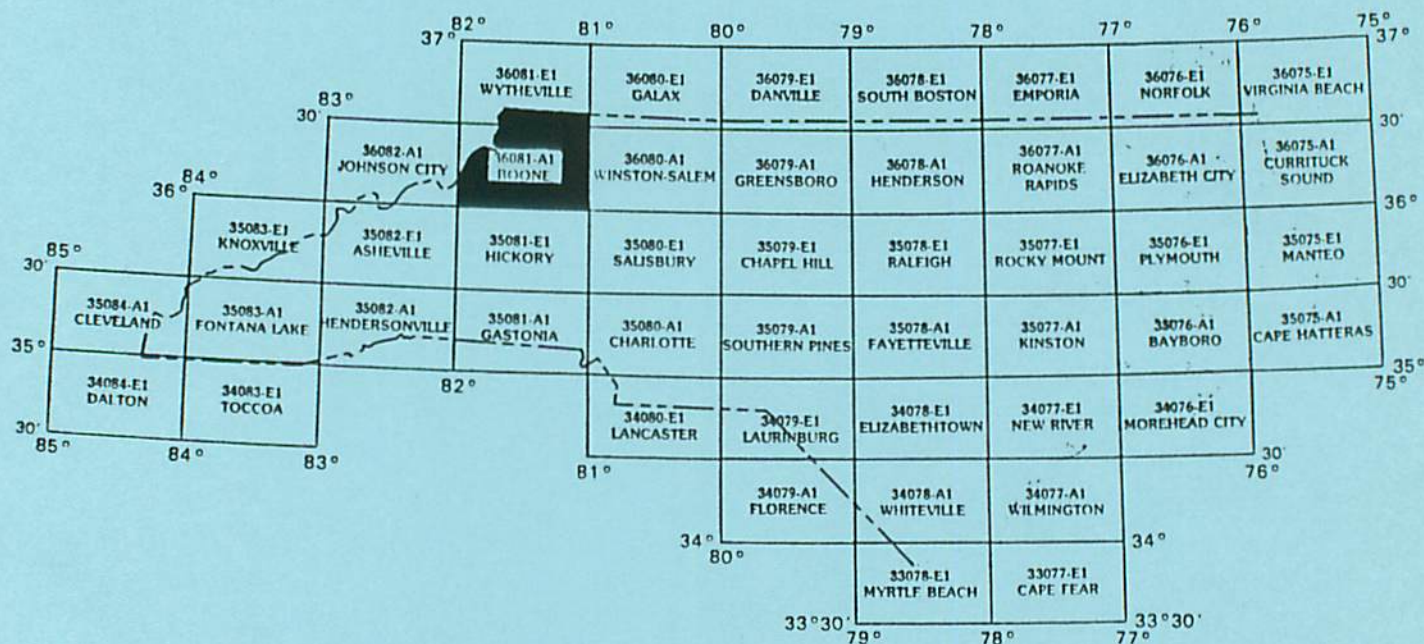


Listing of Concentrations of Variables of Stream Sediment, Stream Water, and Groundwater for the Wytheville and Boone 30 x 60 - Minute Quadrangle -NURE Database

by
Robert H. Carpenter and Jeffrey C. Reid

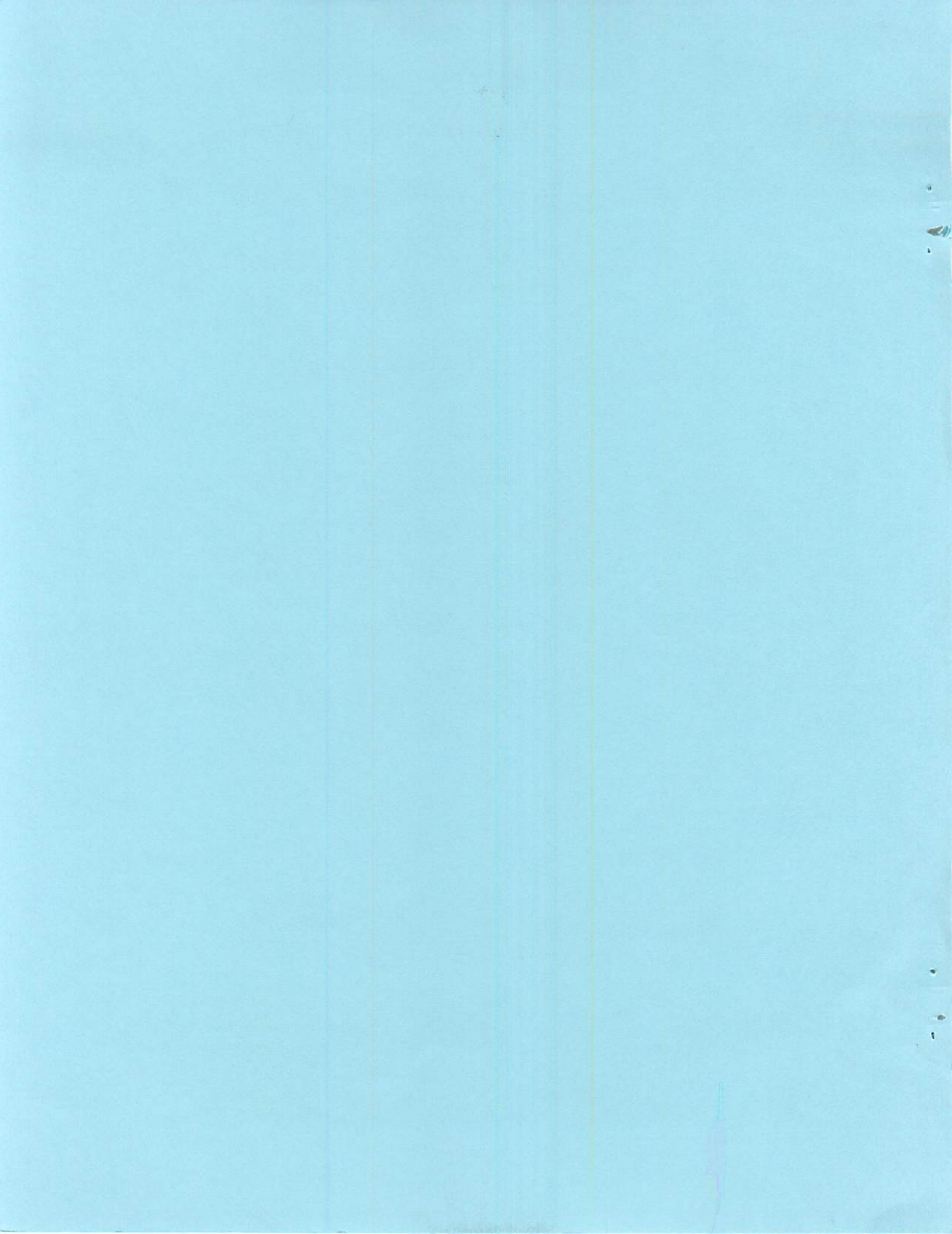


NORTH CAROLINA GEOLOGICAL SURVEY OPEN-FILE REPORT 93-9

State of North Carolina
James B. Hunt, Jr., Governor

Department of Environment,
Health and Natural Resources
Jonathan B. Howes, Secretary
Division of Land Resources
Charles H. Gardner,
Director and State Geologist

July, 1993



GEOLOGICAL SURVEY SECTION

The Geological Survey Section examines, surveys and maps the geology, mineral resources, and topography of the State to encourage the wise conservation and use of these resources by industry, commerce, agriculture and government agencies for the general welfare of the citizens of North Carolina.

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Jeffrey C. Reid
Chief Geologist

**Listing of Concentrations of Variables
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Stream Sediment, Stream Water, and Groundwater
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-NURE Database**

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INTRODUCTION

This report is a compilation of geochemical data for stream sediment and groundwater for the Wytheville and Boone 30 x 60 - minute quadrangle (Figure 1). Maps and tables were prepared from statewide data obtained by the Savannah River Laboratory under sponsorship of the U.S. Dept. of Energy in its National Uranium Resources Evaluation (NURE) program (Sargent and others, 1982). Sampling and analysis were performed during the period 1976 - 1980.

Because of the large size of the database, the North Carolina Geological Survey is presenting the database in both statewide and 30 x 60 - minute quadrangle formats. Statewide formats currently available include atlases of stream sediment and hydrogeochemical data which contain maps showing quartile distribution of concentrations of variables (Reid, 1991; Reid, 1993). Reid and Carpenter (1993a, 1993b) present listings of concentrations of variables which equal or exceed the 90th percentile (and pH and conductivity below the 10th percentile) for stream sediment and groundwater-stream water.

This open-file report is part of a series of reports that present sample-location maps and listings of analyses of all variables in all of the 30 x 60 - minute quadrangles that comprise the state of North Carolina. Subsequent reports will review the NURE data for individual 30 x 60 - minute quadrangles. These reviews will contain the following: 1) maps showing concentrations of all the variables in up to eight class intervals; 2) geologic review of the quadrangle and discussion of relationship of geochemical variables to rock units and structural features; 3) review of mineral resources and discussion of relationship of geochemical variables to mineral occurrences; and 4) discussion of outliers that may relate to anthropogenic contamination.

In this report, site-location maps use state boundaries, county boundaries and 7-1/2 - minute quadrangle boundaries as references to site-locations. The North Carolina Index to Topographic and Other Map Coverage, prepared by the U.S. Geological Survey, is a useful reference document. The List of Publications of the North Carolina Geological Survey indicates areas within the state for which some geologic and geophysical maps, and reports, are available.

Listings in this report are in the same basic format as those presented in microfiche by Sargent

and others (1982). Column 1 lists the laboratory numbers applied to each analyzed sample. Column 2 lists site identification codes. The first two characters are the codes for the county name. The next three digits are sample numbers. They are listed sequentially for each county in the order they were collected. The next two columns list the latitude and longitude of the sampling sites in decimal degree format. The remaining columns are data columns and analyses are given in parts per million (stream sediment) and parts per billion (groundwater). In these columns, a minus (-) sign indicates that a value is below the detection limit. If background is high, and an accurate estimate of minimum detection limit could not be made, a period (.) indicates that the element was not detected and that the detection limit is unusually high. Missing data are denoted by the letter "M". For gold, analyses are listed only for those samples in which gold was detected. For arsenic, a value of 0 is assigned for samples in which arsenic was analyzed, but not detected.

For stream sediment, two listings are presented. The first listing is for elements analyzed by neutron activation as well as field measurements for pH and conductivity of stream water. Variables included in this listing are pH, conductivity, uranium (U), thorium (Th), hafnium (Hf), cerium (Ce), iron (Fe), manganese (Mn), sodium (Na), scandium (Sc), titanium (Ti), vanadium (V), aluminum (Al), dysprosium (Dy), europium (Eu), lanthanum (La), samarium (Sm), ytterbium (Yb), and lutetium (Lu). The second listing is for supplemental elements analyzed by a variety of techniques. These include extractable uranium (Ux), silver (Ag), arsenic (As), barium (Ba), beryllium (Be), calcium (Ca), cobalt (Co), chromium (Cr), copper (Cu), potassium (K), lithium (Li), magnesium (Mg), molybdenum (Mo), niobium (Nb), nickel (Ni), phosphorous (P), lead (Pb), selenium (Se), tin (Sn), strontium (Sr), tungsten (W), yttrium (Y), and zinc (Zn). Stream sediment analyses are for the minus 100 mesh fraction (< 149 microns) unless otherwise noted.

Groundwater, normally samples of water from wells, was also analyzed by neutron activation. Field measurements were made of pH and conductivity. Variables included in listings of groundwater analyses include pH, conductivity, uranium (U), bromine (Br), chlorine (Cl), fluorine (F), magnesium (Mg), manganese (Mn), sodium (Na), vanadium (V), uranium/conductivity, aluminum (Al), and dysprosium (Dy). Stream water was also analyzed for these variables at 295 sites in North Carolina. Listings for stream water are included for areas in which these sites are located.

Although the data was acquired with considerable attention to quality control, some errors exist. These include uncertainties of sample locations due to the use of county road maps as base maps for field use and digitizing sampling sites. Malfunction of field equipment used in measurement of pH and conductivity has also been recognized in some areas. Some of the analyses are also in error. Some of these errors are apparent when concentrations show systematic "breaks" at county boundaries. This suggests that conditions of analysis for different batches of samples were not uniform. In general, analyses of stream sediment by neutron activation are more reliable than analyses of sediment by other supplemental methods.

For a number of counties, supplemental analyses were not made. Thus elements of interest for mineral exploration and environmental geochemistry are lacking for large areas.

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Reid, Jeffrey C., and Carpenter, Robert H., 1993b, Listing of concentrations (groundwater and stream water) of variables which equal or exceed the 90th percentile, and pH and conductivity below the 10th percentile in the North Carolina portion of the NURE data base: North Carolina Geological Survey, Open-File Report 93-2, introductory text plus 162 pages of data.

Sargent, K.A., Cook, J.R., and Fay, W.M., 1982, Data report: North and South Carolina, National Uranium Resource Evaluation Program, Hydrochemical and stream sediment reconnaissance: E.I. du Pont de Nemours & Co., Savannah River Laboratory, Aiken, S.C., under contract to the U.S. Dept of Energy, contract DE-AC09-76SR000001 (DPST-81-146-22; GBJX-102), 45 p. plus microfiche.

CONTENTS

| | <u>page</u> |
|---|-------------|
| Figure 1. Map showing outlines of Wytheville and Boone 30 x 60 - minute quadrangles..... | 1 |
| Figure 2. Stream sediment sites - Wytheville and Boone 30 x 60 - minute quadrangles..... | 2 |
| Figure 3. Groundwater sites - Wytheville and Boone 30 x 60 - minute quadrangles..... | 3 |
| Listing of Sediment Analyses - Boone 30 x 60 - minute quadrangle | 4 |
| Listing of Sediment Analyses - Wytheville 30 x 60 - minute quadrangle..... | 15 |
| Listing of Supplemental Sediment Analysis - Boone 30 x 60 - minute quadrangle..... | 17 |
| Listing of Supplemental Sediment Analyses -Wytheville 30 x 60 - minute quadrangle..... | 28 |
| Listing of Groundwater Analyses - Boone 30 x 60 - minute quadrangle..... | 30 |
| Listing of Groundwater Analyses - Wytheville 30 x 60 - minute quadrangle..... | 35 |

COUNTY CODES

| <u>Code</u> | <u>County</u> |
|-------------|---------------|
| AE | Alexander |
| AG | Alleghany |
| AS | Ashe |
| AV | Avery |
| CL | Caldwell |
| WL | Wilkes |
| WT | Watauga |

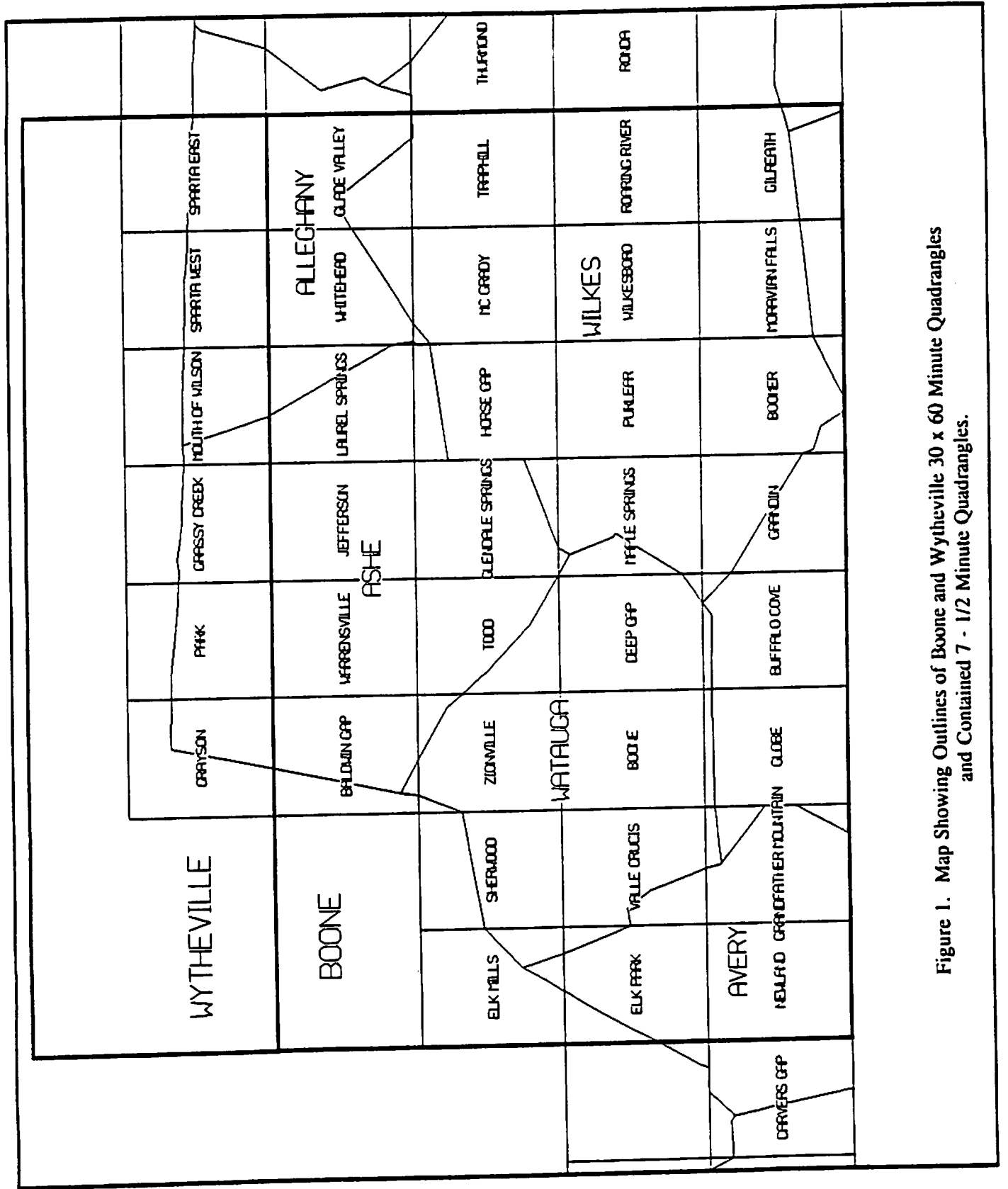


Figure 1. Map Showing Outlines of Boone and Wytheville 30 x 60 Minute Quadrangles and Contained 7 - 1/2 Minute Quadrangles.

Figure 2. Stream Sediment Sites - Boone and Wytheville 30 x 60 Minute Quadrangles

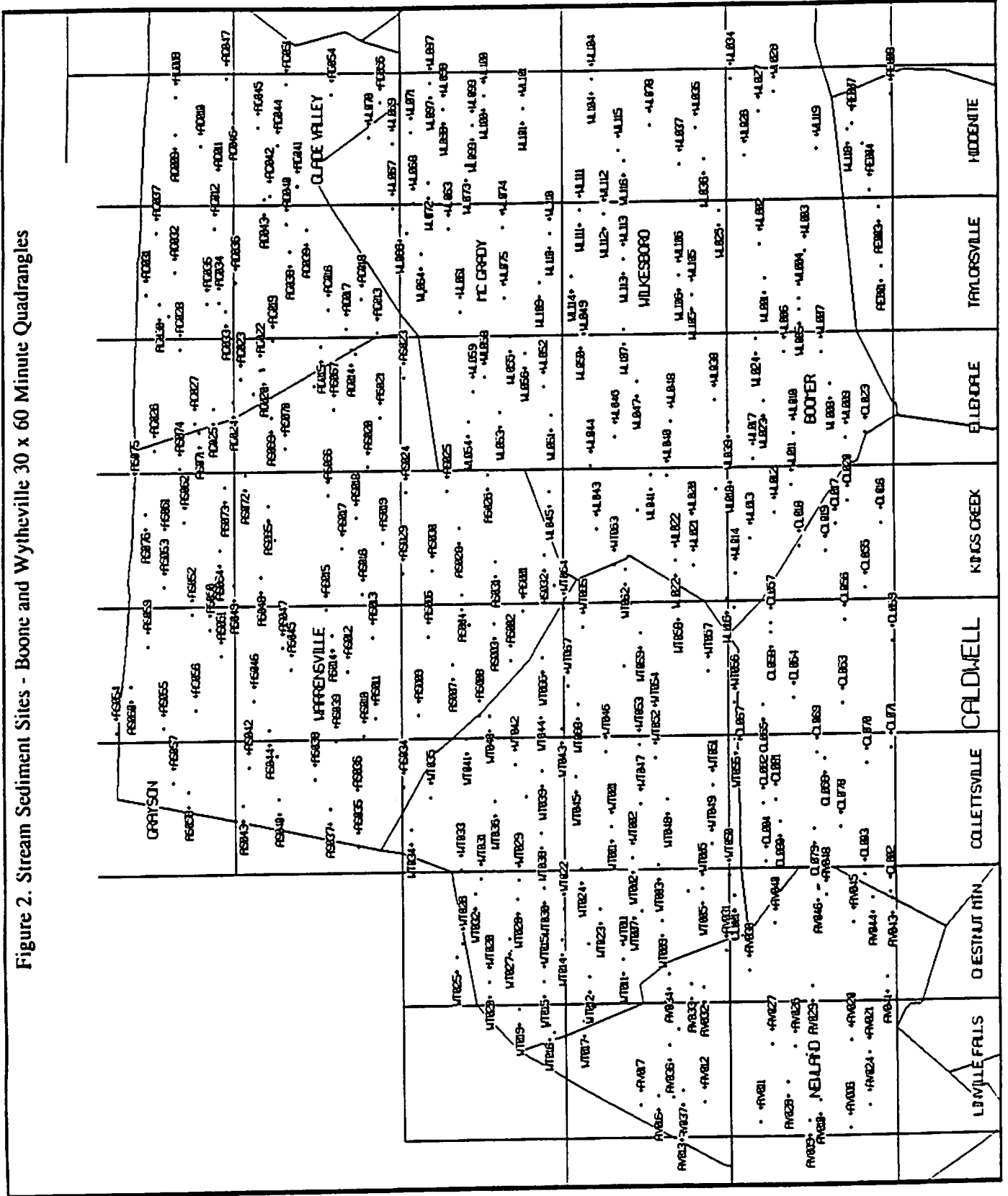
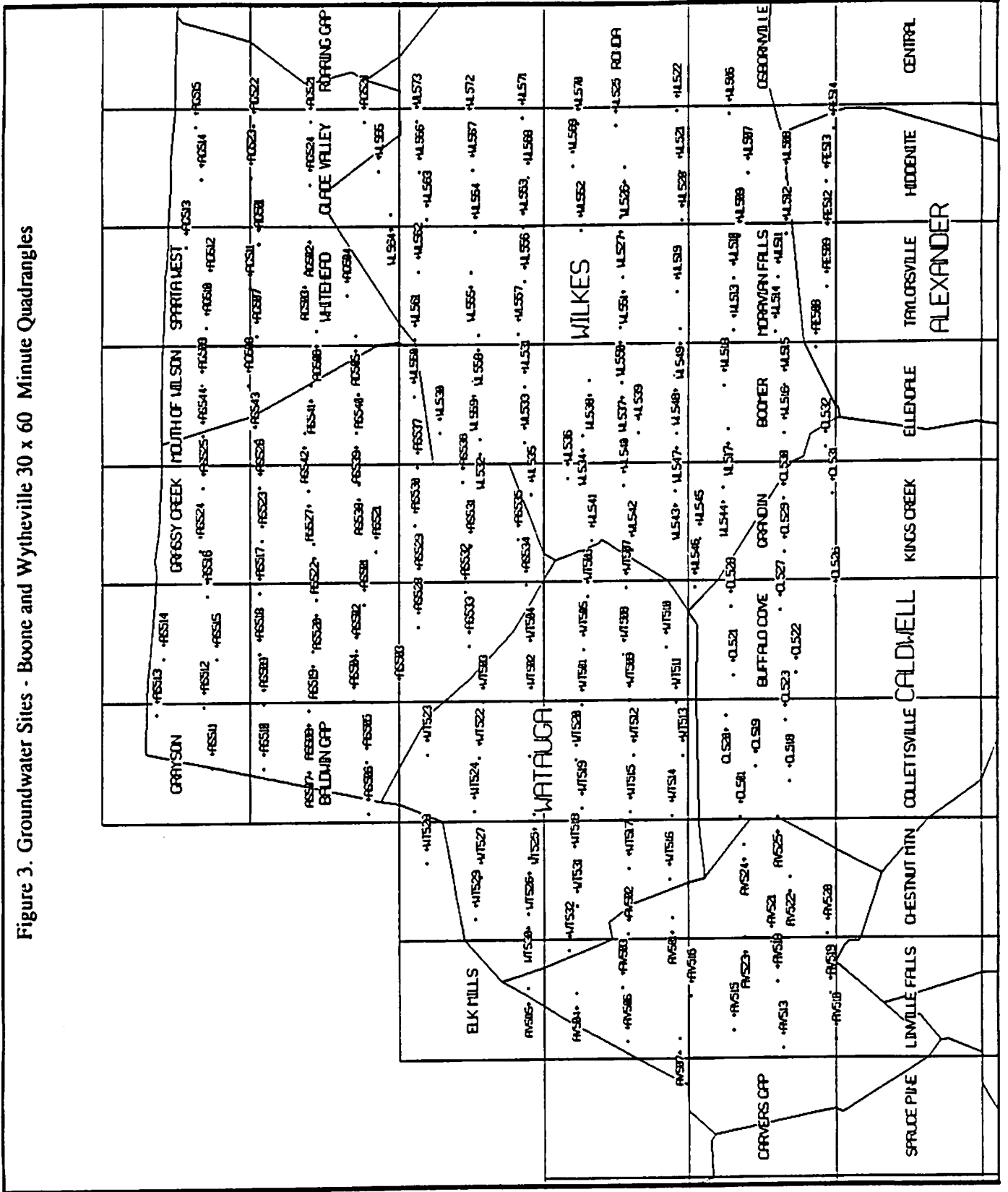


Figure 3. Groundwater Sites - Boone and Wytheville 30 x 60 Minute Quadrangles



BOONE 100K QUADRANGLE - STREAM SEDIMENT

| Lab # | County | Lat | Long | pH | Cond um/cm | U ppm | Th ppm | Hf ppm | Al ppm | Ce ppm | Fe ppm | Mn ppm | Na ppm | Sc ppm | Ti ppm | V ppm | Dy ppm | Eu ppm | La ppm | Sm ppm | Yb ppm | Lu ppm | Au ppm |
|-------|--------|---------|---------|-----|---------------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 1 | AE001 | 36.0090 | 81.1895 | 8.7 | 46 | 3.9 | 22 | 8 | 53400 | 101 | 28100 | 440 | 3400 | 3.5 | M | 50 | 2.3 | 1.5 | M | M | M | M | M |
| 3 | AE003 | 36.0109 | 81.1338 | 7.8 | 30 | 6.6 | 47 | 22 | 33100 | 195 | 18600 | 430 | 5600 | 3.3 | 3300 | 40 | 3 | 2.6 | M | M | M | M | M |
| 4 | AE004 | 36.0175 | 81.1177 | 8.0 | 32 | 11.1 | 48 | 44 | 39900 | 152 | 15900 | 410 | 4900 | 3.1 | 4700 | 30 | 2.2 | 0.9 | M | M | M | M | M |
| 6 | AE006 | 36.0230 | 81.0740 | 7.8 | 30 | 59.0 | 231 | 80 | 45200 | 945 | 31400 | 2340 | 6400 | 4.3 | 29600 | 50 | 21 | 2.7 | M | M | M | M | M |
| 7 | AE007 | 36.0305 | 81.0547 | 7.8 | 27 | 4.9 | 29 | 10 | 47400 | 126 | 26700 | 450 | 5300 | 3.2 | 4300 | 50 | 3.1 | 2.1 | M | M | M | M | M |
| 8 | AE008 | 36.0010 | 81.0269 | 7.4 | 40 | 3.3 | 4 | 8 | 66900 | 22 | 13500 | 430 | 15700 | 6.7 | 1400 | 60 | 1.1 | -1 | M | M | M | M | M |
| 27 | AE027 | 36.0085 | 81.2155 | 7.7 | 31 | 11.8 | 68 | 89 | 31300 | 294 | 27100 | 100 | 4500 | 2.7 | 2100 | 20 | 6.6 | 5.9 | 150 | 68 | 9.1 | 0.7 | |
| 72 | AG013 | 36.3923 | 81.2458 | 7.5 | 19 | 2.7 | 16 | 52 | 42000 | 56 | 92100 | 2000 | 10400 | 5.9 | 29200 | 200 | 2.2 | 2.3 | M | M | M | M | M |
| 73 | AG014 | 36.4123 | 81.2618 | 7.5 | 29 | 2.3 | -3 | 31 | 44000 | -20 | 50100 | 960 | 8800 | 5.6 | 3900 | 130 | 2.4 | 2.4 | M | M | M | M | M |
| 74 | AG015 | 36.4344 | 81.2584 | 7.4 | 21 | 3.0 | -3 | 32 | 57800 | -20 | 20200 | 490 | 9100 | 5.0 | 5100 | 60 | 1.7 | 2.1 | M | M | M | M | M |
| 75 | AG016 | 36.4292 | 81.2237 | 7.4 | 24 | 3.0 | -1 | 36 | 48900 | -20 | 44300 | 1600 | 11700 | 9.8 | 23100 | 200 | 1.5 | 0.8 | M | M | M | M | M |
| 76 | AG017 | 36.4155 | 81.2415 | 7.4 | 26 | 2.6 | -1 | 15 | 68600 | 24 | 17300 | 730 | 8900 | 6.2 | 5900 | 60 | 4.4 | 1.7 | M | M | M | M | M |
| 77 | AG018 | 36.4041 | 81.2144 | 7.4 | 21 | 3.1 | -1 | 23 | 51200 | -20 | 12000 | 2250 | 14700 | 5.3 | 41100 | 300 | 2.2 | 0.3 | M | M | M | M | M |
| 78 | AG019 | 36.4708 | 81.2521 | 7.3 | 19 | 1.7 | 5 | 15 | 40500 | 49 | 28000 | 3340 | 44100 | 5.6 | 3200 | 60 | M | 0.9 | M | M | M | M | M |
| 79 | AG020 | 36.4775 | 81.2785 | 7.1 | 23 | 2.0 | 13 | 14 | 43800 | -20 | 31700 | 3130 | 43900 | 10.8 | 3000 | 30 | 5.8 | 1.3 | M | 83 | 12.9 | -0.2 | |
| 80 | AG021 | 36.4855 | 81.3017 | 7.0 | 23 | 2.4 | 9 | 19 | 16900 | 31 | 23900 | 1140 | 19500 | 5.5 | 5500 | 20 | 0.7 | 1.9 | M | M | M | M | M |
| 81 | AG022 | 36.4801 | 81.2793 | 7.2 | 20 | 2.0 | -4 | 18 | 47400 | -20 | 28700 | 490 | 8100 | 5.9 | 3100 | 80 | 2.2 | 0.6 | M | M | M | M | M |
| 82 | AG023 | 36.4947 | 81.2881 | 7.2 | 21 | 2.9 | 9 | 33 | 41900 | 98 | 33000 | 610 | 8600 | 5.2 | 7100 | 70 | 2 | 1.6 | M | M | M | M | M |
| 95 | AG036 | 36.4986 | 81.1982 | 7.6 | 26 | 1.8 | -3 | 29 | 31700 | -20 | 29200 | 330 | M | 5.7 | 8200 | M | 2.5 | 0.8 | M | M | M | M | M |
| 97 | AG038 | 36.4580 | 81.1687 | 7.5 | 23 | 1.6 | 5 | 13 | 36100 | 46 | 36300 | 720 | 9500 | 5.9 | M | M | 1.9 | -1 | M | M | M | M | M |
| 98 | AG039 | 36.4456 | 81.1486 | 7.2 | 17 | 2.5 | -7 | 40 | 37800 | -26 | 79000 | 910 | M | 6.5 | 12600 | M | 2.8 | 3 | M | M | M | M | M |
| 99 | AG040 | 36.4604 | 81.1427 | 7.2 | 20 | 2.2 | -4 | 30 | 35400 | -20 | 57600 | 1040 | M | 6.8 | 13200 | M | 2.2 | 0.6 | M | M | M | M | M |
| 100 | AG041 | 36.4522 | 81.1076 | 7.0 | 20 | 1.9 | 5 | 14 | 31000 | 58 | 42900 | 720 | 5000 | 5.6 | 8400 | M | 1.9 | 1 | M | M | M | M | M |
| 101 | AG042 | 36.4728 | 81.1161 | 7.2 | 20 | 2.1 | -2 | 21 | 40800 | 32 | 32700 | 1260 | 8500 | 8.9 | 18300 | 80 | 2.1 | 0.7 | M | M | M | M | M |
| 102 | AG043 | 36.4771 | 81.1199 | 7.0 | 20 | 4.1 | -3 | 58 | 37000 | -20 | 85300 | 3340 | 11000 | 9.9 | 56200 | 170 | M | 2.7 | M | M | M | M | M |
| 103 | AG044 | 36.4668 | 81.0694 | 7.0 | 29 | 3.0 | -2 | 41 | 38600 | 22 | 50400 | 1890 | 8300 | 10.6 | 34800 | 190 | M | -1 | M | M | M | M | M |
| 104 | AG045 | 36.4814 | 81.0519 | 7.0 | 22 | 3.3 | -6 | 55 | 48500 | 116 | 79200 | 840 | M | 7.7 | M | 370 | M | 1.7 | M | M | M | M | M |
| 110 | AG051 | 36.4604 | 81.0106 | 7.0 | 15 | 1.5 | -3 | 8 | 28600 | 29 | 34800 | 570 | M | 4.0 | 17100 | 220 | 1.1 | -1 | M | M | M | M | M |
| 113 | AG054 | 36.4263 | 81.0207 | 5.9 | 15 | 1.3 | -4 | 7 | 18300 | -20 | 24700 | 510 | M | 3.6 | 10100 | 140 | 1.5 | -1 | M | M | M | M | M |
| 115 | AG056 | 36.3898 | 81.0287 | 6.2 | 20 | 4.5 | 15 | 15 | 13900 | 91 | 80800 | 2310 | M | 3.4 | 20600 | 190 | 3.4 | 2.2 | M | M | M | M | M |
| 250 | AS001 | 36.2817 | 81.5070 | 8.8 | 22 | 2.9 | 9 | 9 | 25300 | 65 | 26200 | 20 | 3200 | 3.7 | 3700 | 30 | 2.4 | 1.1 | M | M | M | M | M |
| 251 | AS002 | 36.2914 | 81.5531 | 7.6 | 32 | 1.9 | -2 | 27 | 19300 | -20 | 67700 | M | 900 | 20.8 | 700 | M | M | 0.5 | M | M | M | M | M |
| 252 | AS003 | 36.3037 | 81.5186 | 7.6 | 18 | 2.3 | -4 | 28 | 30200 | 41 | 27900 | 770 | 3300 | 5.0 | 7900 | 10 | 3.1 | -1 | M | M | M | M | M |
| 253 | AS004 | 36.3286 | 81.4913 | 7.5 | 16 | 2.3 | 4 | 21 | 24300 | 23 | 28900 | 160 | 2800 | 4.7 | 900 | 20 | 2.3 | -1 | M | M | M | M | M |

BOONE 100K QUADRANGLE - STREAM SEDIMENT

| Lab # | County | Lat | Long | pH | Concd | U | Th | Hf | Al | Ce | Fe | Mn | Na | Sc | Ti | V | Dy | Eu | La | Sm | Yb | Lu | Au |
|-------|--------|---------|---------|-----|-------|-----|-----|-----|-------|-----|--------|------|-------|------|-------|-----|-----|-----|-----|-----|-----|-----|------|
| ID | | | | | um/cm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| 254 | AS005 | 36.3227 | 81.5195 | 7.3 | 39 | 6.6 | 28 | 50 | 37800 | 173 | 70400 | M | 500 | 13.6 | 2600 | M | 6.5 | 2.6 | M | M | M | M | M |
| 255 | AS006 | 36.3543 | 81.5301 | 7.3 | 38 | 2.9 | 12 | 11 | 40900 | -20 | 72000 | 890 | 2900 | 16.9 | 12400 | 20 | 2.2 | 1.4 | M | M | M | M | M |
| 256 | AS007 | 36.3360 | 81.5561 | 7.3 | 34 | 1.1 | -4 | 3 | 39400 | -20 | 86000 | M | 500 | 17.9 | 8800 | 480 | 2 | -1 | M | M | M | M | M |
| 257 | AS008 | 36.3153 | 81.6040 | 7.2 | 44 | 2.2 | 5 | 19 | 43600 | -20 | 72300 | 850 | 3200 | 18.0 | 1900 | 500 | 3.2 | 0.8 | M | M | M | M | M |
| 258 | AS009 | 36.3619 | 81.6035 | 7.4 | 19 | 2.7 | -3 | 20 | 28500 | -20 | 72700 | 480 | 8800 | 14.6 | 8100 | 530 | 3.8 | 2.1 | M | M | M | M | M |
| 259 | AS010 | 36.4035 | 81.6220 | 7.2 | 20 | 0.9 | -2 | M | 32700 | 69 | 75600 | 700 | M | 49.9 | 3200 | 600 | 2.2 | -1 | M | M | M | M | -1.7 |
| 260 | AS011 | 36.3948 | 81.6053 | 7.1 | 40 | 1.3 | -4 | 9 | 46400 | -20 | 81200 | 340 | 6500 | 18.8 | 5800 | 520 | 1.9 | 1.2 | M | M | M | M | M |
| 261 | AS012 | 36.4155 | 81.5615 | 7.3 | 32 | 1.4 | -2 | 5 | 45700 | -20 | 81400 | M | 2500 | 20.8 | 5200 | 520 | 2.8 | -1 | M | M | M | M | M |
| 262 | AS013 | 36.3968 | 81.5301 | 7.2 | 39 | 3.1 | 9 | 28 | 45500 | 56 | 66600 | 830 | 1500 | 14.9 | 4700 | M | 4.3 | 1.5 | M | M | M | M | M |
| 263 | AS014 | 36.4270 | 81.5281 | 7.2 | 35 | 1.4 | 6 | 13 | 42200 | -20 | 74900 | 800 | 4900 | 18.8 | 4800 | M | 2.7 | 0.3 | M | M | M | M | M |
| 264 | AS015 | 36.4319 | 81.5039 | 7.6 | 83 | 1.5 | -4 | 7 | 43100 | 32 | 99000 | 1250 | M | 21.9 | 3800 | 560 | 3.4 | 2.5 | M | M | M | M | M |
| 265 | AS016 | 36.4041 | 81.4896 | 7.3 | 105 | 1.4 | -2 | 5 | 40200 | -20 | 105900 | 140 | 2900 | 17.4 | 22900 | 570 | 1.6 | 1.2 | M | M | M | M | M |
| 266 | AS017 | 36.4193 | 81.4474 | 8.9 | 58 | 3.3 | 18 | 5 | 43500 | -20 | 69000 | 640 | 9600 | 13.1 | 12200 | 270 | 3.2 | 2.1 | M | M | M | M | M |
| 267 | AS018 | 36.4090 | 81.4194 | 8.9 | 65 | 3.2 | 5 | 11 | 40700 | 89 | 77600 | 930 | 8700 | 15.1 | 19200 | 200 | 4.9 | 0.8 | M | M | M | M | M |
| 268 | AS019 | 36.3884 | 81.4429 | 8.9 | 52 | 1.5 | 10 | 7 | M | 39 | 57500 | M | 2400 | 16.5 | 4900 | 20 | M | 1.6 | M | M | M | M | M |
| 269 | AS020 | 36.3997 | 81.3713 | 8.7 | 18 | 1.9 | 5 | 23 | M | -20 | 29900 | M | M | 6.5 | 5800 | M | M | 0.5 | M | M | M | M | M |
| 270 | AS021 | 36.3904 | 81.3250 | 7.3 | 29 | 3.5 | 8 | 48 | 32700 | 51 | 93900 | 850 | M | 6.8 | 8000 | M | 2.3 | 0.8 | M | M | M | M | M |
| 271 | AS022 | 36.4087 | 81.2651 | 8.5 | 18 | 2.1 | 3 | 17 | 31000 | 23 | 53200 | 720 | 500 | 8.4 | 1400 | M | 2.3 | 0.8 | M | M | M | M | M |
| 272 | AS023 | 36.3723 | 81.2879 | 7.3 | 14 | 2.3 | -3 | 30 | 30100 | 30 | 43600 | 250 | 2900 | 6.3 | 11900 | M | 1 | 1.5 | M | M | M | M | M |
| 273 | AS024 | 36.3711 | 81.3959 | 7.1 | 25 | 2.5 | 6 | 24 | 35300 | 34 | 35200 | 440 | 800 | 5.2 | 3500 | M | 3.2 | 1.5 | M | M | M | M | M |
| 274 | AS025 | 36.3397 | 81.3948 | 7.2 | 27 | 2.3 | 6 | 18 | 25500 | 41 | 45400 | 680 | M | 5.0 | 7000 | 10 | 2.9 | 1.2 | M | M | M | M | M |
| 275 | AS026 | 36.3083 | 81.3796 | 7.3 | 19 | 1.6 | 7 | 6 | 23700 | 26 | 32300 | 430 | M | 4.4 | 4500 | M | 1.3 | 0.7 | M | M | M | M | M |
| 276 | AS027 | 36.3091 | 81.3943 | 7.3 | 15 | 2.0 | 12 | 6 | 45000 | 43 | 33200 | 950 | 7400 | 6.3 | 2100 | 110 | 2.6 | 1.4 | M | M | M | M | M |
| 277 | AS028 | 36.3307 | 81.4296 | 7.0 | 39 | 2.1 | -2 | 11 | 32700 | -20 | 44900 | 110 | 2800 | 8.8 | 6300 | 10 | 1.1 | 0.7 | M | M | M | M | M |
| 278 | AS029 | 36.3732 | 81.4711 | 7.2 | 52 | 1.8 | -4 | 4 | 46100 | 32 | 53200 | 950 | 7300 | 14.4 | 3000 | M | M | 1.6 | M | M | M | M | M |
| 279 | AS030 | 36.3512 | 81.4687 | 7.5 | 31 | 2.5 | 5 | 32 | 30600 | -20 | 45400 | 850 | 400 | 7.2 | 6100 | M | M | 0.8 | M | M | M | M | M |
| 280 | AS031 | 36.3027 | 81.4605 | 7.3 | 19 | 1.5 | -3 | 2 | 34000 | 28 | 28300 | 390 | M | 5.8 | M | M | M | 1.2 | M | M | M | M | M |
| 281 | AS032 | 36.2650 | 81.4555 | 7.6 | 11 | 1.9 | -2 | 1 | 35300 | 14 | 24700 | 390 | M | 5.5 | 2500 | M | M | -1 | M | M | M | M | M |
| 282 | AS033 | 36.2569 | 81.4835 | 7.3 | 12 | 2.0 | 7 | 8 | 29600 | -20 | 22200 | 330 | M | 3.7 | 3400 | M | M | 1.4 | M | M | M | M | M |
| 283 | AS034 | 36.3736 | 81.6701 | 8.6 | 32 | 1.9 | 9 | 9 | 47200 | 45 | 83300 | 610 | M | 16.7 | 2300 | 540 | 4.2 | 1.8 | M | M | M | M | M |
| 284 | AS035 | 36.4083 | 81.7255 | 8.3 | 46 | 3.8 | 36 | 35 | 50200 | 131 | 51200 | 740 | 15400 | 10.5 | 15100 | 60 | 4 | 2.1 | M | M | M | M | M |
| 285 | AS036 | 36.4089 | 81.6853 | 8.6 | 39 | 5.6 | 57 | 60 | 48600 | 203 | 56100 | 600 | 14800 | 8.4 | 7200 | 100 | 3.1 | 1.2 | M | M | M | M | M |
| 286 | AS037 | 36.4292 | 81.6898 | 7.4 | 34 | 3.9 | 11 | 30 | 52900 | 52 | 22000 | 200 | 6100 | 7.7 | 4500 | 70 | M | 0.7 | M | M | M | M | M |
| 287 | AS038 | 36.4404 | 81.6620 | 8.3 | 44 | 3.1 | 9 | 20 | 55700 | 83 | 59900 | 400 | 16700 | 11.9 | 3700 | 130 | 2.5 | 2.1 | M | M | M | M | M |

BOONE 100K QUADRANGLE - STREAM SEDIMENT

| Lab # | County | Lat | Long | pH | Cond um/cm | U ppm | Th ppm | Hf ppm | Al ppm | Ce ppm | Fe ppm | Mn ppm | Na ppm | Sc ppm | Ti ppm | V ppm | Dy ppm | Eu ppm | La ppm | Sm ppm | Yb ppm | Lu ppm | Au ppm |
|-------|--------|---------|---------|-----|---------------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 288 | AS039 | 36.4243 | 81.6268 | 7.7 | 38 | 2.2 | 10 | 13 | 42200 | 35 | 74500 | 780 | M | 13.6 | 8900 | M | 1.9 | 1.6 | M | M | M | M | M |
| 289 | AS040 | 36.4673 | 81.6801 | 8.7 | 39 | 3.1 | 6 | 19 | 42000 | 49 | 21100 | 540 | M | 6.4 | 4200 | M | 2.4 | 0.7 | M | M | M | M | M |
| 290 | AS041 | 36.4689 | 81.6401 | 7.6 | 35 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| 291 | AS042 | 36.4900 | 81.6500 | 7.7 | 26 | 5.1 | 15 | 42 | 43800 | 112 | 54300 | 710 | M | 11.5 | 3800 | M | 2.6 | 1.2 | M | M | M | M | M |
| 292 | AS043 | 36.4941 | 81.6860 | 7.2 | 24 | 5.2 | 22 | 29 | 45400 | 92 | 32100 | M | 700 | 4.9 | 4900 | M | 2.2 | 0.5 | M | M | M | M | M |
| 293 | AS044 | 36.4743 | 81.6159 | 8.4 | 39 | 2.6 | 23 | 19 | 32400 | 115 | 59400 | 420 | 17700 | 11.6 | 2500 | 90 | M | 2.7 | M | M | M | M | M |
| 294 | AS045 | 36.4580 | 81.5592 | 7.4 | 37 | 1.5 | 7 | 4 | 50300 | 120 | 55400 | 320 | 11000 | 10.5 | 2300 | 120 | M | 2.5 | M | M | M | M | M |
| 295 | AS046 | 36.4857 | 81.5882 | 7.7 | 47 | 3.1 | 6 | 23 | 37700 | 36 | 18900 | 500 | M | 5.7 | 7000 | M | 3.2 | 1 | M | M | M | M | M |
| 296 | AS047 | 36.4642 | 81.5393 | 7.6 | 43 | 1.6 | 14 | 12 | 33300 | 76 | 36900 | 390 | M | 5.8 | 2000 | M | 1.9 | 1.6 | M | M | M | M | M |
| 297 | AS048 | 36.4802 | 81.4732 | 8.3 | 33 | 1.7 | 10 | 4 | 60300 | 45 | 73700 | 430 | 12400 | 13.5 | 2500 | 140 | 2 | 0.7 | M | M | M | M | M |
| 312 | AS063 | 36.4702 | 81.4386 | 7.5 | 39 | 0.9 | -3 | 4 | 55600 | -20 | 81500 | 1380 | 13500 | 16.7 | 6600 | 250 | M | -1 | M | M | M | M | M |
| 314 | AS065 | 36.4746 | 81.4070 | 7.6 | 36 | 1.5 | 7 | 4 | 56700 | 39 | 76200 | 1270 | 5400 | 15.9 | 3400 | 230 | 1.2 | 1.4 | M | M | M | M | M |
| 315 | AS066 | 36.4299 | 81.3980 | 8.9 | 44 | 4.6 | 14 | 52 | 42200 | 52 | 55400 | 1180 | 12300 | 11.9 | 17000 | 150 | 5 | 1.6 | M | M | M | M | M |
| 316 | AS067 | 36.4251 | 81.3171 | 7.7 | 14 | 3.0 | 8 | 34 | 28800 | 28 | 25800 | 640 | 2600 | 3.6 | 9000 | 20 | M | 1.5 | M | M | M | M | M |
| 317 | AS068 | 36.4400 | 81.2949 | 7.4 | 20 | 2.1 | 6 | 11 | 35300 | -20 | 37600 | 260 | 3500 | 5.9 | 7200 | M | 1.2 | 2.5 | M | M | M | M | M |
| 318 | AS069 | 36.4723 | 81.3239 | 7.2 | 32 | 5.6 | 11 | 65 | 26500 | 83 | 34500 | 770 | 7000 | 4.6 | 9900 | 10 | 1.8 | -1 | M | M | M | M | M |
| 319 | AS070 | 36.4618 | 81.3535 | 7.1 | 45 | 2.7 | 9 | 5 | 48600 | 83 | 57200 | 320 | 2700 | 7.8 | 7100 | 180 | 3.4 | 2.9 | M | M | M | M | M |
| 321 | AS072 | 36.4919 | 81.3781 | 7.3 | 34 | 3.7 | 4 | 57 | 33300 | 23 | 38000 | 420 | M | 7.0 | 10600 | M | 3.9 | 1.4 | M | M | M | M | M |
| 331 | AV006 | 36.0357 | 81.9934 | 7.7 | 22 | 4.4 | 18 | 34 | 44600 | 118 | 46800 | 340 | M | 5.9 | 4600 | M | 2.9 | 2.1 | M | M | M | M | M |
| 334 | AV009 | 36.0662 | 81.9862 | 7.7 | 28 | 3.6 | 15 | 46 | 41400 | 82 | 46300 | 580 | M | 11.3 | 9700 | 310 | 4.4 | 2.9 | M | M | M | M | M |
| 335 | AV010 | 36.0584 | 81.9662 | 7.6 | 30 | 3.6 | 15 | 28 | 46100 | 89 | 52700 | 470 | 10500 | 11.6 | M | 360 | 3.5 | 2.8 | M | M | M | M | M |
| 336 | AV011 | 36.1028 | 81.9869 | 7.8 | 22 | 3.4 | -3 | 82 | 43500 | 80 | 91300 | 880 | 16900 | 13.9 | M | M | 5.3 | 2.5 | M | M | M | M | M |
| 337 | AV012 | 36.1450 | 81.9669 | 7.6 | 22 | 5.5 | 31 | M | 44100 | 132 | 50300 | 660 | M | 4.5 | M | M | 5.4 | 2.3 | M | M | M | M | M |
| 338 | AV013 | 36.1626 | 81.9891 | 7.3 | 48 | 4.8 | 29 | 86 | 41400 | 177 | 30300 | 500 | M | 7.7 | 2600 | M | 2.4 | 1.7 | M | M | M | M | M |
| 339 | AV014 | 36.1604 | 81.9816 | 7.8 | 25 | 1.9 | 8 | 21 | 42700 | 169 | 55800 | 500 | M | 5.8 | M | M | 4.6 | 2.2 | M | M | M | M | M |
| 340 | AV015 | 36.1690 | 81.9628 | 7.7 | 38 | 4.0 | 22 | 69 | 42000 | 166 | 63700 | 600 | M | 7.4 | 14200 | M | 4.9 | 2.4 | M | M | M | M | M |
| 341 | AV016 | 36.1803 | 81.9605 | 7.7 | 35 | 11.3 | 68 | 169 | 41200 | 251 | 37300 | 570 | M | 2.1 | 11500 | M | 6.2 | 1.6 | M | M | M | M | M |
| 342 | AV017 | 36.1935 | 81.9692 | 8.1 | 32 | 7.8 | 70 | 87 | 36200 | 268 | 152200 | 1040 | M | 6.2 | 8000 | M | 4.2 | 3.6 | M | M | M | M | M |
| 345 | AV020 | 36.0344 | 81.9108 | 7.3 | 28 | 3.4 | 20 | 21 | 41000 | 122 | 38500 | 370 | M | 8.1 | M | M | 1.5 | 3.9 | M | M | M | M | M |
| 346 | AV021 | 36.0212 | 81.9226 | 7.4 | 26 | 11.3 | 42 | 199 | 46500 | 219 | 34600 | 470 | 20300 | 15.8 | 4000 | M | 6 | 2.8 | M | M | M | M | M |
| 349 | AV024 | 36.0211 | 81.9716 | 7.5 | 28 | 4.5 | 22 | 22 | 42000 | 87 | 48100 | 610 | M | 10.7 | M | M | 3.7 | 3.3 | M | M | M | M | M |
| 350 | AV025 | 36.0678 | 81.9242 | 7.5 | 35 | 3.5 | 5 | 33 | 52000 | 90 | 48100 | 1090 | 17000 | 39.2 | 1600 | 150 | 3.7 | 3.4 | M | M | M | M | M |
| 351 | AV026 | 36.0764 | 81.9160 | 7.5 | 35 | 3.8 | 5 | 32 | 50000 | 52 | 54500 | 690 | 6400 | 6.9 | 12700 | 130 | 0.6 | 3.9 | M | M | M | M | M |
| 352 | AV027 | 36.0937 | 81.9136 | 7.5 | 18 | 2.6 | -1 | 21 | 39600 | 26 | 30000 | 970 | 8900 | 10.0 | 18600 | 160 | 1.6 | 1.4 | M | M | M | M | M |

BOONE 100K QUADRANGLE - STREAM SEDIMENT

| Lab # | County | Lat | Long | pH | Cond | U | Th | Hf | Al | Ce | Fe | Mn | Na | Sc | Ti | V | Dy | Eu | La | Sm | Yb | Lu | Au |
|-------|--------|---------|---------|-----|-------|------|-----|-----|-------|-----|--------|------|-------|------|-------|-----|------|-----|-----|-----|-----|-----|--------|
| ID | | | | | um/cm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| 353 | AV028 | 36.0822 | 81.9489 | 7.5 | 27 | 2.1 | -3 | 22 | 62600 | 25 | 27100 | 1640 | 18500 | 12.7 | 19300 | 200 | 2.5 | 1.9 | M | M | M | M | M -0.6 |
| 354 | AV029 | 36.0633 | 81.8603 | 7.6 | 15 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| 355 | AV030 | 36.1109 | 81.8453 | 7.4 | 38 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| 356 | AV031 | 36.1279 | 81.8271 | 7.5 | 21 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| 357 | AV032 | 36.1446 | 81.8607 | 7.7 | 35 | 5.7 | 19 | 55 | 56100 | 145 | 67900 | 1190 | 9200 | 8.2 | 23000 | 130 | 2.2 | 2.4 | M | M | M | M | M 1.1 |
| 358 | AV033 | 36.1542 | 81.8573 | 7.6 | 28 | 1.4 | -1 | 8 | 69300 | 93 | 124300 | 1140 | 11200 | 27.1 | 13400 | 200 | 1.1 | 3.5 | M | M | M | M | M 1.7 |
| 359 | AV034 | 36.1715 | 81.8478 | 7.7 | 31 | 7.7 | 48 | 36 | 45800 | 229 | 25600 | 650 | 12400 | 7.0 | 1100 | 40 | 1.8 | 3.8 | M | M | M | M | M 0.7 |
| 360 | AV035 | 36.1643 | 81.8990 | 7.6 | 76 | 5.6 | 35 | 25 | 60100 | 158 | 34500 | 630 | 11900 | 9.1 | 4900 | 70 | 4.3 | 1.8 | M | M | M | M | M -0.3 |
| 361 | AV036 | 36.1715 | 81.9138 | 7.7 | 32 | 13.5 | 107 | 112 | 51400 | 552 | 68000 | 1960 | 11200 | 8.7 | 26500 | 130 | 3.9 | 5.4 | M | M | M | M | M 3.4 |
| 362 | AV037 | 36.1614 | 81.9562 | 7.8 | 37 | 4.6 | 17 | 25 | 54700 | 161 | 131900 | 1340 | 17500 | 21.7 | 13100 | 120 | 1.8 | 2.6 | M | M | M | M | M -0.3 |
| 363 | AV038 | 36.2589 | 81.9006 | 7.7 | 31 | 5.5 | 28 | 19 | 62300 | 145 | 26600 | 990 | 12700 | 8.5 | 6700 | 30 | M | 2 | M | M | M | M | M 1.0 |
| 364 | AV039 | 36.2387 | 81.9038 | 7.8 | 20 | 11.2 | 56 | 37 | 72400 | 160 | 23600 | 520 | 19000 | 5.6 | M | M | 4 | 0.8 | M | M | M | M | M 1.3 |
| 365 | AV040 | 36.0907 | 81.8020 | 7.8 | 10 | 3.7 | 12 | 30 | 55600 | 103 | 38300 | 370 | 33300 | 7.6 | 3900 | 50 | 1.1 | 3.8 | M | M | M | M | M 1.3 |
| 366 | AV041 | 36.0072 | 81.8527 | 6.5 | 9 | 3.8 | 6 | 55 | 33700 | 42 | 11600 | 190 | 10500 | 4.9 | 3500 | 20 | M | -1 | M | M | M | M | M -0.3 |
| 368 | AV043 | 36.0032 | 81.7799 | 7.0 | 11 | 7.8 | 29 | 33 | 25200 | 123 | 37600 | 310 | 8400 | 7.3 | 14900 | 40 | 2.6 | 0.4 | M | M | M | M | M 1.0 |
| 369 | AV044 | 36.0179 | 81.7788 | 7.3 | 12 | 13.3 | 67 | 40 | 35700 | 386 | 29300 | 380 | 11300 | 6.9 | 6400 | 40 | 4.2 | 0.9 | M | M | M | M | M -0.8 |
| 370 | AV045 | 36.0321 | 81.8019 | 7.2 | 15 | 3.7 | 11 | 22 | 14000 | 77 | 43000 | 300 | 4100 | 11.7 | 19400 | 50 | 2.8 | 1.2 | M | M | M | M | M |
| 371 | AV046 | 36.0589 | 81.7670 | 7.7 | 19 | 7.6 | M | 30 | 34500 | M | M | 420 | 10600 | 2.3 | 1100 | 50 | 1.6 | M | M | M | M | M | M |
| 372 | AV047 | 36.0584 | 81.7702 | 7.7 | 12 | 5.2 | M | 18 | 38100 | M | M | 400 | 12500 | 4.1 | 3900 | 60 | 1.8 | M | M | M | M | M | M |
| 373 | AV048 | 36.0527 | 81.7761 | 7.4 | 15 | 4.7 | M | 22 | 47200 | M | M | 360 | 17500 | 1.7 | M | 60 | 4.2 | M | M | M | M | M | M |
| 1169 | CL001 | 36.1215 | 81.7762 | 7.8 | 10 | 2.8 | 5 | 39 | 21400 | 30 | 20700 | 120 | 4700 | 2.8 | M | M | 1.7 | 0.8 | M | M | M | M | M |
| 1170 | CL002 | 36.0044 | 81.7737 | 6.8 | 12 | 31.3 | 195 | 126 | 24600 | 939 | 36400 | 240 | 3200 | 4.5 | 17900 | M | 20.6 | -1 | M | M | M | M | M |
| 1171 | CL003 | 36.0235 | 81.7571 | 7.8 | 13 | 7.2 | 28 | 24 | 14300 | 171 | 5900 | 50 | 4500 | 1.1 | 600 | M | 2.9 | 4.4 | M | M | M | M | M |
| 1172 | CL004 | 36.0971 | 81.7436 | 7.4 | 16 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| 1184 | CL016 | 36.0103 | 81.4293 | 7.2 | 37 | 5.4 | 8 | 17 | 25900 | 41 | 6400 | 60 | 2400 | 3.9 | M | M | 4.1 | 0.3 | M | M | M | M | M |
| 1185 | CL017 | 36.0445 | 81.4296 | 7.4 | 33 | 9.9 | 23 | 87 | 26600 | 96 | 19200 | 70 | 4000 | 8.5 | 1100 | 20 | 6 | 1.6 | M | M | M | M | M |
| 1186 | CL018 | 36.0715 | 81.4496 | 7.6 | 18 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| 1187 | CL019 | 36.0520 | 81.4546 | 7.3 | 25 | 7.3 | 41 | 27 | 24900 | 255 | 34600 | 170 | 2700 | 3.9 | 1600 | 30 | 6.2 | 3.9 | M | M | M | M | M |
| 1188 | CL020 | 36.0350 | 81.4077 | 7.3 | 29 | 3.9 | 6 | 14 | 27200 | -20 | 15600 | 410 | 2000 | 2.1 | 23200 | 80 | 4.1 | -1 | M | M | M | M | M |
| 1191 | CL023 | 36.0214 | 81.3440 | 7.5 | 35 | 4.3 | 19 | 18 | 23400 | 104 | 35100 | 250 | M | 11.3 | 800 | 30 | 1.4 | -1 | M | M | M | M | M |
| 1223 | CL055 | 36.0220 | 81.4890 | 7.1 | 36 | 7.7 | 16 | 101 | 48400 | 77 | 24400 | 400 | M | 6.7 | 2500 | 40 | 2.7 | 1.3 | M | M | M | M | M |
| 1224 | CL056 | 36.0376 | 81.5188 | 7.3 | 21 | 13.9 | 46 | 142 | 48200 | 329 | 96300 | 1100 | M | 17.4 | 16600 | 220 | 13.9 | 4.2 | 82 | 63 | 7.3 | 1.8 | |
| 1225 | CL057 | 36.0929 | 81.5207 | 7.3 | 25 | 4.7 | 8 | 20 | 69100 | 134 | 39200 | 430 | 17900 | 18.5 | M | 50 | 4.8 | 4.5 | 31 | 31 | 4.0 | 0.6 | |
| 1226 | CL058 | 36.0927 | 81.5296 | 7.4 | 21 | 5.2 | 27 | 32 | 42900 | 131 | 31500 | 700 | 11000 | 3.2 | 5300 | 30 | 3.6 | 6.3 | 50 | 41 | 5.0 | 0.6 | |

BOONE 100K QUADRANGLE - STREAM SEDIMENT

| Lab # | County | Lat | Long | pH | Cond | U | Th | Hf | Al | Ce | Fe | Mn | Na | Sc | Ti | V | Dy | Eu | La | Sm | Yb | Lu | Au |
|-------|--------|---------|---------|-----|-------|------|-----|-----|-------|------|-------|-----|-------|------|------|-----|------|-----|-----|-----|------|------|-------|
| | ID | | | | um/cm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| 1227 | CL059 | 36.0018 | 81.5389 | 7.3 | 30 | 2.3 | 4 | 8 | 69800 | 48 | 62700 | 440 | 14500 | 8.2 | M | 30 | M | 1.6 | 21 | 8 | M | -0.2 | |
| 1231 | CL063 | 36.0392 | 81.5965 | 7.8 | 40 | 4.6 | 14 | 20 | 55200 | 76 | 20200 | 180 | 8700 | 4.6 | 2700 | 30 | 1.6 | 1.8 | 25 | 9 | M | -0.2 | |
| 1232 | CL064 | 36.0759 | 81.5908 | 7.8 | 22 | 2.7 | 14 | 14 | 37400 | 77 | 20900 | 170 | 5200 | 5.3 | 2100 | 20 | 2.3 | -1 | 27 | 15 | 11.7 | 0.5 | |
| 1233 | CL065 | 36.0991 | 81.5974 | 7.5 | 21 | 4.4 | 10 | 19 | 29500 | -20 | 20700 | 300 | M | 3.9 | 3500 | 40 | 2.7 | -1 | M | 6 | M | 0.4 | |
| 1234 | CL066 | 36.1195 | 81.6300 | 7.6 | 31 | 7.9 | 19 | 66 | 45000 | 118 | 30400 | 370 | 7900 | 5.3 | 3300 | 60 | 3.8 | -1 | 38 | 20 | 6.2 | 1.0 | 0.308 |
| 1235 | CL067 | 36.1167 | 81.6430 | 7.4 | 79 | 11.7 | 20 | 91 | 24500 | 143 | 28500 | 50 | 700 | 5.4 | 7300 | 10 | 3.9 | 2.1 | M | M | M | M | |
| 1236 | CL068 | 36.0530 | 81.6477 | 7.6 | 26 | 19.9 | 13 | 272 | 21600 | 49 | 15900 | M | 400 | 3.9 | M | 90 | 4.4 | 1.3 | M | M | M | M | |
| 1237 | CL069 | 36.0589 | 81.6427 | 7.6 | 38 | 5.7 | 7 | 43 | 30200 | 82 | 22700 | 480 | 13100 | 5.7 | 1200 | M | 2.7 | -1 | M | M | M | M | |
| 1238 | CL070 | 36.0215 | 81.6530 | 7.5 | 30 | 6.3 | 6 | 78 | 25000 | 44 | 12100 | M | 3700 | 4.7 | 3300 | 10 | 5.5 | 1 | M | M | M | M | |
| 1239 | CL071 | 36.0033 | 81.6389 | 7.7 | 22 | 7.6 | 47 | 97 | 38500 | 269 | 18300 | 340 | 12300 | 4.3 | 1700 | 30 | 5 | 2.1 | M | M | M | M | |
| 1246 | CL078 | 36.0408 | 81.7117 | 8.3 | 16 | 7.9 | 19 | 59 | 14900 | 95 | 15900 | 40 | 6400 | 2.4 | 6600 | 20 | 4.2 | -1 | M | M | M | M | |
| 1247 | CL079 | 36.0612 | 81.7134 | 7.7 | 21 | 4.6 | -2 | 32 | 23000 | 88 | 22800 | 130 | 5400 | 3.5 | 4600 | M | 2.3 | -1 | M | M | M | M | |
| 1248 | CL080 | 36.0867 | 81.7061 | 7.7 | 29 | 5.6 | 13 | 16 | 31700 | 48 | 22800 | 130 | 700 | 3.6 | 1100 | M | 3.7 | 1.1 | M | M | M | M | |
| 1249 | CL081 | 36.0898 | 81.6853 | 7.5 | 28 | 6.3 | 30 | 39 | 22200 | 169 | 24100 | 140 | 1800 | 3.8 | 1000 | 20 | 3.7 | 1.2 | M | M | M | M | |
| 1250 | CL082 | 36.0992 | 81.6887 | 7.4 | 30 | 9.4 | 31 | 33 | 20400 | 168 | 20900 | 260 | 8300 | 4.0 | 1900 | M | 4.9 | 1.2 | M | M | M | M | |
| 6247 | WL001 | 36.0969 | 81.1988 | 7.7 | 20 | 14.9 | 115 | 80 | 26500 | 401 | 16400 | 230 | 1300 | 4.4 | 2100 | 10 | 8.3 | 2.1 | M | M | M | M | |
| 6248 | WL002 | 36.1003 | 81.1664 | 7.8 | 16 | 9.3 | 47 | 48 | 31000 | 197 | 11900 | 170 | M | 5.9 | 2000 | M | 4.1 | 1.1 | M | M | M | M | |
| 6249 | WL003 | 36.0663 | 81.1737 | 7.7 | 15 | 22.1 | 214 | 105 | 31600 | 1005 | 21300 | 600 | 6500 | 4.5 | 2200 | M | 14.6 | M | M | M | M | M | |
| 6250 | WL004 | 36.0708 | 81.2187 | 7.9 | 14 | 10.1 | 54 | 38 | 44000 | 250 | 24300 | 460 | 6300 | 7.0 | 1000 | 50 | 5.9 | 0.5 | M | M | M | M | |
| 6251 | WL005 | 36.0705 | 81.2282 | 7.8 | 20 | 10.8 | 47 | 23 | 51200 | 237 | 18900 | 360 | 6700 | 5.4 | M | 40 | 6.4 | 2.3 | M | M | M | M | |
| 6252 | WL006 | 36.0820 | 81.2679 | 7.4 | 31 | 5.9 | 4 | 56 | 30200 | 16 | 15000 | 230 | 3000 | 7.6 | 2400 | 40 | 2.5 | 0.7 | M | M | M | M | |
| 6253 | WL007 | 36.0546 | 81.2682 | 7.6 | 21 | 18.6 | 109 | 65 | 38200 | 478 | 22900 | 460 | 2500 | 6.4 | 2300 | M | 9.1 | -1 | M | M | M | M | |
| 6254 | WL008 | 36.0478 | 81.2982 | 7.2 | 39 | 4.8 | 6 | 19 | 49700 | -20 | 20200 | 260 | 4400 | 4.9 | 1000 | 10 | 2.2 | -1 | M | M | M | M | |
| 6255 | WL009 | 36.0358 | 81.3482 | 7.5 | 25 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | |
| 6256 | WL010 | 36.0754 | 81.3441 | 7.3 | 27 | 5.4 | 8 | 54 | 23800 | 52 | 16300 | 50 | 1700 | 7.5 | 1800 | M | 4.6 | 1.4 | M | M | M | M | |
| 6257 | WL011 | 36.0769 | 81.3922 | 8.0 | 13 | 4.9 | 23 | 24 | 34900 | 118 | 33500 | 420 | M | 8.0 | 1600 | M | 3.2 | 2.5 | M | M | M | M | |
| 6258 | WL012 | 36.0900 | 81.4182 | 7.5 | 18 | 6.0 | 33 | 21 | 21200 | 122 | 42400 | 480 | 600 | 5.3 | 7100 | 160 | 5.4 | 1.9 | M | M | M | M | |
| 6259 | WL013 | 36.1086 | 81.4417 | 8.0 | 14 | 3.2 | 15 | M | 34700 | 83 | 35500 | 150 | 1400 | 5.9 | 3600 | 60 | 3 | 1.2 | M | M | M | M | |
| 6260 | WL014 | 36.1196 | 81.4741 | 7.9 | 25 | 4.4 | 10 | 10 | 44100 | 60 | 27100 | M | 3200 | 9.8 | 3600 | 10 | 3.9 | 1.2 | M | M | M | M | |
| 6261 | WL015 | 36.1204 | 81.5060 | 7.7 | 9 | 3.4 | 8 | 15 | 25000 | 60 | 13400 | 200 | M | 2.6 | 4600 | M | 2.4 | 2.4 | M | M | M | M | |
| 6262 | WL016 | 36.1263 | 81.4971 | 8.0 | 14 | 4.4 | 13 | 23 | 39700 | 77 | 41400 | 300 | 1600 | 10.5 | 2300 | M | 3 | 2.2 | M | M | M | M | |
| 6263 | WL017 | 36.1063 | 81.3672 | 7.6 | 27 | 5.6 | 22 | 47 | 28900 | 103 | 26500 | 140 | 8300 | 4.9 | 7300 | 10 | 4.2 | 2.1 | M | M | M | M | |
| 6264 | WL018 | 36.1234 | 81.3760 | 7.7 | 11 | 5.6 | 25 | 36 | 23800 | 80 | 28100 | 550 | 3200 | 3.9 | 6200 | 10 | 6.1 | 1.8 | M | M | M | M | |
| 6265 | WL019 | 36.1343 | 81.3959 | 7.6 | 10 | 3.8 | 10 | 18 | 32700 | 100 | 53900 | 660 | 4300 | 7.1 | 9100 | 40 | 4.4 | 1.7 | M | M | M | M | |

BOONE 100K QUADRANGLE - STREAM SEDIMENT

| Lab # | County | Lat | Long | pH | Cond um/cm | U ppm | Th ppm | Hf ppm | Al ppm | Ce ppm | Fe ppm | Mn ppm | Na ppm | Sc ppm | Ti ppm | V ppm | Dy ppm | Eu ppm | La ppm | Sm ppm | Yb ppm | Lu ppm | Au ppm |
|-------|--------|---------|---------|-----|---------------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 6266 | WV | 36.1522 | 81.4318 | 7.3 | 1 | 3.8 | 16 | 17 | 23500 | 85 | 60200 | 1120 | 5900 | 7.6 | 14500 | 90 | 3.2 | 2 | M | M | M | M | M |
| 6267 | WV | 36.1510 | 81.4660 | 7.8 | 8 | 3.3 | 14 | 20 | 23200 | 88 | 30300 | 1190 | 3900 | 5.3 | 4000 | 50 | 3.6 | 1.2 | M | M | M | M | M |
| 6268 | WV | 36.1650 | 81.4617 | 7.6 | 10 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| 6269 | WV | 36.1650 | 81.4617 | 7.6 | 10 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| 6270 | WV | 36.0982 | 81.3136 | 7.9 | 25 | 5.3 | 10 | 125 | 45800 | 40 | 30800 | 380 | 6000 | 5.7 | 2000 | 40 | 2.9 | 1.5 | M | M | M | M | M |
| 6271 | WV | 36.0982 | 81.3136 | 7.9 | 25 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| 6272 | WV | 36.1037 | 81.2555 | 7.7 | 20 | 6.2 | 21 | 34 | 46300 | 139 | 16700 | 340 | 3400 | 4.4 | 1600 | 20 | 8.3 | 2.5 | M | M | M | M | M |
| 6273 | WV | 36.1037 | 81.2555 | 7.7 | 20 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| 6274 | WV | 36.1308 | 81.1343 | 7.6 | 25 | 9.1 | 38 | 26 | 34100 | 214 | 22200 | 360 | 3200 | 5.0 | 2000 | 20 | 7.8 | 1 | M | M | M | M | M |
| 6275 | WV | 36.1116 | 81.0837 | 7.8 | 15 | 8.4 | 38 | 16 | 16300 | 152 | 13600 | 490 | 4000 | 2.2 | 1900 | 40 | 3.7 | 0.9 | M | M | M | M | M |
| 6276 | WV | 36.1011 | 81.0412 | 7.5 | 15 | 4.5 | 25 | 8 | 26000 | 90 | 12700 | 160 | 3300 | 2.2 | 3100 | 20 | 2.1 | 5.3 | M | M | M | M | M |
| 6277 | WV | 36.0891 | 81.0220 | 7.5 | 12 | 5.2 | 40 | 13 | 46500 | 141 | 9400 | 350 | 9000 | 1.7 | M | 10 | 2.2 | 0.8 | M | M | M | M | M |
| 6283 | WV | 36.1220 | 81.0096 | 7.3 | 21 | 3.7 | 14 | 29 | 31500 | 54 | 11400 | 1410 | 10400 | 2.6 | M | M | 1.9 | 1.9 | M | M | M | M | M |
| 6284 | WV | 36.1483 | 81.0563 | 7.2 | 26 | 14.5 | 81 | 30 | 27600 | 356 | 17800 | 250 | M | 6.1 | 2400 | 160 | 10.6 | 1.8 | M | M | M | M | M |
| 6285 | WV | 36.1423 | 81.0864 | 7.2 | 25 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| 6286 | WV | 36.1609 | 81.0912 | 7.3 | 28 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| 6287 | WV | 36.1349 | 81.3118 | 7.4 | 38 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| 6288 | WV | 36.1247 | 81.3328 | 7.7 | 23 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| 6289 | WV | 36.1711 | 81.3825 | 7.6 | 5 | 6.1 | 34 | 14 | 30400 | 186 | 34600 | 690 | 6100 | 5.9 | 7800 | 80 | 3.7 | 2.4 | M | M | M | M | M |
| 6290 | WV | 36.1834 | 81.3814 | 7.6 | 6 | 19.4 | 98 | 58 | 21800 | 457 | 71100 | 1270 | 200 | 7.5 | 21100 | 100 | 9.7 | 6.2 | M | M | M | M | M |
| 6291 | WV | 36.1931 | 81.4140 | 8.0 | 4 | 4.5 | 22 | 15 | 35200 | 127 | 30800 | 710 | 7500 | 5.1 | 7400 | 70 | 3 | 3 | M | M | M | M | M |
| 6292 | WV | 36.2249 | 81.4318 | 8.0 | 2 | 3.3 | 14 | 14 | 38700 | 53 | 28800 | 630 | 7800 | 6.3 | 6100 | 70 | 1.5 | 0.6 | M | M | M | M | M |
| 6293 | WV | 36.2291 | 81.3721 | 7.4 | 1 | 6.8 | 35 | 25 | 19300 | 175 | 35000 | 390 | 1500 | 4.9 | 14400 | 50 | 5.3 | 1.9 | M | M | M | M | M |
| 6294 | WV | 36.2608 | 81.3963 | 7.7 | M | 5.2 | 22 | 17 | 53000 | 104 | 38200 | 910 | 10400 | 4.3 | 10500 | 70 | 5.3 | 1.5 | M | M | M | M | M |
| 6295 | WV | 36.2103 | 81.3454 | 7.5 | 3 | 4.1 | 9 | 8 | 38700 | 45 | 22900 | 730 | 9100 | 4.6 | 9300 | 80 | 5 | 1 | M | M | M | M | M |
| 6296 | WV | 36.1936 | 81.2939 | 7.6 | 17 | 16.3 | 102 | 12 | 48200 | 634 | 78700 | 1720 | 9600 | 8.6 | 29500 | 270 | 15.7 | 7 | M | M | M | M | M |
| 6297 | WV | 36.1678 | 81.3310 | 7.1 | 22 | 10.9 | 39 | 14 | 54100 | 217 | 36300 | 1090 | 8700 | 5.9 | 17200 | 170 | 8.7 | 3.2 | M | M | M | M | M |
| 6298 | WV | 36.2343 | 81.2621 | 7.5 | 10 | 5.8 | 20 | 35 | 34800 | 75 | 71900 | 1970 | 8900 | 6.4 | 27100 | 160 | 4.8 | 1.5 | M | M | M | M | M |
| 6299 | WV | 36.2365 | 81.2483 | 7.3 | 12 | 3.8 | 15 | 8 | 48400 | 30 | 16700 | 440 | 9700 | 3.5 | 5900 | 50 | 1.3 | 1.4 | M | M | M | M | M |
| 6300 | WV | 36.2592 | 81.3245 | 7.7 | M | 8.8 | 42 | 16 | 33000 | 270 | 33300 | 1100 | 9200 | 3.3 | 11700 | 80 | 5.7 | 3.7 | M | M | M | M | M |
| 6301 | WV | 36.2649 | 81.2976 | 7.3 | 10 | 2.2 | -2 | 9 | 48300 | -20 | 32200 | 980 | 12500 | 5.8 | 9600 | 80 | 3.1 | 0.6 | M | M | M | M | M |
| 6302 | WV | 36.2986 | 81.3213 | 7.3 | 1 | 4.1 | 17 | 11 | 36100 | 110 | 39300 | 930 | 6300 | 4.1 | 12600 | 100 | 2.7 | 3.5 | M | M | M | M | M |
| 6303 | WV | 36.3232 | 81.3299 | 7.6 | 10 | 1.8 | 5 | 8 | 52500 | 43 | 36900 | 910 | 11200 | 6.9 | 10900 | 110 | 1.7 | 1.2 | M | M | M | M | M |
| 6304 | WV | 36.2907 | 81.2503 | 7.5 | 12 | 4.5 | 11 | 13 | 66500 | 67 | 17800 | 390 | 24900 | 2.8 | 3700 | 30 | 0.8 | 3.1 | M | M | M | M | M |

BOONE 100K QUADRANGLE - STREAM SEDIMENT

| Lab # | County | Lat | Long | pH | Cond um/cm | U ppm | Th ppm | Hf ppm | Al ppm | Ce ppm | Fe ppm | Mn ppm | Na ppm | Sc ppm | Ti ppm | V ppm | Dy ppm | Eu ppm | La ppm | Sm ppm | Yb ppm | Lu ppm | Au ppm |
|-------|--------|---------|---------|-----|---------------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 6305 | WL056 | 36.2796 | 81.2664 | 7.6 | 9 | 2.9 | -1 | 20 | 45400 | -20 | 42500 | 1290 | 10100 | 6.9 | 13400 | 120 | 3 | 0.5 | M | M | M | M | M |
| 6306 | WL057 | 36.2932 | 81.2813 | 7.6 | 8 | 2.4 | 8 | 16 | 45700 | 39 | 58000 | 1050 | 10700 | 4.4 | 12100 | 110 | 2.5 | 1.2 | M | M | M | M | M |
| 6307 | WL058 | 36.3104 | 81.2885 | 7.4 | 8 | 1.8 | 7 | 14 | 24800 | -20 | 30500 | 960 | 5400 | 3.9 | 13200 | 70 | 1.8 | -1 | M | M | M | M | M |
| 6308 | WL059 | 36.3194 | 81.3012 | 7.4 | 9 | 1.8 | 5 | 10 | 44600 | 57 | 47600 | 970 | 11400 | 5.0 | 12000 | 110 | 0.8 | 1 | M | M | M | M | M |
| 6309 | WL060 | 36.2898 | 81.2724 | 7.5 | 11 | 2.0 | 5 | 8 | 33900 | -20 | 24600 | 850 | 8800 | 3.1 | 9500 | 70 | 2.5 | 2 | M | M | M | M | M |
| 6310 | WL061 | 36.3293 | 81.2269 | 7.5 | 18 | 1.5 | 7 | 8 | 36500 | -20 | 33400 | 800 | 6000 | 4.2 | 2900 | 80 | 2.3 | 2 | M | M | M | M | M |
| 6311 | WL062 | 36.3552 | 81.2070 | 7.3 | 11 | 1.2 | -3 | 5 | 41300 | -20 | 72500 | 1250 | 3700 | 7.3 | 20800 | 310 | 1.6 | 1.2 | M | M | M | M | M |
| 6312 | WL063 | 36.3382 | 81.1486 | 7.4 | 12 | 1.8 | 14 | 10 | 33300 | 28 | 25700 | 540 | 8100 | 3.8 | 7700 | 50 | 0.8 | -1 | M | M | M | M | M |
| 6313 | WL064 | 36.3592 | 81.1724 | 7.5 | 11 | 1.0 | 3 | 5 | 24400 | -20 | 24700 | 670 | 5700 | 3.4 | 9000 | 60 | 2.4 | -1 | M | M | M | M | M |
| 6314 | WL065 | 36.3698 | 81.1523 | 7.4 | 4 | 1.3 | M | 6 | 28600 | 35 | 30200 | 860 | 6100 | 3.5 | 10300 | 80 | 1.5 | 1.5 | M | M | M | M | M |
| 6315 | WL066 | 36.3750 | 81.1453 | 7.7 | 1 | 1.8 | 5 | 8 | 42600 | -20 | 43200 | 1310 | 12600 | 4.0 | 12700 | 150 | 3 | -1 | M | M | M | M | M |
| 6316 | WL067 | 36.3807 | 81.1289 | 7.7 | 3 | 1.1 | -4 | 8 | 23400 | -22 | 28200 | 770 | 7800 | 1.8 | 7100 | 40 | M | -1 | M | M | M | M | M |
| 6317 | WL068 | 36.3648 | 81.1240 | 7.7 | 3 | 1.6 | -2 | 8 | 36600 | -20 | 30800 | 1070 | 10100 | 4.8 | 9500 | 100 | 2 | -1 | M | M | M | M | M |
| 6318 | WL069 | 36.3806 | 81.0685 | 7.6 | 5 | 1.3 | -5 | 5 | 40200 | 33 | 20800 | 570 | 14800 | 3.1 | 5200 | 40 | M | 1.1 | M | M | M | M | M |
| 6319 | WL070 | 36.3985 | 81.0624 | 7.4 | 3 | 1.2 | -2 | 6 | 28800 | -20 | 28400 | 860 | 8600 | 3.3 | 8800 | 70 | 2.8 | 0.9 | M | M | M | M | M |
| 6320 | WL071 | 36.3666 | 81.0575 | 7.2 | 10 | 2.0 | 18 | 9 | 40100 | 92 | 32200 | 1020 | 17300 | 3.9 | 9500 | 50 | 0.7 | -1 | M | M | M | M | M |
| 6321 | WL072 | 36.3532 | 81.1052 | 7.3 | 10 | 4.0 | 8 | 20 | 29400 | 58 | 13400 | 370 | 4100 | 4.0 | 4100 | 30 | 2.9 | -1 | M | M | M | M | M |
| 6322 | WL073 | 36.3241 | 81.0896 | 7.5 | 10 | 2.5 | 15 | 14 | 29300 | 85 | 46800 | 1130 | 9400 | 2.7 | 15000 | 80 | M | 1.6 | M | M | M | M | M |
| 6323 | WL074 | 36.2961 | 81.1479 | 7.4 | 10 | 3.1 | 5 | 12 | 33600 | 52 | 13900 | 340 | 8100 | 2.0 | 3700 | 30 | 3.5 | 0.6 | M | M | M | M | M |
| 6324 | WL075 | 36.2954 | 81.2147 | 7.5 | 15 | 4.5 | 14 | 19 | 53300 | -20 | 13900 | 400 | 14700 | 3.6 | 2400 | 30 | M | 1.5 | M | M | M | M | M |
| 6327 | WL078 | 36.1834 | 81.0530 | 7.6 | 37 | 4.6 | 18 | 26 | 28400 | 76 | 10300 | 370 | 4200 | 5.8 | 4100 | 40 | 4.3 | 0.5 | M | M | M | M | M |
| 6353 | WL097 | 36.3517 | 81.0104 | 7.6 | 38 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| 6352 | WL097 | 36.3517 | 81.0104 | 7.6 | 38 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| 6354 | WL098 | 36.3417 | 81.0357 | 7.5 | 22 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| 6355 | WL098 | 36.3417 | 81.0357 | 7.5 | 22 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| 6357 | WL099 | 36.3194 | 81.0513 | 7.7 | 8 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| 6356 | WL099 | 36.3194 | 81.0513 | 7.7 | 8 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| 6359 | WL100 | 36.3105 | 81.0233 | 7.7 | 25 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| 6358 | WL100 | 36.3105 | 81.0233 | 7.7 | 25 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| 6361 | WL101 | 36.2807 | 81.0360 | 7.3 | 15 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| 6360 | WL101 | 36.2807 | 81.0360 | 7.3 | 15 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| 6366 | WL104 | 36.2277 | 81.0081 | 7.4 | 11 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| 6367 | WL104 | 36.2277 | 81.0081 | 7.4 | 11 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| 6369 | WL105 | 36.1516 | 81.2133 | 7.4 | 11 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |

BOONE 100K QUADRANGLE - STREAM SEDIMENT

| Lab # | County | Lat | Long | pH | Cond um/cm | U ppm | Th ppm | Hf ppm | Al ppm | Ce ppm | Fe ppm | Mn ppm | Na ppm | Sc ppm | Ti ppm | V ppm | Dy ppm | Eu ppm | La ppm | Sm ppm | Yb ppm | Lu ppm | Au ppm |
|-------|--------|---------|---------|-----|---------------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 6368 | WL105 | 36.1516 | 81.2133 | 7.4 | 11 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| 6370 | WL106 | 36.1617 | 81.1952 | 7.3 | 20 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| 6371 | WL106 | 36.1617 | 81.1952 | 7.3 | 20 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| 6372 | WL107 | 36.2032 | 81.2448 | 7.4 | 21 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| 6373 | WL107 | 36.2032 | 81.2448 | 7.4 | 21 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| 6374 | WL108 | 36.2455 | 81.2211 | 7.8 | 19 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| 6375 | WL108 | 36.2455 | 81.2211 | 7.8 | 19 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| 6377 | WL109 | 36.2680 | 81.2000 | 7.5 | 13 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| 6376 | WL109 | 36.2680 | 81.2000 | 7.5 | 13 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| 6379 | WL110 | 36.2600 | 81.1539 | 7.6 | 20 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| 6378 | WL110 | 36.2600 | 81.1539 | 7.6 | 20 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| 6380 | WL111 | 36.2370 | 81.1324 | 7.3 | 11 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| 6381 | WL111 | 36.2370 | 81.1324 | 7.3 | 11 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| 6383 | WL112 | 36.2185 | 81.1364 | 7.6 | 20 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| 6382 | WL112 | 36.2185 | 81.1364 | 7.6 | 20 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| 6385 | WL113 | 36.2034 | 81.1790 | 7.7 | 15 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| 6384 | WL113 | 36.2034 | 81.1790 | 7.7 | 15 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| 6386 | WL114 | 36.2431 | 81.1952 | 7.5 | 20 | 4.0 | 20 | 23 | 38700 | 149 | 35100 | 540 | 10800 | 6.3 | 9900 | 60 | 1.2 | 5.2 | M | M | M | M | M |
| 6387 | WL115 | 36.2073 | 81.0769 | 7.6 | 20 | 3.7 | 4 | 52 | 22900 | -20 | 32500 | 730 | 5800 | 4.1 | 27100 | 30 | 1.3 | 2.5 | M | M | M | M | M |
| 6388 | WL116 | 36.2031 | 81.0871 | 7.5 | 20 | 3.3 | 8 | 35 | 25200 | 40 | 40500 | 840 | 2800 | 2.9 | 25700 | 40 | 1 | 2.6 | M | M | M | M | M |
| 6389 | WL117 | 36.0329 | 81.0910 | 8.8 | 20 | 6.7 | 26 | 17 | 41000 | 110 | 13700 | 420 | 5400 | 3.2 | 3400 | 40 | 2.7 | -1 | M | M | M | M | M |
| 6390 | WL118 | 36.0339 | 81.0600 | 7.9 | 12 | 24.8 | 193 | 53 | 39000 | 884 | 25000 | 740 | 6000 | 2.9 | 10100 | 40 | 7 | -1 | M | M | M | M | M |
| 6391 | WL119 | 36.0572 | 81.0783 | 8.2 | 18 | 9.7 | 38 | 27 | 37400 | 112 | 11200 | 360 | 4500 | 3.4 | 2500 | 40 | 2.8 | 0.9 | M | M | M | M | M |
| 6489 | WT001 | 36.2141 | 81.7093 | 8.7 | 79 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| 6488 | WT001 | 36.2141 | 81.7093 | 8.7 | 79 | 3.4 | M | 19 | 45300 | M | M | 940 | 19200 | 4.4 | 4700 | 80 | 4.1 | M | M | M | M | M | M |
| 6490 | WT002 | 36.1983 | 81.7390 | 7.8 | 50 | 3.4 | -2 | 8 | 62100 | 19 | -5000 | 670 | 17100 | 5.2 | 3700 | 80 | 2.9 | 2.5 | M | M | M | M | M |
| 6491 | WT002 | 36.1983 | 81.7390 | 7.8 | 50 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| 6493 | WT003 | 36.1786 | 81.7462 | 8.5 | 20 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| 6492 | WT003 | 36.1786 | 81.7462 | 8.5 | 20 | 6.8 | M | 47 | 48600 | M | M | 400 | 9500 | 4.2 | 4100 | 40 | 3 | M | M | M | M | M | M |
| 6495 | WT004 | 36.1561 | 81.7711 | 7.5 | 32 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| 6494 | WT004 | 36.1561 | 81.7711 | 7.5 | 32 | 4.7 | 3 | 11 | 68900 | 14 | -5000 | 780 | 17200 | 7.9 | 2400 | 80 | 0.4 | 1 | M | M | M | M | M |
| 6497 | WT005 | 36.1453 | 81.7690 | 7.5 | 12 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| 6496 | WT005 | 36.1453 | 81.7690 | 7.5 | 12 | 3.7 | M | 34 | 64500 | M | M | 720 | 11500 | 7.3 | 9300 | 150 | 3.3 | M | M | M | M | M | M |
| 6498 | WT006 | 36.1451 | 81.7968 | 7.0 | 38 | 4.5 | M | 14 | 71500 | M | M | 850 | 21100 | 8.9 | 4000 | 120 | 3.8 | M | M | M | M | M | M |

BOONE 100K QUADRANGLE - STREAM SEDIMENT

| Lab # | County | Lat | Long | pH | Cond µm/cm | U | Th | Hf | Al | Ce | Fe | Mn | Na | Sc | Ti | V | Dy | Eu | La | Sm | Yb | Lu | Au |
|-------|--------|---------|---------|-----|---------------|------|----|----|-------|-----|-------|------|-------|------|-------|-----|-----|-----|----|----|----|------|----|
| 6499 | WT006 | 36.1451 | 81.7968 | 7.0 | 38 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| 6501 | WT007 | 36.1975 | 81.7819 | 7.1 | 29 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| 6500 | WT007 | 36.1975 | 81.7819 | 7.1 | 29 | 6.3 | M | 28 | 42300 | M | M | 1050 | 9500 | 12.7 | 18400 | 160 | 1.3 | M | M | M | M | M | |
| 6502 | WT008 | 36.1912 | 81.7890 | 7.0 | 36 | 7.8 | M | 59 | 48700 | M | M | 950 | 8600 | 4.0 | 11900 | 60 | 2.1 | M | M | M | M | M | |
| 6503 | WT008 | 36.1912 | 81.7890 | 7.0 | 36 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | |
| 6505 | WT009 | 36.1763 | 81.7985 | 7.1 | 28 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | |
| 6504 | WT009 | 36.1763 | 81.7985 | 7.1 | 28 | 6.4 | 3 | 28 | 62400 | -20 | -5000 | 1130 | 8400 | 11.9 | 2400 | 170 | 1.9 | 0.5 | M | M | M | 0.9 | |
| 6506 | WT010 | 36.1997 | 81.8089 | 7.2 | 28 | 6.5 | M | 44 | 62400 | M | M | 890 | 12600 | 4.7 | 7400 | 70 | 2.9 | M | M | M | M | M | |
| 6507 | WT010 | 36.1997 | 81.8089 | 7.2 | 28 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | |
| 6509 | WT011 | 36.2060 | 81.8335 | 7.1 | 25 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | |
| 6508 | WT011 | 36.2060 | 81.8335 | 7.1 | 25 | 8.5 | M | 55 | 60800 | M | M | 580 | 18300 | 3.2 | 4400 | 40 | 2.3 | M | M | M | M | M | |
| 6511 | WT012 | 36.2321 | 81.8498 | 7.1 | 24 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | |
| 6510 | WT012 | 36.2321 | 81.8498 | 7.1 | 24 | 5.6 | -1 | 21 | 63500 | 26 | -5000 | 400 | 23500 | 0.8 | 4000 | 30 | 1.8 | 1.7 | M | M | M | -0.2 | |
| 6513 | WT013 | 36.2327 | 81.8190 | 7.0 | 33 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | |
| 6512 | WT013 | 36.2327 | 81.8190 | 7.0 | 33 | 10.2 | M | 34 | 51100 | M | M | 590 | 17600 | 2.8 | 2000 | 20 | 7.1 | M | M | M | M | M | |
| 6515 | WT014 | 36.2527 | 81.8149 | 6.9 | 43 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | |
| 6514 | WT014 | 36.2527 | 81.8149 | 6.9 | 43 | 2.9 | 16 | 19 | 52300 | 107 | 29400 | 430 | 18300 | 5.0 | 2500 | 40 | 1.6 | 1.6 | M | M | M | -2.4 | |
| 6517 | WT015 | 36.2666 | 81.8532 | 7.0 | 55 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | |
| 6516 | WT015 | 36.2666 | 81.8532 | 7.0 | 55 | 5.5 | 19 | 21 | 34400 | 69 | 17700 | 110 | 300 | 6.7 | 2200 | M | 1 | -1 | M | M | M | -1.1 | |
| 6519 | WT016 | 36.2630 | 81.8934 | 7.3 | 31 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | |
| 6518 | WT016 | 36.2630 | 81.8934 | 7.3 | 31 | 7.9 | 28 | 37 | 63000 | 113 | 29600 | 470 | 16300 | 4.0 | 3900 | M | 2.6 | 2.9 | M | M | M | -2.2 | |
| 6520 | WT017 | 36.2363 | 81.8904 | 7.0 | 30 | 4.1 | 9 | 17 | 62400 | 56 | 20900 | 330 | 17100 | 3.1 | 1600 | M | 1.6 | 1.2 | M | M | M | -0.2 | |
| 6521 | WT017 | 36.2363 | 81.8904 | 7.0 | 30 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | |
| 6522 | WT018 | 36.2284 | 81.8771 | 6.9 | 31 | 7.4 | 21 | 83 | 57800 | 98 | 25100 | 480 | 16600 | 6.6 | 4000 | M | 1.7 | 1.4 | M | M | M | 2.2 | |
| 6523 | WT018 | 36.2284 | 81.8771 | 6.9 | 31 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | |
| 6525 | WT019 | 36.2862 | 81.8789 | 7.0 | 32 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | |
| 6524 | WT019 | 36.2862 | 81.8789 | 7.0 | 32 | 10.6 | 20 | 45 | 63100 | 52 | 15100 | 500 | 7000 | 4.4 | 1800 | M | 4.3 | -1 | M | M | M | -1.3 | |
| 6526 | WT020 | 36.3088 | 81.8534 | 7.0 | 43 | 8.5 | 15 | 25 | 51900 | 39 | 24700 | M | M | 4.6 | M | M | M | 2 | M | M | M | M | |
| 6527 | WT020 | 36.3088 | 81.8534 | 7.0 | 43 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | |
| 6528 | WT021 | 36.2922 | 81.8269 | 7.2 | 55 | 7.2 | 18 | 14 | 39700 | 46 | 22200 | 270 | 7700 | 3.2 | M | M | 1.8 | 1.2 | M | M | M | M | |
| 6529 | WT021 | 36.2922 | 81.8269 | 7.2 | 55 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | |
| 6530 | WT022 | 36.2510 | 81.7858 | 8.8 | 92 | 1.8 | 6 | 7 | 41900 | 74 | 44300 | 490 | 9700 | 9.1 | 3500 | 50 | 2.6 | 2.4 | M | M | M | M | |
| 6531 | WT023 | 36.2234 | 81.7867 | 7.3 | 54 | 5.8 | 24 | 24 | 35700 | 83 | 20400 | M | 19800 | 3.1 | 1000 | 10 | 1.9 | 1 | M | M | M | M | |
| 6532 | WT024 | 36.2373 | 81.7487 | 8.9 | 68 | 2.5 | -2 | 17 | 43200 | 120 | 55300 | 230 | 5000 | 15.3 | 7400 | 50 | 5.7 | 3.7 | M | M | M | M | |

BOOME 100K QUADRANGLE - STREAM SEDIMENT

| Lab # | County | Lat | Long | pH | Cond um/cm | U ppm | Th ppm | Hf ppm | Al ppm | Ce ppm | Fe ppm | Mn ppm | Na ppm | Sc ppm | Ti ppm | V ppm | Dy ppm | Eu ppm | La ppm | Sm ppm | Yb ppm | Lu ppm | Au ppm |
|-------|--------|---------|---------|-----|---------------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 6533 | WT025 | 36.3338 | 81.8296 | 8.9 | 35 | 4.9 | 14 | 26 | 42000 | 84 | 25600 | 360 | 1500 | 2.4 | 2500 | 10 | 2.8 | -1 | M | M | M | M | M |
| 6534 | WT026 | 36.3289 | 81.8172 | 7.6 | 41 | 4.8 | 12 | 11 | 40000 | 36 | 23900 | 260 | 2700 | 3.2 | 1000 | 10 | M | 0.9 | M | M | M | M | M |
| 6535 | WT027 | 36.2935 | 81.8138 | 7.4 | 40 | 3.3 | 9 | 32 | 37100 | 109 | 29100 | 380 | 8800 | 1.9 | M | M | 1.5 | 1.3 | M | M | M | M | M |
| 6536 | WT028 | 36.2868 | 81.7768 | 7.2 | 39 | 2.9 | 15 | 19 | 25700 | 72 | 34300 | 400 | 2500 | 5.3 | 2600 | 30 | 2.2 | 1.5 | M | M | M | M | M |
| 6537 | WT029 | 36.2857 | 81.7587 | 7.1 | 91 | 2.4 | 17 | 13 | M | 102 | 48000 | 720 | 6400 | 8.4 | 7600 | 60 | 3 | 1.8 | M | M | M | M | M |
| 6538 | WT030 | 36.2660 | 81.7668 | 7.4 | 79 | 1.9 | 9 | 12 | 42200 | 140 | 58700 | 320 | 5900 | 12.3 | 6400 | 80 | M | 2.6 | M | M | M | M | M |
| 6539 | WT031 | 36.3146 | 81.7570 | 7.4 | 59 | 1.7 | 6 | 10 | 50900 | 98 | 65100 | 630 | 1600 | 10.1 | 4500 | M | 2.5 | 2.2 | M | M | M | M | M |
| 6540 | WT032 | 36.3193 | 81.7715 | 7.4 | 47 | 5.5 | 27 | 19 | 36700 | 102 | 27500 | 380 | 4100 | 4.6 | 1500 | 10 | 3.2 | 1.4 | M | M | M | M | M |
| 6541 | WT033 | 36.3300 | 81.7483 | 7.3 | 48 | 2.8 | -3 | 27 | 43100 | 167 | 81900 | 1170 | M | 14.4 | 20100 | 480 | 5.4 | 2.6 | M | M | M | M | M |
| 6542 | WT034 | 36.3680 | 81.7100 | 8.6 | 48 | 2.2 | -2 | 23 | 40200 | 119 | 64500 | 220 | 7300 | 12.0 | 9700 | M | 4.6 | 3.7 | M | M | M | M | M |
| 6543 | WT035 | 36.3531 | 81.6800 | 7.4 | 28 | 2.1 | -4 | 13 | 46000 | 66 | 86900 | M | M | 16.3 | 9700 | 540 | 4.3 | 2.2 | M | M | M | M | M |
| 6544 | WT036 | 36.3038 | 81.6840 | 7.3 | 32 | 1.8 | 8 | 3 | 60000 | 43 | 89500 | 260 | 4400 | 19.3 | 8300 | 210 | 2 | 0.9 | M | M | M | M | M |
| 6545 | WT037 | 36.2798 | 81.6798 | 7.2 | 24 | 3.2 | 10 | 30 | 46900 | 53 | 80900 | 810 | 1400 | 16.4 | 1400 | 550 | 4.7 | 1.6 | M | M | M | M | M |
| 6546 | WT038 | 36.2679 | 81.7146 | 7.2 | 28 | 3.7 | 6 | 14 | 41800 | 120 | 55500 | 320 | 1700 | 14.9 | 5300 | M | 5.3 | 1.2 | M | M | M | M | M |
| 6547 | WT039 | 36.2672 | 81.6569 | 7.1 | 34 | 3.5 | 5 | 47 | 40000 | 64 | 39000 | 670 | 6300 | 5.3 | 1300 | M | 3.2 | 1.2 | M | M | M | M | M |
| 6548 | WT040 | 36.3077 | 81.6047 | 7.2 | 38 | 2.2 | -2 | 13 | 48600 | -20 | 73000 | 300 | 9700 | 14.8 | 5300 | 130 | 2.2 | 1.2 | M | M | M | M | M |
| 6549 | WT041 | 36.3252 | 81.6259 | 7.0 | 39 | 2.3 | -4 | 17 | 25600 | 95 | 70000 | 140 | 4500 | 19.6 | 3300 | M | 3.9 | 0.9 | M | M | M | M | M |
| 6550 | WT042 | 36.2884 | 81.6501 | 7.1 | 40 | 2.2 | 8 | 19 | 56800 | -20 | 69000 | 420 | 6300 | 15.7 | 4300 | 80 | 3.4 | 1.2 | M | M | M | M | M |
| 6551 | WT043 | 36.2519 | 81.6171 | 7.2 | 32 | 2.5 | 20 | 16 | 51300 | 53 | 65200 | 1040 | 8900 | 12.3 | 9100 | 180 | 2.3 | 1.9 | M | M | M | M | M |
| 6552 | WT044 | 36.2679 | 81.5929 | 7.2 | 41 | 1.6 | -2 | 11 | 44700 | -20 | 62700 | 1210 | 9300 | 11.2 | 10600 | 190 | 1.8 | 0.7 | M | M | M | M | M |
| 6553 | WT045 | 36.2413 | 81.6625 | 7.2 | 28 | 7.1 | 24 | 27 | 40600 | 200 | 65100 | M | 19400 | 11.6 | 8400 | 360 | 5.4 | 4.6 | M | M | M | M | M |
| 6554 | WT046 | 36.2186 | 81.6395 | 7.1 | 49 | 5.7 | 12 | 37 | 36200 | 109 | 35200 | M | 4700 | 7.5 | 5300 | 10 | 4.2 | 1.9 | M | M | M | M | M |
| 6555 | WT047 | 36.1920 | 81.6881 | 9.0 | 18 | 3.8 | 14 | 23 | 29500 | 90 | 44300 | 90 | 15000 | 3.7 | 3200 | 220 | 5.2 | 0.9 | M | M | M | M | M |
| 6556 | WT048 | 36.1718 | 81.6843 | 8.8 | 17 | 4.8 | 7 | 14 | 48500 | 66 | 36700 | 460 | 16000 | 4.5 | 3400 | 40 | 4.4 | 1.5 | M | M | M | M | M |
| 6557 | WT049 | 36.1379 | 81.7268 | 7.4 | 7 | 4.8 | 7 | 25 | 40900 | 25 | 23800 | 410 | 13000 | 3.8 | 3300 | 240 | 4.4 | 3.9 | M | M | M | M | M |
| 6558 | WT050 | 36.1253 | 81.7561 | 7.6 | 9 | 3.2 | 6 | 35 | 25400 | 72 | 18200 | 50 | 11300 | 2.7 | 1000 | 10 | 4 | 1.1 | M | M | M | M | M |
| 6559 | WT051 | 36.1372 | 81.6716 | 6.8 | 46 | 7.2 | 16 | 29 | 38400 | 130 | 30500 | 350 | 11400 | 5.4 | 2200 | 80 | 2.2 | 1.6 | M | M | M | M | M |
| 6560 | WT052 | 36.1807 | 81.6456 | 7.1 | 28 | 10.4 | 12 | 92 | 27300 | 121 | 30100 | 570 | 7400 | 4.7 | 8300 | 50 | 3.7 | 1.9 | M | M | M | M | M |
| 6561 | WT053 | 36.1930 | 81.6332 | 7.0 | 21 | 8.1 | 13 | 61 | 27400 | 119 | 28000 | 320 | M | 4.1 | 2400 | 20 | 2.8 | -1 | M | M | M | M | M |
| 6562 | WT054 | 36.1810 | 81.6101 | 7.4 | 12 | 8.0 | 9 | 66 | 22500 | 109 | 21200 | 310 | 33200 | 3.5 | 3100 | 160 | 5.2 | 0.7 | M | M | M | M | M |
| 6563 | WT055 | 36.1198 | 81.6289 | 7.0 | 22 | 7.8 | 18 | 96 | 31600 | 147 | 34800 | M | M | 6.5 | 2000 | 280 | 4.7 | 2.8 | M | M | M | M | M |
| 6564 | WT056 | 36.1204 | 81.5950 | 7.0 | 24 | 2.1 | 8 | 7 | 39400 | 29 | 23100 | 280 | 3800 | 4.3 | 1600 | 30 | 2.9 | 0.8 | M | M | M | M | M |
| 6565 | WT057 | 36.1402 | 81.5651 | 7.3 | 28 | 3.0 | 8 | 10 | 27000 | 39 | 14800 | 190 | 55000 | 3.3 | M | 190 | 1.8 | 2.1 | M | M | M | M | M |
| 6566 | WT058 | 36.1631 | 81.5029 | 7.4 | 14 | 4.7 | 16 | 19 | 43300 | 40 | 25600 | 310 | 11500 | 3.6 | 1500 | 240 | 2.2 | 0.9 | M | M | M | M | M |

BOONE 100K QUADRANGLE - STREAM SEDIMENT

| Lab # | County | Lat | Long | pH | Cond | U | Th | Hf | Al | Ce | Fe | Mn | Na | Sc | Ti | V | Dy | Eu | La | Sm | Yb | Lu | Au | |
|-------|--------|---------|---------|-----|-------|-----|-----|-----|-------|-----|-------|-----|------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|---|
| ID | | | | | um/cm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | |
| 6567 | WT059 | 36.1917 | 81.5289 | 7.1 | 37 | 4.4 | 13 | 19 | 38500 | 77 | 38700 | 500 | 6500 | 8.8 | 4100 | 350 | 4.9 | 3 | M | M | M | M | M | M |
| 6568 | WT060 | 36.2038 | 81.5592 | 7.1 | 49 | 2.5 | 7 | 15 | 21700 | 40 | 40000 | 380 | 1900 | 6.3 | 2000 | 230 | 3.3 | 2.8 | M | M | M | M | M | M |
| 6569 | WT061 | 36.1990 | 81.5013 | 7.1 | 22 | 6.0 | 36 | 13 | 33600 | 218 | 29200 | 120 | 2800 | 3.4 | 6300 | 20 | 4.4 | 2.8 | M | M | M | M | M | M |
| 6570 | WT062 | 36.2030 | 81.4695 | 7.0 | 32 | 3.7 | 11 | 23 | 33900 | 33 | 26100 | 500 | 2500 | 5.2 | 4900 | 150 | 3.7 | 0.5 | M | M | M | M | M | M |
| 6571 | WT063 | 36.2113 | 81.4647 | 7.1 | 23 | 3.1 | 8 | 9 | 39600 | 84 | 26400 | 380 | 5500 | 4.1 | 2300 | 50 | 2.7 | 2.5 | M | M | M | M | M | M |
| 6572 | WT064 | 36.2501 | 81.5045 | 7.0 | 32 | 3.4 | 16 | 7 | 14000 | 85 | 14500 | 120 | 1100 | 3.2 | 3000 | 50 | 3.2 | 0.7 | M | M | M | M | M | M |
| 6573 | WT065 | 36.2354 | 81.5222 | 7.1 | 40 | 3.3 | 18 | 7 | 29500 | 69 | 28800 | 500 | 900 | 5.4 | 6600 | 40 | 4.4 | 1.6 | M | M | M | M | M | M |
| 6574 | WT066 | 36.2665 | 81.5504 | 7.0 | 28 | 2.0 | 5 | 9 | 27200 | 48 | 36900 | 80 | 4700 | 5.6 | 3900 | 40 | M | 2 | M | M | M | M | M | M |
| 6575 | WT067 | 36.2473 | 81.5778 | 7.1 | 62 | 2.0 | -1 | 13 | 22300 | -20 | 17700 | 280 | 400 | 3.2 | 3000 | 10 | 1.3 | -1 | M | M | M | M | M | M |
| 6576 | WT068 | 36.2398 | 81.5947 | 7.2 | 48 | 2.5 | 5 | 29 | 18300 | 39 | 21900 | M | 1200 | 3.3 | 3600 | 30 | 1.8 | -1 | M | M | M | M | M | M |

WYTHEVILLE QUADRANGLE - STREAM SEDIMENT

| Lab # | County | Lat | Long | pH | Cond | U | Th | Hf | Al | Ce | Fe | Mn | Na | Sc | Ti | V | Dy | Eu | La | Sm | Yb | Lu | Au |
|-------|--------|---------|---------|-----|-------|-----|-----|-----|-------|-----|--------|------|-------|------|-------|-----|-----|------|-----|-----|-----|-----|-----|
| ID | | | | | um/cm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| 67 | AG008 | 36.5433 | 81.0225 | 7.4 | 22 | 1.9 | -4 | 21 | 57500 | 68 | 52800 | 1070 | 12100 | 5.1 | 17300 | 130 | 2.6 | 1.0 | M | M | M | M | M |
| 68 | AG009 | 36.5436 | 81.0584 | 7.2 | 30 | 3.5 | 10 | 68 | 32600 | 60 | 30000 | 810 | 5800 | 3.9 | 9500 | 80 | 2.1 | 3.0 | M | M | M | M | M |
| 69 | AG010 | 36.5246 | 81.0704 | 7.4 | 25 | 3.8 | -3 | 45 | 30400 | 36 | 54500 | 1550 | 8700 | 9.2 | 22400 | 100 | 2.4 | 1.1 | M | M | M | M | M |
| 70 | AG011 | 36.5114 | 81.1051 | 7.3 | 20 | 2.7 | 5 | 29 | 46100 | -23 | 37600 | 630 | 7200 | 5.5 | 11800 | 60 | 3.6 | -1.0 | M | M | M | M | M |
| 71 | AG012 | 36.5141 | 81.1470 | 7.3 | 24 | 3.9 | -3 | 78 | 41100 | 44 | 28900 | 740 | 8400 | 7.2 | 9900 | 50 | 6.2 | 1.0 | M | M | M | M | M |
| 83 | AG024 | 36.5003 | 81.3091 | 7.1 | 38 | 2.7 | 7 | 43 | 48600 | -20 | 37400 | 770 | 8700 | 10.2 | 6600 | 110 | 3.0 | -1.0 | M | M | M | M | M |
| 84 | AG025 | 36.5158 | 81.3155 | 7.4 | 33 | 5.3 | -7 | 87 | 46300 | 81 | 66200 | 1300 | 12900 | 9.1 | 12800 | 160 | 6.3 | 3.5 | M | M | M | M | M |
| 85 | AG026 | 36.5599 | 81.3538 | 7.5 | 54 | 6.7 | 26 | 64 | 46500 | 149 | 36600 | 870 | 17000 | 7.9 | 2800 | 90 | 3.5 | 1.1 | M | M | M | M | M |
| 86 | AG027 | 36.5296 | 81.3287 | 7.6 | 43 | 2.3 | -6 | 11 | 65600 | 106 | 56600 | 990 | 22900 | 10.3 | 5600 | 80 | 5.0 | 3.1 | M | M | M | M | M |
| 87 | AG028 | 36.5403 | 81.2598 | 7.5 | 23 | 6.4 | 7 | 86 | 25300 | 36 | 23500 | 760 | 5400 | 4.6 | 19100 | 60 | 8.9 | 0.6 | M | M | M | M | M |
| 88 | AG029 | 36.5485 | 81.2286 | 7.3 | 39 | 3.4 | 9 | 48 | 35300 | -22 | 27300 | 560 | 5200 | 4.8 | 12900 | 70 | 3.5 | 3.2 | M | M | M | M | M |
| 89 | AG030 | 36.5553 | 81.2178 | 7.6 | 29 | 3.3 | -4 | 34 | 38200 | -20 | 35300 | 970 | 9500 | 9.1 | 13800 | 90 | 2.5 | 1.9 | M | M | M | M | M |
| 90 | AG031 | 36.5658 | 81.2086 | 7.6 | 31 | 3.5 | -5 | 60 | 41100 | 75 | 47400 | 820 | 9300 | 7.1 | 11500 | 80 | 3.3 | 1.7 | M | M | M | M | M |
| 91 | AG032 | 36.5443 | 81.1881 | 7.6 | 55 | 2.8 | -3 | 32 | 31400 | -20 | 35900 | 420 | M | 5.1 | 4700 | M | 2.5 | 1.0 | M | M | M | M | M |
| 92 | AG033 | 36.5059 | 81.2243 | 7.6 | 30 | 5.3 | 24 | 77 | 46100 | 74 | 63300 | 530 | 16800 | 7.8 | 4600 | M | 7.0 | -1.0 | M | M | M | M | M |
| 93 | AG034 | 36.5111 | 81.2167 | 7.4 | 23 | 4.1 | 6 | 54 | 34100 | -20 | 34800 | 730 | M | 5.1 | 10500 | M | 3.3 | 0.7 | M | M | M | M | M |
| 94 | AG035 | 36.5199 | 81.2176 | 7.4 | 25 | 2.8 | -7 | 58 | 33100 | -20 | 37400 | 400 | 10100 | 4.6 | 7300 | M | 1.6 | 1.7 | M | M | M | M | M |
| 96 | AG037 | 36.5577 | 81.1506 | 7.6 | 48 | 2.3 | -5 | 40 | 32700 | 33 | 47800 | 450 | M | 6.8 | 8500 | M | 2.9 | 2.1 | M | M | M | M | M |
| 105 | AG046 | 36.5004 | 81.0377 | 7.1 | 21 | 2.4 | -4 | 23 | 34000 | -20 | 112700 | 900 | M | 8.1 | 19600 | 370 | 2.6 | -1.0 | M | M | M | M | M |
| 106 | AG047 | 36.5056 | 81.0047 | 7.0 | 22 | 2.4 | 14 | 25 | 30400 | 42 | 49600 | 630 | M | 5.6 | 15200 | 200 | 1.6 | 1.7 | M | M | M | M | M |
| 298 | AS049 | 36.5004 | 81.4800 | 7.5 | 51 | 1.3 | 5 | 10 | 32800 | 52 | 14900 | 350 | M | 3.1 | 8900 | M | 1.5 | -1.0 | M | M | M | M | M |
| 299 | AS050 | 36.5187 | 81.5217 | 8.5 | 33 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| 300 | AS051 | 36.5106 | 81.5464 | 7.6 | 51 | 3.1 | 44 | 35 | 50000 | 164 | 46500 | 460 | 17800 | 8.2 | 1400 | 100 | M | 0.3 | M | M | M | M | M |
| 301 | AS052 | 36.5322 | 81.5068 | 7.4 | 59 | 3.7 | 12 | 42 | 36600 | 95 | 28100 | 360 | M | 8.1 | 2800 | M | 3.4 | 1.6 | M | M | M | M | M |
| 302 | AS053 | 36.5527 | 81.4813 | 8.9 | 32 | 4.6 | 47 | 57 | 38800 | 173 | 54400 | M | 400 | 7.7 | 13300 | M | 4.2 | 4.9 | M | M | M | M | M |
| 303 | AS054 | 36.5892 | 81.6164 | 7.4 | 16 | 2.3 | 7 | 37 | 52200 | 75 | 40600 | 400 | 6200 | 8.2 | 3000 | M | 5.8 | 1.6 | M | M | M | M | M |
| 304 | AS055 | 36.5538 | 81.6130 | 7.3 | 13 | 3.3 | 13 | 62 | 51800 | 170 | 30400 | 480 | 3300 | 2.1 | 7800 | M | 8.8 | 5.4 | M | M | M | M | M |
| 305 | AS056 | 36.5297 | 81.5960 | 7.3 | 29 | 4.1 | 31 | 47 | 28800 | 109 | 44500 | 230 | 6300 | 6.3 | 4100 | 80 | 2.4 | 2.0 | M | M | M | M | M |
| 306 | AS057 | 36.5463 | 81.6636 | 8.6 | 25 | 3.8 | 13 | 14 | 45200 | 101 | 52400 | 420 | 4600 | 9.5 | 5500 | M | 2.6 | 1.7 | M | M | M | M | M |
| 307 | AS058 | 36.5351 | 81.6721 | 7.4 | 20 | 3.8 | 14 | 52 | 53800 | 97 | 78900 | 550 | 5600 | 6.7 | 15600 | 140 | 3.2 | 1.2 | M | M | M | M | M |
| 308 | AS059 | 36.5656 | 81.5364 | 7.4 | 50 | 2.8 | 4 | 44 | 59200 | 73 | 60400 | 920 | 16500 | 10.1 | 1700 | 140 | 3.9 | 0.5 | M | M | M | M | M |
| 309 | AS060 | 36.5779 | 81.5734 | 8.8 | 22 | 3.6 | 13 | 53 | 57200 | 77 | 54600 | 800 | 13000 | 7.9 | 5300 | 70 | 1.8 | 1.2 | M | M | M | M | M |
| 310 | AS061 | 36.5522 | 81.4409 | 7.9 | 54 | 4.5 | 31 | 55 | 47000 | 104 | 34200 | 930 | 20300 | 8.9 | 4300 | 90 | 2.6 | 1.9 | M | M | M | M | M |
| 311 | AS062 | 36.5375 | 81.4214 | 7.8 | 48 | 3.1 | 24 | 38 | 38700 | 123 | 29000 | 590 | 10900 | 7 | 3900 | 70 | 2.6 | 1.4 | M | M | M | M | M |

WYTHEVILLE QUADRANGLE - STREAM SEDIMENT

| Lab # | County | Lat | Long | pH | Cond U | Th | Hf | Al | Ce | Fe | Mn | Na | Sc | Ti | V | Dy | Eu | La | Sm | Yb | Lu Au | |
|-------|--------|---------|---------|-----|--------|-----|-----|-------|-----|-------|------|-------|------|-------|-----|-----|-----|-----|-----|-----|-------|---|
| | ID | | | | um/cm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | |
| 313 | AS064 | 36.5114 | 81.4481 | 8.4 | 4.6 | 37 | 98 | 43800 | 214 | 43600 | 1180 | 12900 | 8.5 | 15500 | 80 | 3.7 | 1.6 | M | M | M | M | M |
| 320 | AS071 | 36.5261 | 81.3376 | 7.3 | 3.7 | 7 | 18 | 32400 | 79 | 44600 | 250 | 3600 | 8.4 | 7800 | M | 1.9 | 1.7 | M | M | M | M | M |
| 322 | AS073 | 36.5072 | 81.3894 | 7.3 | 4.7 | 10 | 18 | 36600 | 99 | 45100 | 200 | 14100 | 7 | 4600 | 70 | 4.4 | 2.1 | M | M | M | M | M |
| 323 | AS074 | 36.5409 | 81.3709 | 7.5 | 6.1 | 10 | 28 | 57700 | 64 | 47800 | 950 | 5000 | 13.1 | 2500 | M | 5.3 | 1.6 | M | M | M | M | M |
| 324 | AS075 | 36.5748 | 81.3884 | 7.3 | 6.2 | 24 | 74 | 23100 | 132 | 34700 | 420 | 11700 | 5.6 | 4600 | 70 | 2.8 | 1.9 | M | M | M | M | M |
| 325 | AS076 | 36.5668 | 81.4135 | 7.3 | 6.3 | 12 | 27 | 37200 | 32 | 55100 | 820 | 11900 | 8.4 | 5800 | M | 1.8 | 1.6 | M | M | M | M | M |

BOONE 100K QUADRANGLE - SUPPLEMENTAL STREAM SEDIMENT

| Lab # | County | Lat | Long | Ux | Ag | As | Ba | Be | Ca | Co | Cr | Cu | K | Li | Mg | Mo | Nb | Ni | P | Pb | Se | Sn | Sr | W | Y | Zn |
|-------|--------|---------|---------|-----|------|-----|-----|-----|------|-----|-----|-----|-------|-----|------|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|
| ID | | | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| 1 | AE001 | 36.0090 | 81.1895 | 1.0 | 0.7 | 0 | 110 | 1.5 | 200 | 8 | 9 | 10 | 9000 | 23 | 1050 | -2 | -5 | 12 | 800 | 10 | -1 | -5 | . | -2 | 5 | 45 |
| 3 | AE003 | 36.0109 | 81.1338 | 2.3 | 0.8 | 0 | 127 | 1.0 | 200 | 5 | 8 | 6 | 8000 | 9 | 850 | -2 | 15 | -5 | 800 | 10 | -1 | -5 | . | -2 | 45 | 20 |
| 4 | AE004 | 36.0175 | 81.1177 | 0.6 | 0.7 | 0 | 90 | 0.5 | 100 | -5 | 7 | 5 | 2000 | 6 | 1150 | -2 | 10 | -5 | 200 | 10 | -1 | -5 | . | -2 | 10 | 23 |
| 6 | AE006 | 36.0230 | 81.0740 | 8.7 | 0.7 | 0 | 130 | 1.5 | 100 | -5 | 12 | 3 | 14000 | 16 | 2000 | 3 | 15 | -5 | 1300 | -10 | -1 | 5 | . | -2 | 140 | 15 |
| 7 | AE007 | 36.0305 | 81.0547 | 1.2 | 0.6 | 0 | 102 | 1.5 | 300 | 5 | 8 | 6 | 15000 | 17 | 1200 | 2 | 20 | 5 | 900 | -10 | -1 | -5 | . | -2 | 10 | 30 |
| 8 | AE008 | 36.0010 | 81.0269 | 0.6 | 0.8 | 0 | 117 | 1.5 | 100 | 5 | 9 | 4 | 14000 | 8 | 1500 | 2 | 25 | -5 | 800 | -10 | -1 | -5 | . | -2 | -5 | 18 |
| 27 | AE027 | 36.0085 | 81.2155 | 2.3 | 0.3 | 1 | 210 | 1.0 | 100 | -5 | 9 | 3 | 10000 | 8 | 1150 | -2 | -5 | 5 | 300 | -10 | -1 | 10 | . | -2 | -5 | 18 |
| 72 | AG013 | 36.3923 | 81.2458 | 0.5 | 0.1 | | 67 | 1.5 | -100 | 5 | 6 | 8 | 9000 | 6 | 1350 | -2 | 60 | 12 | 500 | -10 | 5 | -5 | . | -2 | -5 | 25 |
| 73 | AG014 | 36.4123 | 81.2618 | 1.2 | 0.3 | 2 | 172 | 2.0 | -100 | 7 | 9 | 8 | 11000 | 11 | 1550 | 3 | 30 | 12 | 500 | -10 | 6 | -5 | . | -2 | -5 | 42 |
| 74 | AG015 | 36.4344 | 81.2584 | 3.1 | 0.8 | 1 | 125 | 2.0 | 100 | 5 | -5 | 6 | 14000 | 17 | 1950 | 3 | 20 | -5 | 300 | -10 | -1 | -5 | . | -2 | 5 | 45 |
| 75 | AG016 | 36.4292 | 81.2237 | 2.5 | 0.6 | | 142 | 2.0 | 400 | 5 | -5 | 6 | 10000 | -5 | 600 | -2 | 30 | 7 | 500 | -10 | -1 | 5 | . | -2 | -5 | 40 |
| 76 | AG017 | 36.4155 | 81.2415 | 3.1 | 0.8 | | 247 | 2.0 | 200 | 10 | -5 | 11 | 13000 | 15 | 750 | -2 | 20 | 10 | 500 | 10 | -1 | -5 | . | -2 | 5 | 70 |
| 77 | AG018 | 36.4041 | 81.2144 | 2.0 | 0.5 | 0 | 122 | 2.0 | 300 | -5 | -5 | 12 | 10000 | 7 | 2300 | -2 | 100 | 10 | 300 | -10 | -1 | -5 | . | -2 | -5 | 35 |
| 78 | AG019 | 36.4708 | 81.2521 | 1.2 | 0.3 | 2 | 130 | 1.0 | 100 | 10 | 7 | 9 | 9000 | 8 | 1400 | -2 | 15 | 15 | 500 | 10 | 2 | -5 | . | -2 | -5 | 47 |
| 79 | AG020 | 36.4775 | 81.2785 | 0.9 | 0.4 | 1 | 125 | 2.0 | -100 | 12 | 12 | 11 | 8000 | -5 | 3250 | -2 | 15 | 17 | 500 | 12 | 1 | 5 | . | -2 | -5 | 55 |
| 80 | AG021 | 36.4855 | 81.3017 | 1.2 | 0.4 | 1 | 97 | 1.5 | 100 | 7 | 25 | 7 | 4000 | -5 | 1500 | -2 | 15 | 12 | 600 | 10 | 5 | -5 | . | -2 | -5 | 40 |
| 81 | AG022 | 36.4801 | 81.2793 | 1.6 | 0.2 | | 152 | 1.0 | 100 | -5 | 8 | 5 | 5000 | -5 | 1100 | -2 | 25 | 12 | 600 | -10 | 7 | -5 | . | -2 | -5 | 15 |
| 82 | AG023 | 36.4947 | 81.2881 | 0.9 | 0.2 | | 147 | 1.5 | -100 | 5 | -5 | 5 | 10000 | -5 | 850 | -2 | 15 | 12 | 600 | -10 | 3 | -5 | . | -2 | -5 | 30 |
| 95 | AG036 | 36.4986 | 81.1982 | 0.3 | 0.2 | 1 | 65 | 1.0 | 100 | 5 | 8 | 6 | 11000 | 8 | 3000 | -2 | 10 | 22 | 600 | -10 | 1 | -5 | . | -2 | -5 | 30 |
| 97 | AG038 | 36.4580 | 81.1687 | 0.2 | 0.4 | | 157 | 2.0 | -100 | 5 | -5 | 7 | 10000 | 6 | 2750 | -2 | 15 | 12 | 600 | 10 | 2 | -5 | . | -2 | -5 | 40 |
| 98 | AG039 | 36.4456 | 81.1486 | 0.1 | 0.2 | | 120 | 1.5 | 100 | 7 | 6 | 7 | 9000 | 9 | 1500 | -2 | 90 | 12 | 600 | -10 | 2 | -5 | . | -2 | -5 | 30 |
| 99 | AG040 | 36.4604 | 81.1427 | 0.6 | 0.4 | 1 | 107 | 1.5 | 100 | 7 | 9 | 6 | 9000 | 6 | 2450 | -2 | 40 | 12 | 600 | -10 | 5 | -5 | . | -2 | -5 | 32 |
| 100 | AG041 | 36.4522 | 81.1076 | 0.5 | 0.4 | | 60 | 1.0 | -100 | 5 | 9 | 9 | 11000 | 14 | 2350 | -2 | 25 | 12 | 600 | -10 | 1 | -5 | . | -2 | -5 | 30 |
| 101 | AG042 | 36.4728 | 81.1161 | 1.4 | 0.7 | 0 | 65 | 1.5 | 100 | -5 | -5 | 7 | 9000 | 8 | 900 | 2 | 30 | 5 | 300 | -10 | -1 | -5 | . | -2 | -5 | 28 |
| 102 | AG043 | 36.4771 | 81.1199 | 2.1 | 0.5 | | 52 | 1.5 | 300 | -5 | -5 | 8 | 7000 | 5 | 2950 | -2 | 75 | -5 | 300 | -10 | -1 | -5 | . | -2 | -5 | 23 |
| 103 | AG044 | 36.4668 | 81.0694 | 2.8 | 0.4 | 0 | 70 | 1.5 | 100 | -5 | -5 | 8 | 8000 | 8 | 1150 | -2 | 35 | 5 | 300 | -10 | -1 | -5 | . | -2 | 5 | 23 |
| 104 | AG045 | 36.4814 | 81.0519 | 0.3 | 0.2 | | 140 | 1.5 | -100 | 12 | 8 | 14 | 18000 | 19 | 6000 | -2 | 30 | 20 | 700 | 10 | 3 | -5 | . | -2 | -5 | 50 |
| 110 | AG051 | 36.4604 | 81.0106 | 0.5 | 0.3 | | 35 | 1.5 | 100 | 7 | 8 | 6 | 10000 | 11 | 2550 | -2 | 20 | 12 | 600 | -10 | 3 | -5 | . | -2 | -5 | 30 |
| 113 | AG054 | 36.4263 | 81.0207 | 0.7 | 0.3 | | 15 | 1.0 | -100 | -5 | -5 | 6 | 5000 | 10 | 1850 | -2 | 25 | 12 | 500 | -10 | 3 | -5 | . | -2 | -5 | 20 |
| 115 | AG056 | 36.3898 | 81.0287 | 0.1 | 0.1 | | 7 | 1.5 | -100 | 5 | 6 | 4 | 3000 | 7 | 4050 | -2 | 50 | 10 | 400 | -10 | 5 | -5 | . | -2 | -5 | 15 |
| 250 | AS001 | 36.2817 | 81.5070 | 1.5 | -0.1 | 25 | 27 | 1.0 | 200 | -5 | 8 | 8 | 12000 | 12 | 2250 | -2 | 15 | 5 | 700 | -10 | 1 | -5 | . | 2 | -5 | 25 |
| 251 | AS002 | 36.2914 | 81.5531 | 1.0 | 0.2 | 1 | 117 | 0.5 | 300 | 5 | 18 | 7 | 5000 | 6 | 7450 | -2 | 25 | 7 | 800 | -10 | 4 | -5 | . | 2 | -5 | 22 |
| 252 | AS003 | 36.3037 | 81.5186 | 0.7 | 0.2 | | 25 | 1.0 | 100 | 7 | 8 | 7 | 10000 | 8 | 3150 | -2 | 15 | -5 | 800 | -10 | 1 | -5 | . | -2 | -5 | 22 |
| 253 | AS004 | 36.3286 | 81.4913 | 1.4 | 0.2 | 0 | 102 | 1.0 | 500 | 7 | 23 | 10 | 3000 | -5 | 5450 | 2 | 35 | 12 | 800 | -10 | 1 | -5 | . | 2 | -5 | 27 |

BOONE 100K QUADRANGLE - SUPPLEMENTAL STREAM SEDIMENT

| Lab # | County | Lat | Long | Ux | Ag | As | Ba | Be | Ca | Co | Cr | Cu | K | Li | Mg | Mo | Nb | Ni | P | Pb | Se | Sn | Sr | W | Y | Zn |
|-------|--------|---------|---------|-----|------|-----|-----|-----|------|-----|-----|-----|-------|-----|------|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|
| ID | | | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| 254 | AS005 | 36.3227 | 81.5195 | 1.0 | 0.4 | 0 | 110 | 2.0 | 100 | 5 | 8 | 9 | 17000 | 10 | 2700 | -2 | 5 | 7 | 900 | -10 | -1 | 5 | . | -2 | -5 | 40 |
| 255 | AS006 | 36.3543 | 81.5301 | 0.7 | 0.2 | 0 | 167 | 1.0 | 200 | 5 | 15 | 12 | 2000 | 5 | 4950 | -2 | 10 | 7 | 800 | -10 | 1 | -5 | . | -2 | 5 | 30 |
| 256 | AS007 | 36.3360 | 81.5561 | 0.3 | 0.2 | 0 | 132 | 0.5 | 500 | 5 | 14 | 17 | 1000 | 5 | 7450 | -2 | 10 | 7 | 900 | -10 | -1 | 15 | . | -2 | -5 | 22 |
| 257 | AS008 | 36.3153 | 81.6040 | 0.3 | 0.2 | 0 | 177 | 1.0 | 700 | 7 | 20 | 11 | 2000 | -5 | 5950 | -2 | 15 | 7 | 900 | 10 | 1 | -5 | . | -2 | -5 | 27 |
| 258 | AS009 | 36.3619 | 81.6035 | 0.6 | 0.4 | 0 | 230 | 1.0 | 200 | 7 | 19 | 19 | 2000 | -5 | 3450 | -2 | 30 | 10 | 900 | -10 | 1 | -5 | . | -2 | -5 | 30 |
| 259 | AS010 | 36.4035 | 81.6220 | 0.3 | 0.2 | 0 | 277 | 0.5 | 700 | 5 | 19 | 15 | 1000 | -5 | 5950 | -2 | 15 | 7 | 800 | -10 | -1 | -5 | . | -2 | -5 | 20 |
| 260 | AS011 | 36.3948 | 81.6053 | 0.3 | 0.2 | 0 | 175 | 0.5 | 800 | 5 | 20 | 16 | 1000 | 5 | 7950 | -2 | 20 | 7 | 800 | -10 | 2 | -5 | . | -2 | -5 | 25 |
| 261 | AS012 | 36.4155 | 81.5615 | 0.6 | 0.3 | 1 | 232 | 0.5 | 800 | 5 | 20 | 16 | 1000 | -5 | 4900 | -2 | 15 | 10 | 800 | -10 | 1 | 5 | . | -2 | 5 | 22 |
| 262 | AS013 | 36.3968 | 81.5301 | 1.0 | 0.3 | 0 | 150 | 1.0 | 600 | 10 | 17 | 13 | 2000 | -5 | 4950 | 2 | 25 | 7 | 900 | -10 | 1 | 5 | . | -2 | 5 | 27 |
| 263 | AS014 | 36.4270 | 81.5281 | 0.6 | -0.1 | 0 | 192 | 0.5 | 1100 | 7 | 19 | 16 | 1000 | -5 | 5950 | -2 | 20 | 7 | 1000 | -10 | 2 | -5 | . | -2 | 5 | 27 |
| 264 | AS015 | 36.4319 | 81.5039 | 0.5 | 0.2 | 0 | 200 | 1.0 | 1300 | 7 | 15 | 15 | 3000 | 5 | 4950 | 2 | 10 | 5 | 1100 | 15 | 2 | -5 | . | -2 | -5 | 32 |
| 265 | AS016 | 36.4041 | 81.4896 | 0.3 | 0.5 | 0 | 150 | 0.5 | 1700 | 10 | 13 | 21 | 2000 | -5 | 4950 | 2 | 15 | 7 | 1000 | 92 | 1 | 25 | . | -2 | -5 | 57 |
| 266 | AS017 | 36.4193 | 81.4474 | 0.7 | 0.5 | 0 | 110 | 2.0 | 200 | 20 | 11 | 26 | 2000 | -5 | 2650 | -2 | 25 | 10 | 1000 | 15 | 2 | -5 | . | -2 | 5 | 57 |
| 267 | AS018 | 36.4090 | 81.4194 | 1.0 | 0.3 | 0 | 125 | 1.0 | 800 | 10 | 14 | 13 | 2000 | -5 | 2100 | -2 | 25 | 7 | 1000 | 12 | -1 | 10 | . | -2 | -5 | 37 |
| 268 | AS019 | 36.3884 | 81.4429 | 1.0 | 0.3 | 0 | 87 | 1.0 | 300 | 10 | 14 | 17 | 3000 | 5 | 4350 | -2 | 15 | 10 | 600 | 12 | 1 | -5 | . | -2 | -5 | 42 |
| 269 | AS020 | 36.3997 | 81.3713 | 1.1 | 0.4 | 2 | 52 | 2.0 | 100 | 10 | 10 | 11 | 15000 | 14 | 1700 | -2 | 15 | 5 | 700 | -10 | 1 | -5 | . | -2 | 5 | 42 |
| 270 | AS021 | 36.3904 | 81.3250 | 1.4 | 0.4 | 0 | 120 | 1.5 | 200 | 12 | 9 | 32 | 10000 | 17 | 1850 | -2 | 40 | 10 | 600 | 12 | 2 | -5 | . | -2 | -5 | 50 |
| 271 | AS022 | 36.4087 | 81.2651 | 0.7 | 0.2 | 0 | 55 | 1.0 | 200 | 7 | 8 | 8 | 9000 | 7 | 2150 | -2 | 20 | 7 | 500 | -10 | 1 | -5 | . | 2 | -5 | 32 |
| 272 | AS023 | 36.3723 | 81.2879 | 1.4 | 0.3 | 1 | 40 | 1.5 | 200 | 7 | 6 | 15 | 9000 | 12 | 1450 | -2 | 15 | 12 | 700 | 12 | 3 | -5 | . | -2 | -5 | 55 |
| 273 | AS024 | 36.3711 | 81.3959 | 1.0 | 0.4 | 0 | 110 | 1.5 | 200 | 5 | 9 | 8 | 14000 | 12 | 1500 | -2 | 15 | 5 | 800 | 10 | 1 | -5 | . | -2 | -5 | 47 |
| 274 | AS025 | 36.3397 | 81.3948 | 0.3 | 0.3 | 1 | 140 | 1.0 | 200 | 7 | 7 | 11 | 15000 | 8 | 750 | -2 | 5 | 10 | 700 | 12 | 2 | -5 | . | 3 | 5 | 42 |
| 275 | AS026 | 36.3083 | 81.3796 | 1.0 | 0.3 | 0 | 25 | 1.0 | 200 | 7 | 7 | 19 | 11000 | 8 | 3650 | -2 | 5 | 7 | 700 | -10 | 2 | -5 | . | 3 | -5 | 32 |
| 276 | AS027 | 36.3091 | 81.3943 | 0.7 | 0.2 | 1 | 60 | 1.0 | 100 | 10 | 9 | 12 | 2000 | 11 | 2100 | -2 | 10 | 10 | 800 | -10 | 2 | -5 | . | -2 | -5 | 37 |
| 277 | AS028 | 36.3307 | 81.4296 | 0.7 | 0.2 | 0 | 57 | 1.0 | 300 | -5 | 9 | 9 | 10000 | 5 | 2800 | -2 | 15 | 5 | 900 | -10 | 1 | -5 | . | -2 | 10 | 30 |
| 278 | AS029 | 36.3732 | 81.4711 | 0.6 | 0.2 | 0 | 80 | 1.5 | 200 | 5 | 13 | 11 | 4000 | -5 | 2850 | -2 | 15 | 7 | 1000 | -10 | 1 | -5 | . | -2 | -5 | 30 |
| 279 | AS030 | 36.3512 | 81.4687 | 1.0 | 0.2 | 2 | 65 | 1.0 | 200 | -5 | 11 | 11 | 13000 | 2 | 4950 | -2 | 25 | 7 | 800 | 10 | 1 | -5 | . | 2 | -5 | 30 |
| 280 | AS031 | 36.3027 | 81.4605 | 0.7 | -0.1 | 1 | 55 | 1.0 | 200 | 5 | 10 | 10 | 11000 | 9 | 2500 | -2 | 5 | 10 | 800 | 10 | 1 | -5 | . | -2 | -5 | 30 |
| 281 | AS032 | 36.2650 | 81.4555 | 0.7 | 0.3 | 0 | 102 | 0.5 | 100 | 5 | 8 | 10 | 14000 | 11 | 2700 | -2 | 15 | 7 | 500 | 10 | 1 | -5 | . | -2 | 15 | 32 |
| 282 | AS033 | 36.2569 | 81.4835 | 1.2 | 0.3 | 0 | 117 | 1.0 | -100 | 7 | 7 | 9 | 13000 | 11 | 2350 | -2 | 15 | 7 | 900 | -10 | 1 | -5 | . | -2 | -5 | 30 |
| 283 | AS034 | 36.3736 | 81.6701 | 0.3 | 0.2 | 0 | 57 | 1.0 | 800 | 7 | 15 | 16 | 3000 | -5 | 5450 | -2 | 20 | 7 | 1000 | 12 | 2 | -5 | . | 2 | 5 | 37 |
| 284 | AS035 | 36.4083 | 81.7255 | 0.9 | 0.3 | 0 | 142 | 1.0 | 1300 | 10 | 9 | 7 | 6000 | -5 | 1800 | -2 | 15 | 10 | 1200 | 10 | 1 | -5 | . | -2 | -5 | 62 |
| 285 | AS036 | 36.4089 | 81.6853 | 1.4 | 0.3 | 0 | 105 | 1.0 | 1100 | 7 | 9 | 7 | 8000 | -5 | 3350 | -2 | 15 | 7 | 1100 | -10 | 1 | -5 | . | -2 | 15 | 47 |
| 286 | AS037 | 36.4292 | 81.6898 | 1.4 | 0.2 | 0 | 152 | 1.0 | 1400 | 7 | 7 | 10 | 8000 | -5 | 3250 | -2 | 20 | 10 | 1300 | 15 | 3 | -5 | . | -2 | 15 | 50 |
| 287 | AS038 | 36.4404 | 81.6620 | 0.9 | 0.2 | 0 | 117 | 1.5 | 900 | 15 | 10 | 13 | 10000 | -5 | 1700 | -2 | 15 | 17 | 1000 | 12 | 1 | -5 | . | -2 | -5 | 80 |

BOONE 100K QUADRANGLE - SUPPLEMENTAL STREAM SEDIMENT

| Lab # | County | Lat | Long | Ux | Ag | As | Ba | Be | Ca | Co | Cr | Cu | K | Li | Mg | Mo | Nb | Ni | P | Pb | Se | Sn | Sr | H | Y | Zn |
|-------|--------|---------|---------|-----|------|-----|-----|-----|------|-----|-----|-----|-------|-----|------|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|
| ID | | | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| 288 | AS039 | 36.4243 | 81.6248 | 0.3 | 0.2 | 0 | 137 | 0.5 | 700 | 5 | 8 | 10 | 6000 | -5 | 1950 | -2 | 15 | 5 | 800 | 10 | 2 | -5 | . | -2 | 5 | 45 |
| 289 | AS040 | 36.4673 | 81.6801 | 0.3 | 0.3 | 0 | 330 | 1.0 | 1100 | 12 | 6 | 11 | 9000 | -5 | 2700 | -2 | 10 | 15 | 1100 | 10 | 1 | -5 | . | 2 | 5 | 57 |
| 290 | AS041 | 36.4689 | 81.6401 | 0.3 | 0.5 | 0 | 172 | 1.0 | 1200 | 12 | 9 | 11 | 8000 | -5 | 2550 | -2 | 15 | 15 | 1900 | 12 | 2 | -5 | . | -2 | -5 | 60 |
| 291 | AS042 | 36.4900 | 81.6500 | 1.5 | 0.2 | 1 | 227 | 1.5 | 400 | 7 | 6 | 12 | 14000 | -5 | 1600 | -2 | 15 | 5 | 1200 | 12 | 4 | -5 | . | -2 | -5 | 50 |
| 292 | AS043 | 36.4941 | 81.6860 | 2.6 | 0.2 | 0 | 402 | 1.5 | 400 | -5 | 6 | 7 | 20000 | 5 | 800 | -2 | 20 | -5 | 800 | 15 | 2 | 5 | . | 3 | -5 | 45 |
| 293 | AS044 | 36.4743 | 81.6159 | 0.6 | 0.5 | 0 | 242 | 1.5 | 1500 | 12 | 7 | 14 | 8000 | -5 | 950 | -2 | 5 | 12 | 1300 | 12 | -1 | 5 | . | -2 | -5 | 70 |
| 294 | AS045 | 36.4580 | 81.5592 | 0.3 | 0.2 | 0 | 127 | 1.5 | 1400 | 10 | 10 | 20 | 6000 | -5 | 5450 | -2 | 10 | 12 | 1200 | 12 | 1 | 15 | . | -2 | -5 | 55 |
| 295 | AS046 | 36.4857 | 81.5882 | 0.9 | 0.4 | 0 | 130 | 1.0 | 600 | 12 | 8 | 9 | 9000 | -5 | 3850 | -2 | 10 | 10 | 1100 | 12 | 1 | -5 | . | -2 | -5 | 65 |
| 296 | AS047 | 36.4642 | 81.5393 | 1.1 | 0.4 | 0 | 125 | 1.0 | 600 | 10 | 7 | 10 | 6000 | -5 | 2150 | -2 | 5 | 10 | 900 | 10 | 1 | -5 | . | -2 | -5 | 47 |
| 297 | AS048 | 36.4802 | 81.4732 | 0.6 | 0.4 | 0 | 187 | 1.0 | 900 | 12 | 15 | 22 | 10000 | -5 | 1500 | -2 | 10 | 15 | 1000 | 15 | 1 | -5 | . | 2 | 10 | 67 |
| 312 | AS063 | 36.4702 | 81.4386 | 0.3 | 0.4 | 1 | 45 | 0.5 | 600 | 7 | 19 | 20 | 1000 | -5 | 5700 | -2 | -5 | 10 | 600 | 10 | -1 | -5 | . | -2 | -5 | 25 |
| 314 | AS065 | 36.4746 | 81.4070 | 0.3 | 0.2 | 1 | 110 | 1.0 | -100 | 20 | 12 | 27 | -1000 | 5 | 4450 | 2 | 25 | 15 | 600 | -10 | -1 | -5 | . | 2 | 10 | 35 |
| 315 | AS066 | 36.4299 | 81.3980 | 0.3 | 0.5 | 1 | 92 | 1.0 | 100 | 5 | 12 | 10 | 4000 | -5 | 2850 | 2 | 25 | 7 | 1000 | -10 | -1 | -5 | . | 2 | 15 | 35 |
| 317 | AS067 | 36.4251 | 81.3171 | 0.3 | 0.3 | 0 | 82 | 1.0 | -100 | 5 | 7 | 4 | 10000 | 11 | 2300 | 2 | 10 | 5 | 700 | -10 | -1 | -5 | . | -2 | 5 | 22 |
| 318 | AS068 | 36.4400 | 81.2949 | 0.7 | 0.4 | 0 | 162 | 1.5 | -100 | 5 | 7 | 9 | 9000 | 12 | 2400 | -2 | 15 | 10 | 700 | -10 | -1 | -5 | . | 2 | 35 | 45 |
| 319 | AS069 | 36.4723 | 81.3239 | 1.3 | -0.1 | 1 | 75 | 1.0 | -100 | -5 | 8 | 5 | 9000 | -5 | 3000 | 3 | 25 | 5 | 900 | -10 | 1 | -5 | . | -2 | 20 | 27 |
| 320 | AS070 | 36.4618 | 81.3535 | 0.7 | 0.4 | 1 | 120 | 2.0 | -100 | 10 | 9 | 12 | 6000 | 7 | 4450 | -2 | 30 | 12 | 900 | -10 | -1 | -5 | . | -2 | 10 | 40 |
| 322 | AS072 | 36.4919 | 81.3781 | 1.0 | -0.1 | 1 | 117 | 1.5 | -100 | 7 | 11 | 9 | 7000 | -5 | 2200 | 2 | 25 | 7 | 1000 | -10 | 3 | -5 | . | -2 | 25 | 42 |
| 333 | AV006 | 36.0357 | 81.9934 | . | -0.5 | . | 100 | 2.0 | . | 9 | 5 | 10 | 7000 | 5 | 550 | -5 | 100 | 10 | 500 | -10 | -10 | -5 | . | 3 | 5 | 38 |
| 336 | AV009 | 36.0662 | 81.9862 | . | -0.5 | . | 148 | 1.5 | . | 12 | -5 | 11 | 11000 | -5 | 2200 | -5 | 35 | 8 | 500 | -10 | -10 | 5 | . | -2 | -5 | 43 |
| 337 | AV010 | 36.0584 | 81.9662 | . | -0.5 | . | 163 | 1.5 | . | 15 | -5 | 20 | 4000 | -5 | 2150 | -5 | 60 | 11 | 400 | -10 | -10 | 5 | . | -2 | 20 | 38 |
| 338 | AV011 | 36.1028 | 81.9869 | . | -0.5 | . | 218 | 1.5 | . | 16 | -5 | 16 | 11000 | 5 | 3150 | -5 | 40 | 8 | 1100 | 10 | 10 | 20 | . | -2 | 10 | 53 |
| 339 | AV012 | 36.1450 | 81.9669 | . | -0.5 | . | 73 | 1.5 | . | 9 | -5 | 7 | 21000 | 10 | 3000 | -5 | 50 | 5 | 700 | 12 | 15 | 15 | . | -2 | 15 | 53 |
| 340 | AV013 | 36.1626 | 81.9891 | . | -0.5 | . | 28 | 1.0 | . | 8 | -5 | 8 | 24000 | 5 | 2300 | -5 | 50 | 5 | 500 | 12 | 5 | 5 | . | -2 | 25 | 53 |
| 341 | AV014 | 36.1604 | 81.9816 | . | -0.5 | . | 125 | 1.5 | . | 9 | -5 | 8 | 19000 | 5 | 1450 | -5 | 40 | 8 | 600 | 10 | 5 | 5 | . | -2 | 10 | 63 |
| 342 | AV015 | 36.1690 | 81.9628 | . | -0.5 | . | 185 | 1.0 | . | 11 | -5 | 10 | 18000 | 5 | 1200 | -5 | 40 | 6 | 800 | 15 | 10 | 10 | . | -2 | 45 | 65 |
| 343 | AV016 | 36.1803 | 81.9605 | . | -0.5 | . | 110 | 1.0 | . | 5 | -5 | 6 | 29000 | 5 | 650 | -5 | 110 | 5 | 500 | 12 | -5 | -5 | . | -2 | 40 | 80 |
| 344 | AV017 | 36.1935 | 81.9692 | . | 0.5 | . | 190 | 1.5 | . | 8 | -5 | 8 | 15000 | 5 | 1300 | -5 | 45 | 7 | 1000 | 12 | 25 | 25 | . | -2 | 15 | 63 |
| 347 | AV020 | 36.0344 | 81.9108 | . | -0.5 | . | 105 | 1.0 | . | 10 | -5 | 8 | 16000 | 10 | 1400 | -5 | 30 | 6 | 700 | 12 | 10 | 10 | . | -2 | 5 | 53 |
| 348 | AV021 | 36.0212 | 81.9226 | . | -0.5 | . | 185 | 1.0 | . | 6 | -5 | 8 | 12000 | 5 | 700 | -5 | 35 | 5 | 500 | -10 | -10 | 10 | . | -2 | -5 | 48 |
| 351 | AV024 | 36.0211 | 81.9716 | . | -0.5 | . | 80 | 0.5 | . | 13 | -5 | 11 | 8000 | 5 | 2100 | -5 | 90 | 10 | 500 | -10 | -10 | 10 | . | -2 | 5 | 25 |
| 352 | AV025 | 36.0678 | 81.9242 | . | 0.5 | . | 210 | 1.0 | . | 15 | -5 | 13 | 9000 | 5 | 1600 | -5 | 40 | 14 | 600 | 10 | 10 | -5 | . | -2 | 5 | 60 |
| 353 | AV026 | 36.0764 | 81.9160 | . | -0.5 | . | 130 | 0.5 | . | 10 | -5 | 9 | 23000 | 10 | 2350 | -5 | 45 | 5 | 500 | 15 | 15 | 10 | . | -2 | 10 | 50 |
| 354 | AV027 | 36.0937 | 81.9136 | . | -0.5 | . | 43 | 1.0 | . | 8 | -5 | 6 | 22000 | 5 | 3750 | -5 | 35 | 6 | 700 | -10 | -10 | 10 | . | -2 | 10 | 30 |

BOONE 100K QUADRANGLE - SUPPLEMENTAL STREAM SEDIMENT

| Lab # | County | Lat | Long | Uk | Ag | As | Ba | Be | Ca | Co | Cr | Cu | K | Li | Mg | Mo | Nb | Ni | P | Pb | Se | Sn | Sr | W | Y | Zn | |
|-------|--------|---------|---------|------|-----|------|------|-----|-----|-----|-----|-----|-------|-----|------|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|---|
| ID | | | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | |
| 355 | AV028 | 36.0822 | 81.9489 | -0.5 | 68 | 1.0 | . | . | . | 16 | -5 | 12 | 12000 | 5 | 5500 | -5 | 40 | 12 | 800 | -10 | . | 5 | . | -2 | 10 | 58 | |
| 356 | AV029 | 36.0633 | 81.8603 | -0.5 | 58 | 1.0 | . | . | . | 5 | -5 | 7 | 23000 | 5 | 2200 | -5 | 20 | -5 | 400 | -10 | . | -5 | . | -2 | 5 | 20 | |
| 357 | AV030 | 36.1109 | 81.8453 | 0.5 | 135 | 1.5 | . | . | . | 23 | -5 | 14 | 13000 | 10 | 3100 | -5 | 20 | 26 | 1100 | 15 | . | -5 | . | 4 | -5 | 70 | |
| 358 | AV031 | 36.1279 | 81.8271 | 0.7 | 185 | 3.5 | . | . | . | 27 | -5 | 25 | 13000 | 25 | 3400 | -5 | 35 | 34 | . | 17 | . | 5 | . | 4 | 5 | 130 | |
| 359 | AV032 | 36.1446 | 81.8607 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 360 | AV033 | 36.1542 | 81.8573 | 0.5 | 273 | 1.5 | . | . | . | 32 | -5 | 19 | 7000 | 10 | 2550 | -5 | 40 | 24 | . | 12 | . | -5 | . | -2 | -5 | 83 | |
| 361 | AV034 | 36.1715 | 81.8478 | -0.5 | 203 | 2.0 | . | . | . | 10 | -5 | 10 | 28000 | 10 | 3150 | -5 | 25 | 8 | 700 | 17 | . | 15 | . | -2 | 20 | 73 | |
| 362 | AV035 | 36.1643 | 81.8990 | -0.5 | 178 | 2.5 | . | . | . | 12 | -5 | 12 | 27000 | 10 | 2200 | -5 | 20 | 8 | 600 | 25 | . | 15 | . | -2 | 15 | 80 | |
| 363 | AV036 | 36.1715 | 81.9138 | -0.5 | 140 | 2.0 | . | . | . | 7 | -5 | 11 | 24000 | 10 | 2600 | -5 | 85 | 11 | 1200 | 25 | . | 10 | . | -2 | 30 | 65 | |
| 364 | AV037 | 36.1614 | 81.9562 | -0.5 | 158 | 1.5 | . | . | . | 10 | -5 | 9 | 15000 | 5 | 1900 | -5 | 45 | 10 | 700 | 15 | . | 5 | . | -2 | 10 | 58 | |
| 365 | AV038 | 36.2589 | 81.9006 | -0.5 | 298 | 4.5 | . | . | . | 10 | -5 | 9 | 38000 | 10 | 850 | -5 | 45 | -5 | 500 | 22 | . | 5 | . | 4 | 15 | 78 | |
| 366 | AV039 | 36.2387 | 81.9038 | -0.5 | 205 | 11.0 | . | . | . | 10 | -5 | 8 | 40000 | 10 | 400 | -5 | 155 | 5 | 500 | 22 | . | 25 | . | 5 | 15 | 105 | |
| 367 | AV040 | 36.0907 | 81.8020 | -0.5 | 63 | 2.0 | . | . | . | 12 | -5 | 13 | 19000 | 10 | 2000 | -5 | 15 | 12 | 1100 | 10 | . | 10 | . | -2 | 10 | 50 | |
| 368 | AV041 | 36.0072 | 81.8527 | -0.5 | 28 | 1.5 | . | . | . | -5 | -5 | 5 | 24000 | 5 | 2100 | -5 | 20 | -5 | 500 | -10 | . | -5 | . | -2 | 10 | 20 | |
| 370 | AV043 | 36.0032 | 81.7799 | -0.5 | 10 | 1.5 | . | . | . | 8 | -5 | 8 | 18000 | 10 | 6500 | -5 | 35 | 8 | 700 | 10 | . | -5 | . | -2 | 15 | 43 | |
| 371 | AV044 | 36.0179 | 81.7788 | -0.5 | 8 | 1.0 | . | . | . | 5 | -5 | 4 | 16000 | 5 | 2650 | -5 | 20 | -5 | 1000 | -10 | . | -5 | . | -2 | 15 | 25 | |
| 372 | AV045 | 36.0321 | 81.8019 | -0.5 | 15 | 0.5 | . | . | . | 14 | -5 | 10 | 15000 | 10 | 8000 | -5 | 35 | 9 | 1300 | -10 | . | 5 | . | -2 | 10 | 45 | |
| 373 | AV046 | 36.0589 | 81.7670 | -0.5 | 8 | 1.5 | . | . | . | 7 | -5 | 6 | 14000 | 10 | 2500 | -5 | 15 | -5 | 400 | -10 | . | 10 | . | -2 | 10 | 25 | |
| 374 | AV047 | 36.0584 | 81.7702 | -0.5 | 13 | 1.5 | . | . | . | 8 | -5 | 7 | 14000 | 10 | 5100 | -5 | 25 | 10 | 600 | -10 | . | 5 | . | -2 | 5 | 35 | |
| 375 | AV048 | 36.0527 | 81.7761 | -0.5 | 15 | 1.0 | . | . | . | 8 | -5 | 5 | 19000 | 10 | 4050 | -5 | 25 | 6 | 600 | -10 | . | -5 | . | -2 | 5 | 28 | |
| 768 | CL001 | 36.1215 | 81.7762 | 1.6 | 190 | 1.5 | 200 | 190 | 1.5 | -5 | 5 | 5 | 9000 | -5 | 650 | -2 | 15 | -5 | 400 | -10 | -1 | -5 | . | -2 | 5 | 20 | |
| 769 | CL002 | 36.0044 | 81.7737 | 4.2 | 112 | 1.5 | 400 | 112 | 1.5 | -5 | 6 | 5 | 11000 | -5 | 2000 | -2 | 30 | 5 | 1000 | -10 | -1 | -5 | . | -2 | 230 | 35 | |
| 770 | CL003 | 36.0235 | 81.7571 | 3.8 | 62 | 1.0 | -100 | 62 | 1.0 | -5 | 5 | 2 | 12000 | -5 | 850 | -2 | 10 | -5 | 400 | -10 | -1 | -5 | . | -2 | 15 | 18 | |
| 771 | CL004 | 36.0971 | 81.7436 | 1.6 | 370 | 1.0 | 300 | 370 | 1.0 | 17 | 9 | 13 | 4000 | -5 | 1200 | -2 | 25 | 15 | 400 | -10 | -1 | -5 | . | -2 | 50 | 85 | |
| 783 | CL016 | 36.0103 | 81.4293 | 1.4 | 187 | 1.0 | 100 | 187 | 1.0 | -5 | 7 | 3 | 7000 | 6 | 1350 | -2 | 10 | -5 | 300 | -10 | -1 | -5 | . | -2 | 5 | 18 | |
| 784 | CL017 | 36.0445 | 81.4296 | 1.5 | 152 | 1.0 | 200 | 152 | 1.0 | -5 | 6 | 3 | 15000 | 11 | 1200 | -2 | 15 | -5 | 300 | -10 | -1 | 10 | . | -2 | 45 | 20 | |
| 785 | CL018 | 36.0715 | 81.4496 | 1.4 | 70 | 1.0 | 100 | 70 | 1.0 | -5 | 7 | 5 | 3000 | 7 | 900 | -2 | 45 | -5 | 300 | -10 | -1 | 10 | . | -2 | 20 | 20 | |
| 786 | CL019 | 36.0520 | 81.4546 | 1.4 | 125 | 1.5 | 300 | 125 | 1.5 | -5 | 8 | 9 | 7000 | -5 | 2050 | 3 | 15 | 7 | 300 | -10 | -1 | -5 | . | -2 | 5 | 48 | |
| 787 | CL020 | 36.0350 | 81.4077 | 2.3 | 97 | 1.5 | -100 | 97 | 1.5 | -5 | 5 | 3 | 18000 | 13 | 600 | 2 | 15 | -5 | 200 | -10 | -1 | -5 | . | -2 | -5 | 23 | |
| 790 | CL023 | 36.0214 | 81.3440 | 2.8 | 72 | 1.0 | 400 | 72 | 1.0 | -5 | 7 | 4 | 6000 | 5 | 1350 | 4 | 15 | -5 | 200 | -10 | -1 | -5 | . | -2 | -5 | 13 | |
| 822 | CL055 | 36.0220 | 81.4890 | 1.4 | 217 | 1.5 | 200 | 217 | 1.5 | -5 | 6 | 3 | 16000 | 10 | 450 | -2 | 15 | -5 | 300 | -10 | -1 | -5 | . | -2 | 5 | 25 | |
| 823 | CL056 | 36.0376 | 81.5188 | 1.4 | 82 | 1.5 | 400 | 82 | 1.5 | 5 | 9 | 4 | 5000 | 5 | 800 | -2 | 35 | -5 | 200 | -10 | -1 | 10 | . | -2 | 5 | 23 | |
| 824 | CL057 | 36.0929 | 81.5207 | 2.3 | 367 | 1.5 | 600 | 367 | 1.5 | 5 | 7 | 5 | 7000 | -5 | 650 | -2 | 20 | -5 | 400 | -10 | -1 | -5 | . | -2 | 10 | 45 | |
| 825 | CL058 | 36.0927 | 81.5296 | 1.7 | 122 | 2.0 | 400 | 122 | 2.0 | 5 | 8 | 5 | 12000 | -5 | 1450 | 2 | 15 | -5 | 400 | -10 | -1 | 10 | . | -2 | 15 | 38 | |

BOONE 100K QUADRANGLE - SUPPLEMENTAL STREAM SEDIMENT

| Lab # | County | Lat | Long | Uk | Ag | As | Ba | Be | Ca | Co | Cr | Cu | K | Li | Mg | Mo | Nb | Ni | P | Pb | Se | Sn | Sr | M | Y | Zn |
|-------|--------|---------|---------|-----|-----|-----|-----|-----|------|-----|-----|-----|-------|-----|------|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|
| ID | | | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| 826 | CL059 | 36.0018 | 81.5389 | 1.4 | 0.8 | 2 | 237 | 1.5 | 700 | 10 | 8 | 11 | 6000 | 11 | 1150 | -2 | 30 | 12 | 800 | -10 | -1 | 5 | . | -2 | -5 | 78 |
| 830 | CL063 | 36.0392 | 81.5965 | 1.6 | 0.8 | 0 | 160 | 2.0 | 300 | 8 | 6 | 8 | 11000 | 8 | 650 | -2 | 10 | 5 | 300 | 15 | -1 | -5 | . | -2 | -5 | 98 |
| 831 | CL064 | 36.0759 | 81.5908 | 2.2 | 0.3 | 2 | 60 | 1.5 | 100 | 10 | 6 | 9 | 8000 | 7 | 1100 | -2 | 10 | 12 | 300 | -10 | -1 | -5 | . | -2 | -5 | 58 |
| 832 | CL065 | 36.0991 | 81.5974 | 2.2 | 0.5 | 0 | 80 | 1.5 | 200 | -5 | 5 | 5 | 8000 | -5 | 800 | 3 | 10 | -5 | 300 | -10 | -1 | -5 | . | -2 | 10 | 30 |
| 833 | CL066 | 36.1195 | 81.6300 | 1.4 | 0.6 | 5 | 212 | 3.0 | 900 | 8 | 7 | 8 | 10000 | 8 | 1500 | -2 | 25 | -5 | 1000 | 12 | -1 | -5 | . | -2 | -5 | 78 |
| 834 | CL067 | 36.1167 | 81.6430 | 4.5 | 0.8 | 1 | 312 | 3.0 | 800 | 8 | 6 | 7 | 11000 | 8 | 650 | -2 | 25 | 5 | 900 | 25 | -1 | -5 | . | -2 | -5 | 95 |
| 835 | CL068 | 36.0530 | 81.6477 | 3.5 | 0.5 | 2 | 185 | 2.0 | 400 | -5 | 5 | 5 | 10000 | 6 | 500 | 2 | 20 | -5 | 400 | -10 | -1 | -5 | . | -2 | 15 | 40 |
| 836 | CL069 | 36.0589 | 81.6427 | 1.3 | 0.4 | 2 | 157 | 2.0 | 600 | -5 | 6 | 5 | 10000 | 5 | 1450 | 4 | 20 | -5 | 600 | -10 | -1 | -5 | . | -2 | -5 | 50 |
| 837 | CL070 | 36.0215 | 81.6530 | 3.1 | 0.4 | 2 | 155 | 1.5 | 300 | -5 | 5 | 4 | 10000 | 6 | 1300 | 3 | 20 | -5 | 300 | -10 | -1 | -5 | . | -2 | 10 | 38 |
| 838 | CL071 | 36.0033 | 81.6389 | 1.4 | 0.3 | 0 | 152 | 1.5 | 300 | -5 | 5 | 5 | 9000 | 5 | 550 | -2 | 20 | -5 | 300 | -10 | -1 | -5 | . | -2 | 10 | 35 |
| 845 | CL078 | 36.0408 | 81.7117 | 1.6 | 0.7 | 1 | 190 | 1.5 | 100 | -5 | 5 | 3 | 11000 | -5 | 450 | -2 | 25 | -5 | 200 | -10 | -1 | -5 | . | -2 | -5 | 23 |
| 846 | CL079 | 36.0612 | 81.7134 | 1.5 | 0.6 | 2 | 140 | 1.5 | 300 | -5 | 5 | 5 | 8000 | -5 | 900 | -2 | 25 | -5 | 300 | -10 | -1 | -5 | . | -2 | -5 | 30 |
| 847 | CL080 | 36.0867 | 81.7061 | 2.9 | 0.8 | 2 | 170 | 2.0 | 500 | 8 | 6 | 7 | 11000 | 6 | 650 | -2 | 30 | 10 | 400 | -10 | -1 | -5 | . | -2 | -5 | 70 |
| 848 | CL081 | 36.0898 | 81.6853 | 4.5 | 0.9 | 1 | 192 | 2.5 | 700 | 5 | 6 | 5 | 11000 | 7 | 1450 | 3 | 20 | -5 | 500 | -10 | -1 | -5 | . | -2 | 5 | 60 |
| 849 | CL082 | 36.0992 | 81.6887 | 6.2 | 0.6 | | 162 | 2.5 | 500 | 5 | 8 | 7 | 11000 | 7 | 1250 | -2 | 20 | -5 | 600 | -10 | -1 | -5 | . | -2 | 10 | 58 |
| 4197 | WL001 | 36.0969 | 81.1988 | 1.3 | 0.4 | 1 | 57 | 0.5 | 100 | -5 | 10 | 5 | 5000 | -5 | 450 | -2 | 25 | -5 | 800 | -10 | 2 | -5 | . | -2 | 5 | 8 |
| 4198 | WL002 | 36.1003 | 81.1664 | 0.7 | 0.5 | 1 | 75 | 1.0 | 200 | -5 | 10 | 8 | 7000 | 6 | 450 | -2 | 5 | -5 | 500 | -10 | 3 | -5 | . | -2 | -5 | 23 |
| 4199 | WL003 | 36.0663 | 81.1737 | 1.0 | 0.8 | 10 | 632 | 0.5 | 100 | -5 | 43 | 5 | 1000 | 9 | 500 | -2 | 20 | 8 | 500 | -10 | 3 | -5 | . | -2 | -5 | 20 |
| 4200 | WL004 | 36.0708 | 81.2187 | 1.4 | 0.7 | 7 | 80 | 0.5 | 200 | -5 | 10 | 10 | 7000 | 10 | 950 | 2 | 40 | 5 | 500 | -10 | 3 | -5 | . | 2 | 145 | 30 |
| 4201 | WL005 | 36.0705 | 81.2282 | 0.9 | 0.6 | 0 | 125 | 1.0 | 100 | -5 | 10 | 7 | 7000 | 8 | 1500 | -2 | 25 | 5 | 1200 | -10 | 7 | -5 | . | -2 | -5 | 25 |
| 4202 | WL006 | 36.0820 | 81.2679 | 1.4 | 0.5 | | 207 | 0.5 | -100 | -5 | 9 | 3 | 7000 | -5 | 950 | -2 | 15 | -5 | 100 | -10 | 1 | -5 | . | -2 | 10 | 8 |
| 4203 | WL007 | 36.0546 | 81.2682 | 2.8 | 0.6 | 1 | 35 | 0.5 | -100 | -5 | 8 | 3 | 4000 | -5 | 1550 | -2 | 15 | -5 | 1000 | -10 | 1 | -5 | . | -2 | 15 | 5 |
| 4204 | WL008 | 36.0478 | 81.2982 | 1.6 | 0.6 | | 160 | 0.5 | -100 | -5 | 8 | 4 | 10000 | 5 | 1300 | -2 | 5 | -5 | 1200 | -10 | 2 | -5 | . | -2 | 5 | 13 |
| 4205 | WL009 | 36.0358 | 81.3482 | 1.2 | 0.6 | | 180 | 0.5 | 300 | -5 | 10 | 4 | 3000 | -5 | 1400 | -2 | 5 | -5 | 1200 | -10 | 1 | 20 | . | -2 | 15 | 8 |
| 4206 | WL010 | 36.0754 | 81.3441 | 1.2 | 0.3 | 0 | 182 | 1.0 | 200 | -5 | 5 | 6 | 5000 | 10 | 1350 | -2 | 15 | -5 | 200 | -10 | -1 | 10 | . | -2 | 15 | 15 |
| 4207 | WL011 | 36.0769 | 81.3922 | 1.2 | 0.6 | 0 | 117 | 1.0 | 300 | 8 | 7 | 6 | 3000 | -5 | 1950 | -2 | 10 | -5 | 1000 | -10 | 1 | -5 | . | -2 | -5 | 5 |
| 4208 | WL012 | 36.0900 | 81.4182 | 1.4 | 0.6 | 0 | 27 | 1.0 | -100 | 5 | 6 | 5 | 3000 | 8 | 2400 | -2 | 40 | -5 | 800 | -10 | -1 | -5 | . | -2 | 10 | 20 |
| 4209 | WL013 | 36.1086 | 81.4417 | 1.2 | 0.4 | | . | . | 200 | -5 | . | 6 | . | . | . | . | . | -5 | . | -10 | -10 | . | . | . | . | 30 |
| 4210 | WL014 | 36.1196 | 81.4741 | 1.4 | 0.5 | 1 | 140 | 1.5 | 300 | 5 | 9 | 3 | 1000 | -5 | 1450 | -2 | 40 | -5 | 1000 | -10 | 1 | 5 | . | -2 | 5 | 28 |
| 4211 | WL015 | 36.1204 | 81.5060 | 1.1 | 0.6 | 1 | 40 | 2.5 | 200 | 5 | 6 | 5 | 6000 | 6 | 2150 | -2 | 35 | -5 | 1000 | -10 | 1 | -5 | . | -2 | 15 | 73 |
| 4212 | WL016 | 36.1263 | 81.4971 | 1.2 | 0.8 | | 177 | 2.0 | 500 | 8 | 8 | 8 | 8000 | -5 | 600 | -2 | 40 | 7 | 700 | -10 | -1 | -5 | . | -2 | -5 | 40 |
| 4213 | WL017 | 36.1063 | 81.3672 | 1.2 | 0.3 | 1 | 100 | 1.0 | 100 | -5 | 7 | 5 | 10000 | 7 | 750 | -2 | 30 | -5 | 700 | -10 | -1 | -5 | . | 2 | 10 | 23 |
| 4214 | WL018 | 36.1234 | 81.3760 | 1.1 | 0.6 | 1 | 35 | 1.0 | 100 | 8 | 6 | 6 | 7000 | 6 | 1000 | 2 | 35 | -5 | 700 | -10 | 1 | 10 | . | 2 | -5 | 20 |
| 4215 | WL019 | 36.1343 | 81.3959 | 1.2 | 0.5 | | 17 | 1.0 | 100 | 5 | 8 | 8 | 3000 | 5 | 1100 | 3 | 40 | 5 | 700 | -10 | 2 | -5 | . | 2 | -5 | 23 |

BOONE 100K QUADRANGLE - SUPPLEMENTAL STREAM SEDIMENT

| Lab # | County | Lat | Long | Ux | Ag | As | Ba | Be | Ca | Co | Cr | Cu | K | Li | Mg | Mo | Nb | Ni | P | Pb | Se | Sn | Sr | W | Y | Zn |
|-------|--------|---------|---------|-----|-----|-----|-----|-----|------|-----|-----|-----|-------|-----|------|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|
| ID | | | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| 4216 | WL020 | 36.1522 | 81.4318 | 1.2 | 0.8 | 0 | 27 | 1.0 | 100 | 10 | 8 | 12 | 3000 | 6 | 1450 | -2 | 40 | 7 | 600 | -10 | 4 | -5 | . | 3 | 5 | 25 |
| 4217 | WL021 | 36.1510 | 81.4660 | 1.2 | 0.5 | 0 | 135 | 1.5 | 200 | 8 | 10 | 9 | 9000 | 8 | 900 | 2 | 30 | 7 | 800 | -10 | -1 | 10 | . | -2 | 5 | 38 |
| 4219 | WL022 | 36.1650 | 81.4617 | 1.4 | 0.5 | 1 | 297 | 0.5 | 100 | 8 | 7 | 10 | 10000 | 7 | 600 | -2 | 40 | 5 | 800 | 10 | 2 | 10 | . | -2 | 10 | 40 |
| 4218 | WL022 | 36.1650 | 81.4617 | 1.4 | 0.5 | 1 | 297 | 0.5 | 100 | 8 | 7 | 10 | 10000 | 7 | 600 | -2 | 40 | 5 | 800 | 10 | 2 | 10 | . | -2 | 10 | 40 |
| 4220 | WL023 | 36.0982 | 81.3136 | 1.4 | 0.7 | | 312 | 1.0 | 100 | 5 | 6 | 7 | 14000 | 10 | 800 | -2 | 40 | 5 | 600 | -10 | -1 | -5 | . | -2 | -5 | 38 |
| 4221 | WL023 | 36.0982 | 81.3136 | 1.4 | 0.7 | | 312 | 1.0 | 100 | 5 | 6 | 7 | 14000 | 10 | 800 | -2 | 40 | 5 | 600 | -10 | -1 | -5 | . | -2 | -5 | 38 |
| 4222 | WL024 | 36.1037 | 81.2555 | 1.2 | 0.6 | 0 | 82 | 0.5 | 100 | 5 | 6 | 5 | 12000 | 8 | 650 | -2 | 25 | -5 | 500 | -10 | -1 | -5 | . | -2 | 15 | 15 |
| 4223 | WL024 | 36.1037 | 81.2555 | 1.2 | 0.6 | 0 | 82 | 0.5 | 100 | 5 | 6 | 5 | 12000 | 8 | 650 | -2 | 25 | -5 | 500 | -10 | -1 | -5 | . | -2 | 15 | 15 |
| 4224 | WL025 | 36.1308 | 81.1343 | 1.2 | 0.4 | 0 | 65 | 0.5 | 100 | 5 | 7 | 5 | 11000 | 6 | 850 | -2 | 20 | -5 | 800 | -10 | 1 | 10 | . | -2 | 10 | 18 |
| 4225 | WL026 | 36.1116 | 81.0837 | 1.2 | 0.7 | 0 | 47 | 1.5 | 100 | 5 | 9 | 5 | 13000 | 14 | 2050 | -2 | 40 | 5 | 700 | -10 | -1 | 20 | . | -2 | 10 | 20 |
| 4226 | WL027 | 36.1011 | 81.0412 | 1.1 | 0.7 | | 280 | 1.5 | 500 | 8 | 8 | 7 | 15000 | 13 | 500 | -2 | 15 | 7 | 1000 | -10 | -1 | -5 | . | -2 | 5 | 35 |
| 4227 | WL028 | 36.0891 | 81.0220 | 1.1 | 0.4 | 0 | 47 | 1.0 | -100 | 5 | 7 | 3 | 15000 | 8 | 900 | -2 | 5 | -5 | 800 | -10 | 1 | 5 | . | -2 | 5 | 13 |
| 4233 | WL034 | 36.1220 | 81.0096 | 1.2 | 0.6 | | 157 | 1.5 | -100 | -5 | 7 | 5 | 13000 | 13 | 300 | 3 | 15 | 5 | 400 | -10 | -1 | 5 | . | -2 | 15 | 20 |
| 4234 | WL035 | 36.1483 | 81.0563 | 1.2 | 0.7 | | 100 | 1.0 | 100 | 5 | 7 | 4 | 11000 | 8 | 550 | 3 | 25 | -5 | 1000 | -10 | -1 | -5 | . | -2 | 10 | 15 |
| 4235 | WL036 | 36.1423 | 81.0864 | . | 0.7 | | 120 | 2.0 | 100 | 8 | 6 | 11 | 5000 | 19 | 950 | -2 | 40 | 7 | 600 | -10 | -1 | -5 | . | -2 | -5 | 40 |
| 4236 | WL037 | 36.1609 | 81.0912 | 1.1 | 0.8 | 0 | 47 | 1.5 | 100 | -5 | 6 | 4 | 8000 | 9 | 1050 | -2 | 30 | -5 | 800 | -10 | -1 | 10 | . | -2 | 60 | 15 |
| 4237 | WL038 | 36.1349 | 81.3118 | 1.2 | 0.5 | 0 | 122 | 1.5 | -100 | -5 | 8 | 3 | 7000 | 6 | 550 | -2 | 25 | -5 | 900 | -10 | 1 | -5 | . | -2 | 10 | 13 |
| 4238 | WL039 | 36.1247 | 81.3328 | 1.1 | 0.8 | 0 | 177 | 1.5 | 100 | -5 | 8 | 5 | 7000 | -5 | 350 | 2 | 30 | -5 | 600 | -10 | 1 | -5 | . | -2 | 100 | 15 |
| 4239 | WL040 | 36.1711 | 81.3825 | 1.2 | 0.4 | | 50 | 1.5 | 100 | 8 | 6 | 8 | 6000 | 8 | 800 | -2 | 25 | 5 | 900 | -10 | -1 | -5 | . | -2 | 5 | 28 |
| 4240 | WL041 | 36.1834 | 81.3814 | 1.2 | 0.6 | 0 | 127 | 1.0 | 100 | -5 | 9 | 7 | 8000 | 6 | 550 | -2 | 35 | -5 | 900 | -10 | 1 | 15 | . | -2 | 5 | 18 |
| 4241 | WL042 | 36.1931 | 81.4140 | 1.2 | 0.5 | 0 | 95 | 1.5 | 100 | 8 | 6 | 8 | 4000 | 7 | 750 | 5 | 40 | 5 | 800 | -10 | -1 | -5 | . | -2 | 10 | 28 |
| 4242 | WL043 | 36.2249 | 81.4318 | 1.2 | 0.7 | 1 | 160 | 1.5 | 100 | 5 | 6 | 8 | 8000 | 5 | 450 | 2 | 40 | 5 | 800 | -10 | -1 | -5 | . | -2 | -5 | 23 |
| 4243 | WL044 | 36.2291 | 81.3721 | 1.2 | 0.8 | 1 | 100 | 2.0 | 100 | 8 | 6 | 6 | 9000 | 8 | 550 | 2 | 40 | 5 | 700 | -10 | 2 | -5 | . | -2 | 15 | 23 |
| 4244 | WL045 | 36.2608 | 81.3963 | 1.2 | 0.7 | | 27 | 2.5 | 100 | 8 | 6 | 8 | 14000 | 17 | 2350 | -2 | 25 | -5 | 700 | -10 | 1 | -5 | . | -2 | -5 | 28 |
| 4245 | WL046 | 36.2103 | 81.3454 | 1.2 | 0.2 | 0 | 50 | 1.5 | 100 | 5 | -5 | 7 | 4000 | 14 | 800 | 4 | -5 | -5 | 700 | -10 | 1 | 5 | . | -2 | 10 | 28 |
| 4246 | WL047 | 36.1936 | 81.2939 | 2.8 | 0.1 | 0 | 77 | 1.5 | 400 | 5 | 7 | 8 | 4000 | 5 | 950 | 13 | 10 | -5 | 900 | -10 | 1 | -5 | . | 2 | 215 | 18 |
| 4247 | WL048 | 36.1678 | 81.3310 | 2.5 | 0.4 | 1 | 107 | 1.5 | 200 | -5 | 6 | 8 | 8000 | 9 | 1550 | 2 | 25 | -5 | 700 | -10 | -1 | 5 | . | -2 | 95 | 25 |
| 4248 | WL049 | 36.2343 | 81.2621 | 1.1 | 0.2 | 0 | 117 | 1.5 | 300 | -5 | 8 | 8 | 5000 | 6 | 500 | 4 | 25 | -5 | 900 | -10 | 1 | -5 | . | -2 | 5 | 15 |
| 4249 | WL050 | 36.2365 | 81.2483 | 1.2 | 0.1 | | 150 | 1.5 | 100 | 5 | -5 | 7 | 11000 | 7 | 650 | 2 | 15 | -5 | 800 | -10 | -1 | -5 | . | -2 | -5 | 18 |
| 4250 | WL051 | 36.2592 | 81.3245 | 1.9 | 0.2 | 2 | 25 | 1.5 | 100 | -5 | 6 | 7 | 3000 | 14 | 1500 | -2 | 45 | -5 | 1000 | -10 | -1 | 10 | . | -2 | 30 | 18 |
| 4251 | WL052 | 36.2649 | 81.2976 | 1.8 | 0.4 | | 60 | 2.0 | 100 | 5 | 6 | 8 | 7000 | 16 | 3200 | -2 | 50 | -5 | 800 | -10 | -1 | 5 | . | -2 | -5 | 20 |
| 4252 | WL053 | 36.2986 | 81.3213 | 1.1 | 0.3 | 0 | 55 | 1.5 | 100 | -5 | 6 | 8 | 5000 | 14 | 2650 | -2 | 40 | -5 | 800 | -10 | -1 | -5 | . | 2 | 5 | 20 |
| 4253 | WL054 | 36.3232 | 81.3299 | 1.1 | 0.7 | | 135 | 2.0 | 300 | 8 | 5 | 10 | 7000 | 10 | 700 | -2 | 50 | 5 | 700 | -10 | 1 | 10 | . | 2 | -5 | 28 |
| 4254 | WL055 | 36.2907 | 81.2503 | 1.2 | 0.4 | 0 | 367 | 2.0 | 100 | 5 | -5 | 10 | 12000 | 7 | 1600 | -2 | 35 | 5 | 800 | -10 | 1 | 20 | . | -2 | -5 | 28 |

BOONE 100K QUADRANGLE - SUPPLEMENTAL STREAM SEDIMENT

| Lab # | County | Lat | Long | Ux | Ag | As | Ba | Be | Ca | Co | Cr | Cu | K | Li | Mg | Mo | Mb | Ni | P | Pb | Se | Sn | Sr | V | Y | Zn |
|-------|--------|---------|---------|-----|-----|-----|-----|-----|------|-----|-----|-----|-------|-----|------|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|
| ID | | | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| 4255 | WL056 | 36.2796 | 81.2664 | 1.2 | 0.5 | 1 | 155 | 1.5 | 400 | 8 | 7 | 13 | 8000 | 9 | 800 | 2 | 50 | 10 | 900 | -10 | -1 | 10 | . | -2 | 5 | 38 |
| 4256 | WL057 | 36.2932 | 81.2813 | 1.1 | 0.3 | | 152 | 1.5 | 200 | -5 | 7 | 6 | 6000 | 9 | 800 | 3 | 40 | -5 | 900 | -10 | -1 | -5 | . | -2 | 5 | 18 |
| 4257 | WL058 | 36.3104 | 81.2885 | 1.2 | 0.5 | 1 | 7 | 1.5 | 200 | 5 | 6 | 7 | 3000 | 11 | 2050 | 5 | 40 | -5 | 700 | -10 | -1 | -5 | . | 2 | -5 | 18 |
| 4258 | WL059 | 36.3194 | 81.3012 | 1.1 | 0.4 | 0 | 45 | 2.0 | 300 | 5 | 5 | 10 | 6000 | 10 | 1200 | 2 | 40 | 10 | 900 | -10 | 2 | 5 | . | -2 | 5 | 30 |
| 4259 | WL060 | 36.2898 | 81.2724 | 1.1 | 0.6 | | 52 | 1.0 | 200 | -5 | 5 | 8 | 5000 | 7 | 700 | -2 | 30 | -5 | 500 | -10 | -1 | -5 | . | 2 | 10 | 18 |
| 4260 | WL061 | 36.3293 | 81.2269 | 1.1 | 0.4 | | 15 | 1.5 | 100 | 5 | 5 | 9 | 4000 | 9 | 1300 | -2 | 20 | -5 | 600 | -10 | -1 | -5 | . | 2 | -5 | 23 |
| 4261 | WL062 | 36.3552 | 81.2070 | 1.1 | 0.6 | 0 | 45 | 1.5 | -100 | 10 | 6 | 15 | 2000 | 11 | 1300 | -2 | 50 | 5 | 700 | -10 | -1 | 15 | . | -2 | -5 | 43 |
| 4262 | WL063 | 36.3382 | 81.1486 | 1.1 | 0.8 | 0 | 70 | 1.5 | 100 | -5 | 5 | 6 | 7000 | 8 | 1950 | -2 | 15 | -5 | 1000 | -10 | -1 | -5 | . | -2 | -5 | 20 |
| 4263 | WL064 | 36.3592 | 81.1724 | 1.1 | 0.6 | 2 | 47 | 1.0 | 100 | 5 | 5 | 8 | 3000 | 10 | 2000 | -2 | 40 | 5 | 700 | -10 | -1 | -5 | . | -2 | -5 | 25 |
| 4264 | WL065 | 36.3698 | 81.1523 | 1.2 | 0.4 | 1 | 40 | 1.0 | 100 | 8 | 5 | 10 | 4000 | 11 | 1000 | 2 | 35 | -5 | 700 | -10 | 1 | 5 | . | -2 | 10 | 25 |
| 4265 | WL066 | 36.3750 | 81.1453 | 1.2 | 0.4 | | 35 | 2.0 | 400 | 8 | 6 | 12 | 5000 | 10 | 1800 | 7 | 100 | 10 | 1000 | -10 | 1 | 5 | . | 2 | -5 | 28 |
| 4266 | WL067 | 36.3807 | 81.1289 | 1.1 | 0.5 | 0 | 40 | 1.0 | 100 | -5 | -5 | 5 | 2000 | 8 | 1000 | -2 | 35 | -5 | 700 | -10 | -1 | 15 | . | -2 | -5 | 13 |
| 4267 | WL068 | 36.3648 | 81.1240 | 1.2 | 0.7 | | 42 | 1.5 | 200 | 5 | 5 | 9 | 5000 | 7 | 650 | -2 | 75 | -5 | 1000 | -10 | 1 | 15 | . | -2 | -5 | 25 |
| 4268 | WL069 | 36.3806 | 81.0685 | 1.1 | 0.2 | | 32 | 1.5 | 100 | -5 | 5 | 6 | 8000 | 9 | 1650 | 2 | 50 | -5 | 1000 | -10 | 1 | 5 | . | -2 | -5 | 18 |
| 4269 | WL070 | 36.3985 | 81.0624 | 1.2 | 0.3 | | 37 | 1.0 | 200 | 8 | 6 | 9 | 5000 | 8 | 850 | 2 | 40 | 5 | 1000 | -10 | 1 | 15 | . | -2 | -5 | 18 |
| 4270 | WL071 | 36.3666 | 81.0575 | 1.1 | 0.6 | | 25 | 1.5 | -100 | -5 | 7 | 4 | 8000 | 10 | 1800 | -2 | 25 | -5 | 400 | -10 | -1 | -5 | . | -2 | -5 | 13 |
| 4271 | WL072 | 36.3532 | 81.1052 | 1.4 | 0.3 | 0 | 235 | 1.5 | -100 | -5 | 5 | 4 | 8000 | 6 | 700 | 2 | 15 | -5 | 600 | -10 | 1 | -5 | . | -2 | 10 | 23 |
| 4272 | WL073 | 36.3241 | 81.0896 | 1.2 | 0.4 | | 67 | 1.0 | 100 | -5 | 5 | 4 | 6000 | 7 | 750 | 4 | 35 | -5 | 500 | -10 | -1 | -5 | . | -2 | -5 | 13 |
| 4273 | WL074 | 36.2961 | 81.1479 | 1.2 | 0.4 | 1 | 60 | 1.5 | -100 | -5 | 5 | 5 | 9000 | 7 | 500 | -2 | 25 | -5 | 1000 | -10 | 1 | -5 | . | -2 | 15 | 15 |
| 4274 | WL075 | 36.2954 | 81.2147 | 1.0 | 0.6 | 1 | 277 | 1.5 | -100 | -5 | -5 | 3 | 4000 | 6 | 350 | -2 | 25 | -5 | 1000 | -10 | -1 | -5 | . | -2 | -5 | 13 |
| 4277 | WL078 | 36.1834 | 81.0530 | 1.1 | 0.3 | | 80 | 1.0 | 200 | -5 | -5 | 3 | 4000 | 7 | 500 | -2 | 45 | -5 | 1000 | -10 | -1 | 15 | . | -2 | 70 | 10 |
| 4302 | WL097 | 36.3517 | 81.0104 | 0.6 | 0.6 | 0 | 137 | 1.5 | 200 | 8 | 6 | 13 | 4000 | 8 | 800 | -2 | 25 | 7 | 900 | 10 | -1 | -5 | . | -2 | -5 | 38 |
| 4303 | WL097 | 36.3517 | 81.0104 | 0.6 | 0.6 | 0 | 137 | 1.5 | 200 | 8 | 6 | 13 | 4000 | 8 | 800 | -2 | 25 | 7 | 900 | 10 | -1 | -5 | . | -2 | -5 | 38 |
| 4304 | WL098 | 36.3417 | 81.0357 | 0.7 | 0.5 | | 405 | 1.5 | -100 | -5 | 8 | 3 | 12000 | 6 | 1450 | -2 | 10 | -5 | 800 | -10 | -1 | -5 | . | -2 | 5 | 8 |
| 4305 | WL098 | 36.3417 | 81.0357 | 0.7 | 0.5 | | 405 | 1.5 | -100 | -5 | 8 | 3 | 12000 | 6 | 1450 | -2 | 10 | -5 | 800 | -10 | -1 | -5 | . | -2 | 5 | 8 |
| 4306 | WL099 | 36.3194 | 81.0513 | 0.5 | 0.3 | 0 | 115 | 1.5 | 100 | -5 | 7 | 4 | 6000 | 11 | 300 | -2 | 15 | -5 | 900 | -10 | 1 | -5 | . | -2 | 5 | 13 |
| 4307 | WL099 | 36.3194 | 81.0513 | 0.5 | 0.3 | 0 | 115 | 1.5 | 100 | -5 | 7 | 4 | 6000 | 11 | 300 | -2 | 15 | -5 | 900 | -10 | 1 | -5 | . | -2 | 5 | 13 |
| 4309 | WL100 | 36.3105 | 81.0233 | 0.5 | 0.6 | 0 | 50 | 1.0 | 100 | 5 | 6 | 4 | 3000 | 9 | 850 | -2 | 15 | -5 | 700 | -10 | -1 | -5 | . | -2 | 10 | 13 |
| 4308 | WL100 | 36.3105 | 81.0233 | 0.5 | 0.6 | 0 | 50 | 1.0 | 100 | 5 | 6 | 4 | 3000 | 9 | 850 | -2 | 15 | -5 | 700 | -10 | -1 | -5 | . | -2 | 10 | 13 |
| 4311 | WL101 | 36.2807 | 81.0360 | 0.5 | 0.5 | 0 | 90 | 1.0 | 100 | -5 | 10 | 6 | 5000 | 11 | 1300 | 7 | 15 | -5 | 900 | -10 | -1 | 10 | . | -2 | 5 | 20 |
| 4310 | WL101 | 36.2807 | 81.0360 | 0.5 | 0.5 | 0 | 90 | 1.0 | 100 | -5 | 10 | 6 | 5000 | 11 | 1300 | 7 | 15 | -5 | 900 | -10 | -1 | 10 | . | -2 | 5 | 20 |
| 4316 | WL104 | 36.2277 | 81.0081 | 0.5 | 0.6 | 0 | 122 | 1.0 | 100 | -5 | 7 | 5 | 6000 | 11 | 500 | -2 | 35 | -5 | 700 | -10 | -1 | 5 | . | -2 | 15 | 20 |
| 4317 | WL104 | 36.2277 | 81.0081 | 0.5 | 0.6 | 0 | 122 | 1.0 | 100 | -5 | 7 | 5 | 6000 | 11 | 500 | -2 | 35 | -5 | 700 | -10 | -1 | 5 | . | -2 | 15 | 20 |
| 4319 | WL105 | 36.1516 | 81.2133 | 0.6 | 0.5 | 0 | 80 | 1.0 | -100 | -5 | 10 | 5 | 5000 | 10 | 1550 | -2 | 20 | -5 | 700 | -10 | -1 | -5 | . | -2 | 5 | 18 |

BOONE 100K QUADRANGLE - SUPPLEMENTAL STREAM SEDIMENT

| Lab # | county | Lat | Long | Ux | Ag | As | Ba | Be | Ca | Co | Cr | Cu | K | Li | Mg | Mo | Nb | Ni | P | Pb | Se | Sn | Sr | W | Y | Zn |
|-------|--------|---------|---------|-----|-----|-----|-----|-----|------|-----|-----|-----|-------|-----|------|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|
| ID | | | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| 4318 | ML105 | 36.1516 | 81.2133 | 0.6 | 0.5 | 0 | 80 | 1.0 | -100 | -5 | 10 | 5 | 5000 | 10 | 1550 | -2 | 20 | -5 | 700 | -10 | -1 | -5 | . | -2 | 5 | 18 |
| 4321 | ML106 | 36.1617 | 81.1952 | 0.4 | 0.4 | 1 | 45 | 1.0 | 100 | -5 | 7 | 5 | 2000 | 9 | 550 | -2 | -5 | -5 | 800 | -10 | -1 | -5 | . | -2 | 5 | 20 |
| 4320 | ML106 | 36.1617 | 81.1952 | 0.4 | 0.4 | 1 | 45 | 1.0 | 100 | -5 | 7 | 5 | 2000 | 9 | 550 | -2 | -5 | -5 | 800 | -10 | -1 | -5 | . | -2 | 5 | 20 |
| 4322 | ML107 | 36.2032 | 81.2448 | 1.3 | 0.7 | 1 | 77 | 1.0 | 100 | 8 | 10 | 6 | 5000 | 7 | 1750 | 5 | -5 | -5 | 900 | -10 | -1 | -5 | . | 2 | 135 | 20 |
| 4323 | ML107 | 36.2032 | 81.2448 | 1.3 | 0.7 | 1 | 77 | 1.0 | 100 | 8 | 10 | 6 | 5000 | 7 | 1750 | 5 | -5 | -5 | 900 | -10 | -1 | -5 | . | 2 | 135 | 20 |
| 4324 | ML108 | 36.2455 | 81.2211 | 1.1 | 0.8 | 0 | 325 | 1.5 | 400 | -5 | 7 | 8 | 11000 | 6 | 400 | 2 | -5 | 5 | 1000 | 10 | -1 | -5 | . | -2 | -5 | 23 |
| 4325 | ML108 | 36.2455 | 81.2211 | 1.1 | 0.8 | 0 | 325 | 1.5 | 400 | -5 | 7 | 8 | 11000 | 6 | 400 | 2 | -5 | 5 | 1000 | 10 | -1 | -5 | . | -2 | -5 | 23 |
| 4327 | ML109 | 36.2680 | 81.2000 | 0.5 | 0.4 | 0 | 135 | 1.5 | 100 | -5 | 6 | 7 | 10000 | 5 | 300 | -2 | -5 | -5 | 800 | -10 | -1 | -5 | . | -2 | -5 | 18 |
| 4326 | ML109 | 36.2680 | 81.2000 | 0.5 | 0.4 | 0 | 135 | 1.5 | 100 | -5 | 6 | 7 | 10000 | 5 | 300 | -2 | -5 | -5 | 800 | -10 | -1 | -5 | . | -2 | -5 | 18 |
| 4329 | ML110 | 36.2600 | 81.1539 | 1.1 | 0.7 | 0 | 180 | 1.5 | 200 | 5 | 8 | 6 | 9000 | 5 | 450 | 4 | 15 | -5 | 900 | -10 | -1 | -5 | . | -2 | 15 | 15 |
| 4328 | ML110 | 36.2600 | 81.1539 | 1.1 | 0.7 | 0 | 180 | 1.5 | 200 | 5 | 8 | 6 | 9000 | 5 | 450 | 4 | 15 | -5 | 900 | -10 | -1 | -5 | . | -2 | 15 | 15 |
| 4331 | ML111 | 36.2370 | 81.1324 | 1.2 | 0.6 | | 237 | 1.0 | 100 | -5 | 8 | 6 | 7000 | 5 | 350 | -2 | 30 | -5 | 1000 | -10 | -1 | -5 | . | -2 | 10 | 13 |
| 4330 | ML111 | 36.2370 | 81.1324 | 1.2 | 0.6 | | 237 | 1.0 | 100 | -5 | 8 | 6 | 7000 | 5 | 350 | -2 | 30 | -5 | 1000 | -10 | -1 | -5 | . | -2 | 10 | 13 |
| 4332 | ML112 | 36.2185 | 81.1364 | 0.7 | 0.5 | 0 | 147 | 1.0 | 100 | -5 | 9 | 6 | 5000 | 6 | 400 | -2 | 10 | -5 | 500 | -10 | -1 | 5 | . | -2 | -5 | 18 |
| 4333 | ML112 | 36.2185 | 81.1364 | 0.7 | 0.5 | 0 | 147 | 1.0 | 100 | -5 | 9 | 6 | 5000 | 6 | 400 | -2 | 10 | -5 | 500 | -10 | -1 | 5 | . | -2 | -5 | 18 |
| 4335 | ML113 | 36.2034 | 81.1790 | 0.6 | 0.8 | 0 | 145 | 1.0 | 100 | -5 | 7 | 7 | 4000 | 6 | 1150 | 5 | 10 | -5 | 500 | -10 | -1 | 5 | . | -2 | 5 | 18 |
| 4334 | ML113 | 36.2034 | 81.1790 | 0.6 | 0.8 | 0 | 145 | 1.0 | 100 | -5 | 7 | 7 | 4000 | 6 | 1150 | 5 | 10 | -5 | 500 | -10 | -1 | 5 | . | -2 | 5 | 18 |
| 4336 | ML114 | 36.2431 | 81.1952 | 0.8 | 0.7 | 0 | 232 | 1.0 | 100 | 5 | 8 | 8 | 6000 | 6 | 550 | -2 | 10 | -5 | 500 | -10 | -1 | 20 | . | -2 | 5 | 20 |
| 4337 | ML115 | 36.2073 | 81.0769 | 0.7 | 0.7 | 0 | 70 | 1.0 | 100 | -5 | 8 | 5 | 2000 | 11 | 700 | -2 | -5 | -5 | 500 | -10 | -1 | -5 | . | -2 | -5 | 18 |
| 4338 | ML116 | 36.2031 | 81.0871 | 0.7 | 0.6 | 0 | 67 | 1.0 | 100 | -5 | 9 | 6 | 3000 | 13 | 900 | 2 | 25 | -5 | 700 | -10 | -1 | -5 | . | -2 | 10 | 20 |
| 4339 | ML117 | 36.0329 | 81.0910 | 0.6 | 1.0 | | 137 | 1.0 | 200 | 5 | 11 | 6 | 8000 | 13 | 850 | 2 | 20 | -5 | 700 | -10 | -1 | 5 | . | -2 | 10 | 28 |
| 4340 | ML118 | 36.0339 | 81.0600 | 0.6 | 0.8 | 0 | 185 | 1.5 | 400 | -5 | 9 | 5 | 10000 | 11 | 750 | -2 | 20 | -5 | 1000 | -10 | -1 | -5 | . | -2 | 5 | 23 |
| 4341 | ML119 | 36.0572 | 81.0783 | 1.2 | 0.5 | 0 | 72 | 1.5 | 200 | -5 | 11 | 4 | 16000 | 17 | 3300 | 3 | -5 | -5 | 500 | -10 | -1 | -5 | . | -2 | 5 | 25 |
| 4421 | WT001 | 36.2141 | 81.7093 | 2.2 | 0.8 | | 247 | 2.5 | 800 | 10 | -5 | 7 | 12000 | -5 | 650 | -2 | 40 | 7 | 800 | -10 | -1 | 10 | . | -2 | -5 | 88 |
| 4422 | WT001 | 36.2141 | 81.7093 | 2.2 | 0.8 | | 247 | 2.5 | 800 | 10 | -5 | 7 | 12000 | -5 | 650 | -2 | 40 | 7 | 800 | -10 | -1 | 10 | . | -2 | -5 | 88 |
| 4423 | WT002 | 36.1983 | 81.7390 | 2.0 | 0.6 | 1 | 242 | 2.0 | 2200 | 10 | -5 | 10 | 6000 | -5 | 550 | -2 | 25 | 7 | 600 | 10 | 2 | 5 | . | -2 | 5 | 88 |
| 4424 | WT002 | 36.1983 | 81.7390 | 2.0 | 0.6 | 1 | 242 | 2.0 | 2200 | 10 | -5 | 10 | 6000 | -5 | 550 | -2 | 25 | 7 | 600 | 10 | 2 | 5 | . | -2 | 5 | 88 |
| 4426 | WT003 | 36.1786 | 81.7462 | 2.2 | 0.4 | 2 | 95 | 2.5 | 600 | 5 | -5 | 5 | 18000 | 15 | 1450 | -2 | 25 | 5 | 400 | 27 | -1 | 15 | . | -2 | -5 | 48 |
| 4425 | WT003 | 36.1786 | 81.7462 | 2.2 | 0.4 | 2 | 95 | 2.5 | 600 | 5 | -5 | 5 | 18000 | 15 | 1450 | -2 | 25 | 5 | 400 | 27 | -1 | 15 | . | -2 | -5 | 48 |
| 4427 | WT004 | 36.1561 | 81.7711 | 1.1 | 0.3 | 7 | 270 | 3.0 | 600 | 10 | -5 | 13 | 10000 | 11 | 900 | -2 | 40 | 10 | 600 | 15 | -1 | 10 | . | 2 | -5 | 90 |
| 4428 | WT004 | 36.1561 | 81.7711 | 1.1 | 0.3 | 7 | 270 | 3.0 | 600 | 10 | -5 | 13 | 10000 | 11 | 900 | -2 | 40 | 10 | 600 | 15 | -1 | 10 | . | 2 | -5 | 90 |
| 4429 | WT005 | 36.1453 | 81.7690 | 1.4 | 0.5 | 1 | 167 | 2.0 | 500 | 10 | -5 | 14 | 9000 | 6 | 450 | -2 | 50 | 5 | 600 | -10 | -1 | -5 | . | -2 | 10 | 65 |
| 4430 | WT005 | 36.1453 | 81.7690 | 1.4 | 0.5 | 1 | 167 | 2.0 | 500 | 10 | -5 | 14 | 9000 | 6 | 450 | -2 | 50 | 5 | 600 | -10 | -1 | -5 | . | -2 | 10 | 65 |
| 4431 | WT006 | 36.1451 | 81.7968 | 2.6 | 0.4 | 7 | 237 | 3.0 | 800 | 10 | -5 | 12 | 9000 | 8 | 550 | 2 | 50 | 10 | 600 | 10 | 1 | 10 | . | -2 | 5 | 83 |

BOONE 100K QUADRANGLE - SUPPLEMENTAL STREAM SEDIMENT

| Lab # | County | Lat | Long | Uk | Ag | As | Ba | Be | Ca | Co | Cr | Cu | K | Li | Mg | Mo | Nb | Ni | P | Pb | Se | Sn | Sr | W | Y | Zn |
|-------|--------|---------|---------|------|-----|-----|-----|-----|------|-----|-----|-----|-------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| ID | | | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| 4432 | WT006 | 36.1451 | 81.7968 | 2.6 | 0.4 | 7 | 237 | 3.0 | 800 | 10 | -5 | 12 | 9000 | 8 | 550 | 2 | 50 | 10 | 600 | 10 | 1 | 10 | . | -2 | 5 | 83 |
| 4434 | WT007 | 36.1975 | 81.7819 | 2.2 | 0.4 | 0 | 132 | 2.0 | 200 | 8 | -5 | 10 | 11000 | 8 | 3550 | -2 | 30 | 7 | 300 | -10 | -1 | -5 | . | 2 | -5 | 35 |
| 4433 | WT007 | 36.1975 | 81.7819 | 2.2 | 0.4 | 0 | 132 | 2.0 | 200 | 8 | -5 | 10 | 11000 | 8 | 3550 | -2 | 30 | 7 | 300 | -10 | -1 | -5 | . | 2 | -5 | 35 |
| 4435 | WT008 | 36.1912 | 81.7890 | 3.1 | 0.5 | 0 | 180 | 1.5 | 200 | -5 | -5 | 5 | 14000 | 6 | 600 | -2 | -5 | 5 | 400 | -10 | 1 | 10 | . | -2 | -5 | 28 |
| 4436 | WT008 | 36.1912 | 81.7890 | 3.1 | 0.5 | 0 | 180 | 1.5 | 200 | -5 | -5 | 5 | 14000 | 6 | 600 | -2 | -5 | 5 | 400 | -10 | 1 | 10 | . | -2 | -5 | 28 |
| 4438 | WT009 | 36.1763 | 81.7985 | 3.6 | 0.6 | 0 | 160 | 2.0 | 400 | 10 | -5 | 8 | 11000 | -5 | 2000 | 3 | 35 | 10 | 500 | 12 | -1 | 10 | . | -2 | -5 | 28 |
| 4437 | WT009 | 36.1763 | 81.7985 | 3.6 | 0.6 | 0 | 160 | 2.0 | 400 | 10 | -5 | 8 | 11000 | -5 | 2000 | 3 | 35 | 10 | 500 | 12 | -1 | 10 | . | -2 | -5 | 28 |
| 4439 | WT010 | 36.1997 | 81.8089 | 3.1 | 0.8 | 0 | 352 | 2.0 | 600 | 8 | -5 | 8 | 13000 | -5 | 650 | 3 | 40 | 5 | 500 | 10 | 2 | -5 | . | -2 | -5 | 65 |
| 4440 | WT010 | 36.1997 | 81.8089 | 3.1 | 0.8 | 0 | 352 | 2.0 | 600 | 8 | -5 | 8 | 13000 | -5 | 650 | 3 | 40 | 5 | 500 | 10 | 2 | -5 | . | -2 | -5 | 65 |
| 4441 | WT011 | 36.2060 | 81.8335 | 1.9 | 0.5 | | 297 | 3.0 | 400 | 5 | -5 | 4 | 19000 | 5 | 500 | -2 | 35 | -5 | 300 | -10 | -1 | 15 | . | -2 | 5 | 40 |
| 4442 | WT011 | 36.2060 | 81.8335 | 1.9 | 0.5 | | 297 | 3.0 | 400 | 5 | -5 | 4 | 19000 | 5 | 500 | -2 | 35 | -5 | 300 | -10 | -1 | 15 | . | -2 | 5 | 40 |
| 4444 | WT012 | 36.2321 | 81.8498 | 2.3 | 0.3 | 1 | 232 | 3.5 | 200 | -5 | 12 | 3 | 19000 | 5 | 1400 | 2 | 25 | -5 | 400 | -10 | -1 | 15 | . | -2 | -5 | 33 |
| 4443 | WT012 | 36.2321 | 81.8498 | 2.3 | 0.3 | 1 | 232 | 3.5 | 200 | -5 | 12 | 3 | 19000 | 5 | 1400 | 2 | 25 | -5 | 400 | -10 | -1 | 15 | . | -2 | -5 | 33 |
| 4446 | WT013 | 36.2327 | 81.8190 | 12.5 | 0.2 | | 222 | 7.5 | 500 | 5 | -5 | 6 | 21000 | 9 | 2150 | 2 | 50 | -5 | 300 | 12 | 1 | 20 | . | 2 | -5 | 58 |
| 4445 | WT013 | 36.2327 | 81.8190 | 12.5 | 0.2 | | 222 | 7.5 | 500 | 5 | -5 | 6 | 21000 | 9 | 2150 | 2 | 50 | -5 | 300 | 12 | 1 | 20 | . | 2 | -5 | 58 |
| 4448 | WT014 | 36.2527 | 81.8149 | 0.1 | 0.3 | | 270 | 1.5 | -100 | 7 | 5 | 8 | 12000 | -5 | 2450 | -2 | -5 | 12 | 700 | 40 | 5 | -5 | . | -2 | -5 | 150 |
| 4447 | WT014 | 36.2527 | 81.8149 | 0.1 | 0.3 | | 270 | 1.5 | -100 | 7 | 5 | 8 | 12000 | -5 | 2450 | -2 | -5 | 12 | 700 | 40 | 5 | -5 | . | -2 | -5 | 150 |
| 4449 | WT015 | 36.2666 | 81.8532 | 0.1 | 0.3 | 1 | 225 | 2.0 | 100 | 5 | 5 | 4 | 14000 | -5 | 1300 | -2 | 5 | 7 | 600 | 10 | 1 | -5 | . | -2 | -5 | 42 |
| 4450 | WT015 | 36.2666 | 81.8532 | 0.1 | 0.3 | 1 | 225 | 2.0 | 100 | 5 | 5 | 4 | 14000 | -5 | 1300 | -2 | 5 | 7 | 600 | 10 | 1 | -5 | . | -2 | -5 | 42 |
| 4451 | WT016 | 36.2630 | 81.8934 | 0.2 | 0.3 | | 272 | 1.0 | -100 | 5 | 9 | 5 | 25000 | 5 | 1750 | -2 | 50 | 7 | 600 | 22 | 1 | -5 | . | -2 | -5 | 112 |
| 4452 | WT016 | 36.2630 | 81.8934 | 0.2 | 0.3 | | 272 | 1.0 | -100 | 5 | 9 | 5 | 25000 | 5 | 1750 | -2 | 50 | 7 | 600 | 22 | 1 | -5 | . | -2 | -5 | 112 |
| 4453 | WT017 | 36.2363 | 81.8904 | 0.3 | 0.1 | | 300 | 2.0 | -100 | 5 | 6 | 4 | 23000 | 5 | 2750 | -2 | 15 | 7 | 500 | 17 | 4 | -5 | . | -2 | -5 | 67 |
| 4454 | WT017 | 36.2363 | 81.8904 | 0.3 | 0.1 | | 300 | 2.0 | -100 | 5 | 6 | 4 | 23000 | 5 | 2750 | -2 | 15 | 7 | 500 | 17 | 4 | -5 | . | -2 | -5 | 67 |
| 4456 | WT018 | 36.2284 | 81.8771 | 0.3 | 0.3 | | 157 | 2.0 | 100 | 15 | 9 | 8 | 7000 | -5 | 3500 | -2 | 15 | 17 | 700 | 15 | 2 | -5 | . | -2 | -5 | 82 |
| 4455 | WT018 | 36.2284 | 81.8771 | 0.3 | 0.3 | | 157 | 2.0 | 100 | 15 | 9 | 8 | 7000 | -5 | 3500 | -2 | 15 | 17 | 700 | 15 | 2 | -5 | . | -2 | -5 | 82 |
| 4457 | WT019 | 36.2862 | 81.8789 | 0.2 | 0.2 | | 180 | 2.0 | 200 | 5 | 11 | 3 | 10000 | -5 | 2200 | 2 | 10 | 10 | 500 | 10 | 2 | -5 | . | -2 | -5 | 30 |
| 4458 | WT019 | 36.2862 | 81.8789 | 0.2 | 0.2 | | 180 | 2.0 | 200 | 5 | 11 | 3 | 10000 | -5 | 2200 | 2 | 10 | 10 | 500 | 10 | 2 | -5 | . | -2 | -5 | 30 |
| 4460 | WT020 | 36.3088 | 81.8534 | 0.2 | 0.3 | | 187 | 2.0 | 700 | 12 | 10 | 8 | 10000 | -5 | 5250 | -2 | 25 | 15 | 700 | 12 | 4 | -5 | . | -2 | -5 | 55 |
| 4459 | WT020 | 36.3088 | 81.8534 | 0.2 | 0.3 | | 187 | 2.0 | 700 | 12 | 10 | 8 | 10000 | -5 | 5250 | -2 | 25 | 15 | 700 | 12 | 4 | -5 | . | -2 | -5 | 55 |
| 4461 | WT021 | 36.2922 | 81.8249 | 0.1 | 0.2 | | 217 | 2.5 | -100 | -5 | 8 | 3 | 25000 | 5 | 450 | -2 | 30 | 10 | 500 | 20 | 1 | -5 | . | -2 | -5 | 87 |
| 4462 | WT021 | 36.2922 | 81.8249 | 0.1 | 0.2 | | 217 | 2.5 | -100 | -5 | 8 | 3 | 25000 | 5 | 450 | -2 | 30 | 10 | 500 | 20 | 1 | -5 | . | -2 | -5 | 87 |
| 4463 | WT022 | 36.2510 | 81.7858 | 0.4 | 0.4 | 1 | 97 | 3.3 | -100 | 5 | 7 | 2 | 20000 | -5 | 4330 | -2 | 100 | 5 | 200 | 17 | 1 | -5 | . | -2 | -5 | 72 |
| 4464 | WT023 | 36.2234 | 81.7867 | 0.5 | 0.2 | 1 | 550 | 1.5 | -100 | 5 | 5 | 2 | 35000 | 7 | 850 | -2 | 20 | 5 | 600 | 15 | -1 | 5 | . | -2 | -5 | 42 |
| 4465 | WT024 | 36.2373 | 81.7487 | 0.3 | 0.2 | | 185 | 1.0 | -100 | 5 | 10 | 8 | 11000 | 6 | 1250 | -2 | 15 | 7 | 600 | 15 | 3 | -5 | . | -2 | -5 | 62 |

BOONE 100K QUADRANGLE - SUPPLEMENTAL STREAM SEDIMENT

| Lab # | County | Lat | Long | Ux | Ag | As | Ba | Be | Ca | Co | Cr | Cu | K | Li | Mg | Mo | Nb | Ni | P | Pb | Se | Sn | Sr | W | Y | Zn |
|-------|--------|---------|---------|------|------|-----|-----|-----|------|-----|-----|-----|-------|-----|-------|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|
| ID | | | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| 4466 | WT025 | 36.3338 | 81.8296 | 0.6 | 0.2 | 1 | 523 | 1.0 | 100 | -5 | 10 | 2 | 19000 | 6 | 1000 | -2 | 15 | 5 | 500 | -10 | 1 | -5 | . | -2 | -5 | 25 |
| 4467 | WT026 | 36.3289 | 81.8172 | 0.3 | 0.3 | | 450 | 1.5 | -100 | -5 | 8 | 4 | 22000 | 5 | 1300 | -2 | 15 | 7 | 600 | 12 | -1 | -5 | . | -2 | -5 | 40 |
| 4468 | WT027 | 36.2935 | 81.8138 | 0.4 | 0.3 | | 135 | 1.0 | -100 | -5 | 6 | 2 | 18000 | -5 | 300 | 8 | 25 | 5 | 600 | 10 | -1 | -5 | . | -2 | -5 | 52 |
| 4469 | WT028 | 36.2868 | 81.7768 | 0.5 | 0.3 | 2 | 135 | 1.5 | -100 | 10 | 10 | 7 | 12000 | -5 | 2100 | -2 | 10 | 10 | 600 | -10 | 3 | -5 | . | -2 | -5 | 55 |
| 4470 | WT029 | 36.2857 | 81.7587 | 0.3 | 0.3 | 1 | 232 | 1.5 | 200 | 17 | 12 | 9 | 9000 | -5 | 3450 | -2 | 15 | 12 | 900 | 12 | 2 | -5 | . | -2 | -5 | 50 |
| 4471 | WT030 | 36.2660 | 81.7668 | 0.6 | 0.5 | | 297 | 1.0 | 200 | 15 | 10 | 10 | 9000 | -5 | 1950 | -2 | 10 | 20 | 900 | -10 | 2 | -5 | . | -2 | -5 | 52 |
| 4472 | WT031 | 36.3146 | 81.7570 | 0.9 | 0.5 | | 182 | 1.5 | -100 | 22 | 12 | 15 | 10000 | -5 | 5500 | -2 | 5 | 17 | 1000 | 12 | 1 | -5 | . | -2 | -5 | 72 |
| 4473 | WT032 | 36.3193 | 81.7715 | 1.0 | 0.3 | | 347 | 2.0 | 100 | 7 | 22 | 5 | 18000 | -5 | 4000 | -2 | 15 | 10 | 800 | 12 | | -5 | . | -2 | -5 | 52 |
| 4474 | WT033 | 36.3300 | 81.7483 | . | 0.3 | 1 | 35 | 1.5 | 600 | 10 | 6 | 12 | 5000 | 5 | 10000 | -2 | 15 | 17 | 800 | 27 | 2 | -5 | . | -2 | -5 | 47 |
| 4475 | WT034 | 36.3680 | 81.7100 | . | 0.3 | 1 | 142 | 1.5 | 400 | 12 | -5 | 10 | 8000 | 5 | 3650 | -2 | 15 | 17 | 800 | 15 | -1 | -5 | . | 2 | -5 | 57 |
| 4476 | WT035 | 36.3531 | 81.6800 | 0.6 | 0.4 | 1 | 57 | 1.0 | 400 | 5 | 6 | 17 | 2000 | 5 | 8000 | -2 | 10 | 12 | 600 | 17 | -1 | 5 | . | -2 | -5 | 32 |
| 4477 | WT036 | 36.3038 | 81.6840 | 0.4 | 0.4 | | 42 | 1.0 | -100 | 7 | 6 | 16 | 1000 | -5 | 3900 | -2 | 25 | 15 | 600 | 10 | -1 | -5 | . | -2 | -5 | 32 |
| 4478 | WT037 | 36.2798 | 81.6798 | 10.6 | 0.3 | 0 | 25 | 1.0 | -100 | 7 | 7 | 14 | 1000 | 7 | 9500 | 2 | 15 | 15 | 700 | 10 | -1 | -5 | . | -2 | -5 | 52 |
| 4479 | WT038 | 36.2679 | 81.7146 | 0.4 | 0.4 | 1 | 60 | 1.5 | -100 | 12 | 6 | 18 | 1000 | -5 | 2000 | -2 | 10 | 17 | 700 | 12 | -1 | -5 | . | -2 | -5 | 50 |
| 4480 | WT039 | 36.2672 | 81.6569 | 1.1 | 0.2 | 4 | 195 | 1.5 | -100 | 7 | 5 | 13 | 6000 | -5 | 900 | -2 | 5 | 12 | 500 | -10 | -1 | -5 | . | -2 | -5 | 27 |
| 4481 | WT040 | 36.3077 | 81.6047 | 1.0 | 0.3 | 1 | 42 | 1.0 | -100 | 7 | 7 | 13 | 2000 | -5 | 5250 | -2 | 5 | 15 | 600 | -10 | 3 | -5 | . | -2 | -5 | 25 |
| 4482 | WT041 | 36.3252 | 81.6259 | 0.7 | 0.2 | 1 | 27 | 1.0 | -100 | 7 | 9 | 12 | 1000 | -5 | 3750 | -2 | 15 | 22 | 500 | -10 | -1 | -5 | . | -2 | -5 | 27 |
| 4483 | WT042 | 36.2884 | 81.6501 | 0.5 | 0.2 | 1 | 62 | 1.0 | -100 | 5 | 8 | 11 | 1000 | -5 | 6000 | -2 | 10 | 15 | 600 | -10 | -1 | -5 | . | -2 | -5 | 35 |
| 4484 | WT043 | 36.2519 | 81.6171 | 1.5 | 0.3 | 1 | 70 | 1.0 | -100 | 10 | 7 | 13 | 3000 | -5 | 4500 | -2 | 5 | 12 | 600 | -10 | -1 | -5 | . | -2 | -5 | 27 |
| 4485 | WT044 | 36.2679 | 81.5929 | 0.5 | 0.2 | 1 | 50 | 0.5 | 200 | 7 | 7 | 12 | 3000 | -5 | 4200 | -2 | 5 | 15 | 600 | -10 | 4 | -5 | . | -2 | -5 | 45 |
| 4486 | WT045 | 36.2413 | 81.6625 | 3.1 | 0.2 | 2 | 105 | 2.0 | -100 | 7 | 7 | 19 | 4000 | -5 | 3150 | -2 | -5 | 17 | 700 | 10 | 2 | -5 | . | -2 | -5 | 65 |
| 4487 | WT046 | 36.2186 | 81.6395 | 2.0 | 0.2 | 1 | 140 | 2.0 | -100 | 5 | 6 | 6 | 10000 | 6 | 1050 | -2 | -5 | 12 | 700 | 17 | -1 | -5 | . | -2 | -5 | 25 |
| 4488 | WT047 | 36.1920 | 81.6881 | 1.7 | 0.2 | 2 | 167 | 2.0 | -100 | 7 | 5 | 5 | 11000 | 25 | 700 | -2 | 20 | 5 | 500 | 25 | 1 | -5 | . | -2 | -5 | 30 |
| 4489 | WT048 | 36.1718 | 81.6843 | 1.1 | 0.2 | 4 | 112 | 2.0 | -100 | 5 | 6 | 3 | 9000 | 20 | 1850 | -2 | 10 | 10 | 800 | 10 | 1 | -5 | . | -2 | -5 | 35 |
| 4490 | WT049 | 36.1379 | 81.7268 | 2.2 | 0.2 | 1 | 55 | 2.0 | -100 | -5 | 5 | 3 | 7000 | 14 | 750 | -2 | -5 | 15 | 600 | 10 | -1 | -5 | . | -2 | -5 | 7 |
| 4491 | WT050 | 36.1253 | 81.7561 | 1.7 | -0.1 | 1 | 47 | 1.5 | -100 | -5 | 5 | -2 | 12000 | 11 | 1450 | 2 | -5 | 7 | 500 | -10 | 1 | -5 | . | -2 | -5 | 75 |
| 4492 | WT051 | 36.1372 | 81.6716 | 2.2 | 0.1 | 2 | 145 | 2.5 | -100 | 10 | 5 | 7 | 13000 | 9 | 1750 | -2 | 5 | 15 | 700 | 30 | -1 | -5 | . | -2 | -5 | 47 |
| 4493 | WT052 | 36.1807 | 81.6456 | 1.8 | 0.3 | 1 | 120 | 2.0 | 100 | 5 | 5 | 3 | 15000 | 9 | 1750 | -2 | 10 | 12 | 1000 | 15 | -1 | -5 | . | -2 | -5 | 25 |
| 4494 | WT053 | 36.1930 | 81.6332 | 2.7 | 0.2 | 1 | 125 | 1.5 | -100 | -5 | -5 | 2 | 11000 | 7 | 700 | -2 | 5 | 7 | 400 | -10 | -1 | -5 | . | -2 | -5 | 47 |
| 4495 | WT054 | 36.1810 | 81.6101 | 1.6 | 0.1 | 1 | 132 | 1.5 | 100 | -5 | 6 | 2 | 15000 | 9 | 1150 | -2 | 10 | 12 | 400 | 12 | 1 | -5 | . | -2 | -5 | 25 |
| 4496 | WT055 | 36.1198 | 81.6289 | 1.6 | 0.3 | | 205 | 2.0 | 200 | 7 | 5 | 6 | 9000 | 8 | 3050 | -2 | 10 | 15 | 1100 | 17 | -1 | -5 | . | -2 | -5 | 62 |
| 4497 | WT056 | 36.1204 | 81.5950 | 1.7 | 0.3 | 1 | 57 | 2.0 | -100 | 7 | 5 | 8 | 9000 | 9 | 2400 | -2 | -5 | 17 | 500 | 12 | -1 | -5 | . | -2 | -5 | 45 |
| 4498 | WT057 | 36.1402 | 81.5651 | 1.1 | 0.2 | 1 | 32 | 1.5 | -100 | -5 | -5 | 3 | 13000 | 6 | 1250 | -2 | 5 | 10 | 400 | -10 | 1 | -5 | . | -2 | -5 | 30 |
| 4499 | WT058 | 36.1631 | 81.5029 | 2.1 | 0.2 | | 135 | 2.0 | -100 | 5 | -5 | 3 | 14000 | 7 | 1600 | -2 | -5 | 10 | 500 | -10 | 1 | -5 | . | -2 | -5 | 32 |

BOONE 100K QUADRANGLE - SUPPLEMENTAL STREAM SEDIMENT

| Lab # | County | Lat | Long | Ux | Ag | As | Ba | Be | Ca | Co | Cr | Cu | K | Li | Mg | Mo | Nb | Ni | P | Pb | Se | Sn | Sr | M | Y | Zn |
|-------|--------|---------|---------|-----|-----|-----|-----|-----|------|-----|-----|-----|-------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| ID | | | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| 4500 | WT059 | 36.1917 | 81.5289 | 1.1 | 0.2 | 1 | 142 | 2.0 | 200 | 10 | 5 | 10 | 8000 | 6 | 2200 | -2 | -5 | 20 | 800 | 12 | -1 | -5 | . | -2 | -5 | 52 |
| 4501 | WT060 | 36.2038 | 81.5592 | 1.6 | 0.2 | 2 | . | . | 100 | 5 | . | 5 | . | . | . | -2 | -5 | 12 | . | -10 | 1 | -5 | . | -2 | -5 | 30 |
| 4502 | WT061 | 36.1990 | 81.5013 | 0.9 | 0.4 | 2 | 77 | 2.0 | -100 | 5 | 5 | 13 | 7000 | 17 | 2000 | -2 | 5 | 22 | 500 | 12 | -1 | -5 | . | -2 | -5 | 60 |
| 4503 | WT062 | 36.2030 | 81.4695 | 0.9 | 0.3 | 1 | 150 | 2.0 | 100 | 5 | 6 | 10 | 13000 | 8 | 2900 | -2 | 10 | 12 | 500 | 12 | -1 | -5 | . | -2 | -5 | 32 |
| 4504 | WT063 | 36.2113 | 81.4647 | 2.4 | 0.1 | 1 | 112 | 2.0 | 100 | 10 | -5 | 11 | 14000 | 10 | 3350 | -2 | 5 | 17 | 600 | 20 | -1 | -5 | . | -2 | -5 | 45 |
| 4505 | WT064 | 36.2501 | 81.5045 | 2.0 | 0.2 | 3 | 57 | 2.0 | 100 | -5 | -5 | 5 | 10000 | 11 | 1650 | -2 | 5 | 10 | 500 | -10 | -1 | -5 | . | -2 | -5 | 25 |
| 4506 | WT065 | 36.2354 | 81.5222 | 1.1 | 0.2 | 2 | 52 | 2.0 | -100 | 5 | 5 | 7 | 7000 | 10 | 2500 | -2 | -5 | 12 | 600 | -10 | -1 | -5 | . | -2 | -5 | 30 |
| 4507 | WT066 | 36.2665 | 81.5504 | 1.7 | 0.1 | | 60 | 2.5 | -100 | 5 | 6 | 7 | 8000 | 12 | 1100 | -2 | -5 | 15 | 600 | -10 | -1 | -5 | . | -2 | -5 | 32 |
| 4508 | WT067 | 36.2473 | 81.5778 | 1.9 | 0.1 | 8 | 25 | 1.5 | 100 | 5 | -5 | 5 | 7000 | 15 | 2350 | -2 | 5 | 12 | 600 | -10 | -1 | -5 | . | -2 | -5 | 25 |
| 4509 | WT068 | 36.2398 | 81.5947 | 1.1 | 0.2 | 2 | 65 | 0.5 | -100 | 7 | 6 | 6 | 7000 | 9 | 1950 | -2 | 5 | 12 | 600 | 10 | 5 | . | -2 | -5 | 40 | |

WYTHEVILLE QUAD - SUPPLEMENTAL SEDIMENT

| Lab # | County | Lat | Long | Ux | Ag | As | Ba | Be | Ca | Co | Cr | Cu | K | Li | Mg | Mo | Nb | Ni | P | Pb | Se | Sn | Sr | W | Y | Zn |
|-------|--------|---------|---------|-----|------|-----|-----|-----|------|-----|-----|-----|-------|-----|------|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|
| ID | | | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| 67 | AG008 | 36.5433 | 81.0225 | 0.9 | 0.3 | 1 | 117 | 1.0 | -100 | 7 | 7 | 7 | 8000 | 5 | 600 | -2 | 20 | 17 | 400 | -10 | -1 | -5 | - | -2 | -5 | 32 |
| 68 | AG009 | 36.5436 | 81.0584 | 0.4 | 0.1 | | 77 | 0.5 | -100 | 5 | 10 | 5 | 8000 | -5 | 2050 | -2 | 15 | 22 | 600 | -10 | 2 | -5 | - | -2 | -5 | 35 |
| 69 | AG010 | 36.5246 | 81.0704 | 0.9 | 0.2 | | 57 | 1.5 | -100 | 5 | | 5 | 6000 | 5 | 1700 | -2 | 30 | 12 | | -10 | 5 | -5 | - | -2 | -5 | 25 |
| 70 | AG011 | 36.5114 | 81.1051 | 0.5 | 0.2 | 1 | 110 | 1.0 | -100 | 10 | 8 | 6 | 10000 | 7 | 1000 | -2 | 15 | 17 | 500 | 10 | 2 | -5 | - | -2 | -5 | 40 |
| 71 | AG012 | 36.5141 | 81.1470 | 1.5 | 0.2 | | 125 | 1.5 | 100 | 7 | 5 | 5 | 10000 | 13 | 2500 | -2 | 10 | 12 | 500 | -10 | 2 | -5 | - | -2 | -5 | 40 |
| 83 | AG024 | 36.5003 | 81.3091 | 0.9 | 0.3 | | 97 | 1.0 | 100 | 7 | 7 | 10 | 7000 | -5 | 1750 | -2 | 20 | 12 | 600 | 10 | 4 | -5 | - | -2 | -5 | 37 |
| 84 | AG025 | 36.5158 | 81.3155 | 1.1 | 0.1 | 1 | 150 | 1.5 | 100 | 7 | 8 | 7 | 8000 | -5 | 2300 | -2 | 15 | 15 | 800 | -10 | 1 | -5 | - | -2 | -5 | 40 |
| 85 | AG026 | 36.5599 | 81.3538 | 1.1 | 0.2 | | 162 | 1.0 | 100 | 10 | 10 | 5 | 13000 | -5 | 950 | -2 | 15 | 15 | 800 | -10 | 3 | -5 | - | -2 | -5 | 37 |
| 86 | AG027 | 36.5296 | 81.3287 | 1.2 | 0.4 | | 345 | 2.0 | 500 | 10 | 7 | 11 | 8000 | -5 | 600 | -2 | 15 | 17 | 1600 | -10 | 1 | -5 | - | -2 | -5 | 62 |
| 87 | AG028 | 36.5403 | 81.2598 | 1.0 | 0.2 | | 22 | 1.5 | -100 | -5 | 6 | 5 | 5000 | 5 | 4150 | -2 | 55 | 7 | 500 | -10 | 5 | -5 | - | -2 | -5 | 20 |
| 88 | AG029 | 36.5485 | 81.2286 | 0.7 | 0.2 | | 40 | 1.0 | -100 | 5 | 7 | 7 | 7000 | -5 | 1550 | -2 | 15 | 7 | 400 | -10 | 1 | -5 | - | -2 | -5 | 32 |
| 89 | AG030 | 36.5553 | 81.2178 | 0.7 | 0.2 | 1 | 70 | 1.0 | -100 | 5 | 8 | 9 | 6000 | -5 | 1200 | -2 | 25 | 10 | 400 | -10 | 5 | -5 | - | -2 | -5 | 20 |
| 90 | AG031 | 36.5658 | 81.2086 | 0.7 | 0.4 | 3 | 172 | 1.5 | -100 | 7 | 12 | 10 | 12000 | -5 | 1300 | -2 | 5 | 17 | 400 | 10 | 4 | -5 | - | -2 | -5 | 57 |
| 91 | AG032 | 36.5443 | 81.1881 | 1.1 | 0.2 | 15 | 130 | 2.0 | -100 | 5 | 5 | 5 | 10000 | -5 | 700 | 3 | 5 | 12 | 600 | -10 | 2 | -5 | - | -2 | -5 | 35 |
| 92 | AG033 | 36.5059 | 81.2243 | 0.1 | 0.4 | | 215 | 1.5 | -100 | 12 | 8 | 13 | 10000 | 5 | 2300 | -2 | 15 | 15 | 500 | 15 | 3 | -5 | - | -2 | -5 | 65 |
| 93 | AG034 | 36.5111 | 81.2167 | 0.2 | 0.3 | | 187 | 1.5 | -100 | 5 | 5 | 5 | 9000 | 5 | 2250 | -2 | 15 | 7 | 500 | -10 | 5 | -5 | - | -2 | -5 | 27 |
| 94 | AG035 | 36.5199 | 81.2176 | 0.5 | 0.3 | | 122 | 1.5 | -100 | 7 | 5 | 12 | 10000 | -5 | 1350 | -2 | 10 | 10 | 600 | 12 | 5 | -5 | - | -2 | -5 | 30 |
| 96 | AG037 | 36.5577 | 81.1506 | 0.3 | 0.2 | | 60 | 1.0 | -100 | 7 | 6 | 8 | 10000 | -5 | 2500 | 4 | 10 | 10 | 600 | 10 | 5 | -5 | - | -2 | -5 | 45 |
| 105 | AG046 | 36.5004 | 81.0377 | 0.2 | 0.1 | 1 | 137 | 1.5 | -100 | 7 | 8 | 10 | 11000 | 9 | 3000 | -2 | 60 | 15 | 500 | -10 | 4 | -5 | - | -2 | -5 | 32 |
| 106 | AG047 | 36.5056 | 81.0047 | 0.5 | 0.1 | | 72 | 2.0 | -100 | -5 | 8 | 5 | 11000 | 10 | 2650 | -2 | 65 | 10 | 600 | -10 | 1 | -5 | - | -2 | -5 | 20 |
| 298 | AS049 | 36.5004 | 81.4800 | 0.3 | 0.2 | 0 | 132 | 1.0 | 400 | 10 | 7 | 7 | 5000 | -5 | 2500 | -2 | 5 | 7 | 1100 | -10 | -1 | 5 | - | -2 | -5 | 37 |
| 299 | AS050 | 36.5187 | 81.5217 | 1.0 | 0.3 | | 162 | 1.5 | 600 | 7 | 7 | 10 | 6000 | -5 | 4150 | -2 | 20 | 10 | 1000 | 17 | 1 | -5 | - | -2 | 20 | 62 |
| 300 | AS051 | 36.5106 | 81.5464 | 0.3 | 0.5 | 0 | 157 | 1.0 | 600 | 15 | 8 | 11 | 14000 | -5 | 2500 | -2 | 20 | 10 | 1000 | 10 | -1 | -5 | - | -2 | 10 | 47 |
| 301 | AS052 | 36.5322 | 81.5068 | 0.3 | 0.5 | 1 | 122 | 1.5 | 800 | 10 | 8 | 10 | 6000 | 5 | 2600 | -2 | 10 | 10 | 1000 | 15 | 1 | -5 | - | -2 | -5 | 60 |
| 302 | AS053 | 36.5527 | 81.4813 | 1.0 | 0.2 | 2 | 177 | 2.0 | 500 | 12 | 9 | 10 | 13000 | -5 | 3250 | 2 | 15 | 12 | 1000 | 17 | -1 | -5 | - | -2 | -5 | 70 |
| 303 | AS054 | 36.5892 | 81.6164 | 0.6 | -0.1 | 0 | 245 | 1.5 | 300 | -5 | 7 | 7 | 23000 | 6 | 2050 | -2 | 15 | -5 | 800 | 12 | 1 | 5 | - | 3 | -5 | 30 |
| 304 | AS055 | 36.5538 | 81.6130 | 1.2 | 0.3 | 0 | 502 | 2.5 | 200 | -5 | 12 | 6 | 15000 | 8 | 1200 | -2 | 15 | -5 | 900 | 22 | 1 | 5 | - | 5 | 10 | 27 |
| 305 | AS056 | 36.5297 | 81.5960 | 0.9 | 0.3 | 0 | 270 | 1.5 | 700 | 12 | 9 | 11 | 13000 | -5 | 750 | -2 | 5 | 12 | 900 | 15 | 1 | -5 | - | -2 | -5 | 60 |
| 306 | AS057 | 36.5463 | 81.6636 | 1.3 | -0.1 | 2 | 347 | 1.5 | 500 | 10 | 8 | 21 | 6000 | -5 | 950 | -2 | 10 | 7 | 800 | 10 | 3 | 10 | - | -2 | -5 | 35 |
| 307 | AS058 | 36.5351 | 81.6721 | 1.2 | -0.1 | 0 | 327 | 2.0 | 100 | 7 | 6 | 5 | 19000 | 10 | 500 | -2 | 15 | -5 | 700 | -10 | -1 | -5 | - | 4 | -5 | 52 |
| 308 | AS059 | 36.5656 | 81.5364 | 0.6 | 0.2 | 3 | 310 | 1.5 | 500 | 5 | 9 | 11 | 16000 | -5 | 800 | -2 | 20 | 7 | 900 | 27 | -1 | -5 | - | -2 | -5 | 60 |
| 309 | AS060 | 36.5779 | 81.5734 | 0.9 | 0.4 | 1 | 375 | 2.0 | 300 | 5 | 7 | 9 | 17000 | 5 | 550 | -2 | 15 | 7 | 1000 | 22 | -1 | -5 | - | 3 | 5 | 62 |
| 310 | AS061 | 36.5522 | 81.4409 | 1.5 | 0.3 | | 217 | 1.5 | 600 | 10 | 7 | 6 | 7000 | -5 | 750 | -2 | 15 | 5 | 1000 | 12 | 1 | -5 | - | 2 | -5 | 45 |
| 311 | AS062 | 36.5375 | 81.4214 | 1.2 | -0.1 | 7 | 80 | 0.5 | 400 | 7 | 7 | 10 | 4000 | 5 | 1350 | -2 | 5 | 10 | 1000 | -10 | 1 | -5 | - | 2 | -5 | 50 |

WYTHEVILLE QUAD - SUPPLEMENTAL SEDIMENT

| Lab # | County | Lat | Long | Ux | Ag | As | Ba | Be | Ca | Co | Cr | Cu | K | Li | Mg | Mo | Nb | Ni | P | Pb | Se | Sn | Sr | W | Y | Zn |
|-------|--------|---------|---------|-----|-----|-----|-----|-----|------|-----|-----|-----|-------|-----|------|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|
| | ID | | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| 313 | AS064 | 36.5114 | 81.4481 | 0.3 | 0.4 | 0 | 30 | 1.0 | 500 | 7 | 7 | 7 | 9000 | 6 | 7450 | -2 | 10 | 10 | 1000 | 12 | 1 | -5 | . | -2 | 5 | 42 |
| 321 | AS071 | 36.5261 | 81.3376 | 0.3 | 0.2 | 0 | 45 | 1.5 | -100 | -5 | 9 | 11 | 5000 | 5 | 4350 | 4 | 20 | 7 | 900 | 10 | -1 | -5 | . | -2 | 15 | 30 |
| 323 | AS073 | 36.5072 | 81.3894 | 1.0 | 0.3 | | 100 | 1.0 | 100 | 5 | 10 | 8 | 5000 | -5 | 3150 | 3 | 25 | 5 | 1000 | -10 | -1 | -5 | . | -2 | 5 | 45 |
| 324 | AS074 | 36.5409 | 81.3709 | 0.7 | 0.3 | 1 | 112 | 1.5 | -100 | 10 | 8 | 11 | 8000 | -5 | 4450 | -2 | 15 | 7 | 1100 | -10 | -1 | -5 | . | 2 | 10 | 47 |
| 325 | AS075 | 36.5748 | 81.3884 | 1.3 | 0.4 | 0 | 182 | 1.5 | 100 | 10 | 6 | 7 | 14000 | -5 | 1150 | -2 | 15 | 5 | 1600 | -10 | -1 | -5 | . | -2 | 20 | 52 |
| 326 | AS076 | 36.5668 | 81.4135 | 0.7 | 0.3 | 0 | 90 | 1.5 | 100 | 12 | 8 | 11 | 10000 | 5 | 4500 | 2 | 15 | 12 | 1300 | 12 | -1 | -5 | . | 2 | 10 | 115 |

BOONE 100K QUADRANGLE - GROUNDWATER

| Lab # | County | Lat | Long | pH | Cond um/cm | U ppb | Br ppb | Cl ppb | F ppb | Mg ppb | Mn ppb | Na ppb | V U/cond ppb x 1000 | Al ppb | Dy ppb | |
|-------|--------|---------|---------|-----|---------------|----------|-----------|-----------|----------|-----------|-----------|-----------|------------------------|-----------|-----------|--------|
| 8 | AE508 | 36.0174 | 81.2558 | 6.3 | 50 | 0.019 | 16 | 6800 | . | 2070 | . | 3090 | -0.1 | 0.3 | 14 | -0.001 |
| 9 | AE509 | 36.0082 | 81.1909 | 6.4 | 33 | 0.029 | 13 | 5000 | . | 1680 | 12 | 2220 | 0.3 | 0.8 | 22 | -0.001 |
| 12 | AE512 | 36.0076 | 81.1407 | 6.2 | 34 | 0.040 | 26 | 5500 | . | 2580 | 18 | 2210 | 0.1 | 1.1 | 23 | -0.001 |
| 13 | AE513 | 36.0085 | 81.0817 | 5.6 | 25 | 0.029 | 24 | 5400 | . | . | 13 | 2530 | -0.1 | 1.1 | 29 | 0.040 |
| 14 | AE514 | 36.0025 | 81.0254 | 6.3 | 24 | 0.016 | 16 | 5400 | . | 590 | 30 | 1640 | -0.1 | 0.6 | 14 | -0.001 |
| 27 | AG501 | 36.4930 | 81.1427 | 6.8 | 20 | 0.027 | 13 | 3900 | . | 900 | 11 | 1350 | 0.2 | 1.3 | 18 | -0.001 |
| 28 | AG502 | 36.4505 | 81.1250 | 6.4 | 20 | 0.046 | . | 4800 | . | 490 | . | 1600 | -0.1 | 2.3 | 23 | -0.001 |
| 29 | AG503 | 36.4548 | 81.1722 | 7.0 | 52 | 0.025 | . | 5600 | . | . | 33 | M | -0.1 | 0.4 | 17 | -0.001 |
| 30 | AG504 | 36.4193 | 81.1969 | 6.5 | 20 | 0.022 | 13 | 4500 | 18 | 340 | 3 | 1380 | 0.1 | 1.1 | 19 | -0.001 |
| 31 | AG505 | 36.4120 | 81.2405 | 6.0 | 20 | 0.022 | 18 | 4400 | 23 | 140 | 3 | 1210 | -0.1 | 1.1 | 20 | -0.001 |
| 32 | AG506 | 36.4443 | 81.2353 | 6.2 | 20 | 0.023 | 15 | 4300 | 18 | . | 6 | 2100 | -0.1 | 1.1 | 17 | -0.001 |
| 33 | AG507 | 36.4946 | 81.2403 | 6.2 | 27 | 0.019 | 6 | M | . | M | 5 | M | -0.1 | 0.7 | 18 | -0.001 |
| 46 | AG520 | 36.4051 | 81.0145 | 5.4 | 30 | 0.025 | 14 | 6200 | . | 370 | 37 | 1760 | -0.1 | 0.8 | 24 | -0.001 |
| 47 | AG521 | 36.4497 | 81.0141 | 5.4 | 48 | 0.022 | 17 | 9000 | . | . | 34 | 4870 | -0.1 | 0.4 | 109 | 0.310 |
| 48 | AG522 | 36.4970 | 81.0182 | 5.8 | 25 | 0.025 | 11 | 4300 | 13 | 520 | 11 | 1480 | -0.1 | 1.0 | 18 | -0.001 |
| 49 | AG523 | 36.4993 | 81.0735 | 5.9 | 40 | 0.025 | . | M | . | M | 14 | M | -0.1 | 0.6 | 18 | 0.040 |
| 50 | AG524 | 36.4500 | 81.0806 | 5.9 | 22 | 0.060 | 17 | 4500 | . | 540 | 5 | 1160 | -0.1 | 2.7 | 25 | -0.001 |
| 149 | AS501 | 36.4049 | 81.5228 | 7.9 | 118 | 0.033 | . | M | . | M | 9 | M | -0.1 | 0.2 | 19 | -0.001 |
| 150 | AS502 | 36.4114 | 81.5715 | 7.5 | 135 | 0.032 | . | 4600 | 25 | 2260 | . | 1860 | 0.3 | 0.2 | 23 | -0.001 |
| 151 | AS503 | 36.3750 | 81.6157 | 7.2 | 130 | 0.026 | . | 4200 | 20 | . | 14 | 1560 | 0.4 | 0.2 | 15 | 0.890 |
| 152 | AS504 | 36.4134 | 81.6244 | 7.1 | 112 | 0.032 | 11 | 3800 | 25 | . | 10 | M | -0.1 | 0.2 | 15 | -0.001 |
| 153 | AS505 | 36.4026 | 81.6879 | 7.0 | 135 | 0.036 | 10 | 4500 | 95 | 2110 | 15 | 2100 | 0.4 | 0.2 | 16 | -0.001 |
| 154 | AS506 | 36.4014 | 81.7415 | 7.7 | 128 | 0.035 | . | 4100 | 33 | 2570 | 18 | 1790 | 0.9 | 0.2 | 15 | -0.001 |
| 155 | AS507 | 36.4506 | 81.6827 | 7.5 | 115 | 0.026 | . | 4000 | 12 | 1240 | . | 1550 | 0.1 | 0.2 | 16 | -0.001 |
| 156 | AS508 | 36.4508 | 81.6335 | 7.1 | 130 | 0.037 | 26 | 5000 | 79 | 1640 | . | 2280 | 0.2 | 0.2 | 16 | -0.001 |
| 157 | AS509 | 36.4890 | 81.6268 | 7.0 | 118 | 0.034 | 5 | 4000 | 20 | 1010 | . | 1150 | 0.2 | 0.2 | 15 | -0.001 |
| 158 | AS510 | 36.4887 | 81.6940 | 7.0 | 139 | 0.034 | 15 | 5100 | . | 630 | . | 4290 | 0.2 | 0.2 | 23 | -0.001 |
| 165 | AS517 | 36.4922 | 81.5101 | 6.7 | 112 | 0.044 | 20 | 3900 | 72 | . | 3 | 1980 | 0.2 | 0.3 | 35 | -0.001 |
| 166 | AS518 | 36.4924 | 81.5738 | 7.0 | 120 | 0.017 | 7 | 2200 | 57 | 600 | 7 | 1020 | 0.4 | 0.1 | 25 | -0.001 |
| 167 | AS519 | 36.4475 | 81.5712 | 6.5 | 130 | 0.029 | . | 4300 | . | . | 14 | 1270 | 0.3 | 0.2 | 18 | -0.001 |
| 168 | AS520 | 36.4446 | 81.5176 | 6.0 | 125 | 0.035 | 23 | 4000 | 43 | . | 8 | 2530 | 0.2 | 0.2 | 18 | -0.001 |
| 169 | AS521 | 36.3946 | 81.4671 | 6.5 | 211 | 0.032 | 11 | 4000 | 26 | . | 44 | M | 0.2 | 0.1 | 28 | -0.001 |
| 170 | AS522 | 36.4465 | 81.4584 | 7.4 | 120 | 0.042 | 10 | 3900 | 31 | 1310 | 9 | 1560 | 0.4 | 0.3 | 34 | -0.001 |
| 171 | AS523 | 36.4901 | 81.4546 | 6.8 | 120 | 0.039 | 9 | 3600 | 24 | 1160 | 8 | 2170 | 0.3 | 0.3 | 18 | -0.001 |
| 174 | AS526 | 36.4919 | 81.3995 | 6.0 | 104 | 0.044 | 20 | 3600 | . | 330 | . | 1200 | -0.1 | 0.4 | 16 | -0.001 |
| 175 | AS527 | 36.4508 | 81.4025 | 6.6 | 120 | 0.039 | 15 | 3300 | 14 | 1470 | 8 | 2590 | 0.5 | 0.3 | 17 | 0.030 |
| 176 | AS528 | 36.3587 | 81.5462 | 7.2 | 120 | 0.048 | . | 4000 | . | 1270 | 9 | 1510 | 0.1 | 0.4 | 21 | -0.001 |
| 177 | AS529 | 36.3581 | 81.5001 | 7.3 | 112 | 0.034 | 12 | 3300 | 12 | . | 8 | 830 | 0.3 | 0.3 | 43 | -0.001 |

BOONE 100K QUADRANGLE - GROUNDWATER

| Lab # | Country ID | Lat | Long | pH | Cond um/cm | U ppb | Br ppb | Cl ppb | F ppb | Mg ppb | Mn ppb | Na ppb | V U/cond ppb x 1000 | Al ppb | Dy ppb | |
|-------|------------|---------|---------|-----|---------------|----------|-----------|-----------|----------|-----------|-----------|-----------|------------------------|-----------|-----------|--------|
| 178 | AS530 | 36.3613 | 81.4401 | 7.1 | 101 | 0.029 | 35 | 4000 | 17 | . | 8 | 1140 | -0.1 | 0.2 | 18 | -0.001 |
| 179 | AS531 | 36.3133 | 81.4615 | 6.7 | 100 | 0.038 | 22 | 3900 | 25 | 630 | 6 | 870 | -0.1 | 0.3 | 22 | -0.001 |
| 180 | AS532 | 36.3181 | 81.5108 | 6.6 | 107 | 0.050 | 18 | 3500 | . | . | 15 | 1470 | -0.1 | 0.4 | 15 | -0.001 |
| 181 | AS533 | 36.3145 | 81.5669 | 6.6 | 121 | 0.038 | . | 3700 | 24 | 2240 | 16 | 1160 | 0.8 | 0.3 | 12 | -0.001 |
| 182 | AS534 | 36.2657 | 81.5036 | 6.7 | 108 | 0.035 | 17 | 3600 | . | 970 | . | 730 | 0.2 | 0.3 | 23 | -0.001 |
| 183 | AS535 | 36.2724 | 81.4550 | 6.5 | 100 | 0.026 | 28 | 3900 | . | . | 33 | 890 | -0.1 | 0.2 | 17 | 0.020 |
| 184 | AS536 | 36.3199 | 81.3949 | 6.4 | 122 | 0.047 | 7 | 8000 | . | . | . | M | -0.1 | 0.3 | 14 | -0.001 |
| 185 | AS537 | 36.3593 | 81.3789 | 6.3 | 100 | 0.030 | 28 | 4300 | 14 | . | 6 | M | -0.1 | 0.3 | 20 | -0.001 |
| 186 | AS538 | 36.4094 | 81.3964 | 6.6 | 110 | 0.035 | 17 | 4400 | 23 | 360 | 17 | 1720 | 0.2 | 0.3 | 24 | 0.030 |
| 187 | AS539 | 36.4114 | 81.3422 | 6.0 | 100 | 0.046 | 18 | 4000 | . | . | 8 | 940 | -0.1 | 0.4 | 23 | -0.001 |
| 188 | AS540 | 36.4097 | 81.2860 | 6.5 | 148 | 0.048 | 18 | 3900 | 31 | 1540 | 40 | 2600 | 0.1 | 0.3 | 17 | -0.001 |
| 189 | AS541 | 36.4492 | 81.2919 | 7.1 | 100 | 0.030 | . | 3600 | . | . | 6 | 1260 | 0.3 | 0.3 | 43 | 0.090 |
| 190 | AS542 | 36.4549 | 81.3418 | 6.5 | 102 | 0.030 | 25 | 4300 | 25 | 730 | 7 | 1390 | 0.2 | 0.2 | 17 | -0.001 |
| 191 | AS543 | 36.4961 | 81.3498 | 7.0 | 120 | 0.048 | 8 | 4100 | . | 1110 | 12 | 3840 | 0.9 | 0.4 | 27 | 0.030 |
| 193 | AV501 | 36.1399 | 81.8529 | 7.4 | 18 | 0.032 | 39 | 5100 | 113 | 390 | 5 | 1610 | 0.1 | 1.7 | 36 | -0.001 |
| 194 | AV502 | 36.1769 | 81.8697 | 6.9 | 15 | 0.025 | 24 | 5300 | . | . | 7 | 2180 | 0.2 | 1.6 | 15 | -0.001 |
| 195 | AV503 | 36.1820 | 81.9253 | 8.1 | 22 | 0.019 | 46 | 4000 | 23 | 350 | . | 2250 | 0.6 | 0.8 | 52 | -0.001 |
| 196 | AV504 | 36.2222 | 81.9301 | 7.0 | 60 | 0.088 | 57 | 8300 | 18 | 1580 | . | 6410 | 0.3 | 1.4 | 61 | -0.001 |
| 197 | AV505 | 36.2637 | 81.9253 | 7.2 | 15 | 0.031 | 27 | 4000 | . | . | 3 | 2130 | -0.1 | 2.0 | 13 | -0.001 |
| 198 | AV506 | 36.1782 | 81.9819 | 6.6 | 32 | 0.024 | . | 5500 | 33 | 860 | 14 | 3300 | 0.2 | 0.7 | 13 | -0.001 |
| 199 | AV507 | 36.1334 | 81.9786 | 6.7 | 22 | 0.019 | 41 | 5500 | 53 | 780 | 20 | 2210 | -0.1 | 0.8 | 15 | -0.001 |
| 202 | AV510 | 36.0003 | 81.9803 | 6.8 | 14 | 0.035 | 31 | 5300 | 39 | 450 | 6 | 1000 | 0.6 | 2.5 | 264 | -0.001 |
| 205 | AV513 | 36.0451 | 81.9895 | 7.2 | 15 | 0.020 | 36 | 4700 | 25 | 910 | . | 1460 | 0.1 | 1.3 | 23 | -0.001 |
| 207 | AV515 | 36.0869 | 81.9698 | 7.2 | 15 | 0.022 | 36 | 4800 | 45 | 750 | . | 1630 | 0.5 | 1.4 | 39 | -0.001 |
| 208 | AV516 | 36.1231 | 81.9343 | 6.8 | 18 | 0.022 | 40 | 5200 | 21 | 540 | . | 1600 | 0.1 | 1.2 | 46 | 0.030 |
| 209 | AV517 | 36.0779 | 81.9166 | 5.6 | 12 | 0.033 | 43 | 5100 | . | . | 10 | 870 | -0.1 | 2.7 | 58 | 0.150 |
| 210 | AV518 | 36.0500 | 81.9198 | 7.6 | 49 | 0.445 | 37 | 4800 | 68 | 860 | . | 2520 | 0.8 | 9.0 | 17 | -0.001 |
| 211 | AV519 | 36.0052 | 81.9321 | 5.2 | 48 | 0.043 | 44 | 8500 | 16 | 2830 | 67 | 1660 | -0.1 | 0.9 | 262 | 0.460 |
| 212 | AV520 | 36.0077 | 81.8701 | 6.4 | 60 | 0.019 | 60 | 7500 | . | 5160 | 11 | 2910 | -0.1 | 0.3 | 42 | 0.420 |
| 213 | AV521 | 36.0551 | 81.8782 | 7.1 | 45 | 0.042 | 40 | 5000 | 68 | 1320 | 4 | 4080 | 0.2 | 0.9 | 18 | -0.001 |
| 214 | AV522 | 36.0393 | 81.8100 | 6.1 | 10 | 0.018 | 38 | 5200 | 25 | . | 20 | 1000 | 0.1 | 1.8 | 34 | 0.120 |
| 215 | AV523 | 36.0775 | 81.8742 | 7.2 | 25 | 0.025 | 3 | 5100 | . | 640 | 5 | 2810 | 0.5 | 1.0 | 21 | -0.001 |
| 216 | AV524 | 36.0781 | 81.7771 | 7.1 | 11 | 0.019 | 37 | 5000 | . | . | . | 910 | 0.1 | 1.7 | 24 | -0.001 |
| 217 | AV525 | 36.0493 | 81.7481 | 6.5 | 21 | 0.037 | 44 | 4900 | 28 | 1040 | 7 | 2060 | 0.3 | 1.7 | 17 | 0.040 |
| 1094 | CL501 | 36.0810 | 81.7477 | 7.0 | 21 | 0.026 | 16 | 5000 | 36 | 1280 | . | 1800 | 0.1 | 1.2 | 114 | 0.050 |
| 1111 | CL518 | 36.0393 | 81.7107 | 6.6 | 18 | 0.044 | 24 | 4900 | 60 | 240 | . | 2360 | 0.2 | 2.4 | 23 | -0.001 |
| 1112 | CL519 | 36.0682 | 81.6949 | 6.5 | 18 | 0.056 | 24 | 5000 | 97 | 640 | 9 | 2710 | 0.3 | 3.1 | 28 | -0.001 |
| 1113 | CL520 | 36.0932 | 81.6415 | 6.7 | 78 | 0.024 | . | 4800 | 45 | 860 | 5 | 2530 | -0.1 | 0.3 | 20 | -0.001 |

BOONE 100K QUADRANGLE - GROUNDWATER

| Lab # | County | Lat | Long | pH | Cond | U | Br | Cl | F | Hg | Mn | Na | V U/cond | Al | Dy | |
|-------|--------|-------|---------|---------|------|-----|-----|-------|-----|------|-----|-------|------------|------|-----|--------|
| ID | | | | um/cm | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb | ppb x 1000 | ppb | ppb | |
| 1114 | | CL521 | 36.0872 | 81.5992 | 6.8 | 19 | 7 | M | . | M | 6 | M | -0.1 | 10.0 | 28 | -0.001 |
| 1115 | | CL522 | 36.0336 | 81.5969 | 6.4 | 32 | 8 | 5000 | 70 | . | 6 | 3640 | 0.3 | 0.7 | 27 | -0.001 |
| 1116 | | CL523 | 36.0428 | 81.6467 | 6.7 | 22 | . | 16200 | . | 1060 | . | 11610 | -0.1 | 2.2 | 19 | -0.001 |
| 1119 | | CL526 | 36.0006 | 81.5172 | 6.7 | 22 | 28 | 5500 | . | 600 | . | 1230 | 0.2 | 1.4 | 30 | -0.001 |
| 1120 | | CL527 | 36.0471 | 81.5309 | 6.4 | 18 | . | 4000 | . | 130 | 2 | 1160 | -0.1 | 1.8 | 27 | -0.001 |
| 1121 | | CL528 | 36.0891 | 81.5271 | 6.6 | 31 | . | 4900 | . | 810 | . | 2590 | -0.1 | 1.8 | 27 | -0.001 |
| 1122 | | CL529 | 36.0434 | 81.4699 | 6.1 | 59 | . | 11800 | . | 2230 | 15 | M | -0.1 | 0.4 | 55 | -0.001 |
| 1123 | | CL530 | 36.0442 | 81.4136 | 6.4 | 23 | 11 | 4000 | . | . | 3 | 3290 | 0.6 | 1.2 | 29 | -0.001 |
| 1124 | | CL531 | 36.0027 | 81.4093 | 6.7 | 33 | . | 4700 | 30 | 700 | . | 2800 | 0.3 | 1.0 | 30 | -0.001 |
| 1125 | | CL532 | 36.0088 | 81.3595 | 7.0 | 51 | 10 | 4500 | 46 | 1930 | . | 3950 | 2.9 | 4.4 | 26 | -0.001 |
| 5408 | | WL506 | 36.0903 | 81.0087 | 6.3 | 58 | 20 | 5900 | 31 | 1880 | 27 | M | -0.1 | 0.7 | 15 | -0.001 |
| 5409 | | WL507 | 36.0749 | 81.0722 | 5.9 | 18 | 17 | 4800 | . | . | 11 | 1320 | 0.1 | 2.0 | 32 | -0.001 |
| 5410 | | WL508 | 36.0421 | 81.0774 | 6.6 | 26 | 14 | M | . | M | 8 | M | -0.1 | 1.5 | 44 | -0.001 |
| 5411 | | WL509 | 36.0817 | 81.1375 | 6.0 | 28 | . | 5500 | 24 | 1410 | . | 1750 | -0.1 | 1.3 | 25 | -0.001 |
| 5412 | | WL510 | 36.0870 | 81.1814 | 6.8 | 91 | . | 10700 | . | 3670 | . | 3090 | 1.0 | 0.9 | 13 | -0.001 |
| 5413 | | WL511 | 36.0491 | 81.1800 | 7.5 | 120 | . | 4800 | 114 | 1530 | 76 | 7060 | -0.1 | 0.7 | 15 | -0.001 |
| 5414 | | WL512 | 36.0421 | 81.1356 | 5.5 | 31 | 22 | 5300 | 18 | 1380 | 23 | 1360 | 0.1 | 0.9 | 31 | 0.050 |
| 5415 | | WL513 | 36.0868 | 81.2369 | 6.2 | 38 | 27 | 3800 | . | 740 | 4 | 4660 | 0.8 | 1.8 | 16 | 0.030 |
| 5416 | | WL514 | 36.0514 | 81.2385 | 6.2 | 20 | 10 | 4500 | 43 | 1170 | . | 1570 | 0.1 | 1.0 | 14 | -0.001 |
| 5417 | | WL515 | 36.0434 | 81.2938 | 6.2 | 10 | . | 4600 | . | 540 | 5 | 820 | -0.1 | 2.7 | 28 | -0.001 |
| 5418 | | WL516 | 36.0433 | 81.3443 | 6.7 | 31 | 17 | 3800 | . | 820 | 6 | 3790 | 1.5 | 1.5 | 22 | -0.001 |
| 5419 | | WL517 | 36.0913 | 81.3403 | 6.7 | 74 | 17 | 5100 | 101 | 3810 | 6 | 4360 | 0.6 | 0.9 | 15 | -0.001 |
| 5420 | | WL518 | 36.0945 | 81.2940 | 6.4 | 51 | 20 | 3900 | 29 | 1030 | . | 3620 | 0.5 | 0.4 | 14 | -0.001 |
| 5421 | | WL519 | 36.1351 | 81.1957 | 5.5 | 40 | . | 11800 | . | . | 11 | 5250 | -0.1 | 0.7 | 18 | 0.030 |
| 5422 | | WL520 | 36.1308 | 81.1205 | 6.0 | 32 | 15 | 5200 | 40 | . | 8 | 2900 | 0.2 | 2.0 | 12 | -0.001 |
| 5423 | | WL521 | 36.1331 | 81.0699 | 6.6 | 75 | 17 | 4300 | 94 | 1560 | 91 | 4480 | -0.1 | 0.4 | 17 | 0.060 |
| 5424 | | WL522 | 36.1351 | 81.0047 | 5.7 | 30 | . | 5000 | . | . | 9 | M | -0.1 | 1.2 | 20 | 0.050 |
| 5427 | | WL525 | 36.1879 | 81.0199 | 7.1 | 110 | 14 | 4500 | 112 | 5340 | 204 | 3750 | -0.1 | 0.6 | 13 | -0.001 |
| 5428 | | WL526 | 36.1801 | 81.0645 | 6.8 | 35 | 8 | 4600 | 403 | . | 9 | 810 | -0.1 | 5.6 | 20 | 0.030 |
| 5429 | | WL527 | 36.1834 | 81.1171 | 6.8 | 51 | . | 4200 | 20 | 1990 | . | 2910 | 0.5 | 1.6 | 14 | -0.001 |
| 5430 | | WL528 | 36.2254 | 81.1730 | 7.5 | 119 | 8 | 3900 | 65 | 1230 | 43 | 5250 | -0.1 | 0.6 | 15 | 0.080 |
| 5431 | | WL529 | 36.2260 | 81.2315 | 6.6 | 22 | . | 4700 | . | . | 30 | 1860 | -0.1 | 1.4 | 48 | 0.060 |
| 5432 | | WL530 | 36.3403 | 81.3425 | 7.2 | 90 | 9 | M | . | 70 | 4 | M | -0.1 | 1.0 | 18 | -0.001 |
| 5433 | | WL531 | 36.2668 | 81.2942 | 6.5 | 20 | . | 4500 | 37 | 480 | . | 2610 | 0.2 | 4.1 | 19 | -0.001 |
| 5434 | | WL532 | 36.3052 | 81.3498 | 5.7 | 10 | 13 | 4400 | 26 | . | 4 | 990 | -0.1 | 5.6 | 23 | -0.001 |
| 5435 | | WL533 | 36.2668 | 81.3529 | 6.0 | 22 | 14 | 4600 | 21 | 520 | 16 | 1570 | -0.1 | 1.2 | 20 | -0.001 |
| 5436 | | WL534 | 36.2165 | 81.3464 | 6.2 | 60 | 8 | 7700 | . | . | 10 | 4950 | -0.1 | 1.3 | 80 | -0.001 |
| 5437 | | WL535 | 36.2608 | 81.4084 | 6.0 | 10 | 14 | 4200 | 19 | 240 | . | 1270 | -0.1 | 4.3 | 34 | -0.001 |

BOONE 100K QUADRANGLE - GROUNDWATER

| Lab # | County | Lat | Long | pH | Cond um/cm | U ppb | Br ppb | Cl ppb | F ppb | Mg ppb | Mn ppb | Na ppb | V U/cond ppb x 1000 | Al ppb | Dy ppb |
|-------|--------|---------|---------|-----|---------------|----------|-----------|-----------|----------|-----------|-----------|-----------|------------------------|-----------|-----------|
| 5438 | WL536 | 36.2292 | 81.3915 | 6.4 | 81 | 0.022 | 12 | 7600 | . | 2250 | 21 | 4510 | 0.2 | 22 | -0.001 |
| 5439 | WL537 | 36.1820 | 81.2909 | 6.6 | 45 | 0.031 | 10 | 4300 | 61 | 1610 | . | 3190 | 0.6 | 40 | -0.001 |
| 5440 | WL538 | 36.2105 | 81.2879 | 6.3 | 80 | 0.081 | 24 | 3700 | 29 | 3630 | . | 5610 | 2.3 | 17 | -0.001 |
| 5441 | WL539 | 36.1681 | 81.3439 | 6.0 | 51 | 0.025 | . | 7700 | 28 | 2590 | . | 3680 | 0.2 | 18 | -0.001 |
| 5442 | WL540 | 36.1805 | 81.3996 | 6.7 | 50 | 2.582 | 10 | 3000 | 258 | 1200 | 8 | 4760 | 0.9 | 16 | -0.001 |
| 5443 | WL541 | 36.2082 | 81.4565 | 5.7 | 79 | 0.089 | 27 | M | . | M | 20 | M | -0.1 | 28 | -0.001 |
| 5444 | WL542 | 36.1735 | 81.4667 | 6.5 | 10 | 0.071 | 19 | 4000 | . | . | 3 | 1050 | 0.2 | 23 | -0.001 |
| 5445 | WL543 | 36.1364 | 81.4051 | 6.2 | 27 | 0.062 | . | 4400 | . | 770 | 7 | 2800 | -0.1 | 19 | -0.001 |
| 5446 | WL544 | 36.0954 | 81.4017 | 6.1 | 23 | 0.045 | 11 | 4000 | 21 | 960 | . | 1630 | 0.1 | 14 | -0.001 |
| 5447 | WL545 | 36.1155 | 81.4556 | 6.7 | 111 | 0.072 | 8 | 4900 | 39 | 6440 | 4 | 3270 | 2.4 | 61 | -0.001 |
| 5448 | WL546 | 36.1195 | 81.5072 | 6.9 | 20 | 0.059 | 21 | 3900 | . | . | 7 | 2150 | 0.1 | 16 | -0.001 |
| 5449 | WL547 | 36.1353 | 81.3448 | 6.5 | 32 | 0.047 | 15 | 3300 | . | 440 | 6 | 2870 | 0.2 | 15 | -0.001 |
| 5450 | WL548 | 36.1365 | 81.2836 | 6.2 | 24 | 0.042 | . | M | . | M | 7 | M | -0.1 | 17 | -0.001 |
| 5451 | WL549 | 36.1326 | 81.2351 | 6.4 | 34 | 0.049 | . | 4200 | 22 | 1800 | . | 1900 | -0.1 | 18 | -0.001 |
| 5452 | WL550 | 36.1837 | 81.2335 | 6.7 | 90 | 0.063 | 23 | 4500 | 62 | 1660 | 100 | 2180 | 0.1 | 14 | -0.001 |
| 5453 | WL551 | 36.1812 | 81.1796 | 5.7 | 41 | 0.059 | 63 | 7800 | . | 1910 | 69 | 4330 | -0.1 | 36 | 1.170 |
| 5454 | WL552 | 36.2181 | 81.1298 | 5.8 | 20 | 0.055 | 35 | 3900 | 32 | . | 7 | M | -0.1 | 35 | -0.001 |
| 5455 | WL553 | 36.2682 | 81.1268 | 5.5 | 22 | 0.024 | 13 | 4400 | 27 | . | 11 | 1480 | -0.1 | 17 | -0.001 |
| 5456 | WL554 | 36.3093 | 81.1306 | 6.1 | 29 | 0.023 | 21 | 4200 | 35 | 750 | . | 3330 | 0.2 | 34 | -0.001 |
| 5457 | WL555 | 36.3132 | 81.1735 | 5.2 | 42 | 0.045 | 16 | 10200 | . | 1110 | 20 | M | -0.1 | 44 | 0.050 |
| 5458 | WL556 | 36.2669 | 81.1833 | 6.4 | 50 | 0.301 | 11 | 3600 | 39 | . | 7 | M | -0.1 | 21 | -0.001 |
| 5459 | WL557 | 36.2724 | 81.2392 | 5.7 | 52 | 0.065 | . | 4100 | . | . | 8 | 3290 | -0.1 | 22 | -0.001 |
| 5460 | WL558 | 36.3067 | 81.2406 | 6.1 | 30 | 0.060 | 9 | 3300 | . | 350 | 16 | 1800 | 0.1 | 18 | -0.001 |
| 5461 | WL559 | 36.3106 | 81.2883 | 6.2 | 29 | 0.036 | 13 | 3100 | . | 350 | 4 | 1580 | -0.1 | 23 | -0.001 |
| 5462 | WL560 | 36.3623 | 81.3036 | 6.4 | 25 | 0.036 | . | M | . | 490 | . | M | -0.1 | . | -0.001 |
| 5463 | WL561 | 36.3615 | 81.2446 | 6.6 | 15 | 0.034 | . | 4100 | . | . | . | 1330 | -0.1 | 26 | -0.001 |
| 5464 | WL562 | 36.3588 | 81.1721 | 6.1 | 18 | 0.041 | . | 3600 | . | . | 8 | 570 | -0.1 | 15 | -0.001 |
| 5465 | WL563 | 36.3512 | 81.1178 | 5.7 | 40 | 0.047 | . | 4200 | . | . | . | 1770 | -0.1 | 20 | -0.001 |
| 5466 | WL564 | 36.3817 | 81.1125 | 5.8 | 20 | 0.041 | . | 3600 | . | . | 6 | 1430 | -0.1 | 14 | -0.001 |
| 5467 | WL565 | 36.3925 | 81.0676 | 6.3 | 15 | 0.038 | . | 3300 | . | . | . | 1390 | -0.1 | 16 | -0.001 |
| 5468 | WL566 | 36.3577 | 81.0688 | 6.6 | 37 | 0.044 | . | 4100 | . | . | 2 | 5340 | -0.1 | 29 | -0.001 |
| 5469 | WL567 | 36.3118 | 81.0663 | 6.3 | 159 | 0.025 | . | M | . | 2910 | . | M | -0.1 | . | -0.001 |
| 5470 | WL568 | 36.2640 | 81.0745 | 5.4 | 48 | 0.028 | . | 6400 | . | 500 | 96 | M | -0.1 | 11 | -0.001 |
| 5471 | WL569 | 36.2252 | 81.0629 | 6.1 | 38 | 0.045 | . | 3600 | . | 1740 | 38 | 1280 | -0.1 | 12 | -0.001 |
| 5472 | WL570 | 36.2204 | 81.0169 | 5.2 | 100 | 0.077 | . | 7900 | . | . | 32 | 5590 | -0.1 | 15 | -0.001 |
| 5473 | WL571 | 36.2691 | 81.0110 | 5.4 | 19 | 0.039 | 13 | 3300 | . | . | 12 | 590 | -0.1 | 21 | 0.030 |
| 5474 | WL572 | 36.3144 | 81.0158 | 6.0 | 27 | 0.022 | . | 4000 | . | 680 | 4 | 1020 | -0.1 | 25 | -0.001 |
| 5475 | WL573 | 36.3601 | 81.0142 | 6.3 | 71 | 0.048 | . | 3500 | . | 550 | 11 | 1520 | -0.1 | 16 | -0.001 |

BOONE 100K QUADRANGLE - GROUNDWATER

| Lab # | County | Lat | Long | pH | Cond um/cm | U ppb | Br ppb | Cl ppb | F ppb | Mg ppb | Mn ppb | Na ppb | V U/cond ppb x 1000 | Al ppb | Dy ppb |
|-------|--------|---------|---------|-----|---------------|----------|-----------|-----------|----------|-----------|-----------|-----------|------------------------|-----------|-----------|
| 5565 | WT501 | 36.2169 | 81.6291 | 7.4 | 30 | 0.018 | 16 | 3300 | 11 | 1530 | . | 770 | 0.4 | 60 | -0.001 |
| 5566 | WT502 | 36.2615 | 81.6260 | 7.0 | 29 | 0.035 | . | 4100 | . | 790 | . | 1160 | -0.1 | 17 | -0.001 |
| 5567 | WT503 | 36.3026 | 81.6262 | 7.2 | 40 | 0.033 | . | 3400 | 30 | 1800 | . | 1400 | 0.9 | 85 | 0.040 |
| 5568 | WT504 | 36.2619 | 81.5762 | 6.4 | 15 | 0.037 | . | 3500 | . | 420 | . | 710 | -0.1 | 18 | -0.001 |
| 5569 | WT505 | 36.2158 | 81.5710 | 6.3 | 20 | 0.050 | . | 3600 | . | . | . | 1220 | 0.1 | 19 | 0.060 |
| 5570 | WT506 | 36.2121 | 81.5159 | 6.9 | 21 | 0.029 | 12 | 3500 | 30 | . | . | 2250 | -0.1 | 49 | -0.001 |
| 5571 | WT507 | 36.1785 | 81.5071 | 6.7 | 50 | 0.073 | . | 3900 | 82 | 630 | 5 | 1770 | 0.2 | 19 | -0.001 |
| 5572 | WT508 | 36.1807 | 81.5766 | 7.1 | 13 | 0.036 | 19 | 3900 | . | . | 5 | M | -0.1 | 39 | -0.001 |
| 5573 | WT509 | 36.1758 | 81.6253 | 7.0 | 30 | 0.052 | 7 | 4000 | 207 | . | 2 | 1030 | -0.1 | 21 | -0.001 |
| 5574 | WT510 | 36.1445 | 81.5692 | 7.0 | 20 | 0.031 | . | 2900 | . | . | 5 | 1190 | 0.1 | 54 | 0.030 |
| 5575 | WT511 | 36.1361 | 81.6273 | 6.9 | 40 | 0.017 | 16 | 3500 | 64 | 650 | 5 | 1920 | 0.1 | 17 | -0.001 |
| 5576 | WT512 | 36.1721 | 81.6825 | 6.9 | 20 | 0.027 | 8 | 3100 | 72 | . | 4 | 880 | -0.1 | 37 | -0.001 |
| 5577 | WT513 | 36.1304 | 81.6829 | 7.1 | 90 | 0.065 | . | 19300 | . | 520 | 18 | 9470 | -0.1 | 17 | 0.060 |
| 5578 | WT514 | 36.1398 | 81.7459 | 6.9 | 19 | 0.028 | 12 | 3800 | . | . | 8 | 870 | 0.2 | 74 | -0.001 |
| 5579 | WT515 | 36.1751 | 81.7419 | 7.1 | 60 | 0.067 | 12 | 3900 | 30 | 2200 | 30 | 1420 | -0.1 | 21 | -0.001 |
| 5580 | WT516 | 36.1418 | 81.8118 | 7.1 | 30 | 0.013 | . | 4900 | . | 550 | . | 1920 | -0.1 | 31 | -0.001 |
| 5581 | WT517 | 36.1764 | 81.8009 | 7.0 | 71 | 0.027 | . | 3500 | 23 | 1840 | 19 | 910 | 0.1 | 31 | -0.001 |
| 5582 | WT518 | 36.2234 | 81.7922 | 7.6 | 20 | 0.015 | . | 3700 | 37 | 230 | . | 2130 | 0.3 | 39 | -0.001 |
| 5583 | WT519 | 36.2171 | 81.7372 | 7.3 | 31 | 0.093 | 21 | 4100 | 20 | 620 | 8 | 3110 | 0.1 | 30 | -0.001 |
| 5584 | WT520 | 36.2221 | 81.6867 | 7.8 | 50 | 0.027 | . | 4600 | 39 | 1810 | . | 2160 | 0.3 | 53 | 0.050 |
| 5585 | WT521 | 36.2623 | 81.6823 | 7.6 | 20 | 0.028 | 12 | 3500 | . | 890 | . | 1030 | -0.1 | 30 | -0.001 |
| 5586 | WT522 | 36.3058 | 81.6843 | 7.3 | 21 | 0.028 | . | 4100 | . | 1570 | . | 900 | 0.2 | 31 | -0.001 |
| 5587 | WT523 | 36.3509 | 81.6803 | 7.3 | 28 | 0.018 | 7 | 3600 | 17 | 890 | . | 940 | 0.1 | 22 | 0.030 |
| 5588 | WT524 | 36.3103 | 81.7401 | 7.0 | 90 | 0.037 | 19 | 4400 | 56 | 3770 | . | 2340 | 0.3 | 19 | -0.001 |
| 5589 | WT525 | 36.2582 | 81.7433 | 7.4 | 110 | 0.040 | 8 | 3500 | 37 | 3980 | 2 | 3260 | 1.9 | 17 | -0.001 |
| 5590 | WT526 | 36.2631 | 81.7895 | 6.8 | 70 | 0.030 | 23 | 5700 | 45 | . | 15 | 3140 | 0.3 | 15 | 0.080 |
| 5591 | WT527 | 36.3048 | 81.8082 | 7.2 | 40 | 0.027 | . | 3200 | 107 | 1140 | . | 3780 | 0.5 | 13 | -0.001 |
| 5592 | WT528 | 36.3517 | 81.7940 | 6.7 | 30 | 0.034 | 19 | 3900 | 36 | 460 | . | 2100 | -0.1 | 23 | 0.030 |
| 5593 | WT529 | 36.3092 | 81.8531 | 7.0 | 29 | 0.030 | . | 3500 | 37 | . | 4 | 2680 | 0.2 | 35 | -0.001 |
| 5594 | WT530 | 36.2642 | 81.8471 | 6.6 | 21 | 0.032 | 13 | 3600 | 23 | 270 | . | 1810 | -0.1 | 27 | -0.001 |
| 5595 | WT531 | 36.2214 | 81.8391 | 6.2 | 21 | 0.033 | 24 | 3800 | 37 | . | . | 2200 | -0.1 | 29 | -0.001 |
| 5596 | WT532 | 36.2281 | 81.8864 | 6.3 | 20 | 0.113 | . | 3300 | 163 | 350 | . | 840 | -0.1 | 104 | -0.001 |

WYTHEVILLE QUADRANGLE - GROUNDWATER

| Lab # | County | Lat | Long | pH | Cond um/cm | U ppb | Br ppb | Cl ppb | F ppb | Mg ppb | Mn ppb | Na ppb | V ppb | U/cond x 1000 | Al ppb | Dy ppb |
|-------|--------|---------|---------|-----|---------------|----------|-----------|-----------|----------|-----------|-----------|-----------|----------|------------------|-----------|-----------|
| 34 | AG508 | 36.5012 | 81.2913 | 6.6 | 83 | 0.045 | | 4900 | 17 | 4850 | 6 | 3170 | 0.9 | 0.5 | 20 | -0.001 |
| 35 | AG509 | 36.5406 | 81.2917 | 6.9 | 40 | 0.029 | 7 | 3300 | 110 | 1620 | 11 | 3300 | 0.6 | 0.7 | 19 | -0.001 |
| 36 | AG510 | 36.5368 | 81.2312 | 6.8 | 60 | 0.417 | | 4200 | | | 12 | 2750 | 0.4 | 6.9 | 20 | -0.001 |
| 37 | AG511 | 36.5003 | 81.1894 | 6.1 | 20 | 0.046 | 11 | 4700 | 13 | 300 | 3 | 1030 | -0.1 | 2.3 | 18 | -0.001 |
| 38 | AG512 | 36.5340 | 81.1846 | 6.8 | 50 | 0.046 | | 4000 | | 3080 | | 1720 | 3.9 | 0.9 | 18 | 0.060 |
| 39 | AG513 | 36.5543 | 81.1461 | 6.5 | 42 | 0.017 | 16 | M | | M | 20 | M | -0.1 | 0.4 | 17 | -0.001 |
| 40 | AG514 | 36.5410 | 81.0755 | 6.2 | 50 | 0.028 | 11 | 4700 | 51 | 2300 | 5 | 2650 | 0.2 | 0.5 | 18 | 0.030 |
| 41 | AG515 | 36.5462 | 81.0199 | 6.0 | 18 | 0.031 | 7 | 4300 | | | 5 | 1230 | -0.1 | 1.7 | 17 | -0.001 |
| 159 | AS511 | 36.5324 | 81.6927 | 7.1 | 109 | 0.067 | | 4000 | 18 | | 2 | 2570 | -0.1 | 0.6 | 17 | -0.001 |
| 160 | AS512 | 36.5391 | 81.6292 | 7.1 | 112 | 0.040 | 22 | 4300 | 26 | 300 | 16 | 2030 | 0.2 | 0.3 | 41 | -0.001 |
| 161 | AS513 | 36.5789 | 81.6378 | 6.7 | 108 | 0.044 | 10 | 3700 | 18 | | 6 | 990 | 0.3 | 0.4 | 43 | -0.001 |
| 162 | AS514 | 36.5733 | 81.5780 | 7.0 | 120 | 0.041 | | 4100 | | 950 | | 1740 | 0.3 | 0.3 | 55 | -0.001 |
| 163 | AS515 | 36.5287 | 81.5795 | 6.9 | 112 | 0.031 | 19 | 3700 | 28 | 570 | | 1280 | 0.1 | 0.2 | 22 | -0.001 |
| 164 | AS516 | 36.5363 | 81.5133 | 6.9 | 158 | 0.060 | | 3900 | 30 | 2230 | | 3050 | 0.5 | 0.3 | 164 | -0.001 |
| 172 | AS524 | 36.5423 | 81.4653 | 7.1 | 168 | 0.124 | 23 | 4100 | 90 | 1620 | 32 | 2990 | 0.8 | 0.7 | 91 | -0.001 |
| 173 | AS525 | 36.5396 | 81.3994 | 7.5 | 160 | 0.272 | | 4500 | 96 | 1710 | 1 | 2750 | 1.2 | 1.7 | 26 | -0.001 |
| 192 | AS544 | 36.5401 | 81.3446 | 7.0 | 111 | 0.324 | 16 | 3900 | 33 | 1300 | 13 | 4360 | 0.5 | 2.9 | 15 | -0.001 |