Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/7W-35P1--Continued

| Material | Thickness (feet) | Depth (feet) | Remarks |
|---|---|---|---|
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Shale, sandy, gray---------- | 4 | 118 | |
| Shale, gray---------- | 3 | 121 | |
| Limestone, brown---------- | .5 | 121.5 | |
| Slate and coal---------- | 3 | 124.5 | |
| Shale, bluish-gray---------- | 1.5 | 126 | |
| Sandstone, gray---------- | 4 | 130 | |
| Sandstone, bluish-gray---------- | 7 | 137 | Trace of coal at 132 feet. |
| Lower? series: | | | |
| Shale, sandy, gray---------- | 2 | 139 | |

Table 3.--Field chemical analyses of water from wells, Greene County, Indiana
(Results in parts per million)

Well number: See text for description of well-numbering system.
Geologic age: Pl, Pleistocene; P, Pennsylvanian; M, Mississippian.

Material: C, coal; Cgl, conglomerate; F, fireclay; G, gravel; Ls, limestone; S, sand; Sd-Sh, sandy shale; Sh, shale; Sh-Ss, shaly sandstone; Ss, sandstone; T, till.

| Well Number | Material | Geologic Age | Date of Collection | Temperature (°F) | Iron (Fe) | Carbonate ($CO_3$) | Bicarbonate ($HCO_3$) | Sulfate ($SO_4$) | Chloride (Cl) | Hardness as $CaCO_3$ (calcium, magnesium) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 6/3W-27L1 | Ss | M | 7-14-59 | 65 | 0.1 | 24 | 293 | 55 | 4 | 84 | |
| 27L2 | ----- | M? | 10- 6-59 | -- | .3 | 0 | 395 | 73 | 26 | 104 | |
| 6/4W- 4C1 | Ss | M | 4- 1-59 | 52 | 1.5 | 0 | 488 | 8 | 4 | 134 | |
| 5D1 | S | Pl | 4-28-59 | -- | .5 | 0 | 517 | 10 | 6 | 140 | |
| 9A1 | ----- | M | 8-22-57 | 56 | 7.5 | 0 | 127 | ----- | 44 | ----- | |
| 11E1 | Ss | M | 7-14-59 | 62 | .1 | 19 | 259 | 40 | 2 | 226 | |
| 17D1 | ----- | P | 8-22-57 | 56 | .5 | 0 | 493 | ----- | 22 | 530 | |
| 25N1 | Ls | M | 4- 1-59 | 53 | .1 | 19 | 346 | 225 | 6 | 30 | |
| 25P1 | ----- | M | 4- 1-59 | 48 | .1 | 0 | 83 | 38 | 14 | 72 | |
| 28P1 | Ss | M | 4- 1-59 | 56 | .1 | 19 | 361 | 45 | 6 | 78 | |
| 31A1 | G,S | Pl | 10- 6-59 | -- | .5 | 0 | 215 | 15 | 7 | 140 | |
| 31E1 | Ss | M | 4- 1-59 | 52 | .3 | 34 | 630 | 5 | 8 | 20 | |
| 31E2 | C | P | 10- 6-59 | 59 | .5 | 0 | 346 | 26 | 6 | 12 | |
| 32D1 | Ss | M | 4- 1-58 | 56 | .3 | 34 | 361 | 8 | 6 | 4 | |
| 35C1 | Ss | M | 8-22-57 | 56 | .3 | 10 | 442 | ----- | 2 | 88 | |
| | | | 4- 1-59 | 52 | .3 | 0 | 547 | 20 | 4 | 86 | |
| 6/5W- 4E1 | Ss | P | 8-28-57 | 56 | 7.5+ | 0 | 173 | ----- | 14 | 364 | |
| 5E1 | ----- | P | 8-28-57 | 56 | .2 | 0 | 259 | ----- | 1 | 198 | |
| 5L1 | Ss | P | 4- 1-59 | 48 | .3 | 10 | 317 | 20 | 62 | 256 | |
| 12N1 | Ss | P | 8-22-57 | -- | .3 | 96 | 578 | ----- | 34 | 6 | |
| | Ls | M | | | | | | | | | |
| 13F1 | Ss | P | 4- 1-59 | 50 | .1- | 67 | 522 | 155 | 8 | 4 | |
| | Ls | M | | | | | | | | | |
| 13L1 | Ls | M? | 8-28-57 | 54 | .1 | 0 | 312 | ----- | 4 | 64 | |

Table 3.--Field chemical analyses of water from wells, Greene County, Indiana--Continued

| Well Number | Material | Geologic Age | Date of Collection | Temperature (°F) | Iron (Fe) | Carbonate ($CO_3$) | Bicarbonate ($HCO_3$) | Sulfate ($SO_4$) | Chloride (Cl) | Hardness as $CaCO_3$ (calcium, magnesium) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 6/5W-18K1 | ----- | P | 10- 6-59 | -- | 7.5 | 0 | 346 | 12 | 8 | 236 | |
| 23E1 | Ss | P | 4- 1-59 | 58 | .1 | 34 | 376 | 55 | 4 | 3 | |
| 23R1 | ----- | M? | 4- 1-59 | -- | .3 | 19 | 303 | 635 | 14 | 882 | |
| 24Q1 | Ss | M | 8-28-57 | 55 | .1 | 86 | 505 | ----- | 10 | 6 | |
| 28H1 | ----- | P | 4- 2-59 | 54 | 7.5+ | 0 | 151 | 20 | 4 | 72 | |
| 29E1 | Ss | P | 4- 2-59 | 49 | .1 | 0 | 429 | 65 | 24 | 284 | |
| 30F1 | Ss | P | 4- 2-59 | 54 | .5 | 14 | 307 | 20 | 6 | 78 | |
| 30J1 | Ss | P | 4- 2-59 | 54 | .1 | 67 | 600 | 50 | 66 | 3 | |
| 31E1 | Ss | P | 4- 2-59 | 55 | .1 | 67 | 644 | 10 | 12 | 6 | |
| 34M1 | Ss | P | 4- 2-59 | 54 | .3 | 0 | 327 | 15 | 4 | 78 | |
| 34R1 | ----- | M | 4- 2-59 | 52 | .1 | 67 | 961 | 15 | 90 | 20 | |
| 36B1 | Ss | P? | 4- 1-59 | 56 | .1 | 10 | 342 | 20 | 0 | 36 | |
| | Ss | M | | | | | | | | | |
| 36D1 | Ss | M | 7-31-57 | 57 | .3 | 43 | 305 | ----- | 4 | 9 | |
| 36H1 | C | P | 4- 1-59 | 52 | .3 | 10 | 317 | 10 | 0 | 10 | |
| 36R1 | C,Ss | P | 4- 2-59 | 58 | 2.0 | 0 | 244 | 20 | 4 | 16 | |
| 6/6W- 4B1 | C | P | 4- 2-59 | -- | .1 | 53 | 449 | 35 | 6 | 22 | |
| 5C1 | Ss | P | 4- 2-59 | 56 | .3 | 34 | 615 | 10 | 11 | 30 | |
| 5K1 | ----- | P | 4- 2-59 | 52 | .1 | 72 | 673 | 10 | 62 | 2 | |
| 5R1 | ----- | P | 4- 2-59 | 56 | 2.5 | 0 | 561 | 295 | 16 | 344 | |
| 6M1 | C,Ss | P | 9- 9-57 | 54 | .1 | 34 | 1,140 | ----- | 622 | 15 | |
| 7D1 | Ss | P | 8-29-57 | 54 | .1 | 84 | 1,440 | ----- | 1,350 | 30 | |
| 7J1 | Ss | P | 8-29-57 | 54 | 1.0 | 0 | 515 | ----- | 1,150 | 404 | |
| 8G1 | ----- | P | 4- 2-59 | 55 | .1 | 19 | 503 | 370 | 8 | 124 | |
| 8K1 | ----- | P | 8-29-57 | 54 | .1 | 82 | 698 | ----- | 126 | 5 | |
| 8R1 | Sd-Sh | P | 4- 2-59 | 50 | .3 | 62 | 781 | 145 | 1,440 | 18 | |
| 16M1 | Ss | P | 8-24-57 | 53 | .1 | 48 | 669 | ----- | 726 | 9 | |
| 17G1 | Ss | P | 8-29-57 | 55 | .1 | 29 | 849 | ----- | 1,270 | 24 | |
| 24J1 | F,C | P | 4- 2-59 | 55 | 1.0 | 0 | 390 | 10 | 4 | 174 | |
| | Ss | P | | | | | | | | | |
| 25B1 | G | P1 | 5-13-58 | 52 | .1 | 0 | 312 | ----- | 6 | 252 | |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 6/6W-25G1 | Ss | M? | 2- 8-57 | 57 | 0.1 | 130 | 673 | ----- | 128 | 8 | |
| 25G2 | C,F | P | 2- 8-57 | 56 | .5 | 19 | 166 | ----- | 4 | 180 | |
| 6/7W- 1A1 | Sd-Sh | P | 9- 9-57 | 56 | .1 | 0 | 364 | ----- | 3 | 228 | |
| 1R1 | ----- | P | 9- 9-57 | 54 | 1.5 | 24 | 481 | ----- | 24 | 1,480 | |
| 3B1 | ----- | P | 4- 2-59 | 57 | .5 | 48 | 737 | 10 | 14 | 26 | |
| 6J1 | ----- | P | 7-15-59 | 59 | 1.0 | 91 | 810 | 125 | 138 | 114 | |
| 12B1 | ----- | P | 4- 3-59 | 52 | 2.0 | 0 | 542 | 1,760 | 14 | 1,930 | |
| 13J1 | Ss | P | 9- 9-57 | 54 | .1 | 31 | 1,170 | ----- | 876 | 70 | |
| 15R1 | ----- | P | 4- 2-59 | 54 | .5 | 62 | 605 | 20 | 26 | 8 | |
| 22E1 | ----- | P | 4- 2-57 | -- | .1 | 24 | 654 | 200 | 60 | 286 | |
| 25P1 | C | P | 4- 2-59 | 54 | .3 | 19 | 425 | 10 | 6 | 214 | |
| 31G1 | ----- | P | 4- 2-59 | 52 | .5 | 0 | 415 | 360 | 12 | 522 | |
| 34E1 | Ss | P | 9- 9-57 | 56 | .1 | 53 | 969 | ----- | 86 | 8 | |
| 7/3W- 6R1 | ----- | M | 4-29-59 | 55 | .3 | 14 | 210 | 265 | 9 | 436 | |
| 14L1 | Ss | M | 9-10-57 | 55 | .1 | 0 | 85 | ----- | 8 | 94 | |
| | | | 5-28-59 | 61 | .1 | 0 | 151 | ----- | 8 | 104 | |
| 22L1 | Ss | M | 7-14-59 | 62 | .3 | 14 | 215 | 65 | 5 | 236 | |
| 7/4W- 7F1 | Ss | M? | 7-14-59 | 60 | .1 | 19 | 293 | 40 | 4 | 264 | |
| 9E1 | Ss | M | 10- 6-59 | 63 | .1 | 0 | 395 | 11 | 2 | 48 | |
| 13E1 | Ss | P? | 9-11-57 | 55 | .1 | 22 | 359 | ----- | 12 | 532 | |
| 13J1 | Ss | M | 7-14-59 | 59 | .1 | 29 | 429 | 20 | 4 | 10 | |
| 13K1 | Ls | M | 7-14-59 | 59 | .1 | 24 | 283 | 80 | 8 | 256 | |
| 17J1 | Ss | P | 4-28-59 | 54 | 1.0 | 0 | 234 | 10 | 4 | 202 | |
| 18K1 | Ls | M | 9-10-57 | 54 | .1 | 24 | 312 | ----- | 2 | 282 | |
| 19J1 | Ls | M | 4-28-59 | -- | 1.5 | 0 | 322 | 12 | 2 | 184 | |
| 20A1 | ----- | M | 9-11-57 | 54 | .1- | 0 | 198 | ----- | 0 | 84 | |
| 20M1 | Ss | P? | 4-28-59 | -- | 1.0 | 19 | 249 | 10 | 4 | 168 | |
| 21Q1 | ----- | M | 4-28-59 | -- | .1 | 24 | 249 | 150 | 8 | 320 | |
| 27E1 | Ss | M | 4-28-59 | -- | .5 | 0 | 215 | 15 | 3 | 128 | |
| 27N1 | ----- | P? | 4-28-59 | 59 | .1 | 0 | 395 | 48 | 6 | 248 | |
| 28H1 | Cgl | P | 4-28-59 | -- | 1.0 | 0 | 312 | 30 | 6 | 212 | |
| 31B1 | Ss | P | 9-11-57 | 56 | .1 | 19 | 276 | ----- | 8 | 156 | |
| 31K1 | Cgl | P | 4-28-59 | -- | 2.5 | 29 | 312 | 30 | 40 | 256 | |
| 33B1 | Ss | M? | 4-28-59 | 57 | .3 | 0 | 273 | 20 | 6 | 176 | |
| 34C1 | ----- | M | 4-28-59 | 57 | .3 | 0 | 346 | 22 | 5 | 264 | Water from cave. |

Table 3.--Field-chemical analyses of water from wells, Greene County, Indiana--Continued

| Well Number | Material | Geologic Age | Date of Collection | Temperature (°F) | Iron (Fe) | Carbonate ($CO_3$) | Bicarbonate ($HCO_3$) | Sulfate ($SO_4$) | Chloride (Cl) | Hardness as $CaCO_3$ (calcium, magnesium) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7/4W-34P1 | ----- | M | 9-11-57 | 55 | 1.0 | 0 | 344 | ----- | 1 | 140 | |
| 7/5W- 7F1 | ----- | P | 10- 8-57 | 54 | .1 | 0 | 517 | ----- | 12 | 100 | |
| 8C1 | S | P1 | 10- 8-57 | 56 | .1 | 0 | 207 | ----- | 13 | 258 | |
| 9A1 | ----- | P? | 4-23-59 | 52 | .1 | 0 | 342 | 300 | 28 | 432 | |
| 9M1 | ----- | P | 4-22-59 | 56 | .1 | 48 | 420 | 40 | 90 | 40 | |
| 10E1 | Ss,Sh | P | 4-23-59 | 52 | .1 | 29 | 317 | 62 | 4 | 38 | |
| 12R1 | Ss | P | 4-23-59 | -- | .1 | 0 | 366 | 90 | 8 | 324 | |
| 13M1 | Ss | P? | 9-25-57 | 55 | 1.5 | 0 | 388 | ----- | 1 | 196 | |
| 13M2 | Ss | P? | 4-23-59 | 56 | .3 | 0 | 166 | 90 | 30 | 168 | |
| 14C1 | Ss | P | 9-25-57 | 55 | 5.0 | 0 | 203 | ----- | 44 | 268 | |
| 14C2 | ----- | P | 4-23-59 | -- | .3 | 0 | 259 | 355 | 86 | 534 | |
| 14M1 | ----- | P? | 4-27-59 | 58 | 3.0 | 0 | 410 | 152 | 4 | 256 | |
| 15B1 | Ss | P | 4-23-59 | 53 | .1 | 0 | 322 | 215 | 12 | 264 | |
| | Ss | M? | | | | | | | | | |
| 15G1 | Ss | P | 9-25-57 | 56 | 7.5+ | 0 | 285 | ----- | 4 | 142 | |
| 16A1 | Ss | P | 4-27-59 | -- | 2.5 | 0 | 405 | 10 | 14 | 182 | |
| 19C1 | Ss | P | 10- 8-57 | 55 | .1 | 22 | 532 | ----- | 66 | 14 | |
| 19E1 | Ss | P | 4-27-59 | -- | .1 | 0 | 400 | 70 | 10 | 286 | |
| 19M1 | ----- | P? | 4-22-59 | 56 | .1 | 67 | 791 | 15 | 248 | 6 | |
| 19P1 | ----- | P | 4-27-59 | 59 | .5 | 19 | 527 | 5 | 8 | 7 | |
| 19P2 | ----- | P | 10- 6-59 | -- | .3 | 0 | 522 | 13 | 12 | 244 | |
| 20G1 | Ss | P | 9-26-57 | 55 | .1 | 14 | 300 | ----- | 7 | 262 | |
| 20J1 | ----- | P | 4-22-59 | 53 | 5.0 | 0 | 488 | 10 | 5 | 292 | |
| 20K1 | Ss | P | 4-22-59 | -- | .3 | 34 | 332 | 12 | 4 | 236 | |
| 20N1 | ----- | P | 7-14-59 | 58 | 1.0 | 29 | 307 | 5 | 2 | 232 | |
| 20P1 | ----- | P | 4-21-59 | 56 | .5 | 0 | 420 | 40 | 48 | 164 | |
| 21M1 | Ss | P | 7-14-58 | 64 | .5 | 14 | 464 | 8 | 4 | 340 | |
| 21P1 | Ss | P | 9-26-57 | 55 | 1.0 | 0 | 344 | ----- | 12 | 182 | |
| 24B1 | Ss | P | 4-27-59 | 57 | .1 | 0 | 259 | 45 | 6 | 208 | |
| 25D1 | Ss | M | 4-27-59 | 54 | .1 | 72 | 595 | 70 | 6 | 4 | |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7/5W-25K1 | Ss | M | 4-27-59 | -- | 0.3 | 10 | 464 | 45 | 12 | 84 | |
| 25M1 | ----- | P | 9-25-57 | 54 | .3 | 34 | 744 | ----- | 38 | 18 | |
| 26E1 | S | P1 | 7-15-59 | -- | 3.0 | 19 | 273 | 5 | 8 | 244 | |
| 27G1 | Ss | P | 9-25-57 | 54 | .5 | 0 | 427 | ----- | 2 | 316 | |
| 27G2 | Ss | P | 9-25-57 | 55 | .1 | 0 | 410 | ----- | 3 | 312 | |
| 30B1 | Ss | P | 4-22-59 | 54 | 1.5 | 0 | 478 | 340 | 11 | 532 | |
| 32G1 | ----- | P | 10- 8-57 | 55 | .3 | 0 | 486 | ----- | 8 | 338 | |
| 35K1 | Ss,Ls | M | 9-26-57 | 55 | .1 | 5 | 383 | ----- | 5 | 56 | |
| | | | 12-16-57 | -- | .1 | 17 | 381 | ----- | 5 | 57 | |
| 36M1 | ----- | M | 4-27-59 | 57 | .1 | 0 | 366 | 15 | 4 | 244 | |
| 7/6W- 1P1 | Ss | P | 10- 8-57 | 55 | .5 | 0 | 510 | ----- | 14 | 852 | |
| 2B1 | ----- | P | 4-22-59 | 55 | 1.0 | 0 | 478 | 960 | 40 | 1,260 | |
| 5N1 | ----- | P | 4-22-59 | 53 | .3 | 0 | 303 | 90 | 34 | 316 | |
| 6D1 | C,Sh | P | 4-22-59 | 56 | 1.5 | 0 | 454 | 58 | 6 | 296 | |
| 12H1 | ----- | P | 4-22-59 | -- | 3.0 | 38 | 415 | 30 | 8 | 188 | |
| 14N2 | Ss | P | 4-22-59 | 58 | .1- | 82 | 571 | 55 | 246 | 6 | |
| 15R1 | ----- | P | 4-22-59 | -- | .3 | 38 | 537 | 40 | 5 | 144 | |
| 16P1 | ----- | P | 4-21-59 | 54 | .1 | 62 | 522 | 70 | 342 | 26 | |
| 17F1 | Ss | P | 4-21-59 | 56 | .5 | 0 | 381 | 785 | 18 | 890 | |
| 18N1 | Ss | P | 4-21-59 | -- | .5 | 48 | 483 | 22 | 12 | 96 | |
| 20A1 | ----- | P | 10- 8-57 | 55 | .1 | 12 | 429 | ----- | 4 | 54 | |
| 20A2 | Ss,C | P | 10- 8-57 | 56 | .2 | 17 | 461 | ----- | 6 | 34 | |
| 20B1 | ----- | P | 10- 8-57 | 59 | .1 | 211 | 337 | ----- | 6 | 14 | |
| 22A10 | Ss | P | 4-21-59 | 56 | .1 | 0 | 142 | 55 | 9 | 100 | |
| 22H4 | Ss | P | 4-21-59 | 56 | .1 | 91 | 712 | 25 | 96 | 4 | |
| 23C2 | Ss | P | 4-22-59 | -- | .1 | 43 | 586 | 80 | 592 | 44 | Sample from storage tank. |
| 23D2 | Ss | P | 4-21-59 | 52 | .1 | 77 | 659 | 40 | 180 | 5 | |
| 23E1 | Ss | P | 4-21-59 | -- | .3 | 0 | 576 | 55 | 8 | 26 | |
| 23E3 | Ss | P | 10- 6-59 | -- | .1 | 62 | 766 | 16 | 124 | 5 | |
| 23P1 | Ss | P | 4-22-59 | -- | 7.5 | 43 | 371 | 90 | 9 | 200 | |
| 28K1 | ----- | P | 8-13-59 | 56 | 7.5 | 0 | 454 | 390 | 5 | 116 | |
| 33J1 | ----- | P | 10-10-57 | 55 | .2 | 14 | 525 | ----- | 3 | 89 | |
| 33K1 | ----- | -- | 10-10-57 | 56 | .1 | 70 | 681 | ----- | 48 | 6 | |
| 34E1 | S,G | P1 | 4-22-59 | 56 | .1 | 34 | 483 | 530 | 6 | 158 | |
| 7/7W- 1C1 | ----- | P | 10-14-57 | 56 | .5 | 108 | 1,220 | ----- | 26 | 6 | |

Table 3.--Field chemical analyses of water from wells, Greene County, Indiana--Continued

| Well Number | Material | Geologic Age | Date of Collection | Temperature (°F) | Iron (Fe) | Carbonate ($CO_3$) | Bicarbonate ($HCO_3$) | Sulfate ($SO_4$) | Chloride (Cl) | Hardness as $CaCO_3$ (calcium, magnesium) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7/7W--2C2 | ----- | P | 7-15-59 | 57 | 0.3 | 72 | 971 | 8 | 110 | 6 | |
| 3J1 | ----- | P | 7-15-59 | -- | .3 | 48 | 551 | 40 | 6 | 38 | |
| 6J1 | Ss | P | 4-15-59 | 60 | .5 | 29 | 712 | 58 | 8 | 20 | |
| 9A1 | Ss | P | 4-15-57 | 48 | 7.5+ | 0 | 390 | 450 | 8 | 710 | |
| 9C1 | ----- | P | 4-15-59 | 54 | .3 | 5 | 503 | 505 | 14 | 852 | |
| 9E2 | Ss | P | 10-14-57 | 54 | .3 | 0 | 490 | ----- | 12 | 1,200 | |
| 9K1 | C,Ss | P | 4-15-59 | 55 | .1 | 10 | 420 | 2 | 4 | 190 | |
| 9R1 | Sh | P | 4-15-59 | -- | .3 | 0 | 473 | 225 | 10 | 558 | |
| 10C1 | Ss | P | 4-15-59 | -- | .1 | 0 | 181 | 60 | 42 | 184 | |
| 10E1 | Ss | P | 4-21-59 | 54 | .3 | 0 | 361 | 38 | 6 | 134 | |
| 10G1 | Ss | P | 10-14-57 | 55 | .3 | 24 | 439 | ----- | 3 | 12 | |
| 11B1 | ----- | P | 7-15-59 | 59 | .5 | 29 | 405 | 125 | 8 | 276 | |
| 11E1 | Ss | P | 10-14-57 | 56 | .1 | 43 | 500 | ----- | 7 | 3 | |
| 11E2 | ----- | P | 4-15-59 | 58 | .2 | 38 | 634 | 22 | 6 | 6 | |
| 11P1 | ----- | P | 4-16-57 | 52 | .3 | 38 | 644 | 10 | 6 | 8 | |
| 12R1 | ----- | P | 10-15-57 | 56 | .5 | 0 | 551 | ----- | 8 | 156 | |
| 13E1 | Ss | P | 10-15-57 | 54 | .1 | 89 | 703 | ----- | 6 | 4 | |
| 13P2 | Ss | P | 4-21-59 | 58 | .3 | 62 | 656 | 20 | 18 | 8 | |
| 13R1 | Ss | P | 10-28-57 | 57 | .1 | 62 | 630 | ----- | 26 | 7 | |
| 14A1 | Ss | P | 10-14-57 | 55 | .5 | 17 | 547 | ----- | 3 | 58 | |
| 14B1 | C | P | 4-15-59 | 54 | .1 | 19 | 20 | 10 | 6 | 48 | |
| | Sd-Sh | P | | | | | | | | | |
| 14H1 | Ss | P | 4-15-59 | 60 | .1 | 77 | 683 | 10 | 4 | 4 | |
| 21J1 | ----- | -- | 7-15-59 | -- | .1 | 67 | 512 | 68 | 4 | 6 | |
| 26C2 | ----- | P | 4-21-59 | 56 | 5.0 | 58 | 688 | 20 | 90 | 16 | |
| 27C1 | ----- | P | 10-15-57 | 55 | .5 | 53 | 844 | ----- | 58 | 8 | |
| 29P1 | C | P | 4- 3-59 | 50 | .3 | 86 | 1,140 | 15 | 232 | 6 | |
| 32R1 | ----- | P | 4- 3-59 | 54 | .5 | 24 | 478 | 55 | 94 | 222 | |
| 8/3W-14M1 | Ls | M | 4-29-59 | 56 | .1 | 19 | 342 | 65 | 18 | 352 | |
| 18D1 | Ls | M | 4-29-59 | 54 | .3 | 0 | 376 | 25 | 5 | 272 | |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 8/3W-33J1 | Ss | M | 8-12-59 | 58 | 0.5 | 0 | 400 | 335 | 4 | 532 | |
| 8/4W-17B1 | Ls | M | 10- 6-59 | 60 | .3 | 0 | 0 | 140 | 185 | 156 | |
| 19F1 | Ss | M | 10-29-57 | 56 | 1.5 | 0 | 315 | ----- | 12 | 178 | |
| 19M1 | Ls | M | 10-29-57 | 54 | .3 | 0 | 149 | ----- | 38 | 167 | |
| | | | 5-26-58 | 58 | .1 | 0 | 210 | ----- | 15 | 116 | |
| 21K1 | ----- | M | 10-29-57 | 57 | .1 | 0 | 224 | ----- | 14 | 222 | |
| 24P1 | Sh,Ss | M? | 4-29-59 | 57 | .1 | 19 | 273 | 25 | 22 | 246 | |
| 26N2 | Sh | M | 4-29-59 | 56 | .1 | 0 | 283 | 20 | 8 | 208 | |
| 8/5W- 2G2 | Ss | M | 8-13-59 | -- | .1- | 34 | 556 | 58 | 4 | 6 | |
| 2G3 | Ss | M | 8-13-59 | 60 | .1- | 58 | 620 | 105 | 6 | 2 | |
| 4F1 | Ss | M | 4- 2-58 | -- | .1 | ? | ? | ----- | 3,240 | 164 | Aquifer at 340 to 350 ft; "P" alkalinity 480 ppm; "M" alkalinity 560 ppm. |
| | Ls | M | 11-58 | 56 | 7.5+ | 0 | 254 | ----- | 2.010 | 2,100 | Aquifer 990 to 1,021 ft, gassey. |
| 7Q1 | Ss | P | 10-30-57 | 55 | .1 | 17 | 320 | ----- | 30 | 472 | |
| 8F1 | Ss | M | 10-30-57 | 54 | .3 | 31 | 437 | ----- | 236 | 12 | |
| 8G1 | Ls | M | 10-30-57 | 56 | .1 | 36 | 403 | ----- | 22 | 9 | |
| | | | 12-19-57 | 56 | .1 | 43 | 371 | ----- | 34 | 6 | |
| 9B1 | Ss | P | 8-13-59 | -- | 3.0 | 0 | 356 | 350 | 14 | 564 | |
| 9C1 | Ss | P | 8-13-59 | -- | 5.0 | 0 | 395 | 180 | 8 | 372 | |
| 12R1 | Ss | M | 8-12-59 | 56 | 5.0 | 0 | 459 | 52 | 6 | 220 | |
| 14D1 | Ss | P | 4-30-59 | 56 | 2.0 | 0 | 224 | 30 | 4 | 168 | |
| 15C1 | Ss | P | 10-30-57 | 55 | .1 | 5 | 393 | ----- | 3 | 34 | |
| 15C2 | ----- | P | 10-30-57 | 56 | 5.0 | 14 | 246 | ----- | 22 | 445 | |
| 15C3 | ----- | P | 10-30-57 | -- | .1 | 5 | 222 | ----- | 4 | 200 | |
| 16A1 | Sh | P | 8-13-59 | 58 | 7.5 | 0 | 185 | 22 | 3 | 92 | |
| 16R2 | Ss | P | 4-30-59 | -- | .1 | 0 | 229 | 30 | 10 | 184 | |
| 17H1 | Ss | P | 10-30-57 | 54 | .1 | 14 | 293 | ----- | 5 | 256 | |
| 17J1 | Ss | P | 10-30-57 | 55 | 1.0 | 17 | 273 | ----- | 3 | 244 | |
| 21A1 | ----- | P | 10-30-57 | -- | .1- | 19 | 198 | ----- | 8 | 260 | |
| 21L1 | C,Ss | P | 10-30-57 | 54 | 1.0 | 7 | 232 | ----- | 8 | 236 | |
| | | | 8-12-59 | -- | .5 | 0 | 288 | 95 | 4 | 240 | |

Table 3.--Field chemical analyses of water from wells, Greene County, Indiana--Continued

| Well Number | Material | Geologic Age | Date of Collection | Temperature (°F) | Iron (Fe) | Carbonate ($CO_3$) | Bicarbonate ($HCO_3$) | Sulfate ($SO_4$) | Chloride (Cl) | Hardness as $CaCO_3$ (calcium, magnesium) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 8/5W-21P2 | ----- | P | 10- 6-59 | 63 | 1.0 | 0 | 264 | 12 | 40 | 188 | |
| 23J1 | Ss | P | 4-30-59 | -- | .1 | 29 | 346 | 40 | 6 | 204 | |
| | Ss | M | | | | | | | | | |
| 24H1 | Ss | M | 8-12-59 | 56 | 1.5 | 0 | 322 | 25 | 6 | 196 | |
| 25B1 | Ss | M | 10-29-57 | 56 | .1 | 0 | 83 | ----- | 162 | 264 | |
| 25E1 | Ls | M | 10-29-57 | 54 | .1 | 0 | 93 | ----- | 14 | 56 | |
| 26E1 | Ss | M | 10- 6-59 | 62 | .5 | 0 | 361 | 16 | 5 | 124 | |
| 26F1 | Ss | M | 4-29-59 | -- | .1 | 0 | 224 | 32 | 24 | 256 | |
| 28E1 | Sd-Sh | P | 8-13-59 | -- | 3.0 | 0 | 283 | 28 | 44 | 236 | |
| 29B1 | G,S | Pl | 3-26-57 | 56 | .1 | 0 | 188 | ----- | 16 | 240 | |
| | | | 10-30-57 | 55 | .1 | 17 | 166 | ----- | 10 | 230 | |
| 30D1 | Ss | P | 4-30-59 | 56 | .3 | 0 | 327 | 35 | 10 | 244 | |
| 8/6W- 1H1 | Ss | P | 8-12-59 | -- | .1 | 38 | 425 | 24 | 26 | 14 | |
| 8H1 | ----- | P | 11- 4-57 | 55 | .1 | 62 | 532 | ----- | 11 | 4 | |
| 12C1 | ----- | P | 8-12-59 | -- | 2.0 | 19 | 351 | 31 | 3 | 14 | |
| 13J1 | ----- | P | 10-30-57 | 56 | 2.5 | 5 | 290 | ----- | 13 | 204 | |
| 15Q1 | Ss | P | 11- 4-57 | 56 | .1 | 67 | 598 | ----- | 120 | 4 | |
| 16N1 | Ss | P | 11- 4-57 | 55 | .1- | 12 | 239 | ----- | 0 | 70 | |
| | Sd-Sh | P | | | | | | | | | |
| 18R1 | Ss | P | 11- 4-57 | 55 | .3 | 17 | 349 | ----- | 1 | 33 | |
| 19C1 | ----- | P | 8-12-59 | 59 | .3 | 58 | 742 | 23 | 496 | 10 | |
| 19E1 | Ss | P | 8-12-59 | 59 | 3.0 | 0 | 410 | 275 | 8 | 460 | |
| 20D1 | Ss | P | 8-12-59 | 58 | .3 | 48 | 390 | 25 | 4 | 14 | |
| 20Q1 | Ss | P | 8-12-59 | 61 | 5.0 | 0 | 166 | 330 | 32 | 444 | |
| 21A1 | C | P | 11- 4-57 | -- | .1 | 17 | 422 | ----- | 7 | 9 | |
| 21K1 | Ss | P | 11- 4-57 | -- | .1- | 24 | 300 | ----- | 0 | 22 | |
| 21P1 | ----- | P | 11- 4-57 | 55 | .1 | 36 | 393 | ----- | 2 | 8 | |
| 22A1 | Ss | P | 8- 2-59 | 58 | .1 | 34 | 425 | 40 | 6 | 20 | |
| 23N1 | C | P | 11- 4-57 | 55 | .5 | 12 | 264 | ----- | 3 | 208 | |
| 24E1 | C | P | 8-12-59 | 58 | .1 | 0 | 381 | 64 | 4 | 2 | |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 8/6W-26B1 | Ss | P | 8-12-59 | 55 | 0.1 | 72 | 468 | 23 | 7 | 4 | |
| 26J1 | Ss | P | 11- 4-57 | 54 | .1- | 26 | 466 | ----- | 20 | 12 | |
| 26M1 | Sd-Sh | P | 11- 4-57 | -- | .1 | 19 | 329 | ----- | 3 | 172 | |
| 27N1 | Ss | P | 8-12-59 | 59 | .1 | 29 | 361 | 130 | 16 | 10 | |
| 28Q1 | C,F | P | 11- 4-57 | 55 | .1 | 29 | 307 | ----- | 6 | 16 | |
| 30D1 | S,G | Pl | 8-12-59 | 59 | 7.5+ | 0 | 278 | 23 | 11 | 140 | |
| 31E1 | Sd-Sh | P | 4-15-59 | 53 | .3 | 34 | 581 | 65 | 8 | 76 | |
| 31M1 | Ss | P | 8-12-59 | 55 | .3 | 0 | 454 | 75 | 10 | 340 | |
| 8/7W- 1D1 | ----- | P | 7-17-59 | -- | .5 | 19 | 405 | 10 | 50 | 70 | |
| 2Q1 | Ss | P | 7-17-59 | 57 | 1.0 | 0 | 34 | 185 | 28 | 232 | |
| 3J1 | Ss | P | 7-28-59 | 59 | .1 | 0 | 268 | 90 | 40 | 148 | Sample from upper aquifer. |
| 3R1 | Ss | P | 11- 5-57 | -- | .1 | 0 | 637 | ----- | 20 | 236 | |
| 5E1 | ----- | P | 8-12-59 | -- | .1 | 0 | 595 | 74 | 10 | 396 | |
| 7D1 | Ss | P | 11- 6-57 | 56 | .3 | 31 | 1,680 | ----- | 12 | 124 | |
| | | | 8- 6-59 | -- | .3 | 0 | 1,770 | 610 | 12 | 142 | |
| 10N1 | C | P | 8- 6-59 | 60 | .5 | 24 | 542 | 27 | 7 | 14 | |
| 10N5 | C | P | 7-17-59 | -- | .1 | 48 | 503 | 35 | 4 | 14 | |
| 11C1 | Ss | P | 7-17-59 | 54 | 7.5+ | 0 | 29 | 120 | 2 | 70 | |
| 13R1 | Ss | P | 7-17-59 | -- | .5 | 38 | 312 | 265 | 6 | 436 | |
| 14B1 | Sh,C | P | 7-17-59 | 57 | .1- | 38 | 322 | 8 | 4 | 20 | |
| 15E1 | C | P | 7-17-59 | -- | .1 | 67 | 503 | 8 | 8 | 5 | |
| 16C1 | Sh | P | 11- 5-57 | 55 | 2.0 | 24 | 366 | ----- | 6 | 716 | |
| 16R1 | Ss | P | 7-16-59 | 59 | .1- | 48 | 429 | 105 | 4 | 6 | |
| 20A1 | Ss | P | 7-16-59 | 55 | 7.5+ | 24 | 195 | 315 | 36 | 548 | |
| 21G1 | Ss | P | 7-16-59 | -- | 1.0 | 38 | 381 | 225 | 4 | 464 | |
| 21M1 | Ss | P | 11- 5-57 | 56 | .5 | 12 | 461 | ----- | 7 | 652 | |
| 22A1 | Ss | P | 7-16-59 | -- | .3 | 67 | 625 | 5 | 18 | 3 | |
| 22D2 | Ss | P | 7-16-59 | -- | .3 | 86 | 766 | 5 | 34 | 4 | |
| 22J1 | Ss | P | 7-16-59 | 58 | .1 | 86 | 649 | 5 | 24 | 3 | |
| 23B1 | Ss | P | 7-16-59 | 58 | .1 | 62 | 444 | 5 | 6 | 4 | |
| 24J1 | ----- | P | 7-16-59 | 58 | .1 | 24 | 293 | 240 | 26 | 444 | |
| 27M1 | Ss | P | 7-16-59 | -- | 1.0 | 62 | 356 | 240 | 4 | 548 | |
| 28A1 | ----- | P | 7-16-59 | -- | .3 | 62 | 449 | 260 | 2 | 6 | |
| 28P1 | Ss,C | P | 11- 5-57 | 55 | .3 | 17 | 376 | ----- | 2 | 400 | |
| 31A1 | ----- | P | 7-16-59 | -- | .3 | 58 | 503 | 8 | 112 | 8 | |
| 33A1 | ----- | P | 7-15-59 | -- | 5.0 | 19 | 610 | 405 | 20 | 860 | |
| 33R1 | Ss | P | 7-15-59 | 62 | 5.0 | 0 | 376 | 225 | 16 | 496 | |
| 34D1 | Sd-Sh | P | 7-15-59 | 60 | .3 | 82 | 625 | 25 | 6 | 40 | |
| | Ss | P | | | | | | | | | |
| 34R1 | Ss | P | 11- 5-57 | -- | .1 | 50 | 554 | ----- | 14 | 8 | |

Table 4.--Records of springs, Greene County, Indiana

Spring number: See text for description of well-numbering system.
Altitude: Altitude of land-surface datum from topographic map.
Water-bearing material: Ls, limestone; Ss, sandstone; T, till.
Geologic age: Pl, Pleistocene; P, Pennsylvanian; M, Mississippian.

Flow: e, estimated; m, measured.
Use: D, domestic; N, not used; P, public supply; S, stock.
Field chemical analyses: In parts per million; water samples collected on date of measurement.

| Spring No. | Owner | Popular name | Altitude (feet) | Water-bearing material | Geologic age | Flow (gpm) | Date of measurement | Use | Field chemical analyses: Temperature (°F) | Iron (Fe) | Carbonate ($CO_3$) | Bicarbonate ($HCO_3$) | Sulfate ($SO_4$) | Chloride (Cl) | Hardness as $CaCO_3$ (calcium, magnesium) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6/3W- 7L1 | F. Wilbur | ---------- | 510 | Ls | M | 1 e | 10-22-59 | D,S | 52 | 0.2 | 0 | 195 | 18 | 14 | 140 | Spring from solution openings in limestone at contact with underlying shale. |
| 10P1 | Mrs. M. Martindale | ---------- | 740 | Ls | M | 2 e | 10-19-59 | N | 53 | .1 | 0 | 142 | 18 | 4 | 88 | Do. |
| 15Q1 | L. B. Stool | Sexon's Spring | 670 | Ls | M | 85 m | 10-19-59 | D,S | 54 | .3 | 0 | 176 | 28 | 7 | 128 | Do. |
| 16A1 | ---------- | ---------- | 840 | Ss | P | .2e | 10-19-59 | S | 55 | 4.0 | 0 | 127 | 830 | 124 | 944 | Seep from fractures in massive sandstone. |
| 17C1 | D. Robertson | ---------- | 870 | Ls | M | 6 e | 10-22-59 | D,S | 58 | .2 | 0 | 158 | 95 | 6 | 164 | Spring from solution openings in limestone at contact with underlying shale. |
| 20G1 | J. B. Ashcraft | Osbourne Spring | 630 | Ls | M | 30 m | 10-22-59 | P | 54 | .2 | 0 | 158 | 34 | 4 | 114 | Do. |
| 8/4W-11A1 | Mr. Ashcraft | ---------- | 540 | Ls | M | 220 e | 11-18-59 | N | 54 | .2 | 0 | 98 | 28 | 4 | 72 | Do. |
| 12E1 | ---------- | Rock Springs | 550 | Ls | M | 25 e | 10-22-59 | P | 54 | .2 | 0 | 151 | 38 | 4 | 118 | Do. |
| 15A1 | C. M. Lynch | Rankin Spring | 480 | Ls | M | 380 m | 10-22-59 | S | 55 | .2 | 0 | 132 | 38 | 5 | 100 | Spring opening in bottom of natural pool. |
| 6/5W-21G1 | W. Autrey | ---------- | 500 | T | Pl | 10 e | 11-18-59 | N | 40 | 1.0 | 0 | 171 | 17 | 6 | 124 | Widespread seep zone in sandy till, heavy iron deposits at seeps. |
| 7/3W- 6R2 | ---------- | ---------- | 555 | Ls | M | 20 e | 1-18-60 | N | 49 | .2 | 0 | 112 | 37 | 6 | 84 | Solution opening at base of limestone cliff. |
| 7P1 | C. C. Gray | ---------- | 560 | Ls | M | 8 m | 10-23-59 | P,S | 55 | .2 | 0 | 195 | 26 | 8 | 156 | Spring from solution openings in limestone at contact with underlying shale. |
| 9K1 | ---------- | ---------- | 580 | Ls | M | 15 e | 1-18-60 | N | 50 | .2 | 0 | 156 | 33 | 6 | 100 | Spring opening in bottom of natural pool. |
| 30P1 | ---------- | Good Spring | 600 | Ls | M | 60 m | 10-23-59 | S | 54 | .2 | 0 | 190 | 44 | 8 | 172 | Spring from solution openings in limestone at contact with underlying shale. |
| 33Q1 | ---------- | ---------- | 690 | Ls | M | 20 e | 10-18-59 | D,P | 55 | .3 | 0 | 166 | 19 | 6 | 120 | Do. |
| 7/4W-13C1 | Mr. Livingstone | Ray's Cave | 610 | Ls | M | 30 e | 10-23-59 | N | 53 | .2 | 0 | 181 | 57 | 6 | 168 | Spring from limestone cave. |
| 21J1 | ---------- | ---------- | 590 | Ss | P | .3m | 11-19-59 | D | 52 | .2 | 0 | 88 | 14 | 4 | 32 | |
| 36G1 | L. B. Musman | ---------- | 585 | Ls | M | 15 e | 10-18-59 | N | 55 | .2 | 0 | 195 | 23 | 8 | 160 | |
| 8/4W-11Q1 | Mrs. I. Watkins | Watkins Spring | 650 | Ls | M | 30 m | 10-21-59 | D,S,P | 55 | .2 | 0 | 244 | 48 | 8 | 208 | Spring from solution openings in limestone at contact with underlying shale. |
| 15H1 | Mrs. H. H. Hays | ---------- | 650 | Ls | M | 250 e | 11-19-59 | D | 51 | .2 | 0 | 161 | 65 | 12 | 156 | Spring from limestone cave. |

Table 5.--Field chemical analyses of water from streams, Greene County, Indiana

(Results in parts per million)

| Name | Location | Date of collection | Temperature (°F) | Iron (Fe) | Carbonate ($CO_3$) | Bicarbonate ($HCO_3$) | Sulfate ($SO_4$) | Chloride (Cl) | Hardness as $CaCO_3$ (calcium, magnesium) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | T. 6 N., R. 3 W. | | | | | |
| Little Clifty Branch | NE¼SE¼ sec. 5 | 11-19-59 | 43 | 0.3 | 0 | 112 | 22 | 4 | 72 | Sample taken 100 ft. down stream from bridge on county road. |
| Plummer Creek | SW¼SE¼ sec. 7 | 10-22-59 | 52 | .3 | 0 | 137 | 24 | 4 | 92 | Sample taken at bridge on county road. |
| Indian Creek | NW¼NE¼ sec. 36 | 11-18-59 | 36 | .2 | 0 | 176 | 32 | 8 | 144 | Sample taken at bridge on state road. |
| | | | | | T. 8 N., R. 4 W. | | | | | |
| Doans Creek | NW¼NW¼ sec. 33 | 11-18-59 | 35 | .2 | 0 | 88 | 49 | 8 | 72 | Sample taken at bridge on county road. |
| | | | | | T. 6 N., R. 5 W. | | | | | |
| Plummer Creek | NW¼NE¼ sec. 2 | 10-22-59 | 53 | .3 | 0 | 151 | 34 | 4 | 112 | Sample taken at bridge on state road. |
| Doans Creek | SW¼SE¼ sec. 18 | 11-18-59 | 35 | .5 | 0 | 122 | 54 | 20 | 120 | Sample taken 100 ft. down stream from county road bridge. |
| First Creek | SE¼SE¼ sec. 31 | 11-18-59 | 36 | .3 | 0 | 107 | 41 | 8 | 80 | Sample taken at bridge on county road. |
| Doans Creek | NE¼NW¼ sec. 36 | 11-18-59 | 36 | .5 | 0 | 107 | 55 | 10 | 96 | Sample taken at bridge on state road. |
| | | | | | T. 6 N., R. 6 W. | | | | | |
| Beehunter Ditch | NW¼SW¼ sec. 7 | 11-18-59 | 37 | .2 | 0 | 254 | 210 | 16 | 332 | Sample taken at bridge on county road. |
| Fourmile Creek | SE¼NW¼ sec. 22 | 11-18-59 | 37 | .2 | 0 | 342 | 110 | 12 | 368 | Do. |
| White River | NE¼NE¼ sec. 25 | 11-18-59 | 41 | .3 | 0 | 264 | 87 | 18 | 260 | Sample taken at bridge on state road. |
| | | | | | T. 6 N., R. 7 W. | | | | | |
| Singer Ditch | SE¼SE¼ sec. 31 | 11-18-59 | 34 | .2 | 0 | 220 | 695 | 10 | 778 | Sample taken at bridge on county road. |
| Black Creek | NW¼NW¼ sec. 36 | 11-18-59 | 35 | 1.0 | 0 | 176 | 370 | 10 | 444 | Do. |
| | | | | | T. 7 N., R. 3 W. | | | | | |
| Beech Creek | NE¼SW¼ sec. 10 | 11-18-59 | 43 | .2 | 0 | 107 | 35 | 6 | 88 | Do. |
| Indian Creek | NE¼NE¼ sec. 23 | 11-18-59 | 37 | .2 | 0 | 215 | 35 | 8 | 180 | Do. |
| Clifty Branch | NW¼NE¼ sec. 31 | 11-19-59 | 39 | .2 | 0 | 117 | 23 | 8 | 84 | Sample taken 300 ft. down stream from bridge on county road. |
| | | | | | T. 7 N., R. 4 W. | | | | | |
| Richland Creek | NW¼NW¼ sec. 3 | 11-18-59 | 36 | .3 | 0 | 210 | 30 | 8 | 172 | Sample taken at bridge on county road. |
| Beech Creek | NW¼NW¼ sec. 11 | 11-18-59 | 42 | .2 | 0 | 122 | 29 | 4 | 100 | Do. |
| Ore Branch | SE¼SW¼ sec. 21 | 11-19-59 | 42 | .2 | 0 | 107 | 43 | 12 | 104 | Sample taken at ford to farm house. |
| Bridge Creek | SE¼SW¼ sec. 24 | 11-19-59 | 39 | .2 | 0 | 117 | 28 | 6 | 80 | Sample taken at bridge on county road. |
| | | | | | T. 7 N., R. 5 W. | | | | | |
| Sloan Ditch | NW¼NW¼ sec. 20 | 11-18-59 | 42 | .2 | 0 | 293 | 90 | 10 | 276 | Do. |
| Lattas Creek | SE¼NE¼ sec. 20 | 11-18-59 | 37 | .2 | 0 | 142 | 205 | 8 | 276 | Do. |
| Ore Branch | NE¼NE¼ sec. 25 | 11-19-59 | 41 | 1.0 | 0 | 137 | 42 | 4 | 112 | Do. |
| Richland Creek | SE¼SW¼ sec. 26 | 10-22-59 | 53 | .5 | 0 | 205 | 34 | 8 | 168 | Sample taken at bridge on state road. |
| | | | | | T. 7 N., R. 6 W. | | | | | |
| Lattas Creek | SE¼NE¼ sec. 10 | 11-18-59 | 37 | .2 | 0 | 107 | 290 | 10 | 324 | Sample taken at bridge on county road. |
| Buck Creek | NW¼NW¼ sec. 20 | 11-18-59 | 34 | .2 | 0 | 317 | 295 | 8 | 480 | Sample taken at bridge on state road. |
| Fourmile Ditch | NE¼NE¼ sec. 36 | 11-18-59 | 38 | .2 | 0 | 381 | 55 | 14 | 308 | Do. |
| | | | | | T. 7 N., R. 7 W. | | | | | |
| Buck Creek | NW¼NE¼ sec. 3 | 11-18-59 | 34 | .2 | 0 | 161 | 95 | 10 | 172 | Sample taken at bridge on county road. |
| Beehunter Ditch | NE¼NE¼ sec. 23 | 11-18-59 | 34 | .3 | 0 | 259 | 290 | 16 | 444 | Sample taken at bridge on state road. |
| Goose Pond Ditch | NW¼SE¼ sec. 29 | 11-18-59 | 35 | 7.5+ | 0 | 24 | 985 | 10 | 844 | Sample taken at bridge on county road. |
| | | | | | T. 8 N., R. 3 W. | | | | | |
| Richland Creek | SE¼NW¼ sec. 12 | 10-21-59 | 55 | .5 | 0 | 278 | 37 | 6 | 236 | Sample taken at bridge on state road. |
| | | | | | T. 8 N., R. 4 W. | | | | | |
| Lick Creek | NE¼NE¼ sec. 1 | 11-19-59 | 38 | .3 | 0 | 239 | 32 | 6 | 192 | Sample taken at bridge on county road. |
| Goose Creek | SW¼NW¼ sec. 19 | 11-19-59 | 52 | .3 | 0 | 176 | 35 | 4 | 140 | Do. |
| | | | | | T. 8 N., R. 5 W. | | | | | |
| Sloan Ditch | NW¼SW¼ sec. 20 | 11-18-59 | 42 | .5 | 0 | 288 | 95 | 12 | 276 | Do. |
| Eel River | NW¼NE¼ sec. 21 | 11-19-59 | 38 | .2 | 0 | 220 | 70 | 10 | 208 | Do. |
| White River | SE¼SE¼ sec. 21 | 11-19-59 | 40 | .3 | 0 | 298 | 92 | 18 | 236 | Sample taken at bridge on state road. |
| Kelly Branch | SW¼SW¼ sec. 25 | 11-19-59 | 38 | .2 | 0 | 166 | 38 | 12 | 132 | Do. |
| | | | | | T. 8 N., R. 7 W. | | | | | |
| Lattas Creek | SE¼SE¼ sec. 23 | 11-18-59 | 34 | .5 | 0 | 264 | 1,130 | 10 | 1,300 | Sample taken at bridge on county road. |

Table 6.--Water levels in observation wells, Greene County, Indiana
(In feet below land-surface datum, except as noted.
Water level: e, estimated; h, tape measurement in recorder well)

Greene 1. (6/6W-4B2). Bert Edwards. NW¼NE¼ sec. 4, T. 6 N., R. 6 W. Dug well, used some for domestic supply, in glacial till, diameter 36 inches, depth 22 feet. Land-surface datum is about 510 feet above msl. Highest water level is 0.87 below lsd, Apr. 10, 1944; lowest is 9.57 below lsd, Dec. 18, 1944. Records available: 1944-45.

| Date | | Water level | Date | | Water level | Date | | Water level | Date | | Water level |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1944 | | | July | 31 | 5.83 | 1945 | | | May | 21 | 1.63 |
| | | | Aug. | 7 | 6.33 | | | | | 28 | 2.10 |
| Feb. | 21 | 4.24 | | 14 | 6.71 | Jan. | 2 | 9.53 | June | 5 | 2.52 |
| | 28 | 1.54 | | 21 | 7.06 | | 9 | 9.55 | | 12 | 1.40 |
| Mar. | 6 | 1.16 | | 28 | 7.33 | | 15 | 9.55 | | 18 | 1.51 |
| Apr. | 3 | 1.76 | Sept. | 4 | 7.53 | | 22 | 9.48 | | 25 | 1.75 |
| | 10 | .87 | | 12 | 7.76 | | 29 | 9.43 | July | 2 | 2.41 |
| | 17 | 1.76 | | 18 | 8.03 | Feb. | 6 | 9.30 | | 9 | 2.77 |
| | 24 | 1.63 | | 25 | 8.24 | | 12 | 9.22 | | 16 | 3.36 |
| May | 1 | 1.98 | Oct. | 2 | 8.50 | | 19 | 8.70 | | 23 | 3.85 |
| | 8 | 2.08 | | 9 | 8.55 | | 26 | 1.53 | | 30 | 4.26 |
| | 15 | 1.85 | | 17 | 8.73 | Mar. | 5 | 1.51 | Aug. | 6 | 4.66 |
| | 23 | 2.19 | | 24 | 8.85 | | 12 | 1.70 | | 13 | 5.08 |
| | 29 | 2.40 | | 31 | 8.97 | | 19 | .91 | | 20 | 3.58 |
| June | 6 | 2.59 | Nov. | 6 | 9.08 | | 26 | 1.51 | | 27 | 4.09 |
| | 12 | 2.85 | | 13 | 9.16 | Apr. | 2 | 1.30 | Sept. | 3 | 4.68 |
| | 19 | 3.19 | | 21 | 9.25 | | 9 | 1.45 | | 10 | 5.18 |
| | 26 | 3.52 | | 27 | 9.29 | | 16 | 1.10 | | 17 | 5.46 |
| July | 3 | 4.04 | Dec. | 4 | 9.49 | | 23 | 1.68 | | 26 | 3.76 |
| | 10 | 4.53 | | 12 | 9.52 | | 30 | 1.64 | Oct. | 1 | .90 |
| | 17 | 4.99 | | 18 | 9.57 | May | 7 | 1.76 | | 8 | 2.04 |
| | 25 | 5.51 | | 25 | 9.51 | | 14 | 1.69 | | 15 | 2.58 |

Greene 2. (6/6W-25J5). Max Stone, NE¼SE¼ sec. 25, T. 6 N., R. 6 W. Drilled unused well in glacial till and sand, diameter 10 inches, depth 38 feet. Land-surface datum is 554.6 feet above msl. Recording gage installed July 17, 1957. Highest water level is 12.85 below lsd, Jan. 25, 1958; lowest is 19.42 below lsd, Aug. 14, 1959. Records available 1957-1959.

(Daily highest water level from recorder graph, 1957)

| Day | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 15.04 | 16.48 | 17.73 | 18.08 | 16.72 |
| 2 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 15.00 | 16.62 | 17.90 | 18.06 | 16.76 |
| 3 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 15.00 | 16.78 | 18.13 | 18.03 | 16.68 |
| 4 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 15.62 | ----- | 18.11 | ----- | 16.55 |
| 5 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 18.19 | 17.96 | 16.43 |
| 6 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 16.85 | 18.38 | 17.95 | 16.29 |
| 7 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 15.55 | 16.85 | 18.39 | 17.99 | 16.25 |
| 8 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 15.55 | 16.99 | 18.43 | 17.92 | 16.19 |
| 9 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 15.50 | ----- | 18.41 | 17.90 | 16.13 |

Table 6.--Water levels in observation wells, Greene County, Indiana--Continued

Greene 2--Continued

| Day | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 15.51 | ----- | ----- | 17.92 | 16.06 |
| 11 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 15.71 | ----- | ----- | 17.98 | 15.96 |
| 12 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 16.02 | ----- | ----- | 18.14 | 15.85 |
| 13 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 18.58 | 17.98 | 15.80 |
| 14 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 15.96 | ----- | 18.72 | 17.77 | 15.76 |
| 15 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 15.90 | ----- | 18.83 | 17.70 | 15.71 |
| 16 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 15.83 | ----- | 18.66 | 17.62 | 15.67 |
| 17 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 15.81 | ----- | e18.54 | 17.46 | 15.51 |
| 18 | ----- | ----- | ----- | ----- | ----- | ----- | 15.08 | ----- | ----- | 18.43 | 17.38 | 15.34 |
| 19 | ----- | ----- | ----- | ----- | ----- | ----- | 14.98 | 16.04 | 17.57 | 18.39 | e17.25 | 15.17 |
| 20 | ----- | ----- | ----- | ----- | ----- | ----- | 14.94 | 16.03 | 17.47 | 18.48 | ----- | 15.07 |
| 21 | ----- | ----- | ----- | ----- | ----- | ----- | 15.04 | 16.06 | 17.33 | 18.86 | 17.07 | 15.00 |
| 22 | ----- | ----- | ----- | ----- | ----- | ----- | 15.28 | 16.05 | 17.28 | 18.87 | 16.92 | 14.99 |
| 23 | ----- | ----- | ----- | ----- | ----- | ----- | 15.26 | 16.13 | 17.27 | 18.74 | 16.80 | 15.01 |
| 24 | ----- | ----- | ----- | ----- | ----- | ----- | 15.24 | 16.09 | 17.27 | 18.67 | 16.75 | 14.92 |
| 25 | ----- | ----- | ----- | ----- | ----- | ----- | 15.16 | ----- | 17.25 | 18.59 | 16.68 | 14.67 |
| 26 | ----- | ----- | ----- | ----- | ----- | ----- | 15.11 | ----- | 17.36 | 18.55 | 16.60 | 14.52 |
| 27 | ----- | ----- | ----- | ----- | ----- | ----- | 15.12 | ----- | 17.40 | ----- | 16.73 | 14.36 |
| 28 | ----- | ----- | ----- | ----- | ----- | ----- | 15.16 | ----- | 17.37 | ----- | 16.94 | 14.25 |
| 29 | ----- | ----- | ----- | ----- | ----- | ----- | 15.16 | ----- | 17.46 | 18.36 | 16.87 | 14.18 |
| 30 | ----- | ----- | ----- | ----- | ----- | ----- | 15.12 | 16.28 | 17.67 | 18.24 | 16.77 | 14.15 |
| 31 | ----- | ----- | ----- | ----- | ----- | ----- | 15.11 | 16.26 | ----- | 18.13 | ----- | 14.11 |

(Daily highest water level from recorder graph, 1958)

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 13.87 | 13.01 | 14.06 | 16.05 | ----- | 15.30 | 15.15 | ----- | 13.85 | ----- | ----- | ----- |
| 2 | 13.75 | 13.02 | 14.08 | 16.14 | ----- | 15.36 | 15.19 | ----- | 13.90 | ----- | ----- | ----- |
| 3 | 13.63 | 13.09 | 14.10 | 16.18 | ----- | ----- | 15.20 | ----- | 13.92 | ----- | ----- | ----- |
| 4 | 13.55 | 13.16 | 14.12 | 16.16 | 16.04 | ----- | ----- | ----- | 13.93 | ----- | ----- | ----- |
| 5 | 13.54 | 13.17 | 14.15 | 16.33 | 15.95 | ----- | ----- | 13.96 | 13.95 | ----- | ----- | ----- |
| 6 | 13.55 | 13.19 | 14.13 | 16.32 | 15.85 | ----- | ----- | 13.91 | 13.95 | ----- | ----- | ----- |
| 7 | 13.46 | 13.19 | 14.14 | 16.30 | 15.77 | ----- | ----- | 13.85 | 13.97 | ----- | ----- | ----- |
| 8 | 13.35 | ----- | 14.28 | 16.26 | 15.73 | ----- | ----- | 13.83 | ----- | ----- | ----- | ----- |
| 9 | 13.28 | 13.32 | 14.37 | 16.20 | 15.71 | 15.16 | ----- | 13.82 | ----- | ----- | ----- | ----- |
| 10 | 13.24 | 13.32 | 14.44 | 16.11 | 15.67 | 15.12 | ----- | 13.82 | ----- | ----- | ----- | ----- |
| 11 | 13.33 | 13.40 | 14.51 | 16.08 | ----- | 15.05 | ----- | 13.81 | ----- | ----- | ----- | ----- |
| 12 | 13.33 | 13.44 | 14.58 | 16.11 | ----- | 14.92 | ----- | 13.78 | ----- | ----- | ----- | ----- |
| 13 | 13.30 | 13.46 | 14.63 | 16.23 | ----- | 14.89 | ----- | ----- | ----- | ----- | ----- | ----- |
| 14 | 13.25 | 13.43 | 14.67 | 16.28 | 15.39 | 14.84 | 15.15 | 13.80 | ----- | h15.40 | ----- | ----- |
| 15 | ----- | 13.54 | 14.68 | 16.31 | 15.27 | 14.82 | 15.08 | 13.69 | ----- | ----- | ----- | ----- |
| 16 | ----- | 13.65 | 14.69 | 16.30 | 15.14 | 14.81 | 15.07 | 13.66 | ----- | ----- | ----- | ----- |
| 17 | ----- | 13.75 | 14.86 | 16.34 | 15.04 | ----- | 15.02 | 13.64 | ----- | ----- | 16.17 | ----- |
| 18 | 13.01 | 13.74 | 14.93 | 16.35 | 14.97 | ----- | 15.00 | 13.64 | ----- | ----- | 16.17 | ----- |
| 19 | 13.07 | 13.74 | 14.97 | 16.38 | 14.97 | ----- | 14.98 | 13.67 | ----- | ----- | 16.24 | ----- |
| 20 | 13.08 | 13.75 | 14.97 | 16.46 | 15.19 | ----- | 14.89 | 13.67 | ----- | ----- | 16.22 | ----- |
| 21 | 13.01 | 13.82 | 14.98 | 16.47 | 15.32 | ----- | 14.84 | ----- | ----- | ----- | 16.20 | ----- |
| 22 | ----- | 13.82 | 15.11 | 16.53 | ----- | ----- | ----- | ----- | 14.62 | ----- | 16.17 | ----- |
| 23 | 12.93 | 13.83 | 15.39 | 16.51 | ----- | ----- | 14.77 | ----- | 14.68 | ----- | 16.15 | ----- |

Table 6.--Water levels in observation wells, Greene County, Indiana--Continued

Greene 2--Continued

| Day | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24 | 12.87 | ----- | 15.47 | 16.48 | ----- | ----- | 14.71 | ----- | 14.73 | ----- | 16.16 | ----- |
| 25 | 12.85 | ----- | 15.46 | 16.46 | ----- | ----- | 14.63 | ----- | 14.76 | ----- | ----- | ----- |
| 26 | 12.95 | 14.01 | 15.42 | 16.44 | 15.02 | 14.74 | 14.57 | ----- | 14.78 | ----- | ----- | ----- |
| 27 | 12.97 | 14.01 | ----- | 16.28 | 15.04 | 14.77 | 14.50 | ----- | 14.77 | ----- | ----- | ----- |
| 28 | 12.99 | 14.06 | ----- | 16.10 | 15.31 | 14.85 | 14.46 | ----- | 14.80 | ----- | ----- | ----- |
| 29 | 13.05 | 14.06 | 15.34 | ----- | 15.32 | 14.95 | 14.41 | ----- | ----- | ----- | ----- | ----- |
| 30 | 13.05 | ----- | 15.40 | ----- | 15.30 | 15.07 | 14.30 | ----- | ----- | ----- | ----- | ----- |
| 31 | 13.04 | ----- | 15.48 | ----- | 15.27 | ----- | ----- | ----- | ----- | ----- | ----- | ----- |

(Daily highest water level from recorder graph, 1959)

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | ----- | 16.12 | ----- | 14.25 | 14.71 | ----- | ----- | 18.24 | 18.87 | ----- | 18.70 | 18.60 |
| 2 | ----- | 16.09 | ----- | 14.25 | 14.77 | ----- | ----- | 18.26 | 18.87 | 19.14 | 18.68 | 18.55 |
| 3 | ----- | 16.01 | ----- | 14.25 | 14.82 | ----- | ----- | 18.35 | 18.88 | 19.17 | 18.55 | 18.48 |
| 4 | ----- | ----- | ----- | 14.24 | 14.89 | ----- | ----- | 18.31 | 18.91 | 19.15 | 18.49 | e18.40 |
| 5 | ----- | ----- | ----- | 14.23 | 14.93 | ----- | ----- | 18.37 | 18.92 | 19.17 | 18.48 | 18.33 |
| 6 | ----- | ----- | ----- | 14.24 | 14.97 | ----- | ----- | 18.43 | 18.93 | 19.33 | 18.47 | 18.36 |
| 7 | ----- | ----- | ----- | 14.27 | 15.01 | ----- | h18.29 | 18.44 | 18.96 | 19.36 | 18.47 | 18.51 |
| 8 | ----- | ----- | ----- | 14.30 | 15.05 | ----- | 18.33 | 18.44 | 18.97 | 19.34 | 18.49 | 18.53 |
| 9 | ----- | ----- | ----- | 14.29 | 15.06 | h16.89 | 18.30 | 18.44 | 19.02 | 19.29 | 18.48 | 18.49 |
| 10 | ----- | ----- | ----- | 14.27 | 15.09 | 16.90 | 18.26 | 18.70 | 19.15 | 19.17 | 18.46 | 18.45 |
| 11 | ----- | ----- | e15.06 | 14.26 | 15.15 | 16.87 | 18.23 | 18.87 | 19.24 | 19.15 | 18.45 | 18.35 |
| 12 | ----- | ----- | 14.98 | 14.24 | 15.16 | 16.85 | 18.23 | 18.93 | 19.34 | 19.16 | 18.45 | 18.25 |
| 13 | ----- | ----- | 14.91 | 14.28 | 15.22 | 16.85 | 18.26 | 18.96 | 19.38 | 19.08 | 18.60 | 18.19 |
| 14 | ----- | ----- | 14.84 | 14.31 | 15.27 | 16.86 | 18.30 | 18.99 | 19.41 | 19.01 | 18.59 | 18.12 |
| 15 | ----- | ----- | 14.76 | 14.33 | 15.30 | 16.88 | 18.33 | 19.03 | 19.40 | 18.95 | 18.57 | 18.08 |
| 16 | ----- | h15.69 | e14.68 | 14.32 | ----- | 16.91 | 18.24 | 19.02 | 19.38 | 18.89 | 18.57 | e17.94 |
| 17 | ----- | 15.65 | ----- | 14.30 | ----- | 16.93 | 18.21 | 19.01 | 19.34 | 18.83 | ----- | 17.77 |
| 18 | ----- | e15.62 | ----- | 14.29 | ----- | 16.95 | 18.18 | 19.03 | 19.31 | 18.80 | ----- | 17.67 |
| 19 | ----- | ----- | ----- | 14.25 | ----- | 16.95 | 18.17 | 19.03 | 19.32 | 18.75 | ----- | 17.58 |
| 20 | ----- | ----- | ----- | 14.24 | ----- | 16.96 | 18.18 | 19.02 | 19.32 | 18.70 | ----- | 17.49 |
| 21 | ----- | ----- | ----- | 14.26 | ----- | 16.99 | 18.18 | 19.02 | 19.32 | 18.66 | ----- | 17.44 |
| 22 | ----- | ----- | ----- | 14.27 | ----- | 17.05 | 18.18 | 19.02 | 19.31 | 18.65 | ----- | 17.42 |
| 23 | ----- | ----- | ----- | 14.31 | ----- | 17.09 | 18.19 | 19.04 | 19.30 | 18.75 | ----- | 17.40 |
| 24 | ----- | ----- | ----- | 14.37 | ----- | 17.09 | 18.20 | 19.06 | 19.27 | 18.76 | ----- | 17.37 |
| 25 | ----- | ----- | ----- | 14.41 | ----- | 17.10 | 18.21 | 19.06 | 19.25 | 18.77 | ----- | 17.35 |
| 26 | ----- | ----- | ----- | 14.46 | ----- | 17.23 | 18.23 | 19.04 | 19.10 | 18.77 | e18.54 | 17.32 |
| 27 | 16.44 | ----- | ----- | 14.53 | ----- | 17.51 | 18.21 | 19.02 | 19.09 | 18.82 | 18.54 | 17.26 |
| 28 | 16.38 | ----- | ----- | 14.57 | ----- | ----- | 18.21 | 18.99 | ----- | 18.84 | 18.66 | 17.24 |
| 29 | 16.28 | ----- | ----- | 14.59 | ----- | ----- | 18.20 | 18.99 | ----- | 18.79 | 18.67 | 17.25 |
| 30 | 16.22 | ----- | h14.24 | 14.64 | ----- | ----- | 18.21 | 18.99 | ----- | 18.75 | 18.66 | 17.24 |
| 31 | 16.17 | ----- | 14.24 | ----- | ----- | ----- | 18.22 | 18.98 | ----- | 18.71 | ----- | 17.22 |

Greene 3. (7/6W-20N2). City of Linton. SW¼SW¼ sec. 20, T. 7 N., R. 6 W. Drilled unused artesian well in glaciofluvial sand and gravel, diameter 8 inches, depth 48.5 feet. Land-surface datum is 482.2 feet above msl. Recording gage installed Apr. 30, 1946 to Oct. 2, 1946; reestablished Mar. 31, 1959. Highest water level is 0.01 above lsd, Apr. 28, 1959; lowest is 30.38 below lsd, Sept. 23, 1946. Records available 1946, 1959. Shows barometric fluctuation; affected by pumping of nearby wells in 1946.

| Date | Water level | Date | Water level | Date | Water level | Date | Water level |
|---|---|---|---|---|---|---|---|
| 1946 | | May 16 | h23.68 | June 26 | h23.08 | Aug. 22 | h28.15 |
| | | 20 | h23.13 | July 2 | h24.25 | 29 | h28.73 |
| Apr. 30 | h23.79 | 28 | h21.96 | 10 | h25.06 | Sept. 6 | h29.18 |
| May 6 | h24.04 | June 3 | h22.30 | 16 | h25.57 | 13 | h29.72 |
| 9 | h23.92 | 10 | h22.59 | 24 | h25.65 | 23 | h30.38 |
| 13 | h23.65 | 17 | h22.77 | Aug. 15 | h27.55 | Oct. 2 | h30.31 |

(Daily highest water level from recorder graph, 1959)

| Day | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | ----- | ----- | ----- | ----- | 0.43 | 0.42 | 1.55 | 2.80 | 2.41 | 3.03 | 1.62 | 0.78 |
| 2 | ----- | ----- | ----- | h0.01 | .54 | .48 | 1.75 | 2.85 | 2.45 | 2.85 | 1.59 | .80 |
| 3 | ----- | ----- | ----- | h .00 | .61 | .55 | 1.86 | 2.72 | 2.76 | 2.84 | 1.50 | .78 |
| 4 | ----- | ----- | ----- | .11 | .64 | .63 | 1.71 | ----- | 2.87 | 2.90 | 1.24 | ----- |
| 5 | ----- | ----- | ----- | .02 | .67 | .57 | 1.72 | 2.57 | 2.82 | 2.80 | 1.28 | ----- |
| 6 | ----- | ----- | ----- | .16 | .73 | .61 | 1.80 | 2.35 | 2.82 | 2.69 | 1.59 | ----- |
| 7 | ----- | ----- | ----- | .08 | .92 | .72 | 1.99 | 2.27 | 2.86 | 2.62 | 1.60 | ----- |
| 8 | ----- | ----- | ----- | .11 | 1.04 | .81 | 1.98 | 2.21 | 2.98 | 2.48 | 1.51 | ----- |
| 9 | ----- | ----- | ----- | e .19 | .74 | .86 | 2.05 | 2.19 | 2.98 | 2.57 | 1.31 | ----- |
| 10 | ----- | ----- | ----- | ----- | .71 | .85 | 2.01 | 2.23 | 3.00 | 2.49 | 1.09 | ----- |
| 11 | ----- | ----- | ----- | ----- | .81 | .82 | 2.00 | 2.27 | 3.11 | 2.52 | 1.10 | ----- |
| 12 | ----- | ----- | ----- | ----- | .92 | .78 | 2.10 | 2.23 | 3.06 | 2.59 | 1.04 | ----- |
| 13 | ----- | ----- | ----- | ----- | .69 | .80 | 2.27 | 2.24 | 3.92 | 2.40 | .93 | ----- |
| 14 | ----- | ----- | ----- | ----- | .67 | .97 | 2.32 | 2.20 | 2.68 | 2.31 | .98 | ----- |
| 15 | ----- | ----- | ----- | .61 | .67 | .88 | 2.31 | 2.16 | 2.55 | 2.32 | 1.05 | ----- |
| 16 | ----- | ----- | ----- | .65 | .60 | .78 | 2.33 | 2.10 | 2.62 | 2.23 | .78 | ----- |
| 17 | ----- | ----- | ----- | .61 | .47 | .86 | 2.25 | 2.11 | 2.98 | 2.24 | ----- | ----- |
| 18 | ----- | ----- | ----- | .63 | .34 | .98 | 2.19 | 2.22 | 3.09 | 2.18 | ----- | ----- |
| 19 | ----- | ----- | ----- | .46 | .34 | 1.05 | 2.28 | 2.30 | 3.05 | 2.12 | ----- | ----- |
| 20 | ----- | ----- | ----- | .45 | .38 | 1.02 | 2.44 | 2.27 | 2.96 | 2.12 | ----- | ----- |
| 21 | ----- | ----- | ----- | .52 | .38 | .99 | 2.58 | 2.24 | 2.86 | 2.26 | ----- | ----- |
| 22 | ----- | ----- | ----- | .42 | .38 | 1.04 | 2.62 | 2.26 | 2.88 | 1.99 | ----- | ----- |
| 23 | ----- | ----- | ----- | .39 | .41 | 1.21 | 2.53 | 2.31 | 2.91 | 1.54 | ----- | ----- |
| 24 | ----- | ----- | ----- | .29 | .56 | 1.24 | 2.57 | 2.39 | 2.99 | 1.49 | ----- | .04 |
| 25 | ----- | ----- | ----- | .24 | .41 | 1.27 | 2.68 | 2.35 | 2.85 | 1.53 | ----- | .00a/ |
| 26 | ----- | ----- | ----- | .31 | .43 | 1.29 | 2.71 | 2.35 | 2.66 | 1.65 | ----- | .00a/ |
| 27 | ----- | ----- | ----- | .05 | .54 | 1.45 | 2.68 | 2.39 | 2.66 | 1.77 | .80 | .00a/ |

a/ Water above casing in riser or leaking out between riser and casing.

Table 6.--Water levels in observation wells, Greene County, Indiana--Continued

Greene 3--Continued

| Day | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 28 | ----- | ----- | ----- | +0.01 | 0.65 | 1.47 | 2.69 | 2.35 | ----- | 2.10 | 0.92 | 0.00a/ |
| 29 | ----- | ----- | ----- | .23 | .59 | 1.55 | 2.73 | 2.31 | ----- | 1.99 | .96 | .00a/ |
| 30 | ----- | ----- | ----- | .30 | .54 | 1.55 | 2.78 | 2.34 | ----- | 1.94 | .84 | .00a/ |
| 31 | ----- | ----- | h0.07 | ----- | .43 | ----- | 2.74 | 2.41 | ----- | 1.79 | ----- | .06 |

a/ Water above casing in riser or leaking out between riser and casing.

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## PUBLICATIONS OF COOPERATIVE GROUND-WATER PROGRAM

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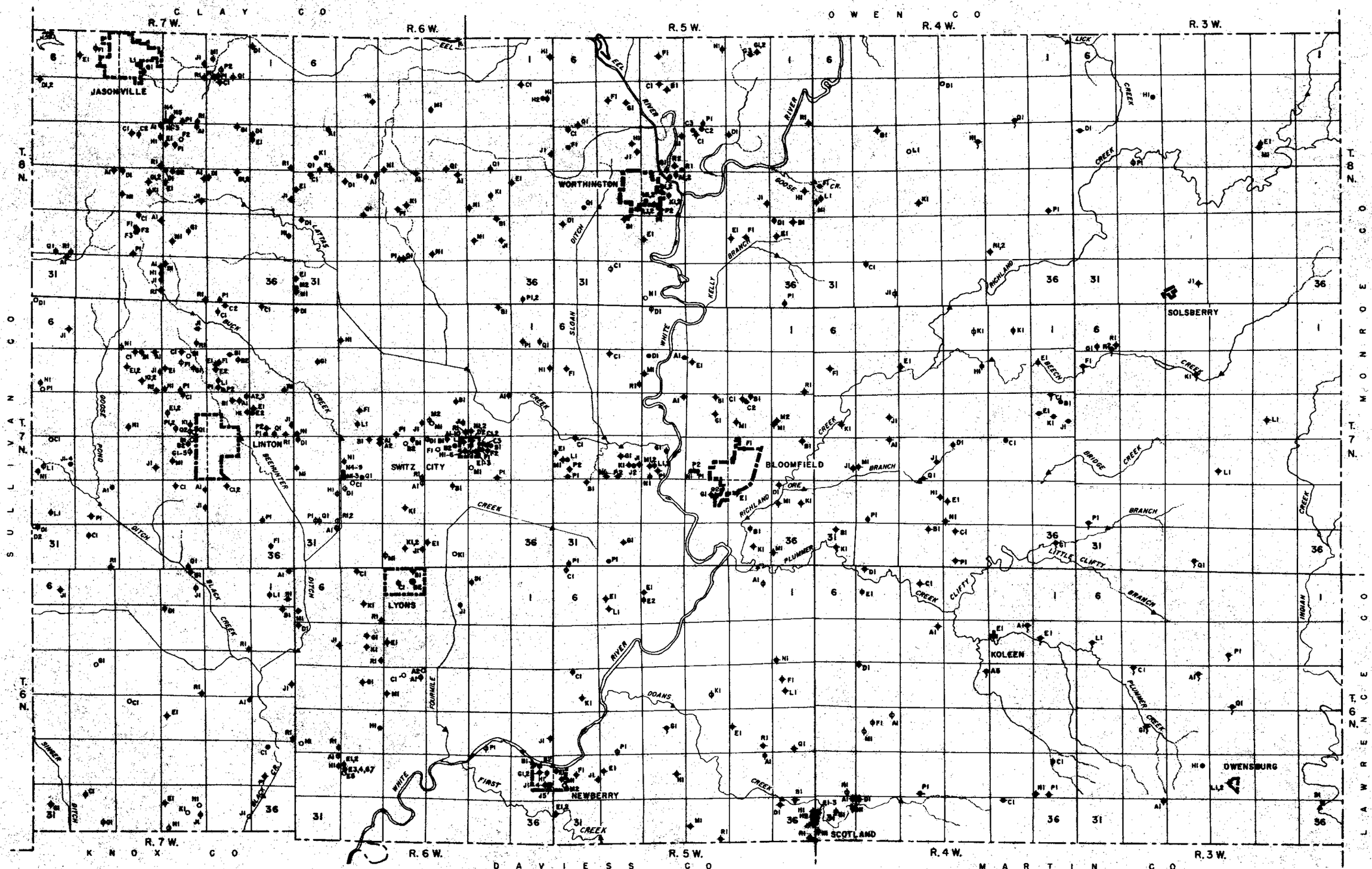
INDEX



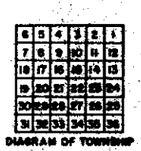




DIAGRAM OF TOWNSHIP

Base modified from Indiana Department of Conservation, Geological Survey, Base Map No. 28, Greene County, March 15, 1953

# MAP OF GREENE COUNTY, INDIANA, SHOWING LOCATION OF WELLS AND SPRINGS

0 1 2 3 4 5 6 MILES

0 5000 10000 15000 20000 FEET

BY F.A. WATKINS, JR. AND R.E. JORDAN
1954

## EXPLANATION

- ● B1 — Water well
- ● M1 — Observation well
- ● D1 — Spring
- ○ L1,2 — Oil well, test hole, drain hole, or hole drilled for purposes other than water supply.
- ▲ — Stream-water sampling site; field chemical analysis of water in table 5.
- ♦ P1 — Well for which log is listed in table 2.
- ◆ C2 — Well or spring for which field chemical analysis is listed in table 3 or 4.

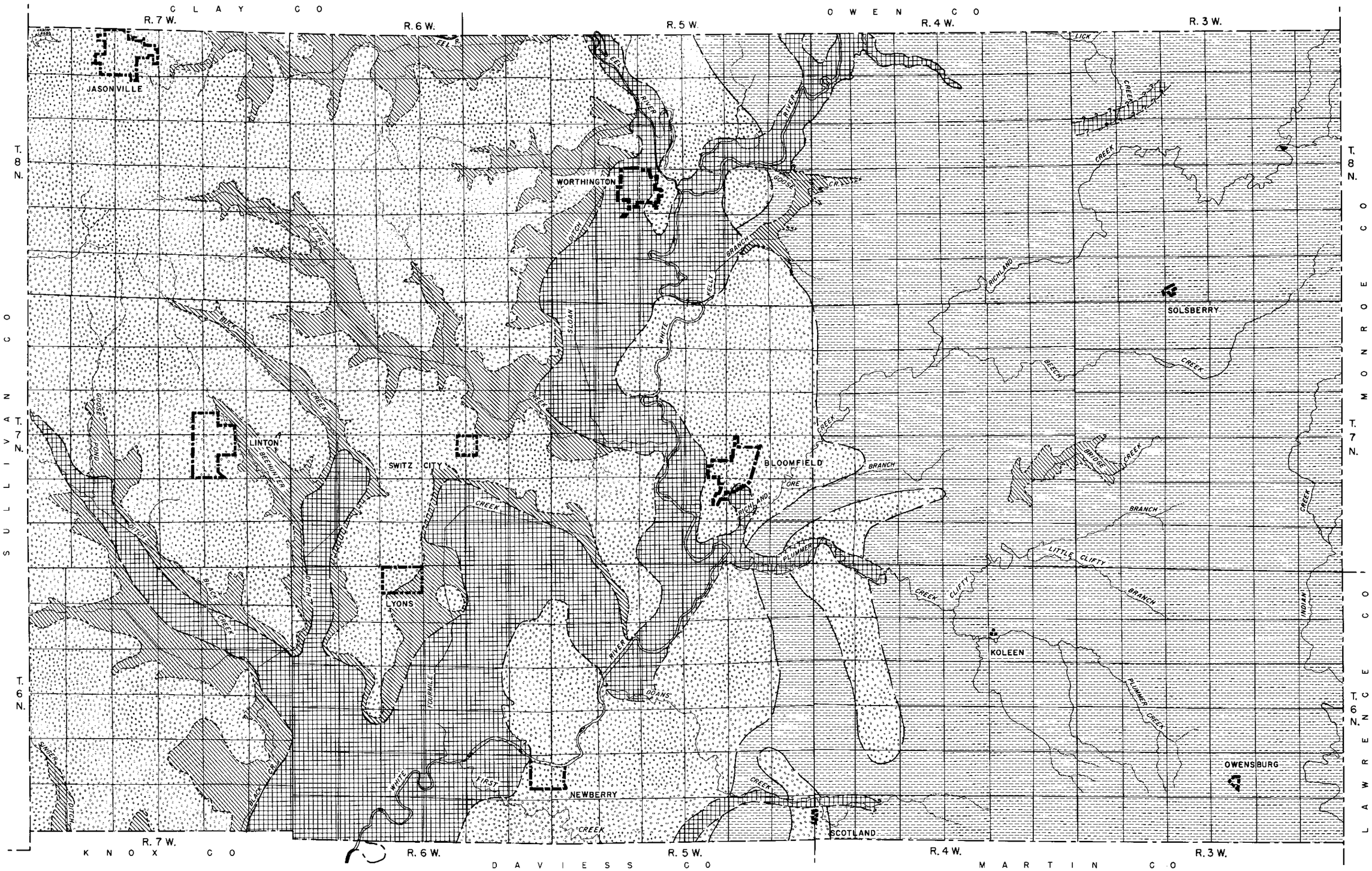
| | | | |
|---|---|---|---|
| D | C | B | A |
| E | F | G | H |
| M | L | K | J |
| N | P | Q | R |

SECTION LETTER SYMBOLS IN WELL-NUMBERING SYSTEM.

STATE OF INDIANA
INDIANA DEPARTMENT OF CONSERVATION
DIVISION OF WATER RESOURCES

PREPARED BY THE
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY






| | | | | | |
|---|---|---|---|---|---|
| 6 | 5 | 4 | 3 | 2 | 1 |
| 7 | 8 | 9 | 10 | 11 | 12 |
| 18 | 17 | 16 | 15 | 14 | 13 |
| 19 | 20 | 21 | 22 | 23 | 24 |
| 30 | 29 | 28 | 27 | 26 | 25 |
| 31 | 32 | 33 | 34 | 35 | 36 |

DIAGRAM OF TOWNSHIP

Base modified from Indiana Department of Conservation, Geological Survey, Base Map No. 28, Greene County, March 15, 1953

# MAP OF GREENE COUNTY, INDIANA, SHOWING AVAILABILITY OF GROUND WATER

0 1 2 3 4 5 6 MILES

0 5000 10000 15000 20000 FEET

BY F.A. WATKINS, JR. AND D.G. JORDAN
1960

## EXPLANATION

Production from sand and gravel

Water from sand and gravel lenses in lake sediments consisting of clay and silt of pleistocene age. Well depths range from 20 to 65 feet. Yields from sand and gravel adequate for domestic and stock use.

Water from glaciofluvial sand and gravel generally overlain by lake sediments, all of pleistocene age. Well depths range from 30 to 200 feet. Yields more than adequate for domestic and stock use. Area of municipal and industrial pumpage and

Production from bedrock

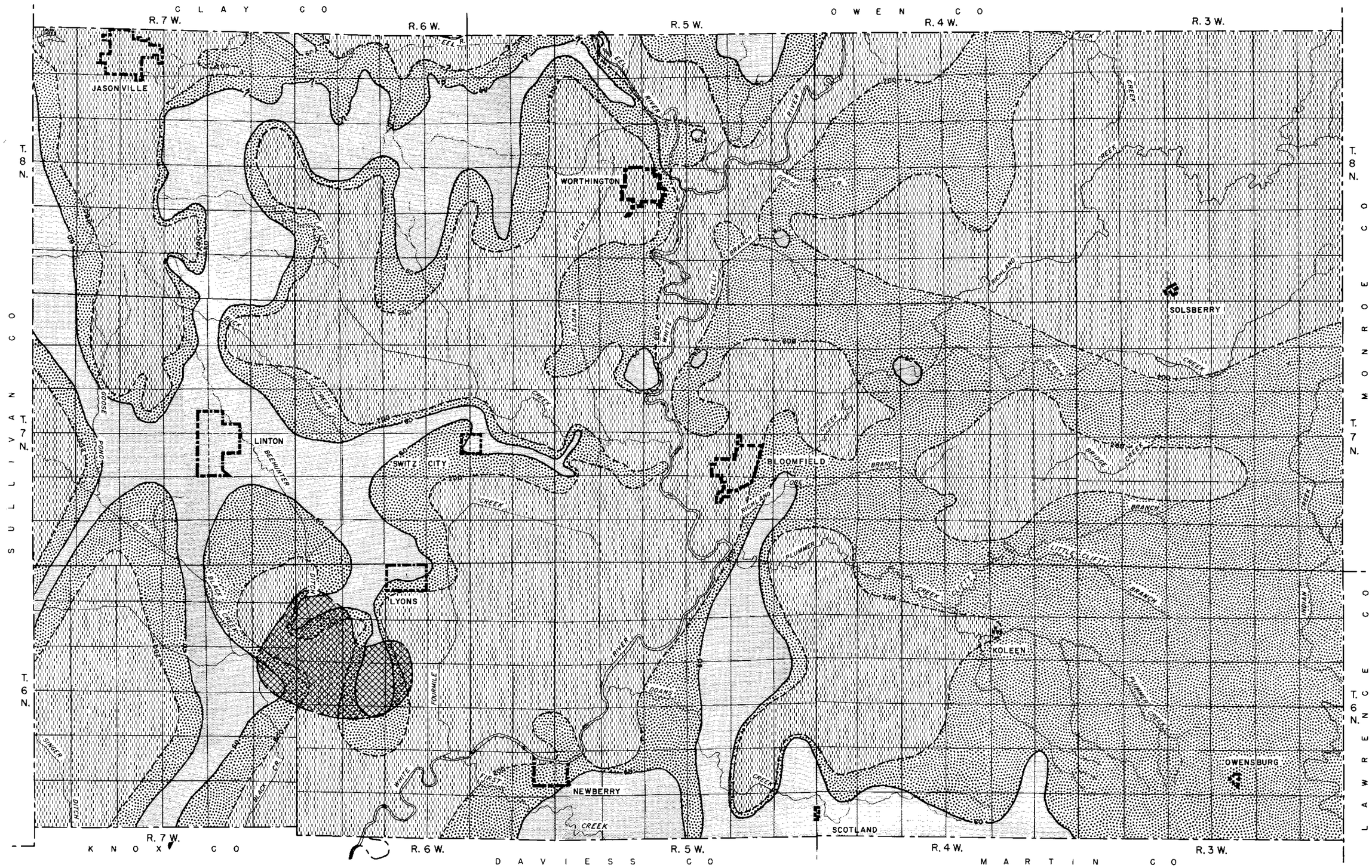
Water predominately from sandstone of Pennsylvanian age. Well depths range from 40 to 390 feet. Yields generally adequate for domestic and stock use.

Water predominately from sandstone and limestone of Mississippian age. Well depths range from 45 to 350 feet. Yields generally adequate for domestic and stock use. Larger yields available locally from solution cavities in limestone.

STATE OF INDIANA
INDIANA DEPARTMENT OF CONSERVATION
DIVISION OF WATER RESOURCES

PREPARED BY THE
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY






| | | | | | |
|---|---|---|---|---|---|
| 6 | 5 | 4 | 3 | 2 | 1 |
| 7 | 8 | 9 | 10 | 11 | 12 |
| 18 | 17 | 16 | 15 | 14 | 13 |
| 19 | 20 | 21 | 22 | 23 | 24 |
| 30 | 29 | 28 | 27 | 26 | 25 |
| 31 | 32 | 33 | 34 | 35 | 36 |

DIAGRAM OF TOWNSHIP

Base modified from Indiana Department of Conservation, Geological Survey, Base Map No.28, Greene County, March 15, 1953

# MAP OF GREENE COUNTY, INDIANA, SHOWING HARDNESS OF GROUND WATER

0 1 2 3 4 5 6 MILES

0 5000 10000 15000 20000 FEET

BY F.A. WATKINS, JR. AND D.G. JORDAN
1960

## EXPLANATION

Hardness 0 to 60 ppm.

Hardness 61 to 200 ppm.

Hardness more than 200 ppm.

Area of chloride content in excess of 600 ppm at depths of 180 feet or less.