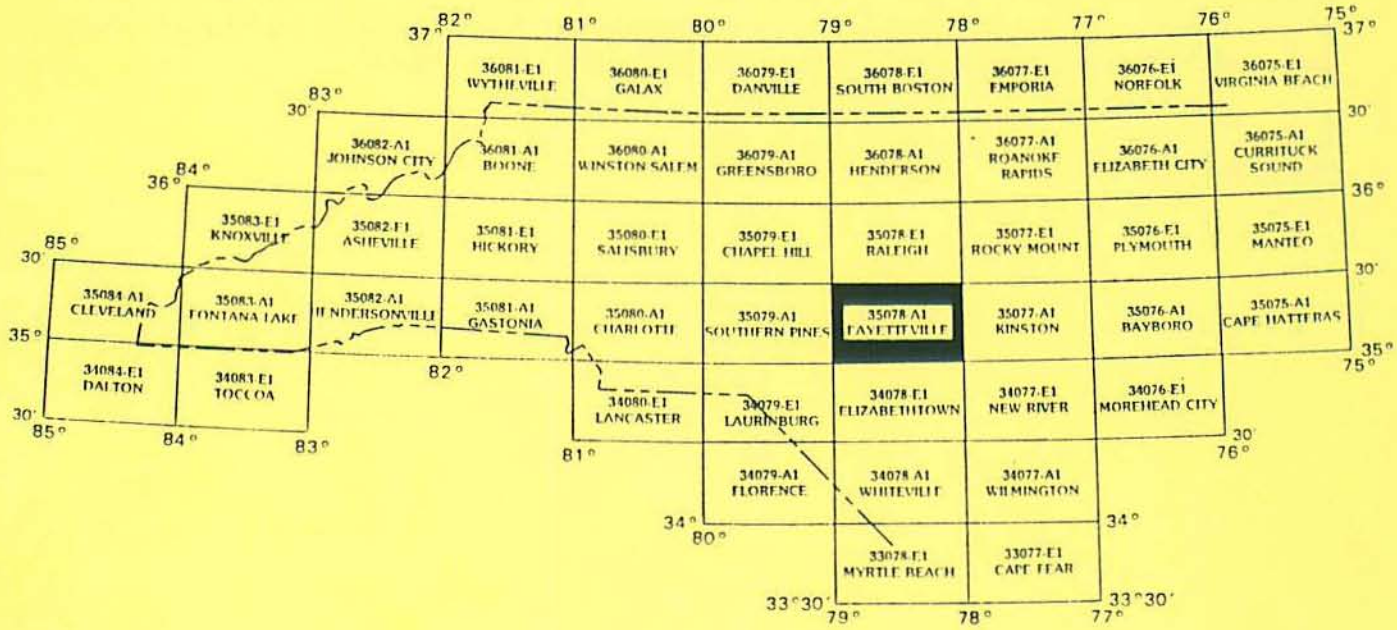
Listing of Concentrations of Variables of Stream Sediment, Stream Water, and Groundwater for the Fayetteville 30 x 60 - Minute Quadrangle -NURE Database

by
Robert H. Carpenter and Jeffrey C. Reid



NORTH CAROLINA GEOLOGICAL SURVEY
OPEN-FILE REPORT 93-22

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.

The Section conducts basic and applied research projects in environmental geology, mineral resources exploration and systematic geologic mapping. Services include identifying rock and mineral samples submitted by citizens and providing consulting services and specially prepared reports to agencies that need geological information.

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Jeffrey C. Reid
Chief Geologist

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INTRODUCTION

This report is a compilation of geochemical data for stream sediment and groundwater for the Fayetteville 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.

REFERENCES

Reid, Jeffrey C., 1991 (revised 1993), A geochemical atlas of North Carolina: North Carolina Geological Survey, Bulletin 93, text plus 45 plates.

Reid, Jeffrey C., 1993, A hydrogeochemical atlas of North Carolina: North Carolina Geological Survey, Bulletin 94, text plus 26 plates.

Reid, Jeffrey C., and Carpenter, Robert H.,1993a, Listings of concentrations (stream sediments) 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 database: North Carolina Geological Survey, Open-File Report 93-1, introductory text plus 178 pages of data.

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

COUNTY CODES

Code	County
CU	Cumberland
DU	Duplin
HR	Harnett
JO	Johnston
SA	Sampson
WY	Wayne

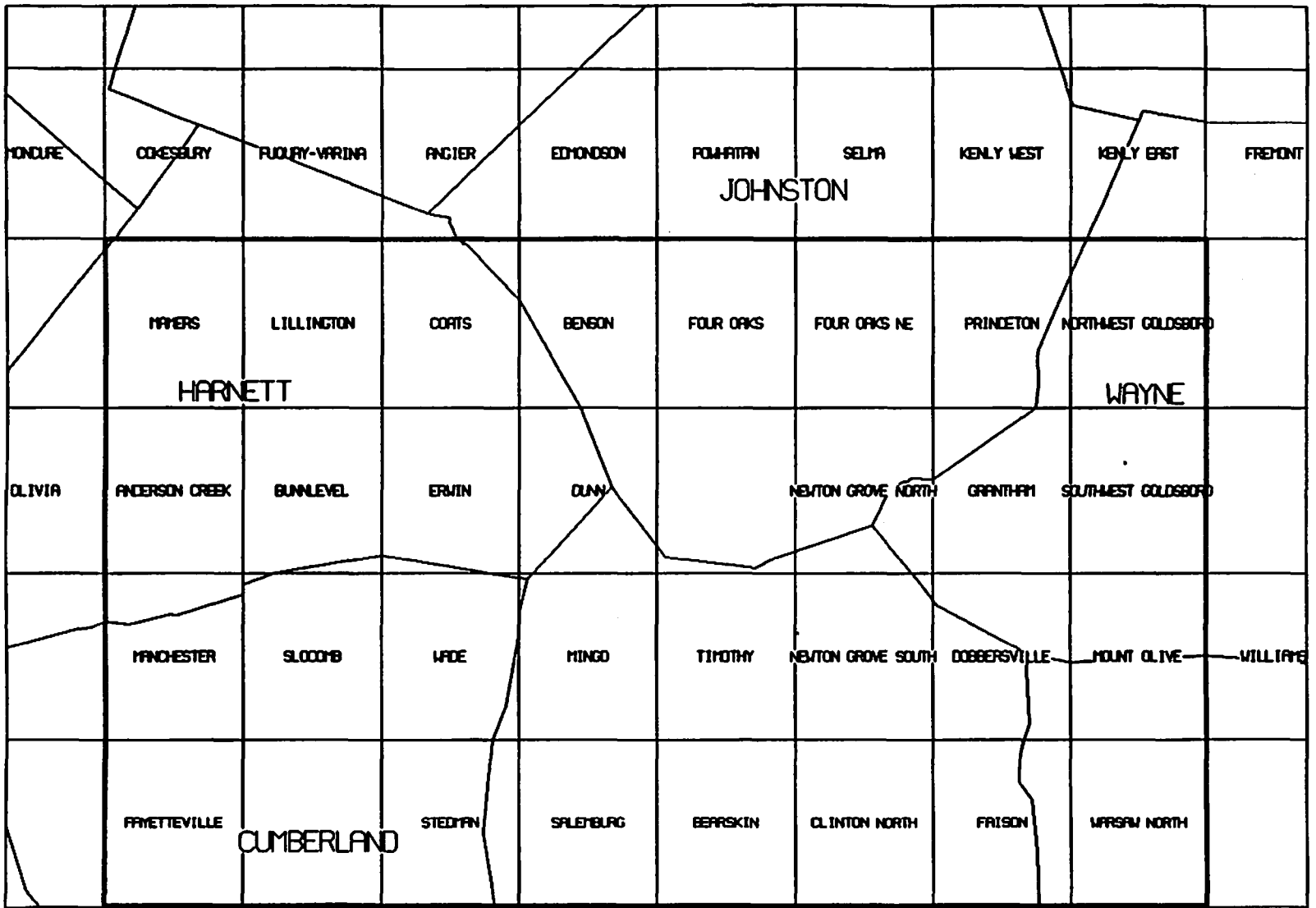

Figure 1. Map Showing Outlines of Fayetteville 30 x 60 Minute - Quadrangle and Contained 7 - 1/2 Minute Quadrangles

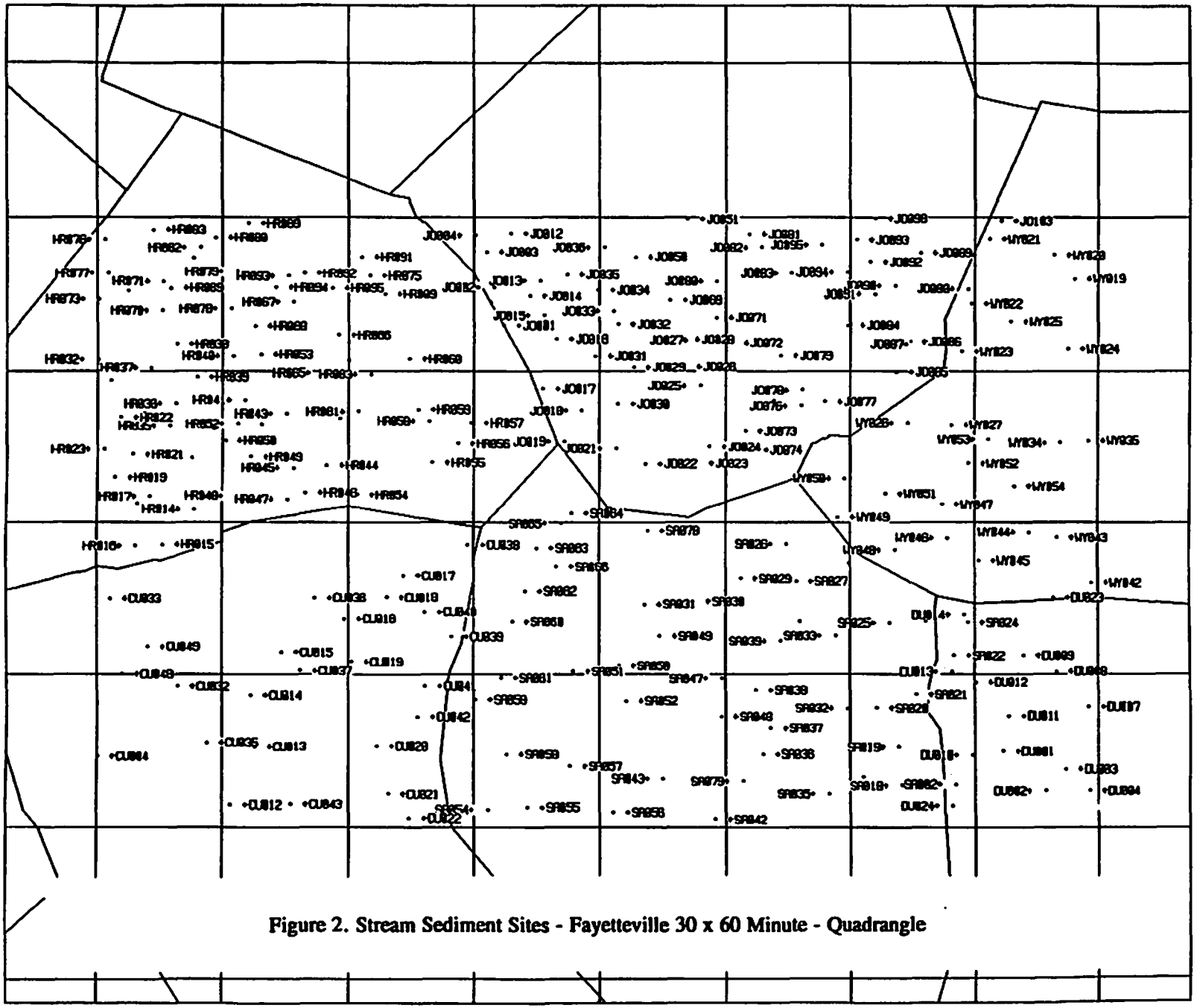

Figure 2. Stream Sediment Sites - Fayetteville 30 x 60 Minute - Quadrangle

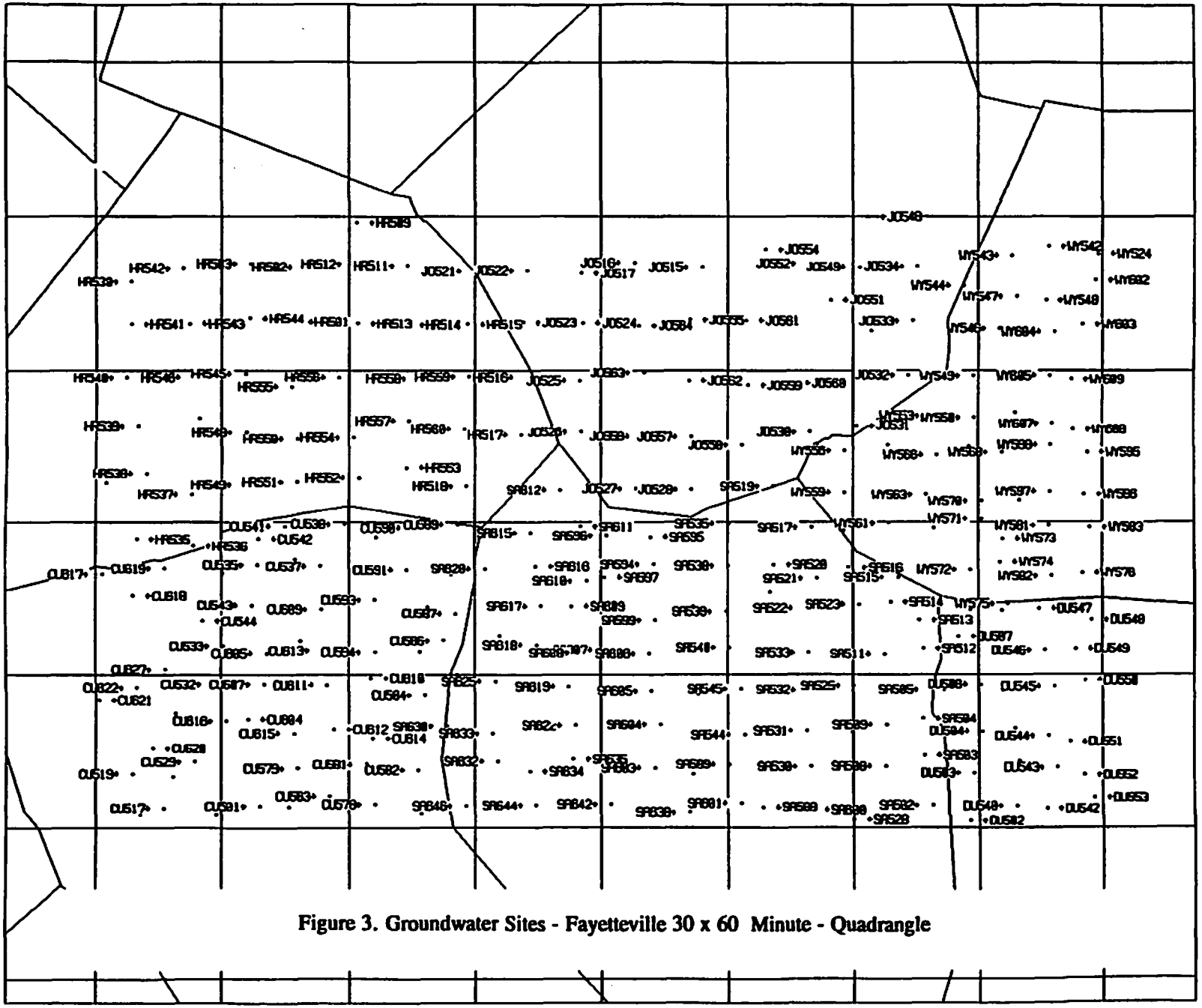

Figure 3. Groundwater Sites - Fayetteville 30 x 60 Minute - Quadrangle

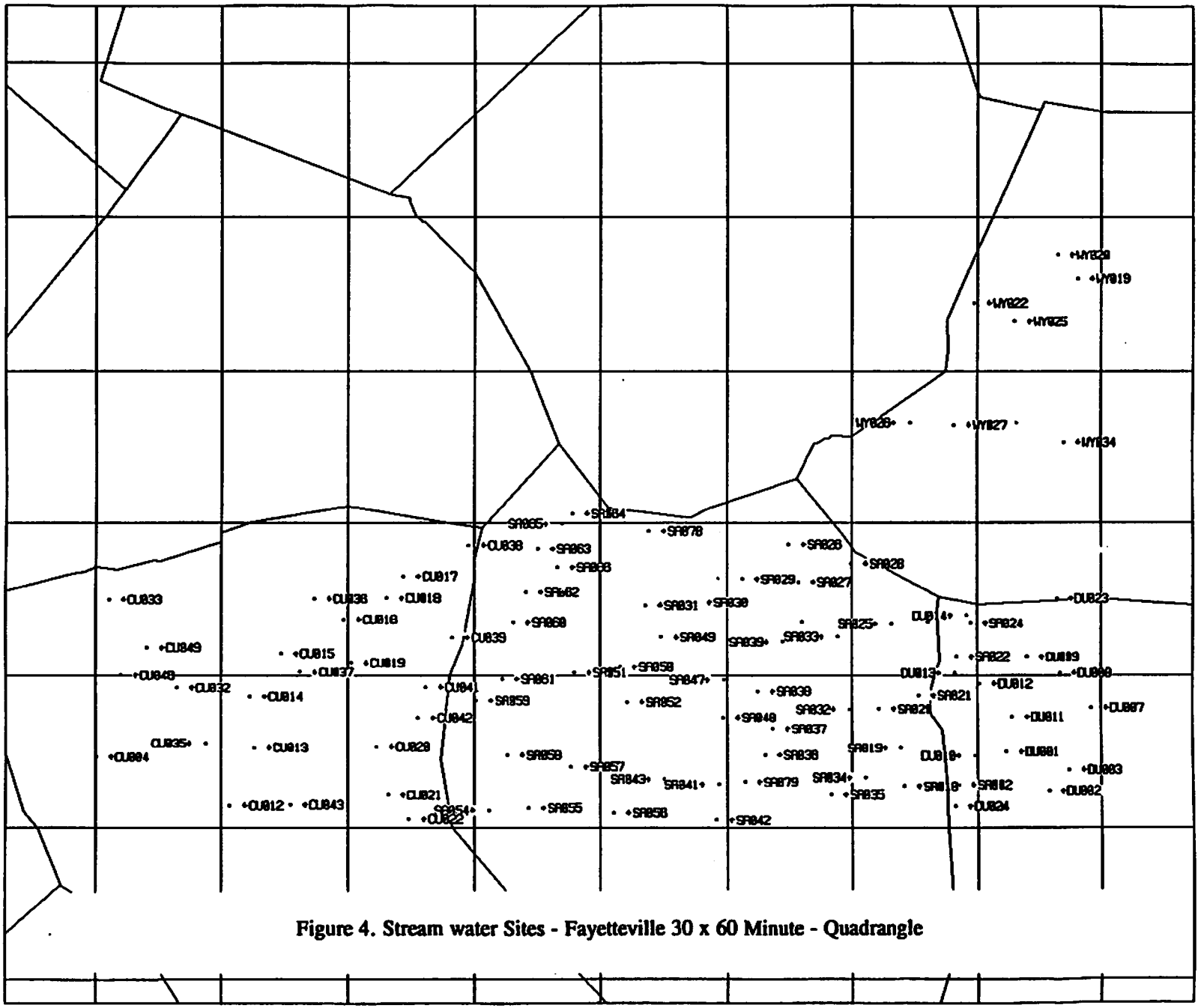

Figure 4. Stream water Sites - Fayetteville 30 x 60 Minute - Quadrangle

FAYETTEVILLE 100K QUADRANGLE - STREAM SEDIMENT

Lab #	County ID	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
1490	CU004	35.0577	78.9996	6.2	58	5.9	21	61	1100	77	7800	M	M	3.2	7700	20	M	-1.0	46	7	5.3	0.7	
1498	CU012	35.0182	78.8666	6.2	61	23.4	104	86	7800	422	14600	M	M	5.3	9800	40	1.2	-1.0	239	30	11.9	2.4	
1499	CU013	35.0656	78.8426	7.2	99	43.0	173	131	23400	738	17300	560	1700	5.2	13800	50	32.2	-1.9	442	56	10.8	2.8	
1500	CU014	35.1077	78.8470	7.2	160	16.2	71	52	37500	325	15100	930	M	6.0	15800	80	2.2	M	175	27	7.5	1.3	
1501	CU015	35.1432	78.8161	6.4	119	2.6	7	16	41700	33	18800	290	5900	3.0	6000	60	M	-1.0	23	5	2.2	0.4	
1502	CU016	35.1709	78.7536	7.0	79	9.3	43	46	25000	188	14900	660	M	8.8	14500	20	0.5	-1.4	105	2	5.8	0.8	
1503	CU017	35.2061	78.6946	6.2	80	7.7	36	27	47200	182	27100	480	M	6.9	63500	90	M	1.8	100	16	6.8	1.0	
1504	CU018	35.1882	78.7111	7.0	77	8.7	35	22	62800	203	27900	1120	M	9.5	8100	50	0.7	-1.6	114	15	6.0	1.2	
1505	CU019	35.1354	78.7463	6.3	54	5.6	28	32	7500	122	7300	M	M	0.8	15300	30	M	-1.8	71	11	4.5	0.8	
1506	CU020	35.0661	78.7210	5.3	32	3.2	8	11	35400	33	16600	70	M	4.7	5900	50	2.0	M	16	2	2.5	0.4	
1507	CU021	35.0268	78.7098	5.1	51	7.4	29	42	11600	140	6500	160	400	2.4	7800	30	6.9	-1.0	65	10	3.9	0.7	
1508	CU022	35.0072	78.6891	5.6	74	39.8	236	208	7500	1051	14900	890	M	4.2	19400	70	2.2	7.6	549	87	24.2	4.2	
1518	CU032	35.1150	78.9191	6.4	25	30.7	146	220	4900	587	15600	320	M	6.6	19200	50	31.1	3.0	321	46	16.5	2.9	
1519	CU033	35.1872	78.9870	6.8	69	47.4	297	154	20400	1235	21500	460	M	6.8	12900	30	3.1	4.5	698	95	13.8	3.2	
1521	CU035	35.0690	78.8905	6.6	50	15.2	48	80	6500	211	6300	M	M	2.4	8100	20	0.9	-1.2	119	16	4.9	0.9	
1522	CU036	35.1878	78.7832	6.1	31	4.3	17	24	26100	64	17500	140	1100	3.2	6300	40	3.2	M	40	8	M	0.4	0.030
1523	CU037	35.1279	78.7974	6.7	91	2.7	9	6	86800	58	19800	220	5600	10.5	8400	130	0.9	-1.0	26	1	2.0	0.4	0.017
1524	CU038	35.2315	78.6304	6.2	89	12.8	53	77	M	235	8200	M	M	3.0	3100	10	M	-1.0	118	17	7.5	1.0	
1525	CU039	35.1563	78.6469	6.5	71	6.1	37	32	16500	165	9000	140	400	2.0	6800	30	9.9	-1.1	84	13	4.8	0.6	
1526	CU040	35.1762	78.6732	M	M	2.8	8	15	11300	49	6500	M	M	1.9	M	30	M	-1.0	22	4	2.6	0.4	
1527	CU041	35.1153	78.6725	4.9	41	73.3	375	312	4800	1629	10700	560	400	4.6	19800	50	51.6	4.7	900	118	19.1	4.4	
1528	CU042	35.0899	78.6800	6.3	80	4.4	26	25	4000	122	-5000	70	100	0.9	2200	10	3.5	-1.0	61	7	2.2	0.4	
1529	CU043	35.0187	78.8069	5.9	52	40.0	224	148	14000	1030	12400	730	2300	5.3	14800	50	44.2	M	603	76	16.1	2.4	
1534	CU048	35.1253	78.9748	6.5	112	17.2	74	86	1200	339	10800	M	M	4.5	9400	M	1.0	-1.6	147	24	8.7	1.6	
1535	CU049	35.1479	78.9488	5.8	22	15.4	64	83	5500	250	9900	270	100	4.7	21400	60	22.7	-1.1	147	21	11.0	1.8	
1874	DU001	35.0618	78.0965	6.9	120	14.4	79	380	13400	322	17400	330	200	7.1	15000	50	10.2	-1.0	157	22	10.3	2.3	
1875	DU002	35.0297	78.0341	6.2	35	5.2	11	49	11900	54	8800	120	300	2.6	7400	30	4.7	M	29	4	2.7	0.5	
1876	DU003	35.0470	78.0328	5.4	45	3.7	12	52	7300	48	6600	110	100	1.9	6300	20	3.1	-1.0	26	6	2.2	0.3	
1877	DU004	35.0296	78.0089	M	M	4.7	9	22	27800	49	13600	90	500	3.9	5600	40	7.2	0.6	26	3	2.2	0.3	0.016
1880	DU007	35.0982	78.0101	6.0	55	3.7	10	8	M	84	16400	80	500	6.8	M	50	M	M	36	5	M	0.4	
1881	DU008	35.1270	78.0425	6.1	45	3.7	16	66	13300	66	12700	M	200	4.2	M	40	M	1.0	29	4	4.3	0.7	
1882	DU009	35.1402	78.0757	6.0	90	6.4	27	106	9400	123	7100	180	100	2.8	M	30	M	M	56	8	4.9	0.9	
1883	DU010	35.0585	78.1279	6.4	115	5.9	19	63	M	85	12900	160	M	5.3	8200	M	3.8	M	41	6	3.4	0.5	
1884	DU011	35.0907	78.0906	6.0	55	15.1	63	262	10800	259	9100	240	200	4.4	13200	40	10.6	M	131	20	7.9	1.5	

FAYETTEVILLE 100K QUADRANGLE - STREAM SEDIMENT

Lab #	County ID	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
1885	DU012	35.1182	78.1230	6.8	75	13.5	53	206	10600	230	8700	330	200	3.7	17300	50	18.3	M	121	14	6.1	0.9	
1886	DU013	35.1269	78.1476	6.4	60	9.9	M	M	11200	M	M	230	200	M	13800	40	8.7	M	M	22	M	M	
1887	DU014	35.1737	78.1360	6.7	80	4.3	9	29	34400	70	14600	300	500	5.2	7200	50	8.1	1.0	34	4	1.1	0.3	0.020
1896	DU023	35.1877	78.04??	6.4	135	5.4	18	83	17100	87	11800	160	100	2.1	10300	40	3.3	-1.0	38	7	5.3	0.8	
1897	DU024	35.0174	78.1474	6.3	75	4.0	14	41	11100	77	8000	120	200	2.7	5900	30	3.5	-1.0	37	6	M	0.5	
2835	HR009	35.4381	78.7128	M	M	3.8	10	17	22000	65	-5000	60	200	2.9	4300	30	4.0	3.3	24	5	M	0.2	
2840	HR014	35.2611	78.9028	4.8	81	5.2	21	22	15900	102	8800	100	400	1.6	5400	20	6.3	M	41	11	6.1	0.9	
2841	HR015	35.2316	78.9341	5.1	50	14.6	55	54	10100	256	-5000	130	500	2.4	6300	30	14.9	M	141	25	4.5	1.1	
2842	HR016	35.2306	78.9614	6.6	42	16.9	97	80	6000	416	15000	290	200	2.2	15700	40	14.5	-1.0	202	29	9.4	1.5	
2843	HR017	35.2716	78.9471	5.0	55	43.1	M	M	5900	M	M	210	300	4.1	9300	30	25.7	M	553	62	M	M	
2844	HR018	35.2654	78.9595	4.9	58	34.7	152	112	7700	679	8700	490	200	5.1	15000	40	28.6	M	347	42	15.0	1.9	
2845	HR019	35.2873	78.9821	5.1	30	2.9	13	14	3300	36	5700	60	M	1.9	4000	20	3.0	M	18	4	4.3	0.3	0.597
2847	HR021	35.3064	78.9647	4.6	23	7.0	21	28	14800	85	10500	70	200	2.0	4500	30	5.3	2.5	48	5	3.4	0.5	
2848	HR022	35.3371	78.9762	6.1	30	14.2	50	74	7600	224	6400	150	200	2.5	10400	30	13.5	M	118	27	8.2	1.3	
2849	HR023	35.3104	78.9933	5.0	18	13.3	49	69	4200	196	9000	100	100	3.0	8200	20	8.1	8.9	129	16	M	0.9	
2858	HR032	35.3846	78.9993	6.8	57	5.6	24	24	14300	108	10300	280	1300	3.8	8200	30	3.5	2.1	49	10	M	0.4	
2859	HR033	35.3672	78.9868	6.9	50	11.6	51	30	10300	-20	-5000	190	800	2.8	7100	30	6.8	M	119	28	M	-0.2	
2860	HR034	35.3408	78.9529	6.4	58	36.5	182	172	6200	813	6400	170	100	3.0	12500	30	31.0	3.8	396	97	14.3	2.8	
2861	HR035	35.3303	78.9276	7.0	45	19.5	89	68	16000	374	18000	380	1500	3.7	10300	30	8.5	-1.1	185	18	6.4	1.2	
2862	HR036	35.3484	78.9214	6.9	60	3.8	11	12	35100	79	10900	110	2200	3.3	4300	40	5.6	-1.4	36	5	5.8	0.6	
2863	HR037	35.3779	78.9462	5.9	58	7.7	29	26	10200	132	8600	100	500	1.9	5500	20	8.9	M	71	15	M	0.5	
2864	HR038	35.3975	78.9209	6.0	15	3.9	-2	10	51500	-20	5200	120	900	9.3	6400	80	6.3	-1.2	M	M	M	-0.2	
2865	HR039	35.3703	78.9008	6.8	45	41.2	193	212	5600	892	14700	420	300	5.2	20200	40	27.3	M	430	66	18.0	3.9	
2866	HR040	35.3875	78.8642	M	M	6.1	21	33	9800	132	6200	100	100	1.8	6000	30	6.5	-1.0	46	10	3.0	0.6	
2867	HR041	35.3513	78.8525	6.7	50	19.8	100	67	17800	434	16400	820	2300	3.1	19000	50	17.0	M	218	27	8.0	1.3	
2868	HR042	35.3309	78.8357	7.1	60	19.9	81	58	18600	383	17400	550	1300	5.7	11800	40	21.9	6.1	202	44	8.3	1.9	
2869	HR043	35.3401	78.8112	6.9	47	73.9	374	224	10300	1599	11700	700	1200	8.0	15900	40	28.4	7.3	862	109	21.2	3.5	4.836
2870	HR044	35.2973	78.7711	7.0	90	4.4	15	30	32700	33	20600	260	900	4.4	5800	60	2.6	-1.7	27	5	2.6	0.8	
2871	HR045	35.2953	78.8041	6.3	40	2.6	7	11	46700	44	22000	120	2900	6.3	4500	60	3.1	M	15	2	2.1	0.2	
2872	HR046	35.2746	78.7923	6.9	85	49.0	210	169	21200	967	16200	960	5100	6.5	15100	70	21.2	7.5	500	44	17.3	3.1	
2873	HR047	35.2693	78.8101	4.5	30	41.2	190	127	7300	880	-5000	240	900	3.9	9900	30	17.6	M	413	89	14.4	2.7	
2874	HR048	35.2719	78.8602	M	M	14.0	50	46	12800	234	10500	240	500	4.6	11900	40	16.6	-1.0	113	22	5.9	1.1	
2875	HR049	35.3044	78.8468	7.3	160	9.9	35	41	5600	161	-5000	60	100	3.3	6200	20	8.7	-1.0	71	11	M	0.8	
2876	HR050	35.3178	78.8723	M	M	1.5	6	10	11100	38	6300	40	300	1.9	2500	20	1.8	-1.0	9	1	M	M	

FAYETTEVILLE 100K QUADRANGLE - STREAM SEDIMENT

Lab #	County ID	Lat	Long	pH	Cond	U	Th	Hf	Al	Ce	Fe	Mn	Na	Sc	Ti	V	Dy	Eu	La	Sm	Yb	Lu	Au
					um/cm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
2877	HR051	35.3281	78.8839	M	M	7.1	16	19	45100	103	13900	70	300	7.4	4600	50	6.1	-1.0	49	6	2.9	0.7	
2878	HR052	35.3319	78.8598	M	M	14.6	67	55	6400	289	7300	240	300	2.9	10800	30	14.1	M	154	29	8.9	1.0	
2879	HR053	35.3889	78.8369	M	M	3.9	12	18	17900	64	10100	230	500	3.1	5500	30	5.8	-1.0	25	4	3.2	0.4	
2880	HR054	35.2730	78.7408	6.6	71	2.2	6	17	7600	-20	-5000	100	100	1.5	4400	20	3.2	-1.0	11	4	2.2	0.3	
2881	HR055	35.2995	78.6658	M	M	2.8	6	20	9100	-20	8200	80	100	1.8	4200	20	1.8	-1.3	14	3	1.9	0.4	
2882	HR056	35.3153	78.6404	6.1	110	2.6	9	21	10700	33	11500	90	100	2.2	4200	20	2.2	-1.0	14	2	M	0.2	
2883	HR057	35.3327	78.6273	6.7	60	3.5	12	32	5300	33	8700	150	100	2.2	4500	10	2.4	-1.1	17	4	2.6	0.7	
2884	HR058	35.3342	78.6687	7.1	75	4.4	14	44	22900	38	14500	80	100	3.4	5500	40	2.9	-1.0	20	3	M	0.5	
2885	HR059	35.3436	78.6795	6.8	95	3.2	13	30	7800	-44	-5000	40	100	0.8	4000	20	2.5	M	14	3	M	-0.3	2.734
2886	HR060	35.3850	78.6882	M	M	5.1	14	20	35700	49	9000	70	300	4.3	5700	60	6.0	1.3	30	5	M	0.6	
2887	HR061	35.3418	78.7397	7.3	75	8.7	29	47	8700	129	8700	240	300	2.2	8300	30	9.3	M	74	10	5.8	0.9	
2888	HR062	35.3361	78.7578	7.0	52	25.1	110	72	27800	517	9800	470	900	4.4	11900	60	38.3	M	266	86	4.4	1.2	
2889	HR063	35.3725	78.7274	6.7	58	8.7	28	37	7500	131	-5000	M	M	1.5	2300	20	6.1	-1.9	64	10	4.5	1.0	
2890	HR064	35.3837	78.7495	M	M	3.0	5	12	22500	23	12200	90	200	2.8	4500	40	3.6	-1.0	14	2	2.5	0.2	
2891	HR065	35.3736	78.7736	8.3	265	6.6	24	45	6900	118	5300	160	100	2.3	6300	20	5.8	-1.0	60	13	5.3	0.6	
2892	HR066	35.4049	78.7594	M	M	4.1	17	23	36100	95	14300	90	300	6.2	4800	40	4.2	-1.1	41	5	4.0	0.4	
2893	HR067	35.4315	78.8038	6.9	110	4.3	8	12	30700	86	10800	130	700	5.8	5800	50	3.3	-1.1	28	5	2.4	0.6	
2894	HR068	35.4122	78.8428	6.5	60	1.7	5	14	16100	36	8300	550	800	3.5	4700	30	M	1.7	12	2	M	-0.2	
2895	HR069	35.4429	78.9260	7.3	35	1.9	4	6	32000	24	13100	280	2900	2.9	3500	50	3.0	-1.3	8	3	4.4	0.2	
2896	HR070	35.4246	78.9351	7.4	50	2.1	5	11	26700	98	20000	260	2100	3.0	4100	40	2.4	-1.0	13	2	M	0.6	
2897	HR071	35.4483	78.9337	6.1	50	2.0	-2	10	26500	-20	28800	290	8900	6.7	3600	40	5.9	-1.4	14	5	M	0.3	
2898	HR072	35.4403	78.9691	6.9	45	2.4	8	13	19900	52	6800	180	6300	1.5	2600	10	4.5	-2.0	19	4	M	0.3	
2899	HR073	35.4338	78.9985	6.5	38	7.2	21	40	5300	103	-5000	90	600	1.7	5900	20	8.5	-1.6	53	14	7.5	0.8	
2901	HR075	35.4529	78.7283	7.4	260	12.1	35	142	10500	155	7800	200	100	2.9	10900	30	9.8	M	75	13	5.5	1.3	
2902	HR076	35.4820	78.9922	7.3	50	1.5	3	6	19700	-20	11700	280	4300	2.9	3300	20	1.8	-1.0	10	2	M	0.2	
2903	HR077	35.4549	78.9891	7.5	55	0.8	-2	7	38100	-20	54100	590	2800	15.7	M	80	M	-1.0	7	2	M	0.2	
2904	HR078	35.4262	78.8664	7.4	81	1.3	-3	11	13200	-20	5200	130	1400	2.8	3500	20	4.4	-2.0	6	3	M	-0.2	0.048
2905	HR079	35.4562	78.8601	6.8	47	2.2	6	14	19400	39	9300	120	1400	2.6	2800	20	3.1	-1.0	14	2	M	0.4	
2906	HR080	35.4839	78.8816	7.3	45	4.1	6	14	30300	38	12300	260	4300	4.7	3300	20	2.1	-1.0	17	3	2.3	0.4	
2907	HR081	35.4672	78.9035	7.1	45	1.3	M	5	15100	-20	8600	120	3300	1.1	1700	M	2.0	-1.0	4	1	M	0.3	
2908	HR082	35.4761	78.8973	7.2	48	1.8	-4	M	32400	36	-5000	190	10600	2.9	2500	10	M	M	7	2	M	-0.7	
2909	HR083	35.4901	78.9436	7.3	32	3.5	M	15	27100	M	M	310	6900	3.0	2700	10	M	M	M	M	M	M	
2915	HR089	35.4952	78.8494	7.2	50	13.5	55	123	13900	164	8300	290	1900	3.4	9100	20	4.6	3.3	107	11	5.6	1.1	
2917	HR091	35.4682	78.7360	M	M	6.6	22	43	14500	110	5100	150	200	2.8	5300	30	5.4	-1.0	47	13	7.6	0.6	

FAYETTEVILLE 100K QUADRANGLE - STREAM SEDIMENT

Lab #	County ID	Lat	Long	pH	Cond us/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
2918	HR092	35.4549	78.7936	M	M	2.3	6	12	14500	19	7800	70	300	1.8	4200	30	1.6	M	14	2	M	0.2	
2919	HR093	35.4526	78.8094	7.3	89	10.1	M	69	4800	M	M	70	100	1.8	3200	10	M	M	127	86	M	M	
2920	HR094	35.4431	78.8217	M	M	3.0	6	25	11900	41	5800	60	100	1.6	6600	30	3.3	-1.0	15	5	2.8	0.6	0.029
2921	HR095	35.4429	78.7657	M	M	17.6	57	126	32100	274	11400	280	500	5.0	10500	60	25.2	M	137	37	5.9	1.6	
3311	J0001	35.4126	78.5954	M	M	3.7	M	19	25400	M	M	240	300	1.9	5500	40	1.6	M	M	4	M	M	
3312	J0002	35.4434	78.6046	6.7	101	2.9	6	30	6300	23	-5000	140	200	1.6	5200	20	2.8	-1.0	15	2	1.5	0.2	
3313	J0003	35.4722	78.6126	M	M	4.4	13	19	21100	79	11100	150	400	3.1	5400	30	3.8	-1.0	34	4	5.0	0.8	
3314	J0004	35.4855	78.6234	M	M	0.7	-1	8	3600	15	-5000	60	100	1.3	2600	10	0.7	-1.0	3	1	M	0.2	
3322	J0012	35.4871	78.5882	M	M	5.7	M	43	10400	M	M	100	200	1.2	4500	20	3.9	M	74	8	M	M	1.500
3323	J0013	35.4488	78.5585	7.1	65	4.4	15	37	6700	45	6000	120	100	1.9	6100	20	3.6	-1.2	28	6	3.0	0.4	
3324	J0014	35.4364	78.5692	M	M	4.0	9	24	19800	62	9100	120	300	1.5	5000	30	3.5	M	24	4	M	0.3	
3325	J0015	35.4207	78.5547	7.1	71	3.9	9	19	6900	41	-5000	50	200	1.6	4000	10	5.0	-1.1	33	8	2.8	0.3	
3326	J0016	35.4017	78.5430	M	M	5.2	20	24	26800	81	13100	140	300	3.0	5500	50	6.6	-1.6	39	6	4.2	0.5	
3327	J0017	35.3607	78.5560	M	M	4.5	10	40	22500	51	162900	150	200	29.1	5800	40	3.0	M	51	4	2.5	0.4	
3328	J0018	35.3428	78.5174	6.9	70	2.4	-2	27	6500	47	-5000	M	100	1.2	3600	20	M	M	12	16	M	0.4	
3329	J0019	35.3169	78.5342	7.1	70	10.6	61	123	8000	215	-5700	220	200	4.2	11800	30	11.5	-1.0	204	14	M	M	
3331	J0021	35.3112	78.4836	6.9	70	2.6	9	11	13900	-20	10500	90	200	3.3	9500	20	3.4	-1.0	22	3	1.9	0.3	
3332	J0022	35.2985	78.4543	6.4	51	2.6	M	M	9300	M	M	120	200	M	6500	20	2.3	M	36	5	M	M	1.474
3333	J0023	35.2989	78.4040	6.9	120	4.9	9	12	42300	83	30000	160	400	6.2	6600	60	7.0	2.4	37	5	M	0.6	
3334	J0024	35.3127	78.3912	7.1	72	3.4	9	23	26800	70	13100	150	600	5.4	6100	50	3.3	-1.2	26	4	1.8	0.4	
3335	J0025	35.3630	78.3998	M	M	8.4	26	41	17100	124	6100	90	200	2.7	5500	30	7.2	-1.9	65	9	3.2	0.5	
3336	J0026	35.3786	78.4160	M	M	8.1	25	52	14900	66	13100	230	300	4.5	11300	40	7.2	M	58	11	M	0.7	
3337	J0027	35.4005	78.3986	M	M	3.1	12	18	21400	38	8900	110	400	2.0	6900	40	3.0	-1.0	21	3	1.8	0.3	
3338	J0028	35.4012	78.4180	M	M	4.5	16	24	22500	71	14700	140	200	3.0	6700	40	3.4	-1.2	30	3	2.7	0.3	
3339	J0029	35.3783	78.4663	7.0	67	1.9	5	10	8100	47	-5000	50	200	2.2	3000	20	1.7	-1.0	12	2	M	-0.2	
3340	J0030	35.3483	78.4814	M	M	5.2	21	39	11400	95	9200	90	200	3.4	5300	30	3.2	-1.0	42	6	4.2	0.5	
3341	J0031	35.3876	78.5040	M	M	4.6	2	23	25100	-20	-5000	140	300	4.7	6100	50	4.2	-1.2	M	5	M	-0.5	
3342	J0032	35.4138	78.4818	M	M	3.8	7	21	15600	45	6900	80	200	2.6	4900	30	3.8	-1.2	22	4	3.8	0.5	
3343	J0033	35.4243	78.4857	M	M	8.5	33	36	22500	147	7200	190	400	3.1	9600	50	10.2	1.8	71	12	5.0	0.9	0.034
3344	J0034	35.4413	78.5017	7.8	175	5.3	22	27	8100	106	5800	80	400	1.9	4500	20	5.6	-1.0	52	10	4.0	0.7	
3345	J0035	35.4538	78.5323	M	M	9.7	34	52	13100	137	13100	260	300	3.4	11300	40	12.3	4.7	87	23	5.0	0.8	
3346	J0036	35.4760	78.4954	7.1	61	3.7	11	23	11700	48	9200	70	200	2.4	4300	20	3.0	M	24	4	2.8	0.3	1.223
3360	J0050	35.4682	78.4642	6.9	60	4.4	9	35	7100	69	7900	120	200	2.8	5200	20	3.9	-1.0	29	4	7.3	0.5	
3361	J0051	35.4986	78.4132	M	M	2.2	7	12	15500	43	10200	60	100	2.4	3600	30	2.2	-1.0	13	2	M	0.2	

FAYETTEVILLE 100K QUADRANGLE - STREAM SEDIMENT

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3378	J0068	35.4460	78.4011	7.2	60	2.3	9	27	14000	35	5100	130	300	1.9	5400	20	M	-1.9	15	2	M	-0.2	
3379	J0069	35.4331	78.4298	7.0	85	3.6	14	43	5400	42	7500	110	100	1.7	7100	20	5.0	-1.0	28	8	5.4	0.3	
3381	J0071	35.4189	78.3839	7.1	79	4.9	15	22	23900	85	6400	230	3000	1.6	8000	30	4.9	M	41	8	3.9	0.8	0.036
3382	J0072	35.3984	78.3690	M	M	9.5	37	65	11600	178	11300	140	200	2.3	7000	30	8.2	M	85	12	4.3	0.7	
3383	J0073	35.3256	78.3547	5.1	47	4.2	14	40	9900	53	9000	190	200	1.7	8400	30	4.9	-1.5	25	4	5.7	0.5	
3384	J0074	35.3100	78.3489	6.9	75	3.7	11	41	11200	-22	5800	210	1000	2.1	8000	30	3.9	M	24	5	M	-0.2	
3385	J0075	35.3510	78.3258	6.5	50	5.4	19	68	7500	59	5600	180	100	1.3	8000	20	4.2	M	35	6	8.9	0.7	
3386	J0076	35.3467	78.2986	5.5	39	6.5	25	112	7300	72	13400	350	M	3.8	16000	40	4.3	M	38	5	M	0.6	
3387	J0077	35.3500	78.2749	6.3	48	7.6	20	104	19700	102	19200	500	700	4.7	18800	60	5.7	M	52	8	5.2	0.7	
3388	J0078	35.3596	78.2973	M	M	1.9	6	24	6400	-20	8100	160	100	0.7	4200	20	M	M	11	2	M	0.4	
3389	J0079	35.3879	78.3191	M	M	8.6	98	61	46800	332	34600	1530	3800	10.4	7500	60	8.1	M	161	17	5.0	1.1	
3390	J0080	35.4483	78.3837	7.1	146	3.9	7	15	28400	36	6600	130	1500	4.5	6700	40	3.2	-1.0	15	2	2.0	0.2	
3391	J0081	35.4867	78.3508	M	M	2.5	10	16	12100	41	7400	110	700	1.6	3500	20	3.3	1.6	22	3	2.6	0.3	
3392	J0082	35.4758	78.3388	6.9	110	2.4	13	19	12400	48	8100	310	900	0.9	7700	30	M	-1.2	26	3	M	0.4	
3393	J0083	35.4550	78.3082	M	M	3.3	12	16	18400	41	6700	140	600	3.1	5600	30	2.1	M	24	3	M	0.5	
3394	J0084	35.4128	78.2523	6.7	54	5.4	M	29	18200	M	M	160	600	2.6	8000	40	8.0	M	M	M	M	M	
3395	J0085	35.3743	78.2039	6.9	45	4.1	31	15	39100	122	24300	580	9500	5.4	7800	60	4.2	-1.6	63	7	1.9	0.7	
3396	J0086	35.3994	78.1908	6.6	75	6.2	40	38	20100	72	-5800	360	4700	4.2	8200	40	7.7	M	70	8	M	0.8	3.388
3397	J0087	35.3976	78.1781	M	M	1.8	8	11	10400	22	5900	120	400	4.1	M	10	M	-1.0	12	1	M	M	0.032
3398	J0088	35.4422	78.1319	6.5	130	2.3	8	15	12200	-20	-5000	180	400	1.5	7600	20	2.3	-1.0	15	610	M	M	
3399	J0089	35.4715	78.1799	M	M	5.7	59	22	16800	175	10000	140	500	2.9	5000	20	3.9	M	104	7	M	0.3	
3400	J0090	35.4448	78.2047	M	M	1.7	4	9	13300	18	7300	60	1100	1.5	2500	20	1.5	-1.0	10	2	M	-0.2	
3401	J0091	35.4380	78.2246	6.6	85	7.8	38	42	7100	145	-5000	90	300	2.2	5700	20	6.3	M	81	15	5.9	0.4	
3402	J0092	35.4644	78.2298	6.3	300	2.5	7	13	15700	39	8500	80	700	1.9	3300	20	1.3	3.7	22	3	M	-0.9	
3403	J0093	35.4822	78.2433	7.3	110	3.8	29	21	12900	114	6700	190	1500	1.9	6800	30	10.2	M	52	15	M	0.5	
3404	J0094	35.4557	78.2525	M	M	3.4	7	15	40100	-25	24900	110	500	7.2	4200	60	4.0	M	21	2	M	0.3	
3405	J0095	35.4779	78.2782	M	M	1.1	4	6	12800	12	6000	80	1600	0.9	2900	20	1.5	-1.0	4	1	M	0.2	
3406	J0096	35.4991	78.2250	6.9	81	17.8	258	85	23600	770	7200	190	1500	2.7	4000	30	9.9	M	455	27	5.4	0.9	
3413	J0103	35.4973	78.0986	M	M	16.3	77	347	16500	218	13300	300	400	4.4	14700	40	M	M	117	10	11.1	2.2	
5417	SA002	35.0347	78.1443	6.8	168	5.5	33	131	9600	152	11500	330	200	5.3	18800	50	11.4	-1.0	67	13	3.8	0.9	0.019
5433	SA018	35.0336	78.1980	6.2	67	8.6	45	116	12400	228	8900	100	500	4.2	M	20	M	1.3	104	15	7.3	1.1	
5434	SA019	35.0651	78.2009	6.5	82	12.2	65	162	6700	313	7600	130	100	2.1	8400	30	9.8	1.3	142	23	6.5	1.5	
5435	SA020	35.0972	78.2232	6.6	86	5.1	16	56	14100	82	6600	90	200	2.5	3800	10	2.6	-1.0	34	6	2.6	0.5	
5436	SA021	35.1083	78.1838	6.0	175	5.9	18	98	10600	80	7900	140	100	3.4	8200	20	2.9	-1.0	40	6	1.4	0.5	

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5437	SA022	35.1405	78.1458	6.3	77	5.1	16	65	8700	79	8700	200	200	2.4	12000	30	5.1	1.9	35	5	3.8	0.6	
5438	SA023	35.1688	78.1742	6.3	93	4.0	13	32	18600	72	9100	150	500	4.1	6200	30	3.6	-1.0	34	6	1.8	0.4	
5439	SA024	35.1677	78.1321	5.4	60	16.3	69	330	14600	240	30300	1320	M	6.5	19800	70	M	-1.3	134	19	15.2	2.6	
5440	SA025	35.1672	78.2102	6.0	140	5.4	17	45	24000	89	12600	140	400	3.7	7000	40	3.3	-1.0	43	6	4.0	0.3	
5441	SA026	35.2321	78.3132	5.7	118	6.6	28	122	10300	125	13000	90	100	2.4	8900	30	4.3	-1.2	52	9	6.6	1.0	
5442	SA027	35.2014	78.3038	4.7	112	6.1	27	59	23300	125	9400	160	500	3.7	8900	40	7.2	-1.0	53	10	2.4	0.7	
5443	SA028	35.2165	78.2508	5.5	149	2.3	9	27	9200	25	10400	60	100	2.8	5400	20	1.5	-1.0	17	3	M	0.2	
5444	SA029	35.2038	78.3599	5.7	67	10.2	43	111	10800	153	9200	140	100	4.0	8700	30	6.8	-1.2	90	12	4.1	0.8	
5445	SA030	35.1847	78.4069	4.7	82	20.7	96	151	12000	422	7200	190	300	2.8	8700	30	18.3	-1.4	236	17	9.6	1.7	0.035
5446	SA031	35.1824	78.4552	6.1	60	5.5	19	38	13100	81	8000	60	200	2.1	4600	20	4.4	-1.0	44	2	3.1	0.6	
5447	SA032	35.0970	78.2527	6.7	136	8.2	46	110	8800	175	11800	190	300	3.0	9600	30	8.6	-1.9	84	14	2.4	0.9	
5448	SA033	35.1569	78.2643	6.1	97	3.5	11	31	21300	59	12700	110	600	1.3	8400	40	3.3	-1.0	31	1	3.9	0.6	
5449	SA034	35.0407	78.2362	5.5	167	6.0	20	27	40600	104	20100	110	800	5.6	7300	60	4.0	-1.0	50	8	4.5	0.7	
5450	SA035	35.0270	78.2709	6.6	88	13.8	55	160	8900	258	8400	150	300	3.3	8900	30	9.8	M	132	10	7.2	1.3	
5451	SA036	35.0592	78.3372	6.0	62	13.7	52	214	4500	189	10300	240	100	7.9	12600	30	9.6	1.6	102	10	7.2	1.6	
5452	SA037	35.0809	78.3291	5.5	51	13.2	48	120	18000	188	11500	120	300	3.1	7700	40	8.6	-1.0	112	9	5.6	1.2	
5453	SA038	35.1118	78.3442	6.5	59	8.1	31	67	5300	103	8000	160	300	2.1	7200	20	6.8	-1.0	66	3	5.6	0.6	
5454	SA039	35.1525	78.3195	6.4	75	5.7	21	50	24100	108	13700	120	500	4.6	6400	30	3.7	-1.0	47	7	2.9	0.6	
5455	SA040	35.1684	78.3000	6.1	70	6.0	20	38	46700	122	29800	130	400	4.8	9800	90	M	-1.0	52	8	3.5	0.7	
5456	SA041	35.0350	78.3834	6.9	72	7.2	28	43	11500	130	9400	90	400	2.1	5900	20	6.5	-1.0	64	10	6.5	0.7	
5457	SA042	35.0063	78.3851	6.7	58	31.1	138	233	10700	599	11600	200	500	4.8	10000	30	32.1	M	332	49	15.4	1.9	
5458	SA043	35.0393	78.4362	7.1	230	44.9	239	259	10600	1024	15600	370	600	4.5	18300	50	41.8	-1.0	544	85	30.5	4.5	
5462	SA047	35.1213	78.3782	6.1	49	3.0	15	25	20000	53	17300	120	300	5.5	5900	40	2.2	-1.0	26	3	M	0.3	
5463	SA048	35.0902	78.3791	7.0	118	17.7	72	124	15800	320	10800	200	400	3.8	10800	40	15.8	-1.0	164	9	10.5	1.7	
5464	SA049	35.1566	78.4398	6.3	70	4.3	18	23	25500	74	9200	60	300	5.2	5500	40	4.4	-1.0	41	7	6.9	0.6	0.020
5465	SA050	35.1322	78.4805	6.5	88	4.1	15	36	3800	63	-5000	50	100	1.6	3700	10	3.0	-1.0	38	5	M	0.4	
5466	SA051	35.1274	78.5262	6.6	61	12.8	64	87	3200	251	7200	210	100	3.2	8400	20	14.4	-1.0	151	23	5.0	1.4	
5467	SA052	35.1031	78.4734	6.9	45	9.0	43	55	8600	174	11600	130	200	3.1	5800	20	10.7	0.8	98	3	6.7	1.2	
5469	SA054	35.0141	78.6107	4.2	138	3.4	12	16	28500	67	15200	60	300	4.9	5200	40	2.6	1.1	29	5	3.1	0.5	
5470	SA055	35.0161	78.5714	5.2	80	24.2	113	127	7300	533	7700	180	400	1.4	7600	20	24.7	-1.8	274	45	11.1	2.2	
5471	SA056	35.0121	78.4869	6.7	72	5.2	13	36	7100	76	5000	70	200	2.1	3500	10	3.5	-1.0	37	4	2.1	0.5	
5472	SA057	35.0495	78.5292	6.3	28	8.3	41	54	15400	182	14600	80	600	4.0	5100	40	8.2	-1.0	85	11	8.0	1.1	0.013
5473	SA058	35.0593	78.5923	5.3	82	28.5	140	130	8300	588	-5000	150	200	2.0	9400	30	33.4	-1.7	353	54	12.2	1.9	
5474	SA059	35.1043	78.6233	6.3	149	18.1	99	70	11400	415	-5000	100	400	1.6	5700	20	18.2	-1.9	246	35	7.1	1.4	

FAYETTEVILLE 100K QUADRANGLE - STREAM SEDIMENT

Lab #	County ID	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 ppb
5475	SA060	35.1684	78.5868	5.9	88	2.8	7	8	44300	45	15500	170	600	5.8	8800	80	3.4	-1.0	20	M	2.7	0.3	
5476	SA061	35.1221	78.5977	5.8	45	8.0	43	49	4100	172	6800	90	100	2.4	5800	20	7.8	-1.0	101	14	4.2	0.7	
5477	SA062	35.1932	78.5741	5.7	53	10.7	49	64	4300	234	-5000	90	100	2.2	4600	10	8.8	-1.0	120	14	5.2	1.2	
5478	SA063	35.2287	78.5624	5.8	61	13.0	57	90	4900	255	-5000	180	100	3.5	10300	30	14.2	-1.2	145	24	5.0	1.1	
5479	SA064	35.2575	78.5279	5.9	73	3.0	8	28	1800	48	11500	70	M	1.3	4200	10	2.0	2.2	24	3	M	0.4	
5480	SA065	35.2491	78.5383	4.4	47	2.8	6	9	23500	31	7300	40	200	3.8	6100	40	M	M	16	M	2.3	0.3	
5481	SA066	35.2136	78.5425	7.1	275	5.2	26	42	8600	121	10100	110	100	1.7	6900	30	6.8	-1.0	59	10	2.5	0.7	
5493	SA078	35.2431	78.4520	5.8	55	3.4	9	14	33900	38	18700	60	400	5.4	7600	50	M	M	22	M	3.9	0.5	
5494	SA079	35.0370	78.3574	6.2	49	2.0	7	27	5300	36	5800	140	100	2.5	10500	30	M	-1.0	17	2	M	0.3	
6595	WY019	35.4504	78.0240	7.4	80	M	37	59	11000	125	10600	220	700	3.1	7300	20	4.6	-1.0	64	8	5.9	0.7	
6596	WY020	35.4698	78.0444	6.6	70	2.6	15	24	11700	52	8000	90	400	2.0	4100	10	2.6	1.0	28	3	M	0.5	
6597	WY021	35.4829	78.1101	M	M	2.8	8	9	22300	35	5500	130	700	2.1	3700	30	2.6	-1.0	18	2	M	0.1	
6598	WY022	35.4304	78.1280	7.0	110	5.1	36	53	16600	109	16900	220	600	2.6	8500	30	M	-1.0	63	1	4.6	0.6	0.023
6599	WY023	35.3913	78.1384	M	M	3.2	14	23	25300	58	10200	190	1000	3.0	7900	40	M	-1.0	29	4	1.8	0.4	
6600	WY024	35.3934	78.0306	M	M	3.8	11	16	39000	39	19000	180	3200	4.2	6500	40	6.8	M	21	4	M	0.4	0.058
6601	WY025	35.4157	78.0880	7.1	125	9.1	66	129	13500	261	32800	780	500	3.7	25400	60	8.6	-1.0	126	13	5.7	1.3	
6602	WY026	35.3326	78.1924	5.1	60	3.0	9	42	9800	49	10400	150	300	1.5	6200	20	3.5	-1.0	27	1	3.0	0.5	
6603	WY027	35.3308	78.1485	6.1	60	6.2	15	75	10700	80	13600	430	400	4.6	13900	30	3.4	M	46	7	6.5	0.6	
6610	WY034	35.3163	78.0380	6.3	40	3.6	10	15	36300	62	23000	130	700	4.4	7500	60	3.7	-1.0	31	5	2.6	0.4	
6611	WY035	35.3178	78.0097	M	M	2.3	8	23	11200	34	12700	140	300	1.7	7200	30	1.8	-1.0	17	3	1.6	0.4	
6618	WY042	35.2001	78.0070	5.3	40	3.9	15	65	5400	56	11600	200	100	1.2	7900	20	3.0	0.8	33	5	3.0	0.6	
6619	WY043	35.2374	78.0414	M	M	3.9	14	55	14200	72	14500	230	200	1.7	9800	30	2.8	-1.0	35	5	3.0	0.7	
6620	WY044	35.2419	78.0697	6.6	88	5.9	19	84	19000	77	12400	260	300	3.8	12000	40	4.0	-1.0	40	5	3.7	0.5	
6621	WY045	35.2185	78.1209	6.7	92	2.9	10	38	M	42	10600	M	M	0.9	M	M	M	-1.0	23	4	3.8	0.5	
6622	WY046	35.2372	78.1524	6.3	104	6.9	21	94	8300	117	12000	270	400	2.2	10100	30	5.6	-1.0	50	6	7.2	0.9	0.014
6623	WY047	35.2649	78.1581	6.9	61	5.4	21	80	14500	97	13200	360	400	2.9	13800	40	3.2	-1.0	53	1	4.9	0.9	
6624	WY048	35.2272	78.2048	6.5	80	6.4	19	64	14300	79	10900	220	500	2.7	7800	30	6.3	-1.2	42	6	4.9	0.7	
6625	WY049	35.2542	78.2620	M	M	4.7	11	35	56800	79	29700	250	500	5.2	14200	120	M	-1.0	27	4	M	0.3	
6626	WY050	35.2863	78.2553	5.9	45	4.7	17	78	8100	52	14500	280	200	2.9	12300	30	2.0	-1.0	30	1	3.2	0.6	
6627	WY051	35.2737	78.2148	6.2	41	6.4	27	127	20400	87	23800	500	200	5.5	20600	70	M	-1.0	38	6	6.5	0.9	
6628	WY052	35.2988	78.1317	5.7	70	5.2	19	99	12100	72	21600	500	200	3.5	21900	60	3.0	-1.0	42	7	7.2	1.1	
6629	WY053	35.3188	78.1105	6.1	25	14.4	49	314	13100	215	39300	1470	M	6.7	37100	80	0.3	-1.0	96	12	15.7	2.2	
6630	WY054	35.2797	78.0850	5.6	45	9.5	27	116	19700	115	27300	1080	M	3.4	15100	40	0.4	-1.1	73	12	7.6	0.8	

FAYETTEVILLE 100K QUADRANGLE - SUPPLEMENTAL STREAM SEDIMENT

Lab #	County ID	Lat	Long	Ux ppm	Ag ppm	As ppm	Ba ppm	Be ppm	Ca ppm	Co ppm	Cr ppm	Cu ppm	K ppm	Li ppm	Mg ppm	Mo ppm	Nb ppm	Ni ppm	P ppm	Pb ppm	Se ppm	Sn ppm	Sr ppm	W ppm	Y ppm	Zn ppm
987	CU004	35.0577	78.9996	0.1	-0.1	2	10	0.5	-100	-5	5	3	1000	6	300	6	5	-5	900	12	1	10	.	-2	-5	12
995	CU012	35.0182	78.8666	0.1	-0.1	2	5	0.5	-100	-5	-5	3	3000	6	500	-2	5	-5	1000	10	2	-5	.	-2	145	7
996	CU013	35.0656	78.8426	0.2	0.1	1	22	1	200	-5	10	6	4000	10	1000	-2	5	7	1000	-10	-1	-5	.	-2	120	5
997	CU014	35.1077	78.8470	0.1	-0.1	3	5	1.5	200	-5	-5	7	10000	9	1050	2	5	10	1000	-10	3	-5	.	-2	15	15
998	CU015	35.1432	78.8161	-0.1	0.1	3	35	1.5	-100	10	-5	7	7000	10	2000	-2	5	5	900	12	3	-5	.	-2	20	20
999	CU016	35.1709	78.7536	-0.1	0.2	0	14	-0.5	300	14	17	9	7000	17	3000	6	8	14	1000	-10	-1	47	.	-2	27	8
1000	CU017	35.2061	78.6946	0.1	-0.1	0	17	1.5	300	7	18	6	4000	17	2250	-2	5	5	1100	10	3	-5	.	-2	10	7
1001	CU018	35.1882	78.7111	0.1	-0.1	2	70	2.5	700	5	5	7	10000	22	1250	2	5	-5	1000	-10	1	-5	.	-2	10	17
1002	CU019	35.1354	78.7463	-0.1	0.1	2	5	0.5	-100	-5	6	3	1000	5	600	-2	5	-5	900	-10	1	10	.	-2	10	-5
1003	CU020	35.0661	78.7210	-0.1	0.1	4	12	0.5	-100	5	6	5	2000	13	2000	-2	5	-5	900	10	3	-5	.	-2	15	10
1004	CU021	35.0268	78.7098	0.1	-0.1	0	12	1.5	-100	-5	5	3	1000	5	950	-2	5	-5	800	-10	2	15	.	-2	5	-5
1005	CU022	35.0072	78.6891	0.3	0.2		7	0.5	-100	5	14	3	1000	5	550	-2	20	-5	1200	15	9	10	.	-2	245	5
1015	CU032	35.1150	78.9191	-0.1	-0.1	2	10	-0.5	-100	-5	15	2	1000	6	350	-2	10	-5	1100	25	5	10	.	-2	195	-5
1016	CU033	35.1872	78.9870	0.1	0.3	1	7	0.7	300	5	8	11	3000	7	700	2	15	5	1000	19	5	42	.	-2	148	14
1018	CU035	35.0690	78.8905	0.1	-0.1	1	-5	0.5	-100	-5	7	4	1000	5	750	-2	5	-5	700	37	2	-5	.	-2	25	10
1019	CU036	35.1878	78.7832	-0.1	-0.1		5	1	100	-5	5	5	3000	10	1600	-2	-5	-5	700	-10	2	10	.	-2	-5	7
1020	CU037	35.1279	78.7974	-0.1	0.1		17	2.5	100	17	6	13	6000	21	2600	2	5	10	1100	20	6	-5	.	-2	-5	55
1021	CU038	35.2315	78.6304	-0.1	-0.1	0	-5	0.5	-100	-5	5	4	2000	6	1000	-2	5	-5	900	10	4	5	.	-2	10	10
1022	CU039	35.1563	78.6469	-0.1	-0.1	1	10	0.5	-100	-5	5	3	2000	6	1100	2	-5	-5	800	10	7	-5	.	-2	-5	5
1023	CU040	35.1762	78.6732	-0.1	0.2		.	.	100	14	.	12	.	.	.	.	.	14	.	25		.	.	.	.	8
1024	CU041	35.1153	78.6725	0.7	0.1	1	5	0.5	-100	-5	25	3	3000	6	1000	-2	30	-5	1800	10	3	-5	.	-2	445	-5
1025	CU042	35.0899	78.6800	0.2	-0.1	2	-5	0.5	-100	-5	5	3	2000	7	350	2	-5	-5	800	-10	5	20	.	-2	10	5
1026	CU043	35.0187	78.8069	-0.1	0.2	2	7	0.5	100	5	15	5	4000	9	1300	2	5	-5	1100	12	3	-5	.	-2	135	5
1031	CU048	35.1253	78.9748	-0.1	0.3	4	7	0.5	-100	-5	7	4	1000	5	900	-2	5	-5	700	20	2	5	.	-2	-5	7
1032	CU049	35.1479	78.9488	0.1	0.1	2	-5	0.5	-100	-5	6	2	1000	6	400	2	15	-5	700	-10	3	-5	.	-2	-5	-5
1265	DU001	35.0618	78.0965	2.4	0.1	3	5	-0.5	-100	5	19	2	1000	7	400	3	30	-5	800	12	-1	5	.	-2	10	7
1266	DU002	35.0297	78.0541	1.7	0.1	4	7	-0.5	-100	-5	11	2	-1000	7	600	4	20	-5	700	12	1	-5	.	2	5	7
1267	DU003	35.0470	78.0328	0.9	0.2	2	-5	-0.5	-100	5	13	2	-1000	6	650	2	15	-5	700	12	1	-5	.	-2	-5	5
1268	DU004	35.0296	78.0089	2.1	0.7	2	22	0.5	-100	17	10	7	2000	18	1550	-2	10	5	1200	27	-1	-5	.	2	-5	27
1271	DU007	35.0982	78.0101	2.1	0.4	2	22	1.5	-100	15	20	7	2000	18	2250	-2	5	7	1500	27	1	-5	.	2	10	30
1272	DU008	35.1270	78.0425	0.9	0.3	4	5	0.5	-100	10	14	2	-1000	8	450	-2	20	-5	400	15	-1	-5	.	-2	-5	7
1273	DU009	35.1402	78.0757	0.6	0.2	3	-5	-0.5	-100	7	15	2	-1000	8	300	2	30	-5	800	-10	-1	-5	.	-2	-5	-5
1274	DU010	35.0585	78.1279	1.2	0.4	5	-5	-0.5	-100	12	17	4	-1000	11	500	-2	40	5	700	15	2	-5	.	-2	-5	15
1275	DU011	35.0907	78.0906	1.1	0.2	2	5	-0.5	-100	5	22	-2	-1000	6	350	-2	50	-5	700	10	1	-5	.	2	15	-5

FAYETTEVILLE 100K QUADRANGLE - SUPPLEMENTAL STREAM SEDIMENT

Lab #	County ID	Lat	Long	Ux ppm	Ag ppm	As ppm	Ba ppm	Be ppm	Ca ppm	Co ppm	Cr ppm	Cu ppm	K ppm	Li ppm	Mg ppm	Mo ppm	Nb ppm	Ni ppm	P ppm	Pb ppm	Se ppm	Sn ppm	Sr ppm	W ppm	Y ppm	Zn ppm
1276	DU012	35.1182	78.1230	1.4	0.4	3	7	0.5	-100	5	17	-2	-1000	6	250	2	40	-5	900	-10	-1	-5	.	-2	10	-5
1277	DU013	35.1269	78.1476	1.1	0.2	4	5	-0.5	-100	5	20	-2	-1000	7	300	-2	60	-5	900	-10	1	-5	.	2	10	12
1278	DU014	35.1737	78.1360	1.1	0.6	4	17	1	-100	22	13	5	2000	19	2400	-2	30	5	1100	20	-1	-5	.	2	-5	30
1287	DU023	35.1877	78.0458	0.6	0.3	4	5	0.5	-100	7	17	6	-1000	9	950	4	45	-5	600	12	-1	-5	.	-2	-5	10
1288	DU024	35.0174	78.1474	1.2	0.3	3	10	-0.5	-100	5	11	-2	1000	7	450	-2	20	-5	700	-10	-1	-5	.	-2	-5	-5
1946	HR009	35.4381	78.7128	1.5	-0.1	1	37	0.5	-100	-5	6	5	1000	10	1050	6	5	-5	500	-10	-1	20	.	2	-5	-5
1951	HR014	35.2611	78.9028	2.5	-0.1	1	32	0.5	-100	-5	6	3	4000	5	1100	-2	-5	-5	1200	10	-1	-5	.	-2	-5	5
1952	HR015	35.2316	78.9341	7.1	0.1		32	0.5	-100	-5	11	3	4000	5	950	-2	5	-5	700	-10	1	-5	.	-2	115	-5
1953	HR016	35.2306	78.9614	2.1	-0.1	1	25	0.5	-100	-5	13	4	2000	5	900	-2	5	-5	800	-10	1	5	.	2	205	5
1954	HR017	35.2716	78.9471	17.9	0.1	0	5	0.5	-100	-5	8	3	2000	-5	800	-2	25	-5	1000	-10	2	10	.	2	335	-5
1955	HR018	35.2654	78.9595	13.1	0.2	1	-5	-0.5	-100	-5	10	3	2000	-5	300	-2	25	-5	1100	10	2	-5	.	-2	315	105
1956	HR019	35.2873	78.9821	1.7	-0.1	1	15	-0.5	-100	-5	7	4	1000	-5	550	-2	5	-5	400	-10	-1	-5	.	-2	-5	-5
1958	HR021	35.3064	78.9647	0.7	-0.1		32	0.5	-100	-5	6	4	1000	6	950	-2	15	-5	600	-10	-1	-5	.	-2	10	-5
1959	HR022	35.3371	78.9762	1.1	-0.1	1	22	0.5	-100	-5	9	4	2000	5	900	3	25	-5	700	-10	1	-5	.	-2	10	5
1960	HR023	35.3104	78.9933	0.8	0.2	1	17	-0.5	-100	-5	8	3	1000	-5	500	-2	40	-5	800	-10	-1	-5	.	-2	10	-5
1969	HR032	35.3846	78.9993	1.3	-0.1	10	30	0.5	100	-5	8	4	1000	7	1700	2	15	-5	700	-10	-1	5	.	-2	5	242
1970	HR033	35.3672	78.9868	0.7	0.1	2	7	0.5	100	-5	6	4	1000	7	1050	2	15	-5	800	-10	-1	10	.	-2	-5	7
1971	HR034	35.3408	78.9529	1.9	-0.1	1	-5	-0.5	-100	-5	14	17	3000	-5	250	4	35	-5	1200	-10	-1	5	.	-2	120	-5
1972	HR035	35.3303	78.9276	1.5	-0.1	2	10	0.5	100	7	8	3	2000	7	700	-2	25	-5	800	-10	-1	10	.	2	95	12
1973	HR036	35.3484	78.9214	0.4	-0.1	2	35	0.5	100	7	5	5	4000	18	750	-2	-5	-5	700	-10	2	-5	.	-2	35	-5
1974	HR037	35.3779	78.9462	1.6	-0.1	1	7	-0.5	-100	7	-5	3	1000	7	350	-2	5	-5	700	-10	-1	-5	.	-2	20	7
1975	HR038	35.3975	78.9209	1.3	0.2	2	15	1	-100	15	-5	9	5000	20	950	4	5	-5	500	12	-1	-5	.	-2	10	15
1976	HR039	35.3703	78.9008	0.6	0.1	3	10	-0.5	-100	7	6	-2	1000	5	-200	-2	40	-5	1000	-10	-1	5	.	-2	115	-5
1977	HR040	35.3875	78.8642	0.9	0.1	1	7	-0.5	-100	7	5	2	1000	6	700	-2	20	-5	700	10	-1	5	.	-2	15	7
1978	HR041	35.3513	78.8525	0.3	-0.1	1	12	-0.5	-100	12	7	2	2000	7	550	4	35	-5	800	-10	-1	-5	.	-2	60	10
1979	HR042	35.3309	78.8357	0.4	-0.1	3	12	1	-100	22	-5	5	4000	7	800	-2	25	-5	900	-10	-1	5	.	-2	10	17
1980	HR043	35.3401	78.8112	0.5	-0.1	1	22	0.5	200	17	-5	4	2000	7	700	3	15	5	1400	10	-1	-5	.	-2	545	15
1981	HR044	35.2973	78.7711	0.4	0.2	1	10	0.5	200	17	-5	5	1000	11	500	-2	15	-5	800	-10	2	-5	.	-2	-5	10
1982	HR045	35.2953	78.8041	0.4	0.1	2	17	0.5	-100	10	-5	5	2000	16	350	2	5	-5	500	-10	-1	10	.	-2	20	5
1983	HR046	35.2746	78.7923	0.4	0.1	1	17	0.5	100	7	5	3	7000	5	450	2	30	-5	1100	-10	1	-5	.	-2	175	-5
1984	HR047	35.2693	78.8101	0.3	-0.1	1	12	-0.5	100	5	-5	3	2000	-5	300	3	20	-5	1100	-10	-1	15	.	-2	175	-5
1985	HR048	35.2719	78.8602	0.4	-0.1	2	22	-0.5	-100	10	-5	4	3000	5	300	-2	15	-5	700	42	-1	-5	.	-2	85	10
1986	HR049	35.3044	78.8468	0.5	-0.1	4	5	-0.5	-100	7	-5	3	1000	5	-200	-2	5	-5	600	-10	-1	-5	.	2	105	-5
1987	HR050	35.3178	78.8723	0.3	-0.1	0	5	-0.5	-100	7	-5	2	2000	5	-200	-2	-5	-5	200	-10	-1	-5	.	-2	10	-5

FAYETTEVILLE 100K QUADRANGLE - SUPPLEMENTAL STREAM SEDIMENT

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1988	HR051	35.3281	78.8839	0.4	0.3	2	20	1	-100	10	-5	3	3000	18	1500	-2	5	-5	100	10	-1	-5	.	-2	45	-5
1989	HR052	35.3319	78.8598	0.4	-0.1	1	22	-0.5	-100	10	-5	2	2000	-5	650	-2	15	-5	700	-10	-1	-5	.	-2	145	-5
1990	HR053	35.3889	78.8369	0.5	-0.1	1	10	-0.5	100	12	-5	5	2000	10	1150	-2	10	-5	600	12	-1	-5	.	-2	10	17
1991	HR054	35.2730	78.7408	0.4	0.1	1	7	-0.5	-100	7	-5	3	1000	5	500	-2	-5	-5	800	-10	-1	5	.	-2	-5	7
1992	HR055	35.2995	78.6658	0.4	0.2	1	5	0.5	100	7	7	5	-1000	8	650	-2	5	-5	600	15	-1	15	.	-2	10	20
1993	HR056	35.3153	78.6404	0.3	-0.1	4	5	-0.5	-100	7	7	4	1000	8	300	-2	5	-5	300	12	1	10	.	-2	20	10
1994	HR057	35.3327	78.6273	0.3	-0.1		10	-0.5	100	-5	5	3	-1000	-5	-200	2	-5	-5	600	15	1	10	.	-2	5	7
1995	HR058	35.3342	78.6687	0.4	0.3	2	10	0.5	-100	17	5	5	1000	12	1200	-2	15	-5	700	-10	-1	-5	.	-2	10	15
1996	HR059	35.3436	78.6795	0.4	-0.1	2	-5	-0.5	-100	7	5	3	-1000	6	500	-2	-5	-5	600	-10	-1	-5	.	-2	25	7
1997	HR060	35.3850	78.6882	0.3	-0.1	1	15	1	-100	17	5	4	2000	13	1400	3	5	-5	600	-10	-1	-5	.	-2	5	5
1998	HR061	35.3418	78.7397	0.6	-0.1	0	5	-0.5	-100	10	7	3	2000	6	200	-2	20	-5	700	-10	-1	15	.	-2	20	5
1999	HR062	35.3361	78.7578	0.3	-0.1	1	25	1	-100	15	5	5	4000	5	650	-2	15	-5	900	-10	1	-5	.	-2	35	10
2000	HR063	35.3725	78.7274	0.3	-0.1	0	17	-0.5	-100	5	7	2	2000	-5	450	-2	10	-5	500	-10	-1	5	.	-2	25	5
2001	HR064	35.3837	78.7495	0.3	-0.1	2	37	0.5	100	12	7	4	1000	10	1150	-2	15	-5	600	-10	-1	-5	.	-2	35	10
2002	HR065	35.3736	78.7736	0.3	0.1		-5	-0.5	-100	5	5	3	1000	-5	500	-2	-5	-5	700	-10	-1	20	.	-2	-5	10
2003	HR066	35.4049	78.7594	0.4	-0.1	1	32	2	-100	12	5	6	2000	17	1600	4	15	-5	400	15	-1	5	.	-2	-5	10
2004	HR067	35.4315	78.8038	0.3	0.3	1	5	1	-100	17	5	7	3000	16	1750	-2	10	-5	800	17	-1	-5	.	-2	25	22
2005	HR068	35.4122	78.8428	0.4	-0.1	1	7	-0.5	100	10	-5	3	3000	10	1800	3	5	-5	600	-10	-1	5	.	-2	20	10
2006	HR069	35.4429	78.9260	0.4	-0.1	6	60	1	-100	10	-5	2	12000	8	250	-2	5	-5	300	-10	-1	10	.	-2	5	7
2007	HR070	35.4246	78.9351	0.3	-0.1	4	50	1	-100	12	-5	2	11000	9	450	-2	15	-5	300	-10	-1	5	.	-2	-5	5
2008	HR071	35.4483	78.9337	0.7	-0.1	2	-5	0.5	600	10	-5	3	2000	-5	3000	-2	-5	-5	600	-10	-1	-5	.	-2	-5	15
2009	HR072	35.4403	78.9691	0.4	-0.1	14	12	0.5	-100	-5	5	-2	10000	-5	350	-2	-5	-5	500	-10	-1	10	.	-2	5	-5
2010	HR073	35.4338	78.9985	0.3	-0.1	8	10	-0.5	-100	10	-5	2	2000	-5	450	-2	10	-5	600	-10	-1	-5	.	-2	35	-5
2012	HR075	35.4529	78.7283	0.3	0.2	2	17	-0.5	-100	10	6	-2	1000	6	400	-2	15	-5	600	-10	-1	15	.	-2	-5	-5
2013	HR076	35.4820	78.9922	0.3	0.2	0	17	0.5	100	5	5	-2	9000	5	1700	-2	-5	-5	600	-10	-1	-5	.	-2	5	-5
2014	HR077	35.4549	78.9891	0.2	0.1	2	25	0.5	200	15	7	3	2000	8	2600	-2	-5	7	600	-10	-1	10	.	-2	5	10
2015	HR078	35.4262	78.8664	0.2	-0.1	0	7	0.5	-100	12	-5	2	3000	9	850	-2	-5	-5	700	-10	1	-5	.	-2	5	12
2016	HR079	35.4562	78.8601	0.4	-0.1		15	-0.5	-100	12	-5	2	5000	12	1100	-2	5	5	700	-10	2	5	.	-2	-5	15
2017	HR080	35.4839	78.8816	0.3	0.1	0	20	1	100	15	5	-2	9000	9	1100	-2	-5	-5	700	-10	-1	-5	.	-2	-5	15
2018	HR081	35.4672	78.9035	0.3	-0.1	0	17	0.5	-100	12	-5	-2	11000	-5	350	-2	-5	-5	600	-10	-1	10	.	-2	-5	-5
2019	HR082	35.4761	78.8973	0.4	0.1	1	20	1	-100	12	-5	-2	14000	5	550	-2	-5	10	600	-10	-1	-5	.	-2	-5	7
2020	HR083	35.4901	78.9436	0.3	0.1		15	1	-100	10	-5	2	20000	-5	500	-2	-5	-5	500	-10	-1	-5	.	-2	15	7
2026	HR089	35.4952	78.8494	0.3	0.2	1	10	0.5	100	10	-5	2	4000	6	1700	-2	5	10	800	-10	-1	-5	.	-2	-5	10
2028	HR091	35.4682	78.7360	0.4	0.2	0	12	0.5	-100	12	-5	4	3000	8	400	-2	10	-5	600	-10	-1	10	.	-2	-5	5

FAYETTEVILLE 100K QUADRANGLE - SUPPLEMENTAL STREAM SEDIMENT

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2029	HR092	35.4549	78.7936	0.3	0.1	0	20	-0.5	-100	10	5	3	3000	7	300	-2	5	-5	600	-10	-1	-5	.	-2	-5	20
2030	HR093	35.4526	78.8094	0.4	0.1		17	-0.5	-100	7	-5	2	1000	-5	600	-2	5	-5	800	-10	1	-5	.	-2	5	-5
2031	HR094	35.4431	78.8217	0.2	0.1	1	17	-0.5	-100	10	5	3	1000	6	250	-2	10	-5	800	-10	-1	-5	.	-2	-5	-5
2032	HR095	35.4429	78.7657	1.7	0.2	0	17	1	-100	15	6	3	2000	15	650	-2	10	-5	700	10	1	5	.	-2	20	12
2134	J0001	35.4126	78.5954	.	-0.1	1	10	0.5	100	15	5	6	1000	15	800	-2	-5	7	400	25	-1	-5	.	-2	-5	37
2135	J0002	35.4434	78.6046	0.2	0.1		17	-0.5	-100	7	6	2	1000	5	250	-2	5	-5	600	-10	1	-5	.	-2	-5	-5
2136	J0003	35.4722	78.6126	0.2	-0.1	0	15	1	-100	12	6	2	5000	9	1200	-2	5	-5	400	-10	-1	-5	.	-2	-5	5
2137	J0004	35.4855	78.6234	0.4	0.1	0	15	0.5	-100	10	-5	2	1000	-5	500	-2	-5	-5	500	-10	-1	-5	.	-2	-5	-5
2145	J0012	35.4871	78.5882	0.4	0.2	0	17	0.5	-100	12	5	3	1000	6	450	-2	5	15	700	-10	-1	20	.	-2	-5	7
2146	J0013	35.4488	78.5585	0.4	0.2	0	17	0.5	-100	10	5	-2	1000	5	250	-2	5	-5	600	-10	-1	-5	.	-2	10	-5
2147	J0014	35.4364	78.5692	0.5	0.3	0	12	0.5	100	10	7	5	2000	9	650	-2	5	-5	900	-10	1	-5	.	2	-5	27
2148	J0015	35.4207	78.5547	0.8	0.2	0	15	0.5	-100	12	-5	-2	2000	5	200	-2	-5	-5	400	-10	-1	10	.	-2	-5	-5
2149	J0016	35.4017	78.5430	0.3	0.4	0	20	1	-100	17	5	3	3000	14	1750	-2	5	32	300	22	-1	15	.	-2	10	27
2150	J0017	35.3607	78.5560	0.4	0.3	4	15	0.5	100	17	6	3	1000	10	700	-2	5	-5	500	20	2	-5	.	-2	-5	17
2151	J0018	35.3428	78.5174	0.3	-0.1		22	-0.5	-100	12	5	2	1000	5	350	-2	5	22	600	15	1	-5	.	-2	5	7
2152	J0019	35.3169	78.5342	0.5	0.1		20	-0.5	-100	10	6	-2	1000	-5	400	-2	5	-5	600	-10	-1	-5	.	-2	-5	7
2154	J0021	35.3112	78.4836	6.2	0.1	0	10	0.5	600	15	6	5	1000	8	850	-2	-5	-5	1500	30	-1	-5	.	-2	5	27
2155	J0022	35.2985	78.4543	1.3	-0.1	0	5	0.5	-100	10	7	2	1000	5	250	-2	5	-5	600	-10	-1	5	.	-2	-5	-5
2156	J0023	35.2989	78.4040	3.2	0.2	2	17	1	300	17	10	5	2000	25	1700	-2	15	7	1500	17	-1	5	.	-2	-5	37
2157	J0024	35.3127	78.3912	0.4	0.1	1	10	-0.5	-100	15	6	3	3000	13	950	-2	5	-5	400	-10	-1	-5	.	-2	10	20
2158	J0025	35.3630	78.3998	0.7	0.1	0	10	0.5	-100	7	7	2	3000	12	600	-2	10	-5	600	-10	-1	10	.	-2	-5	10
2159	J0026	35.3786	78.4160	0.6	-0.1	0	17	-0.5	-100	5	10	2	3000	6	250	-2	30	-5	800	-10	-1	5	.	-2	5	-5
2160	J0027	35.4005	78.3986	0.3	0.1		20	-0.5	-100	10	-5	-2	3000	7	250	-2	-5	-5	700	-10	-1	5	.	-2	-5	-5
2161	J0028	35.4012	78.4180	0.7	0.1		15	-0.5	700	12	6	2	3000	9	450	-2	10	-5	800	-10	-1	-5	.	-2	-5	5
2162	J0029	35.3783	78.4663	1.1	-0.1		10	-0.5	-100	10	6	-2	2000	5	200	-2	-5	-5	800	25	-1	10	.	-2	-5	17
2163	J0030	35.3483	78.4814	0.1	-0.1	0	10	0.5	-100	7	8	-2	2000	9	600	-2	5	-5	500	-10	-1	5	.	2	5	7
2164	J0031	35.3876	78.5040	1.3	0.2	0	12	0.5	100	10	5	3	2000	16	800	-2	5	-5	600	15	-1	-5	.	-2	-5	17
2165	J0032	35.4138	78.4818	0.7	-0.1	0	12	-0.5	-100	7	-5	2	3000	8	300	-2	-5	-5	900	-10	-1	-5	.	-2	-5	5
2166	J0033	35.4243	78.4857	1.1	0.1	0	15	-0.5	-100	10	7	2	3000	11	550	-2	10	-5	600	-10	-1	10	.	-2	-5	12
2167	J0034	35.4413	78.5017	0.1	-0.1	0	15	0.5	-100	10	5	-2	3000	6	300	-2	5	-5	500	-10	-1	15	.	-2	-5	5
2168	J0035	35.4538	78.5323	1.4	-0.1	0	10	0.5	-100	10	8	3	1000	8	350	-2	15	-5	900	-10	-1	-5	.	-2	10	10
2169	J0036	35.4760	78.4954	0.1	-0.1		10	0.5	-100	10	5	2	1000	8	300	-2	10	-5	1100	-10	-1	-5	.	-2	-5	7
2183	J0050	35.4682	78.4642	0.1	0.1	0	7	0.5	.	12	5	2	1000	6	200	-2	5	-5	800	12	-1	10	.	-2	-5	10
2184	J0051	35.4986	78.4132	0.1	-0.1	0	7	0.5	-100	5	-5	-2	1000	7	350	-2	5	-5	800	-10	-1	-5	.	-2	10	-5

FAYETTEVILLE 100K QUADRANGLE - SUPPLEMENTAL STREAM SEDIMENT

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2201	J0068	35.4460	78.4011	0.3	-0.1	1	7	0.5	-100	7	6	2	3000	6	900	-2	5	-5	700	-10	2	5	.	-2	-5	5
2202	J0069	35.4331	78.4298	0.3	0.1	0	12	-0.5	-100	5	5	3	1000	5	250	2	-5	5	600	-10	-1	10	.	-2	-5	15
2204	J0071	35.4189	78.3839	0.3	0.1	0	17	-0.5	-100	10	7	2	6000	6	1150	-2	5	-5	600	-10	-1	-5	.	-2	-5	-5
2205	J0072	35.3984	78.3690	1.0	0.2		12	0.5	-100	10	7	-2	1000	6	950	-2	10	-5	800	-10	1	10	.	-2	10	5
2206	J0073	35.3256	78.3547	0.3	0.3	1	15	-0.5	-100	7	7	2	1000	6	700	-2	15	-5	600	-10	1	-5	.	-2	5	-5
2207	J0074	35.3100	78.3489	0.3	0.3	2	7	-0.5	-100	7	8	2	3000	5	1000	-2	15	-5	700	-10	1	-5	.	-2	-5	-5
2208	J0075	35.3510	78.3258	0.6	0.1		10	0.5	-100	-5	10	-2	1000	-5	200	-2	15	-5	700	-10	1	-5	.	-2	-5	-5
2209	J0076	35.3467	78.2986	1.3	0.2	0	7	0.5	-100	7	11	-2	1000	5	850	-2	15	-5	700	-10	1	5	.	-2	5	-5
2210	J0077	35.3500	78.2749	1.3	0.3		25	-0.5	-100	7	15	4	3000	8	450	-2	25	-5	600	-10	2	10	.	-2	-5	-5
2211	J0078	35.3596	78.2973	0.6	0.2	2	20	-0.5	-100	5	11	-2	1000	5	200	-2	15	-5	400	-10	-1	-5	.	-2	-5	-5
2212	J0079	35.3879	78.3191	1.4	0.3	1	45	1	100	17	13	5	12000	14	1100	-2	15	-5	800	-10	-1	-5	.	-2	5	45
2213	J0080	35.4483	78.3837	0.6	0.2	0	10	0.5	100	5	11	-2	3000	13	1800	-2	10	-5	400	-10	1	10	.	2	5	-5
2214	J0081	35.4867	78.3508	0.3	0.3	1	10	0.5	-100	10	6	-2	4000	7	300	-2	5	-5	500	-10	1	5	.	-2	5	7
2215	J0082	35.4758	78.3388	0.3	0.2		15	0.5	-100	7	9	2	4000	6	900	-2	5	-5	600	-10	-1	-5	.	-2	15	7
2216	J0083	35.4550	78.3082	1.0	0.2		5	0.5	-100	10	7	2	3000	10	1300	6	5	-5	700	10	1	-5	.	-2	-5	10
2217	J0084	35.4128	78.2523	0.9	0.1	0	10	0.5	-100	7	5	-2	3000	8	1050	-2	5	7	600	10	1	5	.	-2	10	-5
2218	J0085	35.3743	78.2039	0.9	0.2		45	1.5	100	10	10	2	15000	8	2000	-2	15	-5	600	-10	1	-5	.	-2	5	7
2219	J0086	35.3994	78.1908	1.0	0.2	0	10	0.5	-100	12	9	2	7000	6	1600	-2	15	-5	600	-10	-1	-5	.	-2	-5	7
2220	J0087	35.3976	78.1781	1.0	0.2	1	17	-0.5	-100	7	7	4	3000	7	900	-2	-5	-5	600	-10	-1	5	.	-2	-5	7
2221	J0088	35.4422	78.1319	1.0	0.3	1	15	1	-100	7	8	2	3000	8	1000	-2	10	5	800	-10	1	5	.	-2	5	15
2222	J0089	35.4715	78.1799	0.7	0.3	1	7	0.5	-100	7	7	3	6000	11	550	-2	10	-5	600	10	1	5	.	-2	-5	12
2223	J0090	35.4448	78.2047	0.3	0.2	1	5	0.5	-100	-5	-5	2	4000	7	1050	-2	-5	-5	600	-10	2	-5	.	-2	-5	7
2224	J0091	35.4380	78.2246	1.3	0.2	1	5	0.5	-100	-5	7	-2	3000	5	750	-2	5	-5	600	-10	1	-5	.	-2	5	5
2225	J0092	35.4644	78.2298	1.0	0.2		12	0.5	-100	7	9	2	9000	8	1100	-2	5	-5	600	10	-1	-5	.	-2	5	12
2226	J0093	35.4822	78.2433	1.0	0.1	0	12	0.5	-100	7	6	3	4000	6	900	-2	5	-5	700	10	1	-5	.	-2	-5	15
2227	J0094	35.4557	78.2525	1.0	0.2	2	7	0.5	100	10	7	4	4000	10	700	-2	5	5	600	-10	-1	-5	.	-2	5	7
2228	J0095	35.4779	78.2782	0.3	0.2	0	-5	0.5	-100	10	-5	2	4000	5	850	-2	-5	-5	600	-10	-1	5	.	-2	-5	-5
2229	J0096	35.4991	78.2250	1.6	0.3	0	12	0.5	-100	7	12	2	16000	9	1450	-2	5	-5	1000	27	-1	5	.	-2	-5	17
2236	J0103	35.4973	78.0986	0.8	-0.1	2	18	0.8	-100	17	10	4	20000	-5	850	-2	10	-5	800	12	3	50	.	-2	15	12
3519	SA002	35.0347	78.1443	0.7	0.1	3	5	0.5	-100	5	10	2	2000	6	600	-2	75	7	900	15	-1	-5	.	-2	10	7
3535	SA018	35.0336	78.1980	0.4	0.2	1	-5	0.5	-100	10	10	-2	2000	7	350	3	25	10	600	10	-1	-5	.	-2	35	7
3536	SA019	35.0651	78.2009	1.2	0.2	1	-5	0.5	-100	7	11	2	1000	8	350	2	10	7	800	10	-1	-5	.	-2	20	5
3537	SA020	35.0972	78.2232	0.4	0.2	1	-5	0.5	-100	10	5	3	1000	9	850	-2	20	17	500	12	-1	-5	.	-2	-5	15
3538	SA021	35.1083	78.1838	0.4	0.4	1	5	0.5	-100	10	11	2	2000	5	850	-2	15	10	600	10	-1	-5	.	-2	5	17

FAYETTEVILLE 100K QUADRANGLE - SUPPLEMENTAL STREAM SEDIMENT

Lab #	County ID	Lat	Long	Ux ppm	Ag ppm	As ppm	Ba ppm	Be ppm	Ca ppm	Co ppm	Cr ppm	Cu ppm	K ppm	Li ppm	Mg ppm	Mo ppm	Nb ppm	Ni ppm	P ppm	Pb ppm	Se ppm	Sn ppm	Sr ppm	W ppm	Y ppm	Zn ppm
3539	SA022	35.1405	78.1458	0.4	0.3	2	5	0.5	-100	-5	7	-2	2000	7	450	-2	25	15	500	-10	-1	-5	.	-2	5	5
3540	SA023	35.1688	78.1742	0.3	0.4	2	-5	0.5	-100	10	7	-2	2000	9	650	-2	30	15	300	10	1	-5	.	-2	10	7
3541	SA024	35.1677	78.1321	1.3	0.2	2	7	0.5	-100	5	19	-2	1000	8	500	-2	45	15	1000	15	-1	-5	.	2	25	-5
3542	SA025	35.1672	78.2102	0.3	0.4	1	-5	1	-100	10	8	2	2000	12	1250	-2	40	7	600	22	-1	5	.	-2	35	5
3543	SA026	35.2321	78.3132	0.4	0.2	1	-5	0.5	-100	10	8	2	1000	7	300	-2	100	12	800	22	-1	-5	.	2	10	7
3544	SA027	35.2014	78.3038	0.4	0.4	1	7	1	-100	10	10	4	2000	15	750	-2	40	15	300	17	-1	-5	.	-2	10	12
3545	SA028	35.2165	78.2508	0.3	0.2		5	0.5	-100	7	6	-2	1000	6	550	-2	5	10	800	-10	-1	-5	.	-2	5	5
3546	SA029	35.2038	78.3599	0.4	0.2	1	-5	0.5	-100	10	11	2	-1000	7	300	-2	20	15	900	10	-1	-5	.	2	5	5
3547	SA030	35.1847	78.4069	1.6	0.3	0	-5	0.5	-100	-5	12	2	2000	9	950	-2	15	10	500	10	-1	-5	.	2	45	-5
3548	SA031	35.1824	78.4552	0.3	-0.1		-5	-0.5	-100	7	9	2	1000	7	350	-2	25	12	500	20	2	-5	.	-2	10	10
3549	SA032	35.0970	78.2527	0.4	0.2	0	-5	1	-100	5	11	2	2000	7	500	-2	20	15	800	12	-1	-5	.	2	10	10
3550	SA033	35.1569	78.2643	0.4	0.2	1	5	0.5	-100	10	11	3	2000	9	500	-2	15	12	700	12	-1	-5	.	2	-5	10
3551	SA034	35.0407	78.2362	0.7	0.4	1	5	1.5	-100	12	11	4	4000	22	1450	-2	15	15	1400	22	-1	-5	.	-2	5	12
3552	SA035	35.0270	78.2709	0.3	0.1	0	5	1	-100	7	13	2	1000	7	600	-2	20	12	800	10	-1	-5	.	-2	35	5
3553	SA036	35.0592	78.3372	0.7	0.2	0	7	-0.5	-100	5	10	2	1000	-5	200	-2	25	12	800	10	-1	-5	.	-2	20	-5
3554	SA037	35.0809	78.3291	0.4	0.2	4	-5	1	-100	12	7	3	2000	10	450	-2	20	15	500	15	-1	-5	.	2	10	7
3555	SA038	35.1118	78.3442	0.7	0.2	0	5	0.5	-100	5	10	-2	3000	7	450	2	20	15	500	10	-1	-5	.	-2	15	-5
3556	SA039	35.1525	78.3195	0.4	0.4	0	7	1.5	-100	7	12	3	2000	13	1350	-2	25	12	400	12	-1	5	.	-2	10	10
3557	SA040	35.1684	78.3000	3.0	0.3	3	7	0.5	-100	17	5	4	5000	16	1750	3	20	15	200	15	-1	-5	.	-2	10	10
3558	SA041	35.0350	78.3834	2.1	-0.1	2	7	-0.5	-100	7	8	-2	4000	6	800	3	20	10	400	-10	-1	-5	.	-2	-5	7
3559	SA042	35.0063	78.3851	8.8	-0.1	1	7	0.5	-100	7	16	-2	4000	7	850	3	50	17	700	10	-1	-5	.	-2	70	-5
3560	SA043	35.0393	78.4362	18.3	0.1	1	12	-0.5	-100	5	25	2	2000	6	950	4	50	12	900	15	-1	-5	.	2	295	7
3564	SA047	35.1213	78.3782	1.8	0.3	3	.	.	100	10	.	6	.	.	.	13	35	27	.	10	-1	-5	.	-2	10	10
3565	SA048	35.0902	78.3791	4.8	0.2	0	7	-0.5	-100	5	13	4	2000	7	1100	3	40	22	300	-10	-1	-5	.	2	50	12
3566	SA049	35.1566	78.4398	2.7	0.3	0	7	1	-100	7	7	2	1000	9	1250	-2	15	15	200	10	-1	-5	.	-2	-5	7
3567	SA050	35.1322	78.4805	1.5	-0.1	1	5	-0.5	-100	-5	5	2	2000	-5	300	-2	15	12	600	-10	1	-5	.	-2	5	-5
3568	SA051	35.1274	78.5262	7.3	-0.1	2	7	0.5	-100	-5	9	2	1000	-5	500	-2	25	10	500	12	-1	-5	.	2	10	7
3569	SA052	35.1031	78.4734	2.7	0.1	1	-5	0.5	-100	-5	7	2	1000	5	350	-2	15	10	600	-10	-1	-5	.	-2	5	5
3571	SA054	35.0141	78.6107	2.4	0.3	2	7	-0.5	-100	-5	9	2	1000	10	600	-2	10	12	400	-10	1	10	.	-2	-5	5
3572	SA055	35.0161	78.5714	4.1	0.1	2	10	-0.5	-100	7	9	-2	2000	5	300	-2	35	12	700	-10	-1	-5	.	-2	85	-5
3573	SA056	35.0121	78.4869	2.9	0.2	1	-5	0.5	-100	5	8	2	2000	6	400	-2	20	17	500	-10	-1	-5	.	-2	5	7
3574	SA057	35.0495	78.5292	3.2	0.3	2	5	1	-100	10	8	3	5000	10	1300	-2	20	12	400	10	-1	-5	.	2	30	12
3575	SA058	35.0593	78.5923	12.5	0.2	2	27	1	-100	-5	14	-2	1000	-5	-200	-2	40	15	800	-10	-1	-5	.	-2	195	-5
3576	SA059	35.1043	78.6233	7.1	0.2	1	12	0.5	-100	7	7	2	4000	5	450	-2	25	12	1500	-10	-1	-5	.	-2	25	-5

FAYETTEVILLE 100K QUADRANGLE - SUPPLEMENTAL STREAM SEDIMENT

Lab #	County ID	Lat	Long	Ux ppm	Ag ppm	As ppm	Ba ppm	Be ppm	Ca ppm	Co ppm	Cr ppm	Cu ppm	K ppm	Li ppm	Mg ppm	Mo ppm	Nb ppm	Ni ppm	P ppm	Pb ppm	Se ppm	Sn ppm	Sr ppm	W ppm	Y ppm	Zn ppm
3577	SA060	35.1684	78.5868	3.7	0.4	2	5	1	-100	17	8	10	2000	18	1250	2	15	17	1000	40	-1	-5	.	-2	5	42
3578	SA061	35.1221	78.5977	4.6	0.1	2	-5	-0.5	-100	-5	8	3	1000	5	300	-2	20	15	500	-10	-1	-5	.	2	15	5
3579	SA062	35.1932	78.5741	3.7	0.2	2	5	0.5	-100	5	5	3	1000	5	300	-2	15	15	700	-10	-1	-5	.	-2	10	5
3580	SA063	35.2287	78.5624	2.7	0.1	2	5	0.5	-100	-5	8	2	1000	6	250	3	20	12	700	-10	-1	-5	.	-2	20	5
3581	SA064	35.2575	78.5279	1.2	0.2	1	5	-0.5	-100	5	5	-2	-1000	-5	-200	-2	15	10	900	-10	-1	10	.	-2	-5	-5
3582	SA065	35.2491	78.5383	2.9	0.2	5	7	-0.5	-100	5	6	4	1000	8	650	-2	15	17	1000	22	1	-5	.	-2	5	25
3583	SA066	35.2136	78.5425	2.9	0.2	2	-5	0.5	-100	7	6	4	-1000	5	250	-2	25	17	700	17	-1	-5	.	-2	5	10
3595	SA078	35.2431	78.4520	2.5	0.5	3	10	1	-100	12	8	5	1000	15	900	-2	30	17	600	22	-1	5	.	-2	-5	15
3596	SA079	35.0370	78.3574	1.4	0.1	24	12	-0.5	-100	5	8	-2	1000	-5	300	3	25	7	300	-10	-1	-5	.	-2	5	-5
4528	WY019	35.4504	78.0240	0.1	0.1	1	17	0.5	-100	5	12	2	4000	7	450	-2	5	-5	700	10	-1	-5	.	-2	15	5
4529	WY020	35.4698	78.0444	0.1	-0.1	1	17	0.5	-100	-5	9	3	3000	5	550	-2	5	5	600	10	3	15	.	-2	15	10
4530	WY021	35.4829	78.1101	0.3	-0.1	0	5	1	100	5	9	7	4000	10	1500	2	5	15	1500	27	3	-5	.	-2	5	25
4531	WY022	35.4304	78.1280	-0.1	-0.1		15	0.5	-100	-5	11	3	4000	8	700	-2	10	-5	700	12	2	-5	.	-2	-5	22
4532	WY023	35.3913	78.1384	-0.1	-0.1	1	5	0.5	-100	5	8	3	-1000	-5	100	3	10	-5	600	15	-1	-5	.	-2	-5	15
4533	WY024	35.3934	78.0306	-0.1	-0.1	2	12	1	400	-5	9	6	10000	12	1150	-2	5	5	1200	27	1	15	.	-2	5	22
4534	WY025	35.4157	78.0880	-0.1	-0.1	1	10	0.5	-100	5	23	2	3000	6	500	2	10	-5	800	15	1	-5	.	-2	-5	7
4535	WY026	35.3326	78.1924	-0.1	-0.1	1	5	0.5	-100	-5	5	2	3000	6	450	-2	5	-5	400	-10	-1	10	.	-2	-5	7
4536	WY027	35.3308	78.1485	-0.1	0.1	1	7	0.5	-100	-5	9	2	4000	7	1000	-2	10	-5	600	-10	-1	5	.	-2	-5	7
4543	WY034	35.3163	78.0380	0.1	-0.1	3	12	1.5	-100	-5	13	12	5000	16	1750	-2	10	7	1400	90	-1	10	.	-2	5	67
4544	WY035	35.3178	78.0097	-0.1	-0.1	2	20	0.5	-100	-5	10	5	3000	10	650	-2	15	5	1000	15	-1	-5	.	-2	-5	7
4551	WY042	35.2001	78.0070	-0.1	-0.1	9	17	0.5	-100	-5	21	2	2000	6	500	-2	10	-5	500	-10	1	5	.	-2	-5	-5
4552	WY043	35.2374	78.0414	0.1	-0.1	3	20	0.5	-100	-5	20	3	3000	9	950	-2	10	-5	900	57	1	5	.	-2	5	10
4553	WY044	35.2419	78.0697	-0.1	-0.1	4	12	1	100	-5	22	4	2000	11	650	-2	15	5	700	12	-1	-5	.	-2	-5	22
4554	WY045	35.2185	78.1209	0.1	-0.1	3	17	0.5	100	-5	18	3	2000	6	450	-2	12	-5	1200	-10	-1	-5	.	-2	5	10
4555	WY046	35.2372	78.1524	0.1	-0.1		27	-0.5	-100	-5	16	4	1000	6	1050	-2	15	-5	300	-10	-1	-5	.	-2	-5	10
4556	WY047	35.2649	78.1581	0.1	0.1	2	7	0.5	-100	-5	20	2	2000	8	1150	-2	15	-5	700	-10	2	15	.	-2	5	10
4557	WY048	35.2272	78.2048	0.1	-0.1	2	25	0.5	100	-5	15	4	1000	9	900	-2	15	-5	1000	10	2	-5	.	-2	5	15
4558	WY049	35.2542	78.2620	0.3	0.1	8	20	0.5	-100	-5	12	4	1000	20	2300	-2	15	5	700	22	1	-5	.	-2	-5	15
4559	WY050	35.2863	78.2553	0.1	-0.1		12	0.5	-100	-5	21	2	1000	6	950	-2	15	-5	400	10	-1	-5	.	-2	20	15
4560	WY051	35.2737	78.2148	-0.1	-0.1	3	15	0.5	100	-5	20	3	1000	9	500	4	15	-5	500	12	-1	-5	.	2	5	10
4561	WY052	35.2988	78.1317	0.1	0.1	1	10	0.5	-100	-5	25	3	1000	8	1200	4	15	-5	500	10	-1	-5	.	-2	-5	5
4562	WY053	35.3188	78.1105	0.1	-0.1	1	10	0.5	-100	-5	58	2	2000	8	1550	3	25	-5	700	12	-1	20	.	-2	10	5
4563	WY054	35.2797	78.0850	-0.1	-0.1	2	12	-0.5	-100	-5	28	2	3000	9	1650	2	25	-5	700	-10	2	-5	.	-2	10	7

FAYETTEVILLE 100K QUADRANGLE - GROUNDWATER

Lab #	County ID	Lat	Long	pH	Cond um/cm	U ppb	Br ppb	Cl ppb	F ppb	Mg ppb	Mn ppb	Na ppb	V ppb	U/cond x1000	Al ppb	Dy ppb
1418	CU501	35.0173	78.8376	5.7	90	-0.002	31	7400	35	.	.	3390	-0.1	0.0	43	-0.001
1419	CU502	35.0165	78.8092	5.4	65	0.009	93	20400	.	.	110	9440	-0.1	0.1	36	-0.001
1434	CU517	35.0157	78.9321	4.3	52	-0.002	.	8100	.	.	16	4130	-0.1	0.0	600	-0.001
1435	CU518	35.0107	78.9557	4.7	70	0.003	17	8100	.	.	23	5030	0.3	0.0	264	-0.001
1436	CU519	35.0436	78.9636	4.3	59	7.010	29	6100	.	.	22	3910	-0.1	118.8	332	-0.001
1437	CU520	35.0417	78.9229	5.4	50	0.028	34	6800	.	.	24	4820	-0.1	0.5	155	0.090
1445	CU528	35.0106	78.8804	4.9	30	-0.002	36	6700	.	.	19	3240	-0.1	0.0	107	-0.001
1446	CU529	35.0535	78.9012	4.7	53	-0.002	.	10400	.	.	21	5060	-0.1	0.0	97	-0.001
1447	CU530	35.0931	78.9202	6.1	85	0.008	53	7400	.	.	26	4780	-0.1	0.0	63	0.040
1448	CU531	35.1164	78.9114	5.0	38	-0.002	36	5700	.	.	20	3760	-0.1	0.0	53	0.090
1449	CU532	35.1170	78.8811	5.3	49	-0.002	15	4900	.	.	18	3900	-0.1	0.0	37	-0.001
1450	CU533	35.1485	78.8734	7.8	231	0.019	13	4900	64	.	.	12470	-0.1	0.0	24	-0.001
1451	CU534	35.2082	78.8746	5.2	32	-0.002	23	4200	.	.	15	2780	-0.1	0.0	59	-0.001
1452	CU535	35.2149	78.8399	4.7	58	0.023	.	4300	.	.	16	1980	-0.1	0.4	155	-0.001
1453	CU536	35.2195	78.8035	7.6	222	0.097	.	3100	71	.	47	12240	-0.1	0.4	32	-0.001
1454	CU537	35.2140	78.7783	5.6	188	-0.002	55	7500	.	.	63	3980	-0.1	0.0	25	-0.001
1455	CU538	35.2485	78.7540	5.6	230	0.173	.	27200	.	.	20	13210	-0.1	0.7	168	-0.001
1456	CU539	35.2377	78.7233	5.9	142	0.022	50	23200	.	.	27	11750	-0.1	0.1	754	-0.001
1457	CU540	35.2115	78.7365	5.5	58	-0.002	27	4400	.	.	21	3500	-0.1	0.0	60	-0.001
1458	CU541	35.2466	78.8134	6.0	109	0.016	45	10500	.	.	18	4300	-0.1	0.1	65	-0.001
1459	CU542	35.2363	78.8393	5.9	38	-0.002	22	5900	.	.	14	3040	-0.1	0.0	38	-0.001
1460	CU543	35.1818	78.8457	6.6	174	0.017	19	10000	.	.	19	4820	-0.1	0.1	29	-0.001
1461	CU544	35.1691	78.8940	5.3	42	0.026	28	6200	.	.	19	3010	-0.1	0.6	93	-0.001
1462	CU545	35.1517	78.9143	5.8	30	0.021	31	4400	.	.	24	2370	-0.1	0.7	57	-0.001
1480	CU563	35.0259	78.7690	5.9	170	-0.002	.	13100	.	.	76	7190	-0.1	0.0	39	-0.001
1494	CU577	35.0114	78.6773	5.0	69	0.003	15	5700	.	.	30	3770	-0.1	0.0	113	0.080
1495	CU578	35.0188	78.7235	5.4	45	-0.002	25	6900	.	.	21	3870	-0.1	0.0	51	-0.001
1496	CU579	35.0481	78.8004	4.8	59	-0.002	18	5400	.	.	11	3820	-0.1	0.0	74	-0.001
1497	CU580	35.0516	78.7630	5.7	56	-0.002	7	5400	.	.	10	3350	-0.1	0.0	17	-0.001
1498	CU581	35.0513	78.7323	6.5	93	0.004	17	4200	.	.	17	4710	-0.1	0.0	70	-0.001
1499	CU582	35.0469	78.6810	5.6	69	-0.002	39	4100	.	.	16	3020	-0.1	0.0	60	-0.001
1500	CU583	35.0803	78.6833	4.8	111	-0.002	.	7300	.	.	18	4740	-0.1	0.0	437	-0.001
1501	CU584	35.1084	78.6741	6.5	99	-0.002	16	5400	.	.	26	3130	-0.1	0.0	38	-0.001
1502	CU585	35.1441	78.6791	5.8	49	-0.002	12	5600	.	.	13	3870	-0.1	0.0	21	-0.001

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Lab #	County ID	Lat	Long	pH	Cond um/cm	U ppb	Br ppb	Cl ppb	F ppb	Mg ppb	Mn ppb	Na ppb	V ppb	U/cond x1000	Al ppb	Dy ppb
1503	CU586	35.1533	78.6558	5.5	60	-0.002	25	7500	.	.	10	4670	-0.1	0.0	30	-0.001
1504	CU587	35.1750	78.6440	6.8	257	-0.002	.	6100	17	.	38	16970	-0.1	0.0	24	12.280
1505	CU588	35.2070	78.6484	5.8	110	-0.002	26	12400	.	.	9	7620	-0.1	0.0	94	-0.001
1506	CU589	35.2481	78.6419	7.2	222	0.015	13	11800	.	.	.	7000	0.6	0.0	66	-0.001
1507	CU590	35.2453	78.6845	5.2	100	0.004	.	7300	.	.	.	3140	-0.1	0.0	195	-0.001
1508	CU591	35.2111	78.6925	4.8	379	0.167	620	M	.	.	.	32210	-0.1	0.4	256	1.130
1509	CU592	35.1799	78.6722	4.6	156	0.057	.	11300	.	.	.	3710	-0.1	0.3	805	-0.001
1510	CU593	35.1862	78.7242	4.5	371	0.016	.	30900	.	.	20	15960	-0.1	0.0	1413	-0.001
1511	CU594	35.1438	78.7240	4.8	121	0.027	16	7700	.	.	27	4370	-0.1	0.2	375	-0.001
1512	CU595	35.1751	78.7940	5.7	109	-0.002	.	7600	.	.	28	5430	-0.1	0.0	44	-0.001
1520	CU603	35.0449	78.8441	5.4	112	0.014	81	10000	.	5860	19	3250	0.3	0.1	47	0.220
1521	CU604	35.0887	78.8497	5.9	149	0.026	.	10800	.	4430	19	3710	-0.1	0.1	13	-0.001
1522	CU605	35.1428	78.8312	5.7	222	0.021	92	18400	.	12650	.	5170	-0.1	0.0	8	0.120
1523	CU606	35.1167	78.8060	5.6	350	0.099	22	25800	.	6540	99	22530	-0.1	0.2	295	1.110
1524	CU607	35.1170	78.8333	4.4	303	0.035	.	M	.	M	45	M	-0.1	0.1	524	-0.001
1525	CU608	35.1527	78.7986	5.6	182	0.051	95	19400	.	1100	95	13190	0.3	0.2	52	0.870
1526	CU609	35.1788	78.7774	5.8	172	0.014	53	11700	.	2610	28	9630	-0.1	0.0	24	-0.001
1527	CU610	35.1221	78.7279	4.7	198	0.113	64	10600	.	3460	113	3690	-0.1	0.5	685	0.990
1528	CU611	35.1168	78.7711	5.9	48	0.018	35	4900	.	.	24	990	0.2	0.3	44	-0.001
1529	CU612	35.0804	78.7644	5.5	72	0.039	21	6100	.	810	33	1820	1.3	0.5	133	-0.001
1530	CU613	35.1451	78.7758	5.9	720	0.027	.	64600	.	.	229	30700	-0.1	0.0	.	-0.001
1531	CU614	35.0728	78.7260	5.0	62	0.046	36	8300	.	530	12	5890	-0.1	0.7	46	-0.001
1532	CU615	35.0771	78.8042	5.2	69	0.094	.	7900	.	820	34	3950	-0.1	1.3	79	0.070
1533	CU616	35.0871	78.8700	4.7	142	0.060	48	5500	.	1250	67	2380	-0.1	0.4	318	2.900
1534	CU617	35.2073	78.9936	6.0	232	0.043	.	16400	.	.	11	34410	-0.1	0.1	15	0.060
1535	CU618	35.1894	78.9629	7.8	413	0.511	80	17600	.	1200	22	53520	-0.1	1.2	19	0.100
1536	CU619	35.2120	78.9312	7.6	190	0.278	42	4500	56	1650	66	20550	-0.1	1.4	13	-0.001
1537	CU620	35.0645	78.9432	6.3	68	0.041	45	4100	37	260	31	1380	-0.1	0.6	20	-0.001
1538	CU621	35.1043	78.9969	5.2	33	0.058	41	5200	.	.	.	1780	-0.1	1.7	21	0.070
1539	CU622	35.1144	78.9587	4.9	36	0.094	54	4600	.	380	5	2450	-0.1	2.6	25	0.230
1544	CU627	35.1295	78.9308	7.8	205	0.024	.	4600	31	.	22	13090	-0.1	0.1	30	-0.001
1683	DU502	35.0056	78.1344	7.1	170	0.031	.	6500	138	.	89	12210	0.7	0.1	171	-0.001
1684	DU503	35.0442	78.1300	7.3	198	0.004	41	6600	46	1320	113	12750	0.5	0.0	132	-0.001
1685	DU504	35.0786	78.1214	7.4	163	0.032	36	6300	58	.	90	11660	0.3	0.2	132	-0.001

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Lab #	County ID	Lat	Long	pH	Cond um/cm	U ppb	Br ppb	Cl ppb	F ppb	Mg ppb	Mn ppb	Na ppb	V ppb	U/cond x1000	Al ppb	Dy ppb
1686	DU505	35.1122	78.1593	6.8	84	0.044	48	7000	210	.	61	10930	0.3	0.5	177	-0.001
1687	DU506	35.1169	78.1225	6.5	201	-0.002	126	20900	145	1410	135	15890	-0.1	0.0	118	-0.001
1688	DU507	35.1563	78.1449	6.1	79	0.024	16	7200	258	.	94	11140	-0.1	0.3	133	-0.001
1689	DU508	35.1780	78.1337	5.1	85	0.066	44	16200	15	1940	82	15600	-0.1	0.7	180	-0.001
1690	DU509	35.1777	78.1019	5.1	54	0.117	30	6700	44	.	77	10960	-0.1	2.1	172	-0.001
1691	DU510	35.1469	78.0954	6.2	80	0.008	36	7400	82	.	105	11090	-0.1	0.1	113	-0.001
1692	DU511	35.1144	78.0940	6.9	195	0.016	17	7800	96	1350	131	12320	0.5	0.0	128	-0.001
1693	DU512	35.0811	78.0889	5.0	180	0.186	.	12900	35	2220	102	14240	0.6	1.0	592	-0.001
1721	DU540	35.0175	78.0877	6.0	35	0.017	42	8300	.	.	74	11740	0.3	0.4	132	-0.001
1722	DU541	35.0538	78.0849	7.7	160	0.009	45	9000	135	.	86	11970	0.5	0.0	142	-0.001
1723	DU542	35.0152	78.0574	6.8	78	0.013	26	8400	428	.	79	13000	-0.1	0.1	149	-0.001
1724	DU543	35.0488	78.0467	6.7	60	-0.002	53	8700	163	.	144	11780	-0.1	0.0	153	-0.001
1725	DU544	35.0747	78.0558	7.5	220	-0.002	37	8000	97	.	108	13930	-0.1	0.0	175	-0.001
1726	DU545	35.1153	78.0491	5.1	70	0.030	38	11700	35	.	80	14930	-0.1	0.4	211	-0.001
1727	DU546	35.1450	78.0588	6.2	600	0.136	208	64800	.	.	163	47600	-0.1	0.2	150	-0.001
1728	DU547	35.1789	78.0647	4.7	175	0.332	.	14400	.	.	.	7760	-0.1	1.9	554	-0.001
1729	DU548	35.1699	78.0112	5.6	60	-0.002	27	9400	17	.	38	4160	-0.1	0.0	36	-0.001
1730	DU549	35.1463	78.0268	6.5	53	-0.002	19	5000	.	.	41	2840	-0.1	0.0	36	-0.001
1731	DU550	35.1201	78.0174	5.3	100	0.021	11	14300	.	.	37	7030	-0.1	0.2	85	-0.001
1732	DU551	35.0698	78.0333	5.0	50	0.074	22	6300	42	.	36	3740	-0.1	1.4	114	-0.001
1733	DU552	35.0426	78.0186	6.6	75	-0.002	22	4800	228	.	39	3450	-0.1	0.0	32	-0.001
1734	DU553	35.0241	78.0086	7.8	212	-0.002	.	5000	37	.	61	3670	0.3	0.0	37	-0.001
2601	HR501	35.4150	78.8028	6.2	41	-0.002	.	4500	.	.	30	3780	-0.1	0.0	50	-0.001
2602	HR502	35.4593	78.7931	6.2	62	-0.002	.	8400	.	.	21	6470	-0.1	0.0	34	-0.001
2603	HR503	35.4618	78.8466	5.5	78	-0.002	.	8000	.	.	28	6210	-0.1	0.0	85	-0.001
2609	HR509	35.4952	78.7422	5.3	92	0.012	17	10200	.	.	37	5560	-0.1	0.1	117	0.590
2611	HR511	35.4603	78.6916	4.8	120	0.065	.	14700	.	.	36	6400	-0.1	0.5	729	-0.001
2612	HR512	35.4616	78.7438	6.0	70	0.017	10	7800	.	.	25	3880	-0.1	0.2	16	-0.001
2613	HR513	35.4137	78.7410	6.4	270	0.037	.	34000	.	.	32	18800	-0.1	0.1	203	-0.001
2614	HR514	35.4124	78.6926	7.0	205	0.006	.	5700	76	.	80	10410	-0.1	0.0	47	-0.001
2615	HR515	35.4129	78.6324	5.8	52	-0.002	10	6500	.	.	24	4680	-0.1	0.0	49	-0.001
2616	HR516	35.3696	78.5734	6.5	119	-0.002	13	10800	.	.	29	6540	-0.1	0.0	47	-0.001
2617	HR517	35.3224	78.5786	5.6	108	0.025	15	11400	.	.	28	6900	-0.1	0.2	184	-0.001
2618	HR518	35.2798	78.6329	6.2	90	0.024	.	8700	.	.	37	4280	-0.1	0.2	126	-0.001

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Lab #	County ID	Lat	Long	pH	Cond um/cm	U ppb	Br ppb	Cl ppb	F ppb	Mg ppb	Mn ppb	Na ppb	V ppb	U/cond x1000	Al ppb	Dy ppb
2630	HR530	35.4471	78.9646	6.8	130	0.009	10	6700	.	.	39	3630	-0.1	0.0	28	0.500
2634	HR534	35.2824	78.9897	5.0	90	0.023	.	2000	.	.	.	M	-0.1	0.2	.	-0.001
2635	HR535	35.2360	78.9594	6.7	68	-0.002	15	5800	.	.	22	4140	0.5	0.0	156	-0.001
2636	HR536	35.2305	78.9029	5.4	22	0.017	.	4300	.	.	30	2120	-0.1	0.7	145	-0.001
2637	HR537	35.2734	78.9049	6.7	268	0.091	.	29900	.	.	38	18640	-0.1	0.3	631	-0.001
2638	HR538	35.2905	78.9497	5.1	19	-0.002	.	3900	.	.	22	2900	-0.1	-0.1	61	-0.001
2639	HR539	35.3297	78.9585	6.4	88	-0.002	.	3400	64	.	80	4670	-0.1	0.0	39	-0.001
2640	HR540	35.3693	78.9697	5.4	32	-0.002	.	6300	.	.	27	4080	-0.1	0.0	80	-0.001
2641	HR541	35.4131	78.9653	6.0	25	0.020	13	4200	.	.	22	2390	-0.1	0.8	47	-0.001
2642	HR542	35.4583	78.9130	7.0	120	0.488	.	3600	42	.	43	6120	-0.1	4.0	40	-0.001
2643	HR543	35.4134	78.9068	6.8	49	0.022	7	4200	13	.	21	2600	-0.1	0.4	40	-0.001
2644	HR544	35.4177	78.8478	6.8	139	0.105	27	4500	84	5130	283	6170	-0.1	0.7	18	-0.001
2645	HR545	35.3725	78.8519	7.1	130	-0.002	.	3900	78	.	186	5170	-0.1	0.0	12	-0.001
2646	HR546	35.3696	78.9027	4.8	91	0.023	.	8800	.	.	36	4220	-0.1	0.2	211	-0.001
2647	HR547	35.3358	78.8967	5.3	198	-0.002	.	8200	.	.	181	2260	-0.1	0.0	115	-0.001
2648	HR548	35.3244	78.8514	5.2	86	0.002	.	7600	.	.	24	4160	-0.1	0.0	147	-0.001
2649	HR549	35.2811	78.8521	5.9	80	0.011	.	7300	.	.	44	3720	-0.1	0.1	50	-0.001
2650	HR550	35.3192	78.8011	5.5	31	-0.002	16	4700	.	.	42	2590	-0.1	0.0	47	-0.001
2651	HR551	35.2834	78.8016	5.8	50	-0.002	.	8700	.	.	20	4820	-0.1	0.0	46	-0.001
2652	HR552	35.2869	78.7399	5.2	680	0.008	192	160800	.	.	162	51250	-0.1	0.0	279	0.810
2653	HR553	35.2952	78.6925	6.1	182	0.014	15	12500	.	4310	.	7580	0.3	0.0	29	-0.001
2654	HR554	35.3202	78.7449	6.4	130	-0.002	.	13800	.	.	26	7820	-0.1	0.0	30	-0.001
2655	HR555	35.3621	78.8065	5.7	39	0.008	9	5300	.	.	11	4300	-0.1	0.2	34	-0.001
2656	HR556	35.3698	78.7598	6.2	137	-0.002	.	12600	.	.	14	7920	0.2	0.0	47	-0.001
2657	HR557	35.3342	78.6900	7.3	425	0.032	.	38100	.	2520	.	41430	-0.1	0.0	.	-0.001
2658	HR558	35.3687	78.6795	6.0	70	-0.002	.	7100	.	.	22	4900	-0.1	0.0	56	-0.001
2659	HR559	35.3699	78.6308	5.3	80	0.015	.	9700	.	.	36	5520	-0.1	0.1	135	-0.001
2660	HR560	35.3273	78.6347	6.1	75	-0.002	7	8300	.	.	32	4830	-0.1	0.0	34	-0.001
2921	J0515	35.4590	78.4000	7.2	198	-0.002	.	3600	.	.	74	5720	-0.1	0.0	47	-0.001
2922	J0516	35.4626	78.4671	6.7	65	-0.002	9	4100	.	.	14	1750	-0.1	0.0	27	-0.001
2923	J0517	35.4540	78.5195	6.4	130	-0.002	.	9900	.	.	18	5630	-0.1	0.0	28	-0.001
2927	J0521	35.4558	78.6250	5.4	91	0.021	.	11100	.	.	27	5710	-0.1	0.2	75	-0.001
2928	J0522	35.4562	78.5728	6.3	227	0.157	13	17600	.	.	48	7440	0.7	0.6	140	5.660
2929	J0523	35.4144	78.5772	6.5	438	0.013	.	M	.	.	12	45040	-0.1	0.0	.	-0.001

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Lab #	County ID	Lat	Long	pH	Cond um/cm	U ppb	Br ppb	Cl ppb	F ppb	Mg ppb	Mn ppb	Na ppb	V ppb	U/cond x1000	Al ppb	Dy ppb
2930	J0524	35.4141	78.5179	4.2	311	0.338	1906	20600	.	.	42	5200	-0.1	1.0	2578	-0.001
2931	J0525	35.3670	78.5208	6.5	170	0.013	23	9200	.	.	43	4390	-0.1	0.0	44	-0.001
2932	J0526	35.3249	78.5195	5.7	50	-0.002	25	5300	.	.	17	2850	-0.1	0.0	52	0.160
2933	J0527	35.2778	78.4654	4.8	178	0.095	.	10200	30	.	50	6150	-0.1	0.5	490	-0.001
2934	J0528	35.2773	78.4103	7.4	148	-0.002	6	4200	78	.	59	2440	-0.1	0.0	36	-0.001
2935	J0529	35.2762	78.3565	5.2	188	0.010	.	33800	.	.	16	14170	-0.1	0.0	139	-0.001
2936	J0530	35.3250	78.2923	5.1	299	0.391	.	24400	.	.	124	8620	-0.1	1.3	841	-0.001
2937	J0531	35.3298	78.2463	5.3	110	0.055	.	11500	.	.	.	6930	-0.1	0.5	127	-0.001
2938	J0532	35.3715	78.1953	5.7	202	-0.002	.	16000	.	.	43	6280	-0.1	0.0	38	-0.001
2939	J0533	35.4158	78.1907	4.8	105	0.039	33	13400	.	.	35	5310	-0.1	0.3	316	-0.001
2940	J0534	35.4598	78.1859	5.4	112	0.033	20	7200	14	.	51	2750	-0.1	0.2	177	-0.001
2954	J0548	35.4999	78.2353	5.0	80	-0.002	.	11600	.	.	24	8070	-0.1	0.0	62	-0.001
2955	J0549	35.4593	78.2433	6.1	125	0.002	45	9900	.	.	48	5490	-0.1	0.0	46	-0.001
2956	J0550	35.4080	78.2319	6.2	78	-0.002	.	4700	.	.	42	3190	-0.1	0.0	38	-0.001
2957	J0551	35.4327	78.2717	5.6	41	0.009	.	7000	.	.	33	3540	-0.1	0.2	43	-0.001
2958	J0552	35.4622	78.2933	5.2	81	0.015	25	8000	.	.	52	5170	-0.1	0.1	110	-0.001
2960	J0554	35.4733	78.3368	5.6	78	-0.002	12	10400	.	.	44	7660	-0.1	0.0	41	-0.001
2961	J0555	35.4165	78.4121	7.7	238	0.005	.	6700	29	.	73	12450	-0.1	0.0	45	-0.001
2962	J0556	35.3213	78.4577	5.6	175	-0.002	.	34300	.	.	50	15240	-0.1	0.0	129	-0.001
2963	J0557	35.3211	78.4110	5.3	50	-0.002	9	4000	.	.	54	2530	-0.1	0.0	93	0.060
2964	J0558	35.3140	78.3604	4.8	140	0.174	2179	11400	.	.	59	4670	-0.1	1.2	1008	0.430
2965	J0559	35.3631	78.3544	4.7	385	0.492	.	M	.	.	.	21950	-0.1	1.2	.	-0.001
2966	J0560	35.3648	78.3100	5.6	60	0.013	.	7100	.	.	59	3940	0.2	0.2	56	-0.001
2967	J0561	35.4161	78.3560	6.1	142	-0.002	.	15400	.	.	44	14510	-0.1	0.0	55	-0.001
2968	J0562	35.3670	78.4135	6.3	121	0.021	59	9300	.	.	48	5840	-0.1	0.1	42	0.060
2969	J0563	35.3733	78.4576	5.5	55	0.003	.	7800	.	.	51	3080	-0.1	0.0	71	-0.001
2970	J0564	35.4119	78.4629	6.6	120	0.007	8	6900	.	.	32	4510	-0.1	0.0	38	-0.001
4707	SA502	35.0182	78.1714	6.2	75	0.019	28	10600	18	.	59	12500	-0.1	0.2	68	13.370
4708	SA503	35.0587	78.1797	6.5	116	0.009	28	10500	125	1030	59	13500	-0.1	0.0	84	-0.001
4709	SA504	35.0889	78.1810	6.8	107	0.011	.	7000	182	.	55	12450	-0.1	0.1	72	9.900
4710	SA505	35.1129	78.1716	6.5	83	-0.002	.	6500	206	.	62	12320	-0.1	0.0	77	-0.001
4712	SA507	35.0153	78.2165	7.1	173	1.403	15	11500	79	2340	43	14500	-0.1	8.1	86	-0.001
4713	SA508	35.0498	78.2181	5.9	68	0.009	48	8500	395	.	49	13080	-0.1	0.1	129	-0.001
4714	SA509	35.0841	78.2174	5.7	43	0.001	.	7300	84	.	57	12370	-0.1	0.0	102	9.230

FAYETTEVILLE 100K QUADRANGLE - GROUNDWATER

Lab #	County ID	Lat	Long	pH	Cond um/cm	U ppb	Br ppb	Cl ppb	F ppb	Mg ppb	Mn ppb	Na ppb	V ppb	U/cond x1000	Al ppb	Dy ppb
4715	SA510	35.1089	78.2153	5.7	63	0.004	42	14300	.	.	64	12650	0.5	0.0	101	-0.001
4716	SA511	35.1422	78.2188	5.4	22	0.011	43	7500	.	.	35	12120	-0.1	0.5	74	-0.001
4717	SA512	35.1465	78.1806	6.0	85	0.057	.	12200	79	.	47	14510	-0.1	0.6	111	-0.001
4718	SA513	35.1696	78.1842	4.6	119	-0.002	59	17500	47	3100	64	15490	-0.1	0.0	320	-0.001
4719	SA514	35.1841	78.2133	6.8	160	0.032	33	8500	169	1090	72	13590	-0.1	0.2	90	-0.001
4720	SA515	35.2048	78.2055	4.6	105	0.165	76	15700	18	1560	71	15910	-0.1	1.5	483	11.460
4721	SA516	35.2128	78.2538	6.2	71	0.029	23	14000	.	.	51	12580	-0.1	0.4	76	11.770
4722	SA517	35.2455	78.2912	6.3	124	-0.002	58	8200	506	.	41	18120	-0.1	0.0	93	14.030
4723	SA518	35.2423	78.3303	6.6	67	0.012	26	8300	206	.	73	12970	-0.1	0.1	84	-0.001
4724	SA519	35.2797	78.3292	5.4	121	0.035	48	20000	.	1880	46	17300	-0.1	0.2	202	-0.001
4725	SA520	35.2149	78.3284	4.4	241	0.381	99	32800	131	.	61	21750	1.0	1.5	1121	-0.001
4726	SA521	35.2038	78.2859	6.6	111	0.019	21	7900	143	.	40	13200	-0.1	0.1	73	-0.001
4727	SA522	35.1797	78.2962	5.8	142	0.002	58	11400	69	.	42	13350	-0.1	0.0	77	-0.001
4728	SA523	35.1825	78.2437	7.0	162	0.013	38	8600	90	1630	51	13500	-0.1	0.0	78	-0.001
4729	SA524	35.1413	78.2585	7.2	154	-0.002	38	7700	89	.	87	12470	-0.1	0.0	55	-0.001
4730	SA525	35.1157	78.2487	5.8	52	0.015	67	12000	25	.	37	12640	-0.1	0.2	66	-0.001
4731	SA526	35.0773	78.2504	6.7	89	-0.002	25	6800	188	.	49	13120	-0.1	0.0	61	-0.001
4733	SA528	35.0066	78.2497	4.9	45	0.037	32	13200	19	1050	37	13680	-0.1	0.8	131	-0.001
4734	SA529	35.0531	78.2647	4.5	58	0.388	46	11600	.	.	53	13240	-0.1	6.6	437	-0.001
4735	SA530	35.0496	78.2921	5.6	32	-0.002	20	8200	27	.	41	12140	-0.1	0.0	87	-0.001
4736	SA531	35.0790	78.2960	5.1	64	0.006	61	10400	21	.	50	13950	-0.1	0.0	233	-0.001
4737	SA532	35.1128	78.2932	6.6	88	0.023	.	7800	101	.	53	11870	-0.1	0.2	83	-0.001
4738	SA533	35.1434	78.2939	7.6	230	0.015	51	7000	86	2210	63	15760	-0.1	0.0	89	-0.001
4739	SA534	35.1922	78.3328	6.9	83	-0.002	13	7400	391	.	37	19800	-0.1	0.0	111	-0.001
4740	SA535	35.2487	78.3741	5.6	115	0.021	.	15200	20	2070	45	19080	-0.1	0.1	117	-0.001
4741	SA536	35.2459	78.4070	6.1	33	0.021	.	7000	32	.	34	13630	-0.1	0.6	78	-0.001
4742	SA537	35.2106	78.4128	4.7	98	0.062	53	11800	36	1260	64	14300	-0.1	0.6	397	-0.001
4743	SA538	35.2142	78.3739	4.4	130	0.404	51	21400	55	3850	66	22590	-0.1	3.1	983	-0.001
4744	SA539	35.1767	78.3764	5.6	122	0.036	509	10200	37	3080	66	13020	-0.1	0.3	250	10.670
4745	SA540	35.1474	78.3727	5.1	78	0.040	49	9800	.	2460	46	13810	-0.1	0.5	186	-0.001
4746	SA541	35.1406	78.3312	4.9	84	0.006	140	11200	.	980	47	15600	0.7	0.0	457	-0.001
4747	SA542	35.1121	78.3268	4.8	141	0.105	21	14400	20	2570	57	16580	-0.1	0.7	666	1.030
4748	SA543	35.0796	78.3266	7.1	99	0.007	.	7600	199	.	45	12920	-0.1	0.0	77	-0.001
4749	SA544	35.0757	78.3580	7.0	105	0.016	.	6100	84	.	42	17040	0.2	0.1	103	-0.001

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Lab #	County ID	Lat	Long	pH	Cond um/cm	U ppb	Br ppb	Cl ppb	F ppb	Mg ppb	Mn ppb	Na ppb	V ppb	U/cond x1000	Al ppb	Dy ppb
4750	SA545	35.1132	78.3609	5.0	99	0.120	24	11100	24	.	57	13990	-0.1	1.2	199	8.780
4751	SA546	35.0469	78.3294	7.3	262	0.035	13	7900	41	1500	45	12090	-0.1	0.1	74	-0.001
4793	SA588	35.0164	78.3393	6.3	88	0.007	.	6500	265	.	56	14330	-0.1	0.0	72	-0.001
4794	SA589	35.0513	78.3730	4.2	85	0.016	50	10700	27	.	54	13900	-0.1	0.1	516	-0.001
4795	SA590	35.0782	78.3988	5.1	29	-0.002	.	8300	.	.	51	12800	-0.1	0.0	79	-0.001
4796	SA591	35.1093	78.4040	6.7	117	0.138	.	5300	697	.	41	25730	-0.1	1.1	77	-0.001
4797	SA592	35.1452	78.3960	4.4	131	0.118	101	12200	.	3490	46	16980	-0.1	0.9	782	-0.001
4798	SA593	35.1810	78.4089	4.8	113	0.076	.	20100	.	1500	52	19640	-0.1	0.6	134	-0.001
4799	SA594	35.2155	78.4475	4.9	180	0.022	71	36800	.	.	58	27380	-0.1	0.1	162	-0.001
4800	SA595	35.2377	78.4510	5.0	115	0.062	.	12800	49	.	98	15450	-0.1	0.5	131	-0.001
4801	SA596	35.2388	78.4943	4.8	83	0.033	22	11100	18	.	46	15040	-0.1	0.4	139	-0.001
4802	SA597	35.2050	78.4966	5.1	31	0.010	.	8200	.	.	37	12650	-0.1	0.3	67	-0.001
4803	SA598	35.1731	78.4841	4.6	25	0.026	.	5300	.	.	39	10780	-0.1	1.0	175	13.960
4804	SA599	35.1696	78.4464	5.1	55	0.026	.	11800	.	.	35	15920	-0.1	0.4	67	-0.001
4805	SA600	35.0141	78.2908	5.4	47	0.003	21	7100	126	.	44	11430	0.2	0.0	95	-0.001
4806	SA601	35.0197	78.3613	4.7	161	0.170	.	13200	52	2760	65	16460	-0.1	1.0	617	-0.001
4807	SA602	35.0433	78.4093	4.9	194	0.066	.	14400	48	1780	74	13500	-0.1	0.3	300	-0.001
4808	SA603	35.0484	78.4468	6.0	50	0.021	.	5800	120	.	44	14780	-0.1	0.4	80	-0.001
4809	SA604	35.0843	78.4413	4.3	192	0.047	.	17200	.	3570	93	12940	-0.1	0.2	907	-0.001
4810	SA605	35.1118	78.4501	4.9	39	0.017	.	10600	.	.	31	13240	-0.1	0.4	77	-0.001
4811	SA606	35.1425	78.4521	4.8	73	0.028	123	11900	.	.	34	14530	-0.1	0.3	106	-0.001
4812	SA607	35.1456	78.4945	5.9	53	-0.002	47	5900	130	.	42	15090	-0.1	0.0	36	-0.001
4813	SA608	35.1430	78.5180	4.9	48	0.017	.	8000	.	.	44	13510	-0.1	0.3	81	-0.001
4814	SA609	35.1809	78.5295	4.4	75	0.062	47	8800	15	.	41	14580	-0.1	0.8	209	-0.001
4815	SA610	35.2019	78.5148	5.2	35	0.024	.	7300	.	.	43	11590	-0.1	0.6	97	-0.001
4816	SA611	35.2462	78.5206	4.9	205	0.026	17	18500	73	2010	66	17520	-0.1	0.1	537	-0.001
4817	SA612	35.2768	78.5401	4.4	134	0.133	27	16100	48	2690	58	14720	-0.1	0.9	470	2.910
4818	SA613	35.2753	78.5660	4.4	267	0.051	17	21700	.	.	79	15620	-0.1	0.1	699	-0.001
4819	SA614	35.2412	78.6026	4.4	143	0.048	79	24500	.	.	46	17630	-0.1	0.3	377	-0.001
4820	SA615	35.2410	78.5694	5.1	152	0.018	.	24000	.	.	25	24830	-0.1	0.1	210	-0.001
4821	SA616	35.2137	78.5644	4.8	60	0.030	.	7300	.	2600	45	9630	0.6	0.5	280	-0.001
4822	SA617	35.1812	78.5598	5.0	152	0.017	.	21000	25	2800	56	19920	-0.1	0.1	239	-0.001
4823	SA618	35.1495	78.5639	5.2	80	0.023	.	10200	39	1160	44	10310	-0.1	0.2	251	-0.001
4824	SA619	35.1153	78.5316	4.9	127	0.025	.	12000	36	2240	67	13420	-0.1	0.2	317	-0.001

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Lab #	County ID	Lat	Long	pH	Cond um/cm	U ppb	Br ppb	Cl ppb	F ppb	Mg ppb	Mn ppb	Na ppb	V ppb	U/cond x1000	Al ppb	Dy ppb
4825	SA620	35.1142	78.4913	4.7	70	0.032	.	9400	.	1660	43	10120	-0.1	0.4	294	-0.001
4826	SA621	35.0859	78.4837	6.2	60	0.007	.	8100	22	.	66	9070	-0.1	0.1	125	-0.001
4827	SA622	35.0840	78.5252	5.2	58	0.036	.	8700	.	.	44	9670	-0.1	0.6	289	-0.001
4828	SA623	35.0816	78.5706	4.3	105	0.069	17	11000	.	1500	63	10480	-0.1	0.6	707	-0.001
4829	SA624	35.1143	78.5685	4.9	42	0.007	.	10100	.	.	33	11590	-0.1	0.1	173	-0.001
4830	SA625	35.1194	78.6044	4.4	57	0.045	.	8900	37	.	59	10080	-0.1	0.7	440	-0.001
4831	SA626	35.1570	78.6006	5.1	72	0.023	44	12600	.	.	43	11500	-0.1	0.3	170	-0.001
4832	SA627	35.1790	78.5980	4.3	97	0.049	.	15200	66	1830	54	13400	-0.1	0.5	603	0.450
4833	SA628	35.2119	78.6146	4.3	167	0.035	59	20800	67	2950	66	15770	-0.1	0.2	283	-0.001
4834	SA629	35.1249	78.6423	4.7	58	0.068	26	10300	.	.	60	11030	-0.1	1.1	261	12.490
4835	SA630	35.0829	78.6526	4.7	98	0.023	.	8900	.	1610	66	10330	0.3	0.2	379	-0.001
4836	SA631	35.0517	78.6443	5.7	53	0.029	11	5400	18	.	54	12410	-0.1	0.5	176	-0.001
4837	SA632	35.0539	78.6022	4.6	103	0.030	.	22400	.	.	55	19640	-0.1	0.2	242	21.270
4838	SA633	35.0769	78.6070	4.3	110	0.050	.	21900	.	.	60	15450	-0.1	0.4	756	40.580
4839	SA634	35.0454	78.5706	4.7	111	0.007	.	20400	.	2010	73	18230	-0.1	0.0	177	-0.001
4840	SA635	35.0555	78.5275	5.0	110	0.002	17	9500	41	3750	71	10530	-0.1	0.0	253	-0.001
4841	SA636	35.0546	78.4904	4.8	68	0.076	18	7900	32	1590	93	9790	-0.1	1.1	305	-0.001
4842	SA637	35.0151	78.4445	4.9	133	0.039	75	17700	37	1780	62	18840	-0.1	0.2	242	-0.001
4843	SA638	35.0126	78.4125	6.2	91	-0.002	.	5200	236	1290	61	17820	0.4	0.0	156	-0.001
4847	SA642	35.0187	78.4901	5.1	72	0.014	49	9900	.	1470	70	10430	-0.1	0.1	215	-0.001
4848	SA643	35.0181	78.5300	4.7	39	0.032	17	7100	13	1850	51	9620	-0.1	0.8	190	-0.001
4849	SA644	35.0180	78.5643	4.9	49	0.031	46	12100	.	2360	45	12360	-0.1	0.6	166	-0.001
4850	SA645	35.0180	78.6070	4.4	95	0.109	.	12300	71	.	62	11110	-0.1	1.1	554	2.730
4851	SA646	35.0174	78.6335	5.7	48	0.015	30	7500	.	810	50	11120	-0.1	0.3	167	-0.001
5620	WY524	35.4701	78.0043	4.4	110	0.202	58	22800	223	4850	57	7930	-0.1	1.8	677	0.360
5638	WY542	35.4761	78.0544	5.5	91	0.073	14	16000	44	.	.	10000	-0.1	0.8	63	0.120
5639	WY543	35.4687	78.0912	5.1	78	0.045	.	13500	20	1030	28	6990	-0.1	0.5	140	-0.001
5640	WY544	35.4442	78.1391	4.3	400	0.606	.	61000	.	6070	131	30890	-0.1	1.5	3497	-0.001
5641	WY545	35.4088	78.1361	6.0	88	0.032	12	10000	.	1740	40	7040	-0.1	0.3	23	-0.001
5642	WY546	35.4098	78.1039	4.4	91	0.093	.	15300	33	3300	.	6970	-0.1	1.0	519	0.240
5643	WY547	35.4356	78.0869	6.5	195	0.115	51	15800	67	.	.	11060	0.4	0.5	47	-0.001
5644	WY548	35.4324	78.0574	4.8	185	0.145	.	23100	72	3430	20	18600	-0.1	0.7	827	0.710
5645	WY549	35.3707	78.1301	5.6	140	0.043	21	14300	.	5380	.	8040	0.4	0.3	29	0.060
5646	WY550	35.3365	78.1292	6.5	142	0.038	.	11700	66	1510	43	4650	0.8	0.2	236	-0.001

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Lab #	County ID	Lat	Long	pH	Cond um/cm	U ppb	Br ppb	Cl ppb	F ppb	Mg ppb	Mn ppb	Na ppb	V ppb	U/cond x1000	Al ppb	Dy ppb
5647	WY551	35.3411	78.0882	6.4	62	0.024	17	6200	315	.	55	4560	-0.1	0.3	22	-0.001
5648	WY552	35.3728	78.0878	5.9	82	0.034	.	10200	.	.	44	6710	-0.1	0.4	19	-0.001
5649	WY553	35.3379	78.1706	4.8	132	0.585	.	10500	56	3720	51	5600	-0.1	4.4	781	0.970
5650	WY554	35.3324	78.2015	6.5	120	0.017	13	6600	268	.	86	5790	-0.1	0.1	19	-0.001
5651	WY555	35.3144	78.2155	5.4	166	0.089	12	28600	.	1500	.	15380	-0.1	0.5	175	-0.001
5652	WY556	35.3092	78.2581	4.5	136	3.027	.	18000	148	.	.	11590	0.8	22.2	797	1.740
5653	WY557	35.3134	78.2848	5.1	50	0.182	.	9100	27	1480	9	5710	-0.1	3.6	52	-0.001
5654	WY558	35.2738	78.2883	6.1	82	0.152	.	10800	29	1090	.	6910	-0.1	1.8	33	-0.001
5655	WY559	35.2748	78.2581	5.9	40	0.035	16	6200	90	.	19	5380	-0.1	0.8	18	-0.001
5656	WY560	35.2433	78.2588	6.1	50	0.033	.	6600	192	.	29	5260	-0.1	0.6	22	-0.001
5657	WY561	35.2490	78.2147	5.6	188	0.133	21	19500	152	2910	56	9890	-0.1	0.7	183	0.070
5658	WY562	35.2745	78.2129	6.4	78	0.033	.	6600	313	.	22	8160	-0.1	0.4	19	-0.001
5659	WY563	35.2728	78.1778	4.5	195	0.076	19	16300	.	.	.	8630	-0.1	0.3	1165	0.760
5660	WY564	35.2451	78.1694	6.0	150	0.083	127	19300	.	1350	.	8900	-0.1	0.5	147	-0.001
5662	WY566	35.3061	78.1670	6.4	58	0.027	.	6400	105	1940	30	5540	-0.1	0.4	27	-0.001
5663	WY567	35.3129	78.1340	4.3	700	1.701	.	79900	386	.	242	27780	-0.1	2.4	9238	1.820
5664	WY568	35.3080	78.1018	4.5	101	0.247	.	21000	30	.	42	7190	-0.1	2.4	1226	-0.001
5665	WY569	35.2681	78.0842	5.0	60	0.051	39	9800	27	1330	.	6500	-0.1	0.8	140	0.240
5666	WY570	35.2674	78.1219	6.2	75	0.040	12	7500	358	1480	43	6430	-0.1	0.5	19	-0.001
5667	WY571	35.2527	78.1219	6.3	218	0.130	.	18900	55	2090	45	11280	-0.1	0.6	686	0.190
5668	WY572	35.2110	78.1333	6.5	78	0.068	.	7000	765	1930	46	7220	-0.1	0.8	20	-0.001
5669	WY573	35.2365	78.1006	6.2	65	0.658	56	12300	96	.	37	5860	-0.1	10.1	43	0.160
5670	WY574	35.2174	78.1032	4.7	271	0.296	.	25600	116	8160	.	16160	-0.1	1.0	1500	-0.001
5671	WY575	35.1828	78.0954	5.7	105	0.021	.	15700	235	3040	33	7680	-0.1	0.2	75	-0.001
5672	WY576	35.2085	78.0206	6.4	63	0.013	20	7900	564	.	32	5350	-0.1	0.2	39	-0.001
5677	WY581	35.2472	78.0545	4.9	75	0.089	.	12600	45	1010	.	9640	-0.1	1.1	229	-0.001
5678	WY582	35.2059	78.0520	5.6	90	0.139	455	8000	52	1890	.	4750	-0.1	1.5	77	0.210
5679	WY583	35.2457	78.0128	5.1	61	0.039	.	13000	.	.	30	7320	-0.1	0.6	218	-0.001
5691	WY595	35.3082	78.0158	6.5	80	0.024	.	7100	46	.	70	5210	-0.1	0.3	20	-0.001
5692	WY596	35.2732	78.0186	6.1	90	0.024	.	10000	.	.	74	4600	-0.1	0.2	32	-0.001
5693	WY597	35.2755	78.0539	6.9	89	0.023	11	6600	23	.	10	4810	2.0	0.2	118	0.070
5694	WY598	35.3144	78.0527	4.6	174	0.082	.	23500	.	.	49	12240	-0.1	0.4	619	0.520
5698	WY602	35.4486	78.0068	4.5	68	0.066	26	12900	.	.	.	7290	-0.1	0.9	289	0.180
5699	WY603	35.4130	78.0200	4.5	230	0.172	.	27500	83	3300	139	6270	1.3	0.7	337	-0.001

FAYETTEVILLE 100K QUADRANGLE - GROUNDWATER

Lab #	County ID	Lat	Long	pH	Cond um/cm	U ppb	Br ppb	Cl ppb	F ppb	Mg ppb	Mn ppb	Na ppb	V ppb	U/cond x1000	Al ppb	Dy ppb
5700	WY604	35.4072	78.0493	4.7	115	0.212	23	14500	44	1880	40	8020	-0.1	1.8	454	0.270
5701	WY605	35.3711	78.0536	4.7	230	0.056	.	50800	.	8370	492	20940	-0.1	0.2	121	0.290
5702	WY606	35.2100	78.1649	6.2	90	0.023	.	7100	271	1090	44	6950	-0.1	0.2	15	-0.001
5703	WY607	35.3317	78.0511	4.7	109	0.199	.	11200	50	6910	.	6870	-0.1	1.8	279	0.240
5704	WY608	35.3270	78.0294	4.8	70	0.033	16	9000	37	.	48	5520	-0.1	0.4	413	0.140
5705	WY609	35.3679	78.0317	3.9	130	0.884	.	11000	71	3730	.	5380	-0.1	6.8	1769	0.730

FAYETTEVILLE 100K QUADRANGLE - STREAM WATER

Lab #	County ID	Lat	Long	pH	Cond um/cm	U ppb	Al ppb	Br ppb	Cl ppb	Dy ppb	F ppb	Mg ppb	Mn ppb	Na ppb	V ppb	U/cond x1000
290	WY020	35.4698	78.0444	6.6	70	0.041	151	.	11600	-0.001	73	1270	115	11270	-0.1	0.59
289	WY019	35.4504	78.0240	7.4	80	0.037	195	.	12400	-0.001	112	5990	95	12090	0.4	0.46
291	WY022	35.4304	78.1280	7.0	110	0.025	181	20	15900	-0.001	71	.	60	19020	0.5	0.23
292	WY025	35.4157	78.0880	7.1	125	0.070	541	80	10900	-0.001	104	3160	112	11690	0.8	0.56
293	WY026	35.3326	78.1924	5.1	60	16.370	389	.	8000	-0.001	49	.	83	5970	0.7	272.83
294	WY027	35.3308	78.1485	6.1	60	0.035	236	.	8900	-0.001	24	1450	64	11470	-0.1	0.58
295	WY034	35.3163	78.0380	6.3	40	0.005	110	301	7200	-0.001	.	.	88	10990	-0.1	0.13
223	SA064	35.2575	78.5279	5.9	73	0.056	261	56	11900	-0.001	42	.	50	8110	-0.1	0.77
224	SA065	35.2491	78.5383	4.4	47	0.011	485	40	10000	-0.001	.	.	63	6370	0.7	0.23
237	SA078	35.2431	78.4520	5.8	55	0.046	245	30	12700	-0.001	41	.	28	6780	0.4	0.84
185	SA026	35.2321	78.3132	5.7	118	0.053	364	.	15000	-0.001	124	.	34	5960	0.5	0.45
38	CU038	35.2315	78.6304	6.2	89	0.061	367	28	11400	-0.001	63	4130	78	11100	0.4	0.69
222	SA063	35.2287	78.5624	5.8	61	0.042	384	.	13700	-0.001	.	2190	106	13340	1.1	0.69
187	SA028	35.2165	78.2508	5.5	149	0.097	227	43	12200	-0.001	83	.	98	3910	0.7	0.65
225	SA066	35.2136	78.5425	7.1	275	0.069	171	.	20900	-0.001	47	1930	89	6310	1.5	0.25
17	CU017	35.2061	78.6946	6.2	80	0.077	266	26	14500	-0.001	38	3400	123	14860	1.0	0.96
188	SA029	35.2038	78.3599	5.7	67	0.065	231	60	11800	-0.001	122	.	47	5020	0.6	0.97
186	SA027	35.2014	78.3038	4.7	112	0.071	364	31	12500	-0.001	84	3520	126	5380	1.1	0.63
221	SA062	35.1932	78.5741	5.7	53	0.050	373	27	11600	-0.001	.	.	107	11730	2.1	0.94
18	CU018	35.1882	78.7111	7.0	77	0.050	143	47	11300	-0.001	22	1740	116	13920	-0.1	0.65
36	CU036	35.1878	78.7832	6.1	31	0.061	166	42	9300	-0.001	.	.	30	9000	-0.1	1.97
69	DU023	35.1877	78.0458	6.4	135	0.057	221	35	14200	-0.001	224	.	106	7020	-0.1	0.42
33	CU033	35.1872	78.9870	6.8	69	0.004	182	59	11100	-0.001	93	.	44	6350	-0.1	0.06
189	SA030	35.1847	78.4069	4.7	82	0.062	422	53	14300	-0.001	.	1810	73	6310	0.8	0.76
190	SA031	35.1824	78.4552	6.1	60	0.045	227	78	11500	-0.001	58	.	28	2920	0.6	0.75
61	DU014	35.1737	78.1360	6.7	80	0.065	72	43	13500	-0.001	140	3050	55	5650	-0.1	0.81
16	CU016	35.1709	78.7536	7.0	79	0.040	190	.	12500	-0.001	27	.	112	14060	0.7	0.51
182	SA023	35.1688	78.1742	6.3	93	0.040	127	47	12800	-0.001	47	1260	34	4310	0.6	0.43
219	SA060	35.1684	78.5868	5.9	88	0.100	233	50	13700	-0.001	36	.	165	13760	1.0	1.14
199	SA040	35.1684	78.3000	6.1	70	0.020	115	97	12500	-0.001	35	.	111	6400	0.4	0.29
183	SA024	35.1677	78.1321	5.4	60	0.039	280	28	8500	-0.001	122	1160	47	2770	-0.1	0.65
184	SA025	35.1672	78.2102	6.0	140	0.074	184	86	15600	-0.001	27	.	.	5150	0.4	0.53
192	SA033	35.1569	78.2643	6.1	97	0.065	239	27	8600	-0.001	106	.	64	1990	-0.1	0.67
208	SA049	35.1566	78.4398	6.3	70	0.036	194	75	14100	-0.001	54	.	147	11390	-0.1	0.51

FAYETTEVILLE 100K QUADRANGLE - STREAM WATER

Lab #	County ID	Lat	Long	pH	Cond um/cm	U ppb	Al ppb	Br ppb	Cl ppb	Dy ppb	F ppb	Mg ppb	Mn ppb	Na ppb	V ppb	U/cond x1000
39	CU039	35.1563	78.6469	6.5	71	0.059	197	41	12300	-0.001	73	.	33	9800	-0.1	0.83
198	SA039	35.1525	78.3195	6.4	75	0.029	189	67	12200	-0.001	.	1190	105	8250	-0.1	0.39
48	CU049	35.1479	78.9488	5.8	22	0.023	214	99	8600	-0.001	36	.	38	9270	1.4	1.05
15	CU015	35.1432	78.8161	6.4	119	0.030	123	72	16200	-0.001	.	.	587	16270	-0.1	0.25
181	SA022	35.1405	78.1458	6.3	77	0.066	217	19	11900	-0.001	130	.	30	3720	1.1	0.86
56	DU009	35.1402	78.0757	6.0	90	0.133	507	.	13000	-0.001	118	1550	15	7100	1.5	1.48
19	CU019	35.1354	78.7463	6.3	54	0.030	229	31	12200	-0.001	.	.	106	14730	0.6	0.56
209	SA050	35.1322	78.4805	6.5	88	0.181	171	.	12600	-0.001	.	.	152	11500	0.7	2.06
37	CU037	35.1279	78.7974	6.7	91	0.037	102	37	10500	-0.001	60	1200	126	10390	0.9	0.41
210	SA051	35.1274	78.5262	6.6	61	0.045	208	.	9900	-0.001	38	1780	134	10270	0.6	0.74
55	DU008	35.1270	78.0425	6.1	45	0.043	97	65	12600	-0.001	.	.	18	5640	-0.1	0.96
60	DU013	35.1269	78.1476	6.4	60	0.057	153	37	12500	-0.001	79	.	16	6010	0.5	0.95
47	CU048	35.1253	78.9748	6.5	112	0.059	190	52	13900	-0.001	.	1960	41	12510	-0.1	0.53
220	SA061	35.1221	78.5977	5.8	45	0.070	369	28	12600	-0.001	56	3160	77	11220	2.3	1.56
206	SA047	35.1213	78.3782	6.1	49	0.041	266	28	12100	-0.001	.	2840	135	9180	-0.1	0.84
59	DU012	35.1182	78.1230	6.8	75	0.070	90	.	16200	-0.001	109	1690	29	6040	-0.1	0.93
40	CU041	35.1153	78.6725	4.9	41	0.014	210	18	10600	-0.001	.	.	14	9670	0.7	0.34
32	CU032	35.1150	78.9191	6.4	25	0.039	247	102	7000	-0.001	33	.	101	11590	-0.1	1.56
197	SA038	35.1118	78.3442	6.5	59	0.244	248	.	10000	-0.001	32	.	71	5370	1.2	4.14
180	SA021	35.1083	78.1838	6.0	175	0.073	476	87	12200	0.140	132	1230	177	3620	1.1	0.42
14	CU014	35.1077	78.8470	7.2	160	0.025	128	51	19100	-0.001	33	1860	150	16160	0.5	0.16
218	SA059	35.1043	78.6233	6.3	149	0.015	169	83	12700	0.060	.	1640	114	13290	1.1	0.10
211	SA052	35.1031	78.4734	6.9	45	0.062	275	53	11600	-0.001	32	.	158	10360	1.7	1.38
54	DU007	35.0982	78.0101	6.0	55	0.039	93	51	12500	-0.001	53	1920	.	6590	0.8	0.71
179	SA020	35.0972	78.2232	6.6	86	0.054	344	44	9400	0.070	87	.	78	6030	1.2	0.63
191	SA032	35.0970	78.2527	6.7	136	0.077	204	31	13400	-0.001	106	.	53	4860	2.1	0.57
58	DU011	35.0907	78.0906	6.0	55	0.029	133	51	11000	-0.001	29	1190	35	5440	1.3	0.53
207	SA048	35.0902	78.3791	7.0	118	0.047	214	59	15600	-0.001	40	.	156	11420	1.4	0.40
41	CU042	35.0899	78.6800	6.3	80	0.037	153	36	11500	-0.001	20	5200	26	10110	0.5	0.46
196	SA037	35.0809	78.3291	5.5	51	0.047	237	41	9800	-0.001	48	1090	81	5880	-0.1	0.92
35	CU035	35.0690	78.8905	6.6	50	0.023	173	91	11700	-0.001	30	.	11	11640	0.6	0.46
20	CU020	35.0661	78.7210	5.3	32	0.069	178	49	6400	-0.001	.	.	125	11460	-0.1	2.16
13	CU013	35.0656	78.8426	7.2	99	0.058	239	25	13000	-0.001	28	.	128	16620	0.9	0.59
178	SA019	35.0651	78.2009	6.5	82	0.055	258	54	12700	-0.001	80	.	18	3910	0.8	0.67

FAYETTEVILLE 100K QUADRANGLE - STREAM WATER

Lab #	County ID	Lat	Long	pH	Cond um/cm	U ppb	Al ppb	Br ppb	Cl ppb	Dy ppb	F ppb	Mg ppb	Mn ppb	Na ppb	V ppb	U/cond x1000
49	DU001	35.0618	78.0965	6.9	120	0.092	84	58	15000	-0.001	215	2580	.	6820	0.4	0.77
217	SA058	35.0593	78.5923	5.3	82	0.035	276	28	12900	0.080	34	.	76	12180	-0.1	0.43
195	SA036	35.0592	78.3372	6.0	62	0.044	245	37	10700	-0.001	61	.	70	5690	0.6	0.71
57	DU010	35.0585	78.1279	6.4	115	0.112	250	52	13000	-0.001	88	3480	86	5330	1.2	0.97
4	CU004	35.0577	78.9996	6.2	58	0.055	293	68	12300	-0.001	99	.	128	14140	0.7	0.95
216	SA057	35.0495	78.5292	6.3	28	0.024	233	57	9100	-0.001	24	.	129	10020	1.0	0.86
51	DU003	35.0470	78.0328	5.4	45	0.063	174	40	10300	-0.001	59	.	23	4430	-0.1	1.40
193	SA034	35.0407	78.2362	5.5	167	0.040	208	49	13500	-0.001	94	.	71	6130	0.5	0.24
202	SA043	35.0393	78.4362	7.1	230	0.048	155	.	19100	-0.001	68	5690	223	11450	-0.1	0.21
238	SA079	35.0370	78.3574	6.2	49	0.079	207	77	11400	-0.001	67	.	28	4110	-0.1	1.61
200	SA041	35.0350	78.3834	6.9	72	0.055	91	44	12600	-0.001	36	.	73	7420	0.9	0.76
161	SA002	35.0347	78.1443	6.8	168	-0.002	70	60	8200	-0.001	37	.	49	4190	-0.1	.
177	SA018	35.0336	78.1980	6.2	67	0.055	228	.	11900	-0.001	46	2020	26	4020	-0.1	0.82
50	DU002	35.0297	78.0541	6.2	35	0.073	139	34	10400	-0.001	.	1760	18	4940	-0.1	2.09
194	SA035	35.0270	78.2709	6.6	88	0.046	179	83	12300	-0.001	135	.	67	5090	-0.1	0.52
21	CU021	35.0268	78.7098	5.1	51	0.143	1472	46	10900	-0.001	.	.	117	13450	2.4	2.80
42	CU043	35.0187	78.8069	5.9	52	0.034	282	53	11600	-0.001	28	.	43	10680	-0.1	0.65
12	CU012	35.0182	78.8666	6.2	61	0.042	284	68	11900	-0.001	.	.	101	14900	-0.1	0.69
70	DU024	35.0174	78.1474	6.3	75	0.048	119	101	12200	-0.001	146	.	46	5370	1.4	0.64
214	SA055	35.0161	78.5714	5.2	80	0.051	441	36	11300	0.100	.	.	148	10730	-0.1	0.64
213	SA054	35.0141	78.6107	4.2	138	0.017	734	66	12600	-0.001	121	.	168	12830	-0.1	0.12
215	SA056	35.0121	78.4869	6.7	72	0.033	166	.	12200	-0.001	31	2440	144	12640	0.6	0.46
22	CU022	35.0072	78.6891	5.6	74	0.039	388	37	13300	-0.001	36	.	113	15340	-0.1	0.53
201	SA042	35.0063	78.3851	6.7	58	0.045	166	.	11200	-0.001	.	.	103	7850	0.4	0.78