	4	4	-	-	-	16	19	19	43	11	49	5	48	1	5	48	5	1													
	Hillside	157	6	33	40	30	48	23	49	36	15	15	19	2	3	8	41	80	23	141	16	126	31	122	4	31	119	35	3												
	Valley	250	23	85	69	27	46	4	90	76	29	21	30	8	9	18	71	128	16	230	20	225	25	212	13	25	176	69	5												
Depth	0-25 ft	38	-																	12	26	-	-	-	-	1	32	5	35	3	35	3	35	-	3	28	9	1			
	25-50 ft	163	-																	28	111	24	-	-	-	1	1	28	114	19	146	17	145	18	137	8	18	125	38		
	50-75 ft	158	-																	25	46	73	14	-	-	1	4	59	77	17	143	15	142	16	139	3	16	130	26	2	
	75-100 ft	88	-																	13	18	21	23	13	-	2	7	7	31	34	7	76	12	80	8	76	4	8	72	15	1
	100+ ft	161	-																	7	4	11	20	32	87	10	10	16	60	27	38	141	20	130	31	127	4	30	110	37	14
Relation to drainage	Depth beneath nearest stream:	Bottom above stream	85	-																	-	-	-	16	46	23	71	14	78	7	77	1	7	75	10	-					
		0-25 ft	205	-																	-	2	2	54	131	16	183	22	188	17	180	8	17	168	35	2					
		25-50 ft	129	-																	1	1	5	36	71	15	114	15	110	19	106	4	19	96	30	3					
		50-75 ft	57	-																	2	8	5	23	16	3	52	5	51	6	50	1	6	39	18	-					
Yield	Adequate for:	100 gpm	12	-																	12	-	12	-	12	-	7	5	-												
		50 gpm	19	-																	17	2	18	1	18	-	1	13	6	-											
		25 gpm	28	-																	28	-	26	2	26	-	2	18	8	2											
		Domestic (power)	179	-																	162	17	158	21	152	6	21	131	39	9											
		Domestic (hand)	284	-																	248	36	242	42	230	13	41	219	62	3											
		Inadequate	86	-																	74	12	76	10	76	-	10	77	5	4											
Dependability	Never dry	541	-																	468	73	451	18	72	404	120	17														
	Goes dry	67	-																	64	3	63	1	3	61	5	1														
Quality	Satisfactory for domestic use	532	-																	513	19	-	423	109	-																
	Unsatisfactory for domestic use	76	-																	1	-	75	42	16	18																
	No salt	514	-																	411	102	1																			
		Slight salt	19	-																	12	7	-																		
		Too much salt	75	-																	42	16	17																		
		No hydrogen sulfide (H <sub>2</sub> S)	465	-																																					
		Slight hydrogen sulfide (H <sub>2</sub> S)	125	-																																					
		Too much hydrogen sulfide (H <sub>2</sub> S)	18	-																																					

B.-608 WELLS IN BEDROCK

CORRELATION OF DATA FROM DRILLED WELLS, BLUE GRASS REGION, KENTUCKY