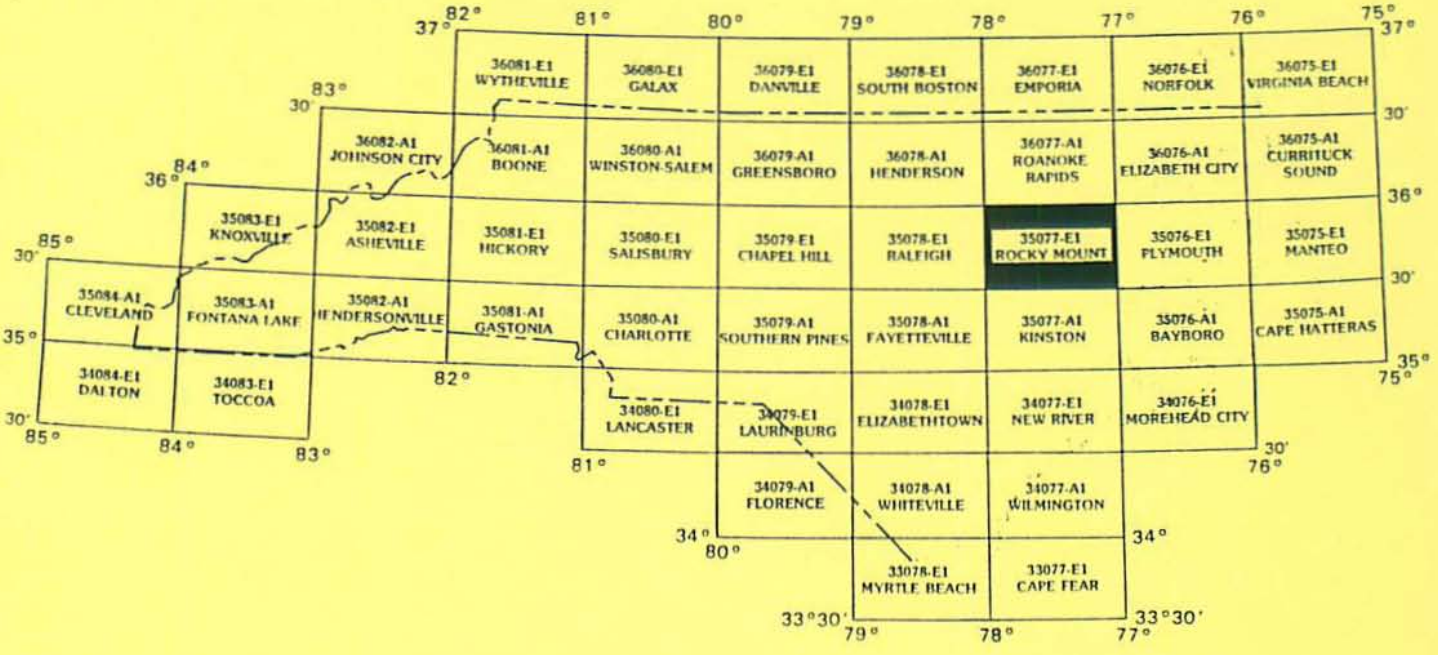
Listing of Concentrations of Variables of Stream Sediment, Stream Water, and Groundwater for the Rocky Mount 30 x 60 - Minute Quadrangle -NURE Database

by
Robert H. Carpenter and Jeffrey C. Reid



NORTH CAROLINA GEOLOGICAL SURVEY
OPEN-FILE REPORT 93-26

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

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

July, 1993

GEOLOGICAL SURVEY SECTION

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

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Jeffrey C. Reid
Chief Geologist

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INTRODUCTION

This report is a compilation of geochemical data for stream sediment and groundwater for the Rocky Mount 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
BE	Beaufort
BR	Bertie
ED	Edgecombe
GE	Greene
MR	Martin
NA	Nash
PI	Pitt
WI	Wilson
WY	Wayne

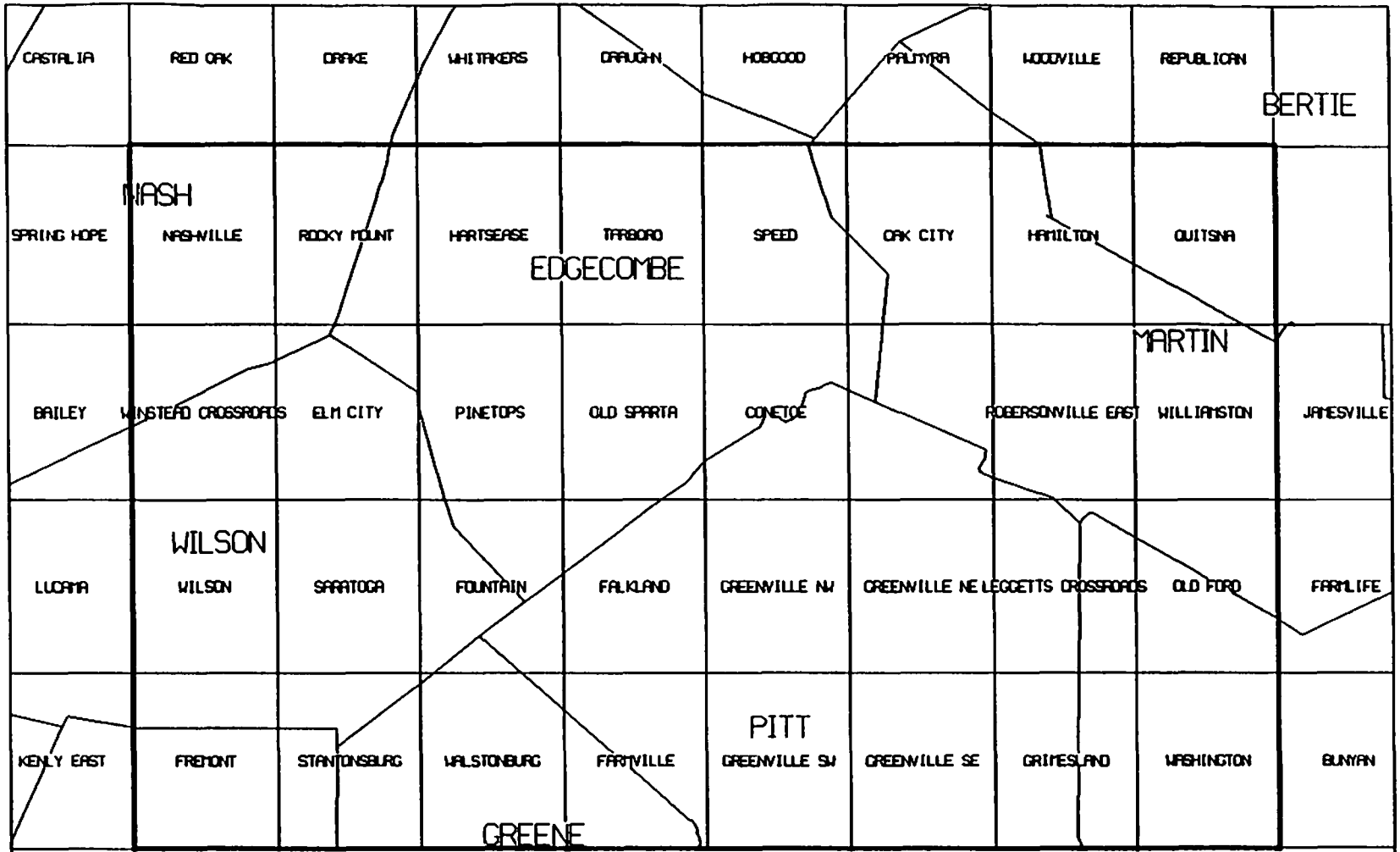

Figure 1. Map Showing Outlines of Rocky Mount 30 x 60 Minute - Quadrangle and Contained 7 - 1/2 Minute Quadrangles.

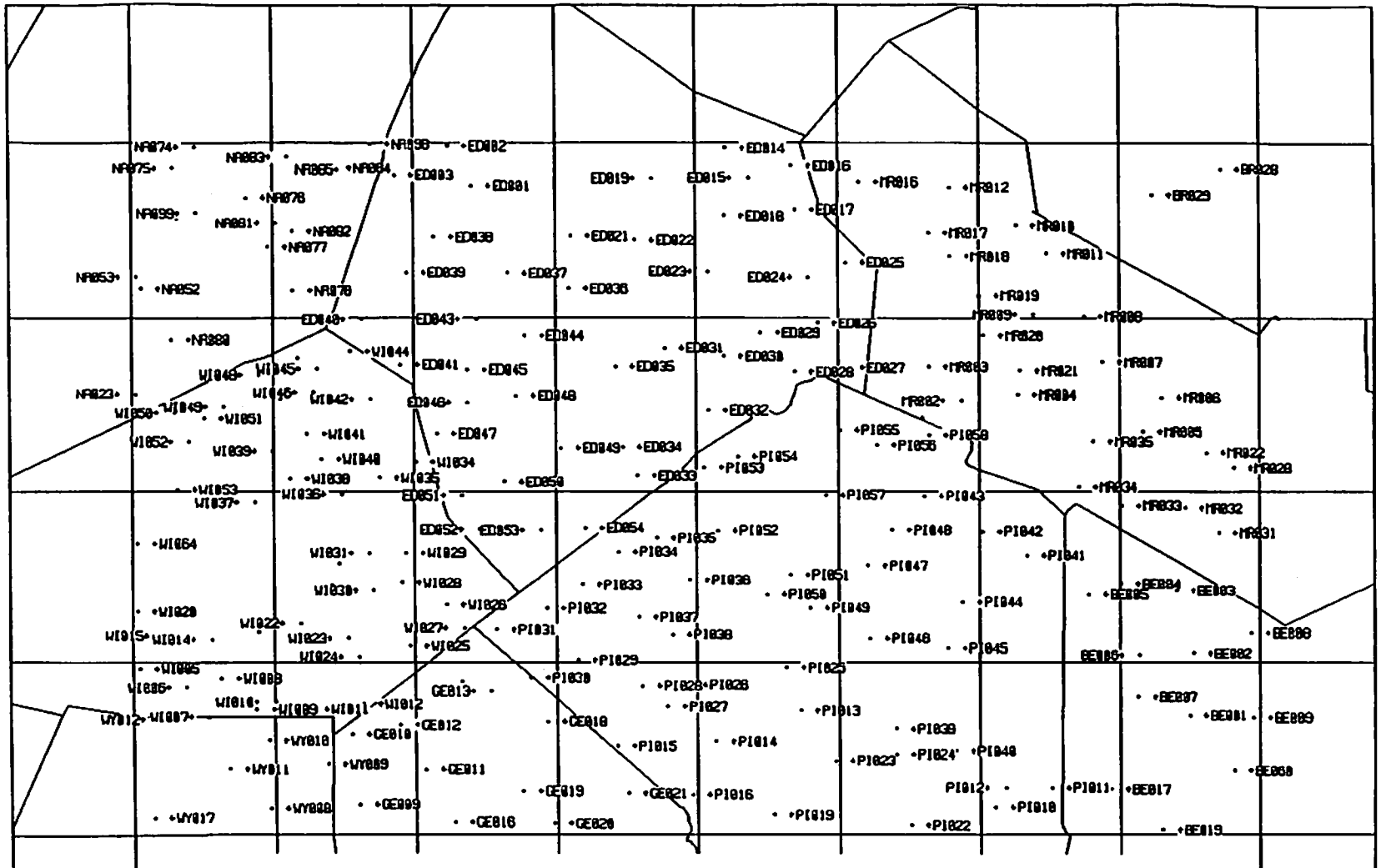

Figure 2. Stream Sediment Sites - Rocky Mount 30 x 60 Minute - Quadrangle

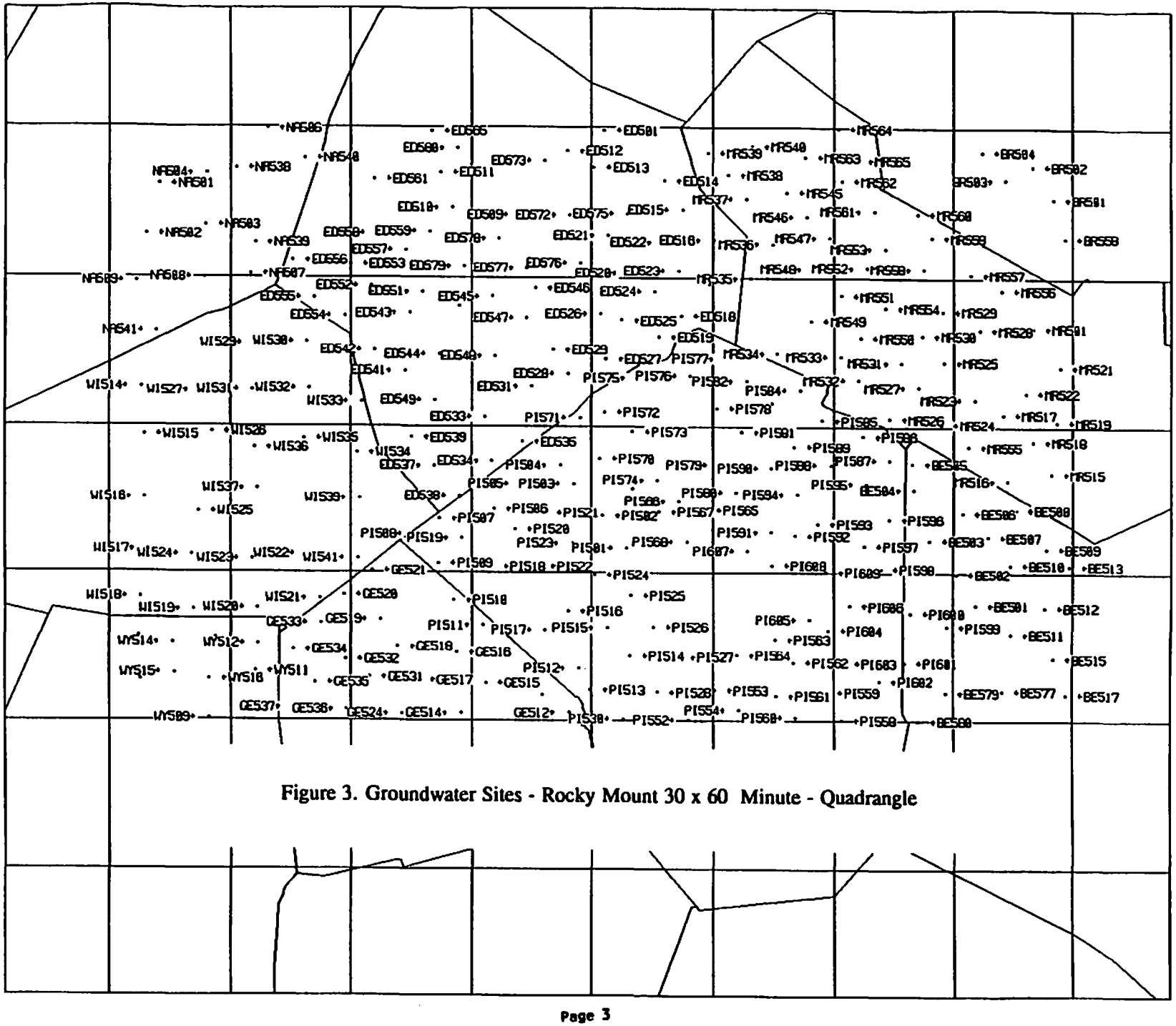

Figure 3. Groundwater Sites - Rocky Mount 30 x 60 Minute - Quadrangle

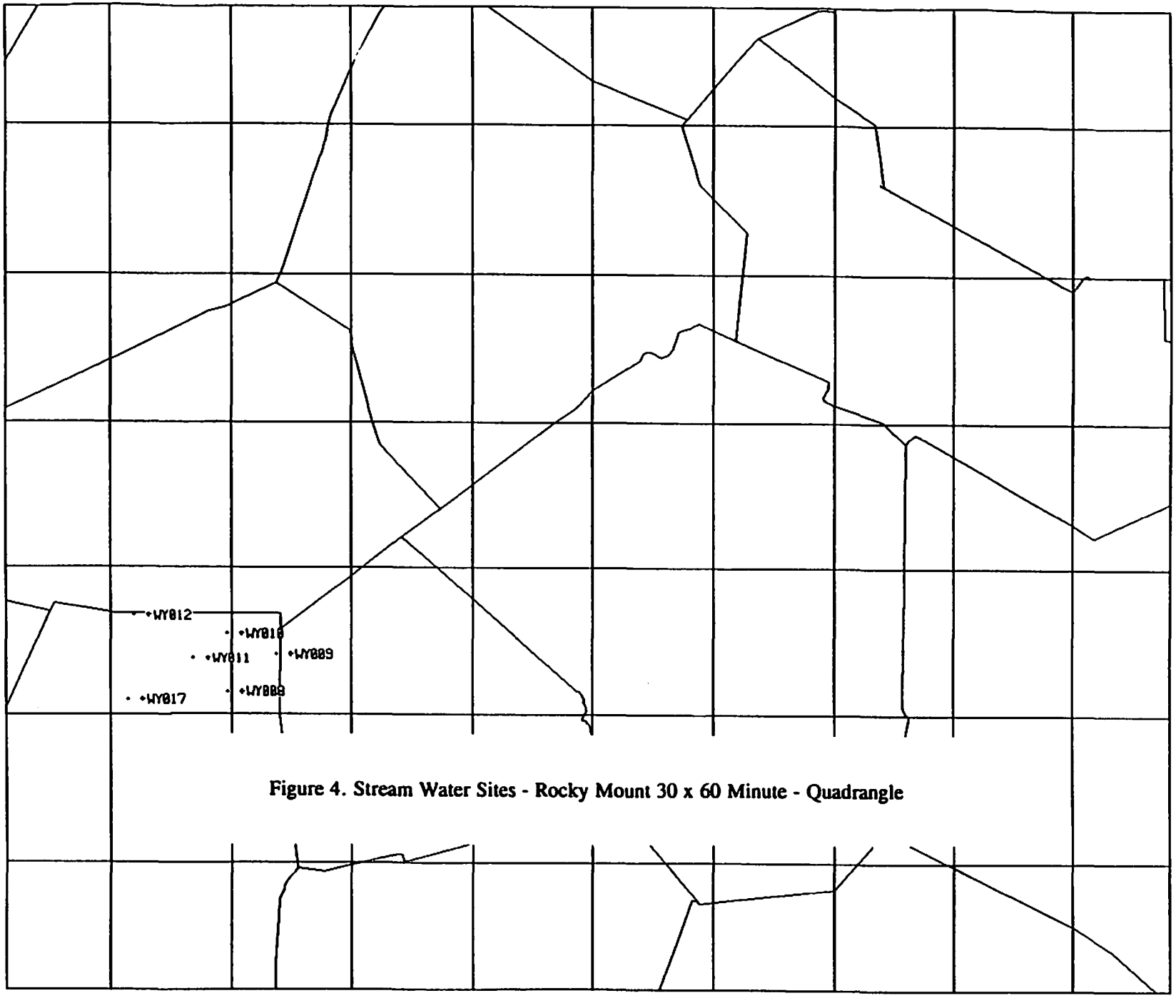

Figure 4. Stream Water Sites - Rocky Mount 30 x 60 Minute - Quadrangle

ROCKY MOUNT 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
375	BE001	35.5863	77.0637	6.0	60	2.3	11	27	17900	45	10000	250	3100	1.8	7600	30	4.6	M	26	5	2.0	0.2	
376	BE002	35.6318	77.0598	5.3	35	2.6	10	48	15300	55	28900	470	4200	1.8	14300	40	3.6	-1.0	34	5	M	M	
377	BE003	35.6779	77.0752	5.1	35	1.8	6	21	15600	44	9200	150	2500	2.7	5600	20	M	2.5	43	1	M	M	
378	BE004	35.6827	77.1244	5.4	32	1.4	5	12	17200	25	8600	80	3600	0.9	3300	20	1.8	-1.0	10	3	M	0.8	
379	BE005	35.6748	77.1531	5.5	32	3.0	7	6	68000	73	24000	130	800	10.4	5100	90	M	0.9	28	4	M	0.3	
380	BE006	35.6306	77.1078	5.8	40	1.6	5	19	14600	22	7100	170	2100	1.2	6900	20	M	-1.0	14	1	M	0.1	
381	BE007	35.5999	77.1097	6.1	68	1.7	8	16	19200	24	9100	160	1800	1.4	4700	20	1.2	M	12	2	M	0.2	
382	BE008	35.6468	77.0073	4.5	45	1.5	9	18	23900	35	11900	140	4800	2.3	5600	20	2.3	0.5	16	2	M	0.4	
383	BE009	35.5847	77.0056	4.7	42	3.8	16	59	20400	112	14500	350	5500	3.3	10300	20	2.8	2.4	51	6	M	0.6	
391	BE017	35.5329	77.1340	6.4	100	2.6	9	41	13900	73	22400	350	1100	2.7	11300	40	M	-1.0	24	4	M	0.5	
393	BE019	35.5036	77.0879	6.3	85	4.3	7	16	44400	73	20800	190	900	6.3	7500	70	4.0	-1.2	33	2	5.2	0.3	
434	BE060	35.5463	77.0232	6.5	120	1.8	8	22	20900	33	10200	190	6100	2.3	5800	20	M	M	21	2	M	0.3	
747	BR028	35.9816	77.0343	5.4	69	3.4	13	38	35300	54	20900	670	8500	6.6	15500	70	5.2	M	20	6	3.3	0.3	
748	BR029	35.9631	77.0960	5.5	71	2.4	7	19	38200	27	14300	290	7400	4.8	5600	40	M	1.1	17	3	M	0.3	
2042	ED001	35.9698	77.6984	5.9	90	5.1	16	6	74700	36	26000	350	5400	8.5	9900	90	0.8	-1.0	34	4	M	0.4	
2043	ED002	35.9983	77.7196	6.5	85	2.5	11	26	9300	40	8300	170	500	1.6	5600	20	2.8	M	25	4	3.7	0.5	
2044	ED003	35.9774	77.7669	6.5	70	3.5	33	41	11600	91	14100	360	1200	0.9	9300	30	2.9	-1.0	50	1	4.2	0.4	
2055	ED014	35.9966	77.4735	5.9	45	3.0	10	24	29000	54	13700	150	600	2.9	8900	50	6.6	-1.2	27	3	1.8	0.4	
2056	ED015	35.9753	77.4534	6.3	50	3.6	10	63	10100	72	14100	480	1200	2.2	15100	40	M	-1.5	35	6	3.0	0.5	
2057	ED016	35.9840	77.4160	5.4	50	1.6	11	22	6900	26	12100	190	400	1.5	6000	20	1.6	M	11	2	M	0.2	
2058	ED017	35.9529	77.4128	4.8	30	2.3	13	40	10100	48	16100	260	1100	2.6	10500	30	1.8	-1.0	22	4	M	0.3	
2059	ED018	35.9484	77.4749	6.0	50	4.3	24	90	9300	96	22400	650	800	2.3	19600	50	M	-1.0	47	7	3.0	0.7	
2060	ED019	35.9752	77.5394	6.6	50	6.0	33	79	19100	123	29400	680	2700	4.9	14900	50	5.5	-1.0	70	1	6.7	1.1	
2062	ED021	35.9340	77.6113	6.5	45	1.1	4	16	5200	-20	9300	130	500	1.2	4100	10	1.4	-1.0	8	1	2.2	0.1	
2063	ED022	35.9309	77.5540	6.7	125	5.3	18	15	61100	73	37100	750	5100	7.2	9600	80	0.5	-1.0	44	6	M	M	
2064	ED023	35.9084	77.4889	5.9	120	3.4	18	34	14700	70	10800	300	2600	2.6	7000	20	M	-1.0	45	5	1.9	0.4	
2065	ED024	35.9044	77.4013	5.2	40	4.3	15	89	6800	55	17900	660	300	3.5	27500	70	4.4	-1.0	32	4	3.2	0.6	
2066	ED025	35.9147	77.3680	4.6	30	0.8	2	10	3600	20	8600	70	100	1.1	3000	10	0.6	M	5	1	M	0.1	
2067	ED026	35.8711	77.3934	5.0	40	1.7	7	24	6200	17	7300	160	400	0.8	6600	20	2.1	-1.0	14	2	M	M	
2068	ED027	35.8392	77.3685	5.7	90	9.0	42	161	9800	144	22100	850	200	5.4	31200	70	5.5	-1.0	91	10	6.4	1.3	
2069	ED028	35.8361	77.4139	5.3	50	1.9	8	27	6400	26	7600	250	500	1.5	9000	20	1.7	-1.0	17	2	M	M	
2070	ED029	35.8642	77.4436	5.1	90	2.9	9	23	25600	53	11900	190	1900	3.9	6500	30	2.4	-1.0	23	3	2.8	0.4	
2071	ED030	35.8474	77.4758	5.3	120	2.9	19	27	29000	72	15400	210	2800	4.2	6100	30	4.8	-1.0	35	5	M	0.6	
2072	ED031	35.8535	77.5279	6.0	120	8.2	74	88	27900	279	20500	790	4200	6.9	17700	50	10.1	4.0	145	21	7.6	1.4	
2073	ED032	35.8086	77.4893	5.5	120	3.4	20	30	18500	64	8300	310	3000	2.5	6100	20	0.4	-1.0	39	6	2.9	0.5	
2074	ED033	35.7617	77.5526	5.7	50	3.3	16	60	9500	69	17400	300	300	3.0	15500	40	3.7	-1.0	33	6	2.6	0.6	
2075	ED034	35.7822	77.5656	6.1	45	3.7	18	62	5700	75	12800	340	500	2.9	11500	30	3.7	-1.0	38	5	2.7	0.6	
2076	ED035	35.8402	77.5720	5.6	40	3.9	36	68	12500	122	19600	520	900	1.9	17500	50	M	2.9	67	7	M	0.3	

ROCKY MOUNT 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
2077	ED036	35.8963	77.6129	5.4	45	1.6	6	25	3300	37	5400	110	200	1.6	4000	10	1.4	M	10	1	M	0.4	0.017
2078	ED037	35.9072	77.6671	4.6	40	2.5	12	29	5200	36	7600	110	200	1.7	5200	20	2.5	-1.0	19	3	2.9	0.4	
2079	ED038	35.9333	77.7319	5.2	70	3.6	15	22	16900	73	10200	220	1100	2.1	8900	30	M	1.3	31	3	3.6	0.5	
2080	ED039	35.9078	77.7562	7.0	145	3.4	M	16	46600	M	M	150	1000	2.6	8200	60	M	M	M	M	M	M	
2081	ED040	35.8739	77.7964	6.6	60	3.4	20	26	20500	62	19800	100	1000	1.8	4600	20	M	-1.0	37	4	1.7	0.6	
2082	ED041	35.8415	77.7619	6.2	60	2.6	11	21	18800	59	17400	100	1000	3.5	5100	30	3.8	-1.0	28	3	3.1	0.4	
2083	ED042	35.8774	77.7349	6.4	60	3.3	8	15	35800	74	21000	200	400	4.5	9900	60	7.9	2.3	34	7	3.1	0.6	
2084	ED043	35.8742	77.6945	6.2	50	1.7	7	17	10300	48	-5000	110	500	1.5	5000	20	1.6	-1.0	13	2	M	0.3	0.022
2085	ED044	35.8623	77.6522	6.1	40	3.8	16	12	34600	60	28100	120	700	4.4	6500	50	5.9	0.7	31	5	2.7	0.4	
2086	ED045	35.8379	77.7027	5.5	75	1.8	11	23	5000	25	9100	170	200	1.8	7100	20	1.6	-1.0	17	2	M	0.3	
2087	ED046	35.8143	77.7030	6.1	50	4.8	39	54	13800	153	13100	280	800	3.0	9200	30	M	-1.2	81	9	M	0.5	
2088	ED047	35.7919	77.7299	6.2	50	3.0	9	18	24600	59	9900	150	700	2.4	6600	50	M	-1.0	24	5	3.1	0.5	
2089	ED048	35.8193	77.6598	6.1	50	3.8	13	21	37800	63	21500	1160	600	4.1	11600	80	0.6	-1.0	35	4	M	0.5	
2090	ED049	35.7816	77.6202	6.2	50	3.8	33	60	6600	108	14100	350	400	3.0	11300	30	5.6	-1.0	60	8	3.0	0.7	
2091	ED050	35.7573	77.6705	6.0	50	2.1	14	28	9100	37	8300	180	400	1.8	6300	20	M	-1.0	16	2	1.4	0.4	
2092	ED051	35.7472	77.7077	5.3	50	1.4	M	M	5100	M	M	70	300	M	4000	10	1.9	M	M	2	M	M	0.261
2093	ED052	35.7225	77.6926	5.8	60	3.3	8	20	22000	56	20400	130	500	2.5	7800	40	M	-1.0	27	4	2.6	0.4	
2094	ED053	35.7220	77.6387	6.2	70	1.7	8	27	6900	20	10300	140	200	1.6	5800	20	1.4	-1.0	14	2	4.3	M	
2095	ED054	35.7236	77.5994	6.1	80	1.4	7	16	13500	29	6400	150	1100	1.3	4700	10	2.1	-1.0	17	3	M	0.1	
2310	GE009	35.5223	77.8005	5.6	55	3.0	20	34	7700	51	9300	120	300	1.9	5900	20	3.3	M	31	4	M	0.4	
2311	GE010	35.5731	77.8071	6.4	80	5.5	31	93	9400	121	16600	430	400	2.0	17000	40	4.5	2.0	65	8	6.2	0.9	
2312	GE011	35.5473	77.7412	6.3	80	3.0	18	46	8500	59	10200	240	500	1.3	8500	20	1.7	-1.0	43	4	M	M	
2313	GE012	35.5798	77.7638	6.1	70	2.8	14	55	6500	40	13200	220	200	1.1	9400	30	2.2	M	26	3	M	0.4	
2314	GE013	35.6043	77.6830	5.6	60	2.1	10	24	15900	36	10900	130	400	2.3	6700	30	M	-1.0	19	3	7.4	0.3	
2315	GE014	35.6112	77.7090	5.8	50	3.1	9	17	26800	52	12100	90	700	5.5	6100	40	3.7	0.7	26	M	2.5	0.3	
2317	GE016	35.5095	77.7161	5.6	40	2.1	8	26	8300	-20	10300	150	400	2.2	6000	20	2.4	-1.0	20	3	M	0.3	
2319	GE018	35.5822	77.6337	5.4	50	3.2	11	19	27300	55	12500	120	700	5.2	6900	40	3.4	M	24	2	3.1	0.3	
2320	GE019	35.5318	77.6553	5.7	60	4.9	10	10	56000	55	17700	120	300	4.4	10000	90	5.0	-1.0	27	3	3.6	0.4	
2321	GE020	35.5086	77.6283	4.6	95	3.9	10	17	27500	95	15600	90	400	3.2	8100	50	7.1	M	25	4	7.0	0.7	
2322	GE021	35.5302	77.5622	5.6	70	2.8	14	61	6200	59	12000	300	300	3.3	10500	30	M	-1.0	45	4	M	0.4	
4128	MR001	35.8030	77.3005	5.4	34	2.2	M	M	5900	M	M	200	500	M	8300	30	2.5	M	M	M	M	M	
4129	MR002	35.8154	77.2653	5.3	71	2.8	9	16	24200	50	13300	140	1100	4.1	7600	40	3.6	-1.0	21	3	1.9	0.2	
4130	MR003	35.8398	77.2944	4.8	52	2.6	8	37	9200	29	13500	240	400	3.0	10100	30	3.6	M	17	9	4.9	0.4	
4131	MR004	35.8197	77.2165	6.0	140	2.7	16	54	7400	46	19700	470	400	2.2	15700	40	M	-1.0	24	3	2.6	0.4	
4132	MR005	35.7931	77.1046	6.3	97	2.7	6	12	26300	52	18500	120	500	3.2	6600	40	2.7	M	22	4	2.6	0.4	
4133	MR006	35.8178	77.0880	4.9	67	3.9	7	15	41200	47	15800	80	600	5.3	8300	70	M	-1.0	24	4	3.3	0.7	
4134	MR007	35.8432	77.1401	5.8	134	2.3	6	22	9100	21	9000	160	500	2.2	5700	20	2.8	1.0	16	2	2.3	0.3	
4135	MR008	35.8763	77.1573	4.4	34	3.9	14	65	15700	73	18900	330	100	2.7	16800	60	M	-1.0	35	6	2.9	0.6	

ROCKY MOUNT 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
4136	MR009	35.8775	77.2021	6.1	89	3.2	8	23	16800	39	13000	150	400	2.2	8300	40	4.4	-1.0	21	3	1.9	0.4	
4137	MR010	35.9414	77.2173	6.1	72	3.5	11	49	12400	45	12600	300	1000	2.9	11300	30	2.5	-1.0	28	4	2.6	0.4	
4138	MR011	35.9213	77.1904	6.2	108	3.6	14	64	11500	86	19100	540	1300	1.4	16100	40	9.2	1.4	45	7	2.8	0.8	
4139	MR012	35.9685	77.2754	5.4	62	3.6	9	14	35600	52	17300	110	800	5.4	7500	50	3.6	-1.0	30	1	1.8	0.5	
4143	MR016	35.9724	77.3557	5.5	50	1.6	6	26	5700	28	9800	150	500	2.1	5400	20	1.5	-1.0	12	2	M	0.2	
4144	MR017	35.9362	77.2946	6.0	77	5.2	12	17	34300	79	17300	180	1100	5.4	9000	50	3.8	0.8	36	M	4.1	0.6	
4145	MR018	35.9193	77.2753	6.0	73	2.9	16	61	8500	55	11500	290	1200	2.1	10300	30	3.6	-1.0	32	5	3.4	0.6	
4146	MR019	35.8911	77.2495	5.4	82	3.6	13	21	29400	37	16800	130	1100	3.5	8700	50	1.6	-1.0	28	5	M	0.6	
4147	MR020	35.8621	77.2458	5.3	78	2.0	10	27	8300	27	11000	180	700	2.0	6500	20	2.3	1.0	17	7	M	0.2	0.035
4148	MR021	35.8369	77.2141	5.3	90	4.3	9	12	33700	64	20400	100	900	3.5	7100	50	3.4	0.9	23	3	2.5	0.4	
4149	MR022	35.7781	77.0477	5.8	45	3.0	12	26	32800	40	18200	260	1500	5.3	10400	50	M	2.2	40	3	M	0.3	
4155	MR028	35.7671	77.0229	6.8	349	2.2	7	24	8200	67	11900	150	1800	2.0	4200	10	M	-1.0	13	3	M	0.5	
4158	MR031	35.7200	77.0371	5.3	57	6.9	36	69	23700	136	18900	560	1700	3.1	19000	60	5.6	1.8	77	9	4.4	0.8	
4159	MR032	35.7378	77.0676	4.8	39	2.3	12	34	11300	63	15000	300	1400	3.0	10200	30	0.1	-1.0	26	4	M	0.3	
4160	MR033	35.7396	77.1237	4.5	62	1.8	6	32	9800	12	19000	580	300	6.2	19500	60	0.2	-1.0	12	M	M	0.1	
4161	MR034	35.7535	77.1623	5.9	112	4.1	5	15	32300	66	15600	100	800	5.5	6900	50	5.1	-1.0	29	4	4.2	0.4	
4162	MR035	35.7859	77.1488	5.5	143	6.7	29	119	9100	135	25100	810	800	4.1	24700	50	1.9	-1.0	66	9	4.6	0.8	
4233	NA023	35.8207	77.9965	8.3	70	12.3	31	297	10100	106	18400	1010	200	7.1	47200	90	8.4	M	59	13	10.3	1.5	
4262	NA052	35.8961	77.9915	6.0	129	8.9	70	170	12200	276	10200	600	2700	3.8	19100	50	8.0	-1.0	141	13	8.4	1.1	
4263	NA053	35.9046	77.9954	6.3	123	10.8	64	310	30400	212	27700	1100	3300	17.2	30500	150	9.5	3.9	102	15	10.2	1.8	
4264	NA054	35.9463	77.9596	6.7	69	5.6	15	76	51300	74	23000	790	3900	13.4	15100	80	5.5	1.5	41	4	3.6	0.6	
4284	NA074	35.9977	77.9433	7.8	85	8.3	26	180	16100	39	20000	1010	3500	6.7	36500	90	4.5	6.1	18	2	6.9	0.7	
4285	NA075	35.9825	77.9628	7.5	62	30.6	184	450	26600	517	25800	1030	M	13.1	25500	80	17.1	2.2	242	18	14.3	2.9	
4286	NA076	35.9614	77.8980	7.4	91	10.9	35	254	16100	117	47100	1700	300	7.5	51500	110	8.6	-1.0	50	6	8.1	1.8	
4287	NA077	35.9262	77.8792	5.7	113	4.5	9	99	9700	20	16900	690	600	5.5	20500	50	M	-1.0	14	2	2.6	0.3	
4288	NA078	35.8950	77.8572	6.8	105	5.9	48	44	22400	136	11200	640	6000	3.0	10000	40	10.2	M	80	12	M	0.8	
4289	NA079	35.8461	77.8531	8.1	950	8.2	67	76	5400	219	6500	290	200	2.7	6900	20	4.4	M	108	9	3.8	0.7	
4290	NA080	35.8595	77.9648	M	M	4.1	37	42	8300	101	7100	230	200	2.6	7200	20	4.1	-1.1	59	6	M	0.3	
4291	NA081	35.9434	77.8717	7.4	110	16.0	26	406	16000	129	70200	3050	1200	12.9	77800	160	M	-1.3	54	7	9.8	2.5	
4292	NA082	35.9373	77.8576	7.5	109	21.9	32	515	17500	120	89500	3840	1200	10.4	M	210	2.8	-1.5	53	6	14.3	3.3	
4293	NA083	35.9902	77.8615	7.3	70	11.0	23	196	22200	52	18200	1140	2000	4.3	28900	70	8.2	-1.5	36	4	6.8	1.1	
4294	NA084	35.9826	77.8216	M	M	7.3	16	126	10100	58	14100	430	800	2.4	14900	40	M	-1.0	31	5	6.1	1.1	
4295	NA085	35.9815	77.8010	7.7	111	17.0	49	1	11700	163	30900	1500	400	8.2	54000	110	12.1	M	82	9	14.6	2.4	
4303	NA093	35.9935	77.8955	7.5	90	12.6	30	252	15900	91	59200	2580	1000	10.5	60600	160	M	M	43	6	11.0	1.5	
4308	NA098	35.9996	77.7878	7.1	121	14.5	-22	185	9000	M	M	730	500	6.5	23700	50	19.4	M	180	28	M	-2.4	
4309	NA099	35.9505	77.9424	7.5	60	5.7	11	122	10700	40	16700	520	300	4.8	17500	50	5.3	0.9	20	3	5.4	0.7	
4613	PI010	35.5202	77.2366	6.5	101	2.8	8	19	32500	44	24700	M	M	3.8	3900	40	M	-1.0	32	4	M	0.3	
4614	PI011	35.5340	77.1872	5.9	46	2.5	11	32	21100	56	17100	230	1000	4.7	7800	40	1.9	M	27	4	M	0.5	

ROCKY MOUNT 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
4615	PI012	35.5340	77.2275	6.2	127	4.0	10	23	39800	57	22800	260	900	5.1	10600	80	M	-1.0	25	2	M	0.3	
4616	PI013	35.5901	77.4097	5.4	50	2.0	14	38	6800	42	10500	190	400	1.7	7200	20	0.6	M	14	M	M	0.2	
4617	PI014	35.5677	77.4836	5.2	41	2.8	8	19	23000	39	12400	120	200	1.4	8700	50	M	1.8	18	3	1.8	0.3	
4618	PI015	35.5644	77.5718	4.1	67	2.3	7	20	20000	25	11600	80	200	1.6	7100	40	2.7	M	19	2	1.3	0.3	
4619	PI016	35.5292	77.5048	6.2	83	1.5	7	22	5500	11	6000	190	200	0.9	8100	20	2.9	-1.0	14	3	2.5	0.3	
4622	PI019	35.5147	77.4337	6.1	87	4.5	25	100	6100	109	20100	550	200	2.8	20300	50	6.4	0.7	56	6	M	0.6	
4625	PI022	35.5070	77.3117	5.1	50	4.0	10	14	35900	65	24000	120	600	2.1	10000	70	1.8	2.5	22	4	M	M	
4626	PI023	35.5535	77.3785	5.1	77	3.3	18	55	8800	68	15100	440	400	2.3	16100	50	4.7	1.0	33	4	3.4	0.5	
4627	PI024	35.5583	77.3246	5.0	52	3.5	13	55	12900	66	16700	350	1100	3.8	12700	30	2.9	M	30	5	M	0.4	
4628	PI025	35.6216	77.4220	5.7	43	5.5	22	102	9900	103	25100	890	1100	2.6	28400	70	2.4	-1.0	53	7	4.1	0.7	
4629	PI026	35.6087	77.5081	4.9	40	2.6	7	26	12800	37	11500	120	500	1.5	6200	20	2.7	M	24	M	M	0.3	
4630	PI027	35.5930	77.5265	5.1	44	1.5	5	19	6800	-33	7300	110	300	1.9	5000	20	M	-1.0	37	1	M	M	
4631	PI028	35.6079	77.5488	5.2	53	2.7	10	36	10900	44	10300	160	400	3.2	7100	20	2.2	M	24	3	M	0.5	
4632	PI029	35.6271	77.6063	5.3	47	2.5	7	39	6600	56	10500	140	300	2.5	5600	20	0.8	-1.0	26	2	4.7	0.4	
4633	PI030	35.6139	77.6483	5.4	41	2.7	8	22	13300	45	11300	120	400	1.9	5600	30	1.7	-1.0	19	2	M	0.4	
4634	PI031	35.6493	77.6779	4.4	43	3.6	8	15	32000	36	16100	90	600	3.6	7000	50	3.9	0.8	22	2	M	0.5	
4635	PI032	35.6649	77.6338	5.4	50	2.3	9	36	8400	37	11100	200	500	2.4	8800	20	2.1	-1.0	16	3	5.2	0.4	
4636	PI033	35.6820	77.6020	5.2	73	1.7	4	19	8700	14	6600	130	300	1.8	5300	20	2.0	0.9	7	1	M	0.3	
4637	PI034	35.7063	77.5700	5.6	55	7.1	44	140	8900	161	19100	520	400	4.3	17500	50	2.9	-1.0	93	3	5.6	1.0	
4638	PI035	35.7163	77.5357	6.0	104	2.4	11	27	14900	50	15500	300	500	3.3	7500	30	1.4	-1.0	22	3	M	0.6	
4639	PI036	35.6855	77.5060	5.6	45	5.7	30	87	14500	108	17600	540	900	4.2	18300	50	6.5	M	64	8	M	0.6	
4640	PI037	35.6583	77.5520	5.5	52	3.8	8	16	28800	50	14200	90	400	4.0	7000	50	6.0	1.5	112	4	M	0.4	
4641	PI038	35.6456	77.5221	4.8	58	3.0	9	36	10200	-20	13500	260	200	1.8	10800	30	2.6	M	37	3	2.1	0.2	
4642	PI039	35.5767	77.3244	6.3	85	1.7	9	28	10900	28	13100	180	700	1.8	5500	20	M	M	20	2	M	0.1	
4643	PI040	35.5607	77.2710	6.0	68	M	18	63	8700	73	19400	570	400	1.9	16200	40	4.3	-1.0	34	6	6.0	0.6	
4644	PI041	35.7034	77.2085	5.4	46	2.3	10	22	20000	41	14100	140	1800	3.6	5500	20	1.3	M	44	M	M	0.3	
4645	PI042	35.7208	77.2472	5.5	42	3.9	8	10	26800	73	22100	80	400	3.9	6400	50	3.4	1.7	29	3	M	0.4	
4646	PI043	35.7468	77.2984	5.1	51	3.9	16	35	21900	75	16700	210	400	3.6	9400	40	5.6	M	42	5	2.4	0.6	
4647	PI044	35.6692	77.2648	4.9	33	3.3	18	19	38100	40	13900	150	1800	4.4	9500	60	4.9	-1.0	24	3	M	0.5	
4648	PI045	35.6357	77.2779	5.6	72	4.3	18	16	61100	42	18800	180	3200	5.0	10900	80	0.2	M	27	M	M	0.4	
4649	PI046	35.6429	77.3471	6.2	114	25.3	325	269	21700	955	50400	2190	3200	10.6	52200	130	M	5.7	549	29	17.2	2.8	
4650	PI047	35.6961	77.3488	5.8	81	4.5	28	41	21700	133	12700	340	2400	2.0	10000	30	M	-1.0	45	7	3.4	0.6	
4651	PI048	35.7220	77.3274	6.0	84	2.4	14	33	9400	29	11600	310	600	1.9	10600	30	1.8	-1.0	18	2	M	M	
4652	PI049	35.6652	77.4005	4.9	49	6.3	36	51	21500	129	14200	530	3100	4.7	12100	50	0.8	-1.0	60	9	4.9	0.6	
4653	PI050	35.6748	77.4385	5.2	100	2.3	10	16	27400	39	8500	240	4100	3.4	6600	30	M	M	21	2	3.1	0.3	
4654	PI051	35.6894	77.4178	4.7	41	3.4	16	30	20500	45	12500	180	2300	2.1	5500	20	2.8	-1.0	30	3	M	0.6	
4655	PI052	35.7217	77.4813	5.3	71	3.4	13	32	23000	70	8500	290	1600	1.7	9100	40	5.0	-1.0	37	4	2.9	M	
4656	PI053	35.7674	77.4931	5.5	112	3.3	18	17	36200	74	16700	180	3100	3.4	4700	40	5.0	1.6	35	4	M	0.3	

ROCKY MOUNT 100K QUADRANGLE - STREAM SEDIMENT

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4657	P1054	35.7753	77.4638	5.2	63	2.8	10	25	17900	47	10600	220	1400	2.5	8400	30	0.2	M	35	2	M	0.4	
4658	P1055	35.7941	77.3734	5.5	87	3.3	11	23	25300	70	17200	130	500	3.0	6900	40	3.1	-1.0	30	3	3.1	0.5	
4659	P1056	35.7834	77.3407	5.4	73	4.3	11	11	41700	43	18300	90	700	4.1	7900	60	3.4	M	54	4	M	0.4	
4660	P1057	35.7475	77.3863	5.5	81	2.8	12	22	13900	45	12600	210	1800	3.6	5600	20	3.1	0.6	28	4	2.9	0.5	
4661	P1058	35.7905	77.2946	4.9	126	2.7	7	27	15000	61	18500	260	900	2.8	9100	30	1.7	M	27	3	M	0.3	
6185	WI005	35.6204	77.9941	M	M	4.2	12	15	37200	-20	15200	120	10600	6.0	9800	60	4.5	1.8	26	4	5.1	-0.2	
6186	WI006	35.6069	77.9526	6.9	70	2.6	9	48	8300	31	-5000	230	9400	2.6	9800	30	2.1	-1.0	22	4	M	0.3	
6187	WI007	35.5857	77.9329	M	M	3.5	11	51	8600	80	-5000	160	10300	1.4	6400	20	3.2	1.3	25	5	M	-0.2	
6188	WI008	35.6134	77.9215	M	M	4.2	16	64	8300	49	8000	160	100	2.5	8000	30	2.6	M	26	3	3.1	0.3	
6189	WI009	35.5910	77.8907	6.8	105	3.1	10	39	6200	46	6000	180	400	1.7	7500	20	2.0	-1.0	17	2	M	0.7	
6190	WI010	35.5966	77.8741	6.7	48	3.1	12	46	5700	55	13300	320	200	3.2	11600	30	1.7	-1.0	22	3	2.5	0.4	
6191	WI011	35.5913	77.8445	6.3	95	7.0	31	101	29100	117	34700	700	1600	8.1	22400	70	19.0	-1.0	44	5	M	0.6	
6192	WI012	35.5950	77.7967	6.1	75	3.2	5	35	10200	28	6000	140	300	2.1	11400	10	1.7	-1.0	23	2	3.1	M	
6194	WI014	35.6422	77.9299	M	M	26.5	108	535	61900	344	44000	1770	700	20.6	88100	260	15.5	-1.1	191	20	16.0	3.5	
6195	WI015	35.6449	77.9718	M	M	17.4	89	379	40400	391	84700	1450	1000	12.1	61900	150	13.4	4.6	348	22	15.4	2.5	
6200	WI020	35.6625	77.9960	6.6	140	5.7	19	92	15000	62	16500	440	200	4.1	21300	50	5.8	-1.2	27	3	4.4	0.8	
6201	WI021	35.6474	77.8888	7.1	550	3.8	17	59	15000	72	13500	280	1300	3.2	10200	30	2.7	M	30	5	M	0.5	
6202	WI022	35.6539	77.8516	6.2	110	2.8	11	36	7200	38	7600	110	100	1.0	6500	20	2.3	-1.0	19	3	M	0.4	
6203	WI023	35.6430	77.8097	6.5	100	2.1	8	21	5300	11	-5000	70	200	1.6	4400	10	1.9	3.0	9	3	M	0.4	
6204	WI024	35.6296	77.7999	6.3	100	3.7	16	61	9900	17	11300	270	300	2.0	12600	40	3.7	-1.0	29	6	4.6	0.4	0.051
6205	WI025	35.6374	77.7549	6.7	100	1.6	3	23	3400	-20	6600	70	100	1.3	3400	10	1.3	-1.0	7	2	M	0.2	
6206	WI026	35.6674	77.7222	M	M	2.4	3	19	10400	20	6000	90	300	1.8	5000	20	2.9	-1.0	11	2	1.9	0.2	
6207	WI027	35.6505	77.7068	6.2	55	1.8	3	24	7400	32	-5000	110	800	1.3	4600	10	2.0	M	11	3	M	0.2	
6208	WI028	35.6834	77.7616	6.0	48	2.0	11	16	6800	24	-5000	70	300	1.1	3700	10	2.7	-1.0	16	3	1.3	0.3	
6209	WI029	35.7055	77.7577	6.3	69	5.1	29	63	9600	88	7100	160	500	1.5	7000	20	4.1	M	53	5	3.6	0.5	
6210	WI030	35.6779	77.7867	6.4	75	3.3	18	28	8600	43	-5100	90	300	1.8	4100	10	3.0	M	28	6	M	0.3	
6211	WI031	35.7055	77.7902	6.1	90	2.1	12	24	6900	28	-5000	80	700	1.2	3800	10	2.1	-1.0	26	2	M	0.4	
6212	WI032	35.6979	77.8168	6.3	90	3.2	14	36	6700	59	-5000	170	500	1.8	6100	20	2.0	-1.0	32	4	2.8	0.2	
6213	WI033	35.6818	77.8243	6.1	70	2.3	8	26	7900	47	-5000	120	300	2.5	M	20	M	-1.0	13	2	2.1	M	
6214	WI034	35.7715	77.7486	6.2	91	3.4	6	20	19300	54	9800	M	500	2.4	3700	40	M	-1.0	19	3	4.1	0.4	
6215	WI035	35.7601	77.7809	6.2	82	2.3	7	20	8200	-64	9300	M	300	3.2	4000	10	M	M	14	2	M	-0.4	
6216	WI036	35.7481	77.8145	5.8	80	4.9	M	38	10100	M	M	M	600	2.1	5200	20	M	M	M	M	M	M	
6217	WI037	35.7422	77.8911	8.2	190	3.1	20	25	15400	92	9900	160	1100	2.9	5300	30	3.1	-1.3	36	4	2.5	0.4	
6218	WI038	35.7597	77.8602	5.3	74	4.0	32	21	16000	80	7400	120	800	2.1	4600	30	3.3	-1.9	52	7	M	0.4	
6219	WI039	35.7794	77.8753	4.2	90	4.0	27	22	16200	100	6400	140	1000	1.9	3600	20	5.0	-1.4	50	6	2.8	0.6	
6220	WI040	35.7737	77.8326	4.8	45	6.8	70	44	9400	206	6400	230	600	1.9	5500	10	7.8	-1.1	124	15	4.5	0.9	
6221	WI041	35.7918	77.8452	5.8	263	7.4	73	43	11000	270	13500	350	600	0.9	6800	20	6.3	M	153	19	M	0.4	
6222	WI042	35.8167	77.7890	5.5	71	2.2	4	17	7100	33	5200	100	300	1.1	3700	10	2.5	-1.0	14	3	3.4	0.3	

ROCKY MOUNT 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
6223	WI043	35.8161	77.7495	6.4	109	2.8	6	20	13600	26	9400	80	200	3.3	4400	20	2.4	M	12	3	2.8	M	
6224	WI044	35.8510	77.8064	6.2	50	2.2	12	15	11300	25	6400	M	M	0.8	M	10	M	-1.0	15	2	M	-0.3	
6225	WI045	35.8386	77.8361	6.8	175	4.3	20	27	25300	107	18600	170	2500	2.8	M	30	M	M	45	4	M	0.5	
6226	WI046	35.8218	77.8394	M	M	2.8	18	17	33400	55	10800	160	2600	1.9	5600	30	3.3	-1.1	27	3	3.9	M	
6227	WI047	35.8170	77.8686	6.1	125	3.7	21	21	16900	94	10400	160	800	2.7	5400	30	5.8	-1.4	32	10	M	0.3	
6228	WI048	35.8344	77.8874	6.3	148	2.9	10	25	8200	40	6500	80	400	1.4	3200	10	2.9	M	24	5	M	M	
6229	WI049	35.8112	77.9185	5.1	165	8.2	60	73	6000	217	5300	440	500	2.5	10000	30	11.3	M	124	11	10.3	0.6	
6230	WI050	35.8071	77.9621	5.5	110	7.3	22	142	9500	80	12700	480	200	4.8	22800	50	5.0	-1.5	41	7	3.7	0.9	
6231	WI051	35.8029	77.9359	6.0	51	46.4	264	1001	15200	782	27300	1360	500	8.0	56100	110	11.2	M	427	40	30.7	5.3	
6232	WI052	35.7862	77.9491	5.2	60	2.9	4	20	11600	-26	-5000	100	400	1.8	4100	20	1.5	2.2	17	3	M	M	
6233	WI053	35.7515	77.9596	6.0	360	1.9	6	20	4800	-20	-5000	130	200	M	4700	10	1.2	-1.0	9	2	M	M	
6244	WI064	35.7124	77.9955	6.7	61	6.0	25	107	29900	76	-5700	660	5800	16.4	31300	100	6.5	-1.2	31	5	7.7	0.9	
6584	WY008	35.5193	77.8792	5.9	99	3.5	16	46	M	72	11500	M	M	2.7	M	M	M	-1.0	34	M	2.8	0.7	
6585	WY009	35.5511	77.8287	6.3	70	4.5	18	60	13100	75	20500	320	400	3.4	14100	40	7.1	2.4	36	4	4.9	1.0	
6586	WY010	35.5685	77.8802	6.3	48	3.6	13	46	8600	51	8300	220	400	4.2	8500	20	2.9	-1.0	28	4	3.6	0.5	
6587	WY011	35.5475	77.9148	6.5	102	3.6	11	15	45400	52	28600	180	700	4.6	8400	70	3.6	2.2	27	4	M	0.5	
6588	WY012	35.5838	77.9761	6.7	70	7.2	36	127	22000	114	21900	460	800	2.8	19100	60	4.9	-1.0	64	1	5.9	1.1	
6593	WY017	35.5124	77.9824	6.7	80	2.0	7	24	8900	29	7500	90	100	2.1	6400	20	M	M	11	M	2.7	0.3	

ROCKY MOUNT 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
2784	NA023	35.8207	77.9965	1.8	-0.1	2	10	1	-100	-5	9	2	1000	6	950	-2	50	-5	800	20	-1	-5	.	-2	15	5
2813	NA052	35.8961	77.9915	1.7	-0.1	1	7	0.5	-100	-5	8	4	1000	6	850	-2	15	-5	900	15	1	-5	.	2	-5	5
2814	NA053	35.9046	77.9954	0.3	-0.1	4	12	1.5	100	-5	5	4	-1000	6	1100	2	5	-5	800	12	-1	5	.	3	10	5
2815	NA054	35.9463	77.9596	1.5	0.1	2	22	1	100	5	-5	9	2000	20	2200	5	-5	5	1500	25	1	-5	.	3	5	55
2835	NA074	35.9977	77.9433	0.3	-0.1		7	0.5	100	-5	9	4	-1000	6	450	6	20	-5	700	22	1	5	.	2	5	5
2836	NA075	35.9825	77.9628	1.0	-0.1	5	7	1.5	300	-5	10	7	7000	10	950	-2	15	5	1000	30	2	-5	.	-2	15	15
2837	NA076	35.9614	77.8980	0.6	-0.1	7	7	0.5	-100	-5	-5	5	-1000	8	1200	3	-5	-5	700	25	-1	10	.	-2	-5	7
2838	NA077	35.9262	77.8792	0.3	-0.1	3	7	1	-100	-5	10	5	-1000	5	350	2	80	-5	900	17	-1	-5	.	-2	-5	5
2839	NA078	35.8950	77.8572	0.3	-0.1	9	12	0.5	100	-5	-5	5	4000	8	2550	3	-5	-5	1100	10	-1	-5	.	-2	10	10
2840	NA079	35.8461	77.8531	0.3	0.1	4	7	0.5	200	-5	-5	8	-1000	5	300	-2	-5	5	1100	10	2	-5	.	-2	5	22
2841	NA080	35.8595	77.9648	0.7	0.1		17	0.5	-100	-5	6	8	-1000	6	350	2	-5	-5	600	-10	-1	-5	.	-2	5	5
2842	NA081	35.9434	77.8717	0.6	-0.1	1	5	0.5	100	-5	25	4	-1000	8	1700	3	5	-5	900	22	-1	10	.	-2	5	22
2843	NA082	35.9373	77.8576	1.1	0.1		-5	0.5	100	-5	33	-2	1000	7	1700	-2	-5	-5	900	32	-1	5	.	2	-5	15
2844	NA083	35.9902	77.8615	1.2	0.2		-5	1	-100	-5	20	-2	12000	9	550	2	-5	-5	900	12	1	-5	.	-2	15	12
2845	NA084	35.9826	77.8216	1.3	0.1	1	-5	0.5	-100	-5	12	-2	2000	8	800	2	10	-5	700	12	-1	-5	.	-2	-5	7
2846	NA085	35.9815	77.8010	1.2	-0.1		-5	-0.5	-100	-5	23	-2	1000	10	1000	-2	25	-5	800	27	-1	-5	.	2	10	10
2854	NA093	35.9935	77.8955	1.2	0.1		-5	0.5	100	-5	25	2	1000	6	1350	4	75	-5	900	15	-1	-5	.	2	15	15
2859	NA098	35.9996	77.7878	1.2	0.1	2	-5	-0.5	-100	5	19	3	1000	7	850	-2	-5	-5	700	22	-1	-5	.	2	65	7
2860	NA099	35.9505	77.9424	1.4	-0.1	1	-5	-0.5	100	-5	19	3	-1000	6	950	-2	50	-5	600	12	-1	-5	.	-2	20	12

ROCKY MOUNT 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

ROCKY MOUNT 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
4135	WI005	35.6204	77.9941	1.1	0.1	2	15	0.5	-100	-5	5	3	1000	29	800	-2	15	-5	900	12	-1	-5	.	-2	-5	5
4136	WI006	35.6069	77.9526	0.4	0.1	1	7	0.5	-100	-5	7	4	1000	19	500	-2	10	-5	700	12	2	5	.	-2	-5	7
4137	WI007	35.5857	77.9329	0.3	0.1	0	5	-0.5	-100	-5	-5	4	-1000	10	350	-2	15	-5	700	12	1	-5	.	-2	5	7
4138	WI008	35.6134	77.9215	0.3	-0.1	1	7	-0.5	-100	5	6	2	-1000	15	450	3	15	-5	900	17	2	-5	.	-2	20	7
4139	WI009	35.5910	77.8907	0.3	0.1	1	5	-0.5	-100	-5	7	4	-1000	10	400	2	20	5	700	-10	2	-5	.	-2	-5	7
4140	WI010	35.5966	77.8741	0.3	-0.1	0	5	-0.5	100	-5	5	6	1000	8	700	-2	40	5	700	14	-1	-5	.	-2	10	14
4141	WI011	35.5913	77.8445	0.4	-0.1	1	5	0.5	-100	-5	-5	2	1000	10	400	-2	25	-5	700	-10	-1	-5	.	-2	5	5
4142	WI012	35.5950	77.7967	0.3	-0.1	1	7	-0.5	-100	-5	5	2	1000	12	350	2	25	-5	600	10	2	-5	.	-2	10	10
4144	WI014	35.6422	77.9299	0.3	-0.1	2	5	0.5	100	-5	5	7	-1000	15	550	-2	25	6	1000	22	-1	-5	.	-2	-5	17
4145	WI015	35.6449	77.9718	0.3	0.1	1	7	-0.5	-100	-5	-5	2	-1000	12	350	-2	100	-5	900	22	3	-5	.	-2	20	10
4150	WI020	35.6625	77.9960	.	0.2	0	7	0.5	-100	12	-5	-2	1000	18	950	-2	40	-5	900	25	1	10	.	-2	-5	7
4151	WI021	35.6474	77.8888	0.3	0.4	0	10	0.5	-100	12	8	4	4000	16	1300	-2	15	-5	1000	27	-1	-5	.	-2	-5	20
4152	WI022	35.6539	77.8516	0.3	0.2	0	7	-0.5	-100	5	-5	-2	-1000	10	250	-2	10	-5	800	-10	2	-5	.	-2	10	-5
4153	WI023	35.6430	77.8097	0.3	0.2	0	7	-0.5	-100	7	-5	-2	-1000	10	200	-2	5	-5	700	-10	1	10	.	-2	5	-5
4154	WI024	35.6296	77.7999	0.9	0.2	0	7	-0.5	-100	5	7	-2	-1000	17	400	-2	15	-5	700	10	2	-5	.	-2	5	5
4155	WI025	35.6374	77.7549	0.3	0.2	0	10	-0.5	-100	12	-5	-2	-1000	10	600	-2	5	-5	700	-10	-1	-5	.	-2	15	-5
4156	WI026	35.6674	77.7222	0.9	0.3	0	10	-0.5	-100	10	6	-2	-1000	16	600	-2	10	-5	900	-10	2	-5	.	-2	10	5
4157	WI027	35.6505	77.7068	0.3	0.2	0	7	-0.5	-100	5	5	-2	1000	11	450	2	10	-5	700	-10	-1	10	.	-2	-5	-5
4158	WI028	35.6834	77.7616	0.3	0.2	0	10	-0.5	-100	7	-5	-2	-1000	10	500	2	10	-5	700	-10	3	5	.	-2	5	-5
4159	WI029	35.7055	77.7577	1.0	0.2	0	8	0.5	-100	7	5	3	1000	11	750	7	20	-5	900	30	-1	-5	.	-2	15	10
4160	WI030	35.6779	77.7867	0.3	0.2	0	7	-0.5	-100	-5	-5	3	-1000	9	200	7	-5	-5	700	10	1	-5	.	-2	15	7
4161	WI031	35.7055	77.7902	0.3	0.1	0	10	-0.5	-100	-5	5	-2	2000	12	200	-2	10	-5	700	-10	1	-5	.	-2	5	-5
4162	WI032	35.6979	77.8168	0.3	0.2	0	5	-0.5	-100	-5	7	-2	-1000	12	250	2	10	-5	700	-10	1	-5	.	-2	10	-5
4163	WI033	35.6818	77.8243	0.3	0.3	0	7	0.5	-100	-5	6	-2	-1000	10	500	-2	5	-5	700	-10	-1	-5	.	-2	-5	-5
4164	WI034	35.7715	77.7486	0.3	0.4	0	10	0.5	-100	-5	-5	2	2000	20	600	-2	10	-5	1000	12	2	-5	.	-2	5	15
4165	WI035	35.7601	77.7809	0.3	0.2	1	7	-0.5	-100	7	-5	-2	-1000	10	200	-2	10	-5	800	-10	1	5	.	-2	-5	5
4166	WI036	35.7481	77.8145	0.3	0.2	0	5	-0.5	-100	-5	-5	-2	1000	8	200	-2	15	-5	900	10	2	-5	.	-2	10	7
4167	WI037	35.7422	77.8911	0.3	0.2	0	10	-0.5	-100	-5	-5	-2	3000	14	500	-2	15	-5	800	10	-1	-5	.	-2	10	10
4168	WI038	35.7597	77.8602	0.3	0.3	0	27	-0.5	-100	12	6	-2	2000	13	500	-2	-5	-5	800	12	2	-5	.	-2	-5	30
4169	WI039	35.7794	77.8753	0.3	0.3	0	12	0.5	-100	-5	-5	2	5000	9	700	-2	5	-5	700	10	1	-5	.	-2	-5	7
4170	WI040	35.7737	77.8326	0.6	0.1	0	10	-0.5	-100	-5	-5	-2	3000	7	450	-2	10	-5	800	10	1	-5	.	-2	10	-5
4171	WI041	35.7918	77.8452	1.0	0.2	0	7	-0.5	-100	-5	6	3	1000	9	300	-2	15	-5	1000	15	1	-5	.	2	10	7
4172	WI042	35.8167	77.7890	0.3	0.2	0	10	-0.5	-100	7	5	-2	-1000	9	450	-2	10	-5	800	-10	2	-5	.	-2	-5	-5

ROCKY MOUNT 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
4173	WI043	35.8161	77.7495	0.3	0.3	0	7	0.5	100	7	-5	2	2000	19	500	-2	10	-5	1000	12	1	-5	.	-2	5	12
4174	WI044	35.8510	77.8064	0.3	0.2	0	5	-0.5	-100	5	5	-2	2000	10	800	-2	5	-5	800	27	-1	-5	.	-2	5	7
4175	WI045	35.8386	77.8361	0.3	0.3	0	7	0.5	100	10	5	3	6000	15	1950	-2	15	-5	700	-10	2	5	.	-2	-5	10
4176	WI046	35.8218	77.8394	0.3	0.3	0	70	0.5	-100	7	5	2	17000	14	1000	2	10	-5	900	20	2	10	.	-2	-5	30
4177	WI047	35.8170	77.8686	0.6	0.3	0	7	-0.5	-100	12	-5	2	2000	10	700	2	5	-5	900	10	1	-5	.	-2	10	5
4178	WI048	35.8344	77.8874	0.6	0.2	0	7	-0.5	-100	5	-5	3	1000	9	600	2	10	-5	800	15	2	-5	.	-2	-5	10
4179	WI049	35.8112	77.9185	1.9	0.1	0	10	-0.5	-100	7	-5	-2	-1000	5	200	-2	15	-5	800	10	-1	5	.	-2	5	-5
4180	WI050	35.8071	77.9621	0.6	0.3	0	10	-0.5	-100	10	-5	-2	-1000	6	900	-2	75	-5	700	17	1	-5	.	-2	-5	-5
4181	WI051	35.8029	77.9359	1.7	0.1	0	12	0.5	-100	10	-5	-2	1000	11	1350	-2	100	-5	1100	35	1	10	.	-2	-5	5
4182	WI052	35.7862	77.9491	0.3	0.3	0	7	-0.5	-100	7	-5	3	1000	10	750	-2	5	-5	800	40	1	5	.	-2	5	12
4183	WI053	35.7515	77.9596	0.3	0.2	0	7	-0.5	-100	7	-5	2	-1000	8	300	3	10	-5	700	-10	-1	-5	.	2	-5	-5
4194	WI064	35.7124	77.9955	0.6	0.3	1	7	0.5	-100	-5	5	-2	-1000	6	350	2	25	-5	700	10	-1	10	.	-2	-5	-5
4517	WY008	35.5193	77.8792	-0.1	-0.1	1	7	0.5	-100	5	97	3	3000	10	750	-2	10	-5	3300	-10	2	-5	.	-2	-5	7
4518	WY009	35.5511	77.8287	-0.1	0.1	2	7	0.5	-100	5	14	2	2000	10	800	-2	15	5	900	-10	2	-5	.	-2	-5	7
4519	WY010	35.5685	77.8802	-0.1	-0.1		12	0.5	-100	-5	15	2	2000	9	900	2	5	-5	600	-10	2	-5	.	-2	5	5
4520	WY011	35.5475	77.9148	-0.1	0.3	4	7	1	100	7	8	8	4000	21	2350	-2	10	50	1200	27	3	5	.	-2	-5	47
4521	WY012	35.5838	77.9761	-0.1	0.1	2	20	0.5	-100	-5	25	4	1000	13	1250	-2	15	5	900	17	2	-5	.	-2	-5	25
4526	WY017	35.5124	77.9824	-0.1	-0.1	2	7	0.5	-100	-5	7	3	10000	9	650	-2	5	-5	600	-10	1	-5	.	-2	-5	7

ROCKY MOUNT 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 x 1000	Al ppb	Dy ppb
221	BE501	35.5979	77.1018	7.7	350	0.017	29	6400	408	7090	16	23850	-0.1	0.0	178	-0.001
222	BE502	35.6246	77.1220	5.0	130	0.168	.	10900	39	6200	65	20200	-0.1	1.2	246	0.020
223	BE503	35.6533	77.1496	7.6	475	0.025	.	5300	368	13320	24	38370	0.3	0.0	104	-0.001
224	BE504	35.6968	77.1662	8.0	600	0.020	104	20900	745	12270	63	107380	0.8	0.0	61	-0.001
225	BE505	35.7190	77.1676	8.3	580	0.015	97	9700	998	2360	67	105600	-0.1	0.0	159	-0.001
226	BE506	35.6768	77.1158	7.2	400	0.010	.	4300	173	4310	104	21800	0.3	0.0	46	-0.001
227	BE507	35.6562	77.0891	6.4	115	0.004	.	4600	.	1280	100	17000	-0.1	0.0	41	-0.001
228	BE508	35.6796	77.0591	7.3	390	-0.002	.	4400	151	11910	41	20400	-0.1	0.0	68	-0.001
229	BE509	35.6461	77.0272	7.4	490	0.003	31	8600	278	8860	43	30490	-0.1	0.0	109	-0.001
230	BE510	35.6323	77.0648	7.4	370	-0.002	17	5500	100	3110	66	20690	-0.1	0.0	72	-0.001
231	BE511	35.5734	77.0640	7.2	450	0.007	.	10100	221	6710	.	27410	-0.1	0.0	59	-0.001
232	BE512	35.5962	77.0288	7.1	480	0.012	15	5000	274	11530	28	19890	-0.1	0.0	150	-0.001
233	BE513	35.6314	77.0032	7.2	470	0.016	.	5400	241	15480	30	22080	-0.1	0.0	86	-0.001
235	BE515	35.5530	77.0199	7.5	850	-0.002	181	58900	456	15070	62	98560	-0.1	0.0	284	-0.001
237	BE517	35.5228	77.0064	7.4	260	0.009	31	4900	67	.	65	15510	-0.1	0.0	155	-0.001
297	BE577	35.5255	77.0732	7.5	260	0.030	.	7400	161	1790	91	14360	-0.1	0.1	36	-0.001
299	BE579	35.5240	77.1329	5.8	180	0.192	66	17100	69	2680	63	19560	-0.1	1.0	820	0.030
300	BE580	35.5002	77.1616	7.1	360	0.028	36	5700	155	2510	113	16200	-0.1	0.0	106	-0.001
587	BR501	35.9416	77.0199	6.4	200	-0.002	210	20100	.	.	77	23590	-0.1	0.0	131	-0.001
588	BR502	35.9692	77.0410	6.5	550	0.023	.	61600	.	.	77	77940	-0.1	0.0	247	-0.001
589	BR503	35.9575	77.0699	6.0	250	0.002	.	15600	.	6670	29	15760	-0.1	0.0	125	-0.001
590	BR504	35.9810	77.0953	6.3	110	-0.002	.	15400	.	1510	44	19150	-0.1	0.0	118	-0.001
644	BR558	35.9092	77.0078	5.4	225	-0.002	53	14500	.	3190	39	13610	-0.1	0.0	137	-0.001
1903	ED501	35.9977	77.4871	8.0	72	0.037	.	7900	64	.	66	12900	-0.1	0.5	72	-0.001
1911	ED509	35.9274	77.5728	6.9	180	0.006	.	7100	132	1800	117	12700	-0.1	0.0	51	-0.001
1912	ED510	35.9331	77.6446	6.4	184	0.018	.	4800	83	1040	130	15510	-0.1	0.1	53	-0.001
1913	ED511	35.9629	77.6563	5.8	238	0.026	67	12800	49	4810	224	12600	2.5	0.1	139	-0.001
1914	ED512	35.9807	77.5249	5.8	205	0.008	18	15000	.	3930	92	11340	0.4	0.0	203	-0.001
1915	ED513	35.9670	77.4974	7.1	215	0.199	.	6000	49	1340	168	16020	0.6	0.9	73	-0.001
1916	ED514	35.9563	77.4250	4.8	197	0.015	35	30900	.	.	93	28480	-0.1	0.0	231	0.070
1917	ED515	35.9322	77.4062	4.6	195	0.196	225	23500	72	4420	117	16500	-0.1	1.0	1054	0.070
1918	ED516	35.9067	77.3737	4.8	99	0.034	43	9200	34	.	77	17050	0.4	0.3	146	-0.001
1919	ED517	35.8696	77.3781	5.0	224	0.037	22	25300	.	3470	125	22830	-0.1	0.1	244	0.070
1920	ED518	35.8436	77.4076	5.8	72	0.007	20	7000	82	2640	92	13350	-0.1	0.1	78	-0.001
1921	ED519	35.8259	77.4311	5.4	100	0.011	46	10300	.	2940	76	11240	-0.1	0.1	217	0.010
1922	ED520	35.8789	77.4604	4.7	212	0.059	36	21900	108	.	75	23930	-0.1	0.2	835	0.120
1923	ED521	35.9101	77.4828	4.7	220	0.152	42	18700	127	6730	133	12740	-0.1	0.6	624	0.030
1924	ED522	35.9046	77.4245	5.4	150	0.063	94	30200	.	.	66	27310	-0.1	0.4	104	-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 x 1000	Al ppb	Dy ppb
1925	ED523	35.8812	77.4103	6.0	110	0.031	45	7800	15	.	61	13400	0.4	0.2	109	-0.001
1926	ED524	35.8638	77.4348	5.1	200	0.108	43	9500	63	1960	80	9890	-0.1	0.5	886	0.070
1927	ED525	35.8396	77.4691	4.8	100	0.018	.	10400	.	.	65	10030	4.2	0.1	173	-0.001
1928	ED526	35.8448	77.4910	6.7	230	0.016	88	14500	328	.	75	59200	-0.1	0.0	68	-0.001
1929	ED527	35.8070	77.4855	5.4	202	0.036	.	15300	152	.	97	12970	2.4	0.1	648	-0.001
1930	ED528	35.7947	77.5248	4.9	110	0.015	23	4600	32	2060	62	10670	-0.1	0.1	125	0.020
1931	ED529	35.8147	77.5402	5.8	100	0.073	16	4000	26	1260	60	10770	3.8	0.7	163	-0.001
1932	ED530	35.8411	77.5317	6.6	185	0.070	.	3500	115	2970	95	12140	0.7	0.3	258	0.010
1933	ED531	35.7838	77.5625	6.4	160	0.024	43	5800	87	.	59	13210	0.8	0.1	102	-0.001
1934	ED532	35.7550	77.5527	4.9	48	0.008	.	6800	27	1910	76	10780	-0.1	0.1	217	-0.001
1935	ED533	35.7585	77.6110	5.4	38	0.022	52	7300	21	.	61	11510	-0.1	0.5	124	-0.001
1936	ED534	35.7204	77.6039	5.5	92	0.055	33	12500	30	2420	80	17860	-0.1	0.6	124	0.030
1937	ED535	35.7371	77.5719	4.5	362	0.076	44	51600	.	.	64	42840	0.7	0.2	585	0.060
1938	ED536	35.7440	77.6389	5.2	115	0.019	25	11900	40	2800	59	14300	-0.1	0.1	147	0.020
1939	ED537	35.7162	77.6634	5.6	90	0.036	105	10500	.	1580	56	15020	-0.1	0.4	87	-0.001
1940	ED538	35.6908	77.6375	5.8	51	0.007	55	5500	.	.	67	11020	-0.1	0.1	72	-0.001
1941	ED539	35.7406	77.6867	5.7	72	0.029	68	7700	27	.	50	13290	-0.1	0.4	63	-0.001
1942	ED540	35.7698	77.7116	4.4	241	0.105	39	48400	58	2790	69	40360	-0.1	0.4	787	0.080
1943	ED541	35.7966	77.6936	4.4	89	0.082	42	14400	.	2360	58	15800	-0.1	0.9	159	0.010
1944	ED542	35.8143	77.7251	5.2	91	0.064	30	13800	34	.	55	16010	-0.1	0.7	261	0.040
1945	ED543	35.8452	77.6885	4.9	40	0.053	54	6000	14	2180	58	11610	-0.1	1.3	222	0.030
1946	ED544	35.8108	77.6586	5.4	120	0.157	.	8000	29	2960	78	14980	-0.1	1.3	130	0.060
1947	ED545	35.8591	77.6030	6.1	108	0.031	26	3000	167	.	91	12240	0.6	0.2	92	-0.001
1948	ED546	35.8663	77.5582	4.7	82	0.236	15	6100	81	.	68	10270	-0.1	2.8	608	-0.001
1949	ED547	35.8414	77.5673	6.5	100	0.039	80	4200	45	.	65	10730	-0.1	0.3	68	-0.001
1950	ED548	35.8090	77.6005	6.2	37	0.023	29	4900	43	.	63	10330	-0.1	0.6	46	-0.001
1951	ED549	35.7724	77.6622	5.5	108	0.044	69	10000	.	.	60	17830	-0.1	0.4	139	-0.001
1952	ED550	35.8509	77.6375	6.2	370	0.031	.	21100	.	1690	64	34110	0.6	0.0	199	-0.001
1953	ED551	35.8626	77.6752	4.3	252	0.311	17	17000	164	8560	110	15440	-0.1	1.2	4022	0.730
1954	ED552	35.8679	77.7288	4.8	162	0.063	22	27800	23	.	64	24470	-0.1	0.3	323	0.040
1955	ED553	35.8860	77.7498	7.4	350	-0.002	23	4200	562	9500	98	52150	-0.1	0.0	229	-0.001
1956	ED554	35.8428	77.7562	7.1	284	0.038	12	6400	202	2560	90	13310	0.7	0.1	247	-0.001
1957	ED555	35.8582	77.7877	5.5	100	0.072	28	13600	.	2830	68	16280	-0.1	0.7	194	-0.001
1958	ED556	35.8891	77.8099	5.9	82	0.038	.	8700	29	.	63	14490	-0.1	0.4	198	-0.001
1959	ED557	35.8978	77.6927	4.8	99	0.033	.	10200	37	2940	95	12910	-0.1	0.3	483	0.010
1960	ED558	35.9118	77.7212	7.3	222	0.236	.	3600	509	12220	167	37750	-0.1	1.0	183	-0.001
1961	ED559	35.9133	77.6679	6.1	118	0.037	40	22700	38	.	72	20780	-0.1	0.3	283	-0.001
1962	ED560	35.9332	77.6890	6.6	98	0.039	.	3800	353	1000	84	11710	1.0	0.4	185	-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 x 1000	Al ppb	Dy ppb
1963	ED561	35.9571	77.7253	6.2	241	0.002	56	13800	.	3300	803	17090	-0.1	0.0	151	-0.001
1967	ED565	35.9968	77.6656	5.6	180	0.450	20	14500	221	6600	145	14530	-0.1	2.5	594	0.330
1974	ED572	35.9271	77.5223	5.5	160	0.055	.	8300	46	.	128	14080	1.0	0.3	296	-0.001
1975	ED573	35.9725	77.5481	6.0	87	0.055	.	7900	71	.	105	19090	-0.1	0.6	99	-0.001
1977	ED575	35.9287	77.4631	4.8	230	0.044	69	10600	58	2850	137	12950	-0.1	0.1	1092	0.170
1978	ED576	35.8874	77.5111	7.1	195	0.003	.	9200	88	5290	188	34170	-0.1	0.0	123	-0.001
1979	ED577	35.8831	77.5671	6.4	61	0.016	.	6300	.	1510	108	15940	-0.1	0.2	132	-0.001
1980	ED578	35.9074	77.5962	4.8	88	0.056	.	8100	27	1130	97	16620	-0.1	0.6	321	0.030
1981	ED579	35.8844	77.6323	6.1	216	0.053	25	24300	.	5350	103	27740	0.4	0.2	119	-0.001
1982	ED580	35.9827	77.6393	5.9	108	0.008	.	11000	43	.	34	12090	-0.1	0.0	24	-0.001
2121	GE512	35.5070	77.5239	7.1	310	0.006	.	6900	313	6870	46	45030	-0.1	0.0	129	-0.001
2122	GE513	35.5218	77.5513	8.1	340	0.032	.	7200	337	.	24	62960	-0.1	0.0	175	-0.001
2123	GE514	35.5064	77.6363	7.0	90	-0.002	.	3600	467	.	58	13450	-0.1	0.0	134	-0.001
2124	GE515	35.5319	77.6103	7.6	290	-0.002	20	5800	196	.	32	61790	-0.1	0.0	126	-0.001
2125	GE516	35.5574	77.6402	7.0	100	-0.002	260	4100	364	.	52	16010	-0.1	0.0	147	-0.001
2126	GE517	35.5342	77.6804	6.7	150	0.003	.	4200	533	.	90	14550	-0.1	0.0	162	-0.001
2127	GE518	35.5623	77.7010	6.8	90	-0.002	15	4000	263	1100	65	15160	-0.1	0.0	151	-0.001
2128	GE519	35.5848	77.7194	5.7	90	0.023	.	8900	.	2500	37	16450	-0.1	0.2	159	-0.001
2129	GE520	35.6058	77.7573	4.7	480	0.189	.	47200	.	6920	.	37320	-0.1	0.3	1326	0.040
2130	GE521	35.6269	77.7275	5.0	100	0.083	.	12100	.	.	47	18980	-0.1	0.8	265	0.020
2131	GE523	35.5842	77.6632	6.9	180	0.007	.	4400	229	1830	88	16500	-0.1	0.0	180	-0.001
2132	GE524	35.5056	77.6971	8.0	370	0.028	.	8700	259	.	63	62290	-0.1	0.0	166	-0.001
2139	GE531	35.5363	77.7307	6.8	90	-0.002	.	4500	467	.	70	9750	0.3	0.0	150	-0.001
2140	GE532	35.5515	77.7557	7.3	290	-0.002	20	10400	143	5370	126	33450	-0.1	0.0	123	-0.001
2141	GE533	35.5820	77.7810	5.3	280	0.021	.	19700	50	.	117	17270	-0.1	0.0	426	-0.001
2142	GE534	35.5596	77.8097	4.6	150	0.150	27	16200	46	.	64	11760	-0.1	1.0	1458	-0.001
2143	GE535	35.5320	77.7870	5.7	140	0.012	66	16400	.	1020	64	14010	-0.1	0.0	403	-0.001
2144	GE536	35.5094	77.7542	5.0	260	-0.002	68	14400	38	2250	92	15360	-0.1	0.0	783	-0.001
2145	GE537	35.5108	77.8090	6.5	220	0.004	48	26600	31	1160	57	18220	-0.1	0.0	207	-0.001
3453	MR501	35.8335	77.0407	8.4	700	-0.002	.	27800	2488	.	40	144540	-0.1	0.0	320	-0.001
3467	MR515	35.7106	77.0220	6.7	310	0.017	.	4700	144	4120	.	19110	-0.1	0.0	191	-0.001
3468	MR516	35.7046	77.0682	5.7	160	0.052	51	14700	23	.	37	16560	-0.1	0.3	262	0.010
3469	MR517	35.7613	77.0727	8.4	630	0.007	.	6900	2248	.	.	110600	-0.1	0.0	131	0.020
3470	MR518	35.7378	77.0412	7.5	430	0.013	.	4300	303	10380	29	25460	-0.1	0.0	181	-0.001
3471	MR519	35.7551	77.0158	7.8	400	0.009	.	4100	469	11290	18	46270	-0.1	0.0	158	-0.001
3473	MR521	35.8008	77.0128	7.8	550	0.003	.	6800	963	7160	.	81900	-0.1	0.0	211	-0.001
3474	MR522	35.7793	77.0490	7.9	270	-0.002	12	3400	366	6410	.	27860	-0.1	0.0	124	-0.001
3475	MR523	35.7740	77.1032	8.3	580	-0.002	.	3100	900	.	14	52580	-0.1	0.0	70	-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 x 1000	Al ppb	Dy ppb
3476	MR524	35.7529	77.1384	5.2	100	0.222	59	8500	112	.	38	21340	-0.1	2.2	360	-0.001
3477	MR525	35.8049	77.1352	5.5	143	0.165	25	18900	.	.	42	25040	-0.1	1.1	351	0.040
3478	MR526	35.7573	77.1917	8.0	900	0.086	.	17700	2416	8880	.	180040	-0.1	0.1	379	-0.001
3479	MR527	35.7838	77.1624	6.6	198	0.132	42	6400	244	1900	40	25930	-0.1	0.6	208	-0.001
3480	MR528	35.8319	77.0979	5.5	168	0.116	39	17800	51	.	37	27130	-0.1	0.6	458	0.050
3481	MR529	35.8476	77.1365	6.2	134	0.029	.	8600	16	.	32	17660	-0.1	0.2	175	-0.001
3482	MR530	35.8271	77.1580	5.8	560	0.128	.	117700	.	.	98	99340	-0.1	0.2	323	0.040
3483	MR531	35.8041	77.1800	6.4	191	0.018	.	12300	.	1500	37	22730	-0.1	0.0	179	-0.001
3484	MR532	35.7900	77.2244	5.3	98	0.022	.	11700	.	1520	36	19470	-0.1	0.2	277	-0.001
3485	MR533	35.8093	77.2425	5.8	298	0.043	49	42900	.	.	47	41910	-0.1	0.1	233	-0.001
3486	MR534	35.8118	77.3076	5.6	163	0.049	.	14200	40	1620	38	22070	0.6	0.3	229	-0.001
3487	MR535	35.8747	77.3353	4.3	170	0.277	.	14300	88	2170	56	17180	-0.1	1.6	1383	0.260
3488	MR536	35.9037	77.3127	6.3	151	0.022	.	3900	174	1000	82	17490	-0.1	0.1	177	-0.001
3489	MR537	35.9412	77.3397	5.9	188	0.062	.	7700	66	1500	84	19620	-0.1	0.3	217	-0.001
3490	MR538	35.9612	77.3584	5.0	350	0.137	140	34700	81	2210	83	39650	-0.1	0.3	683	0.130
3491	MR539	35.9796	77.3804	6.5	300	0.009	.	5200	110	4050	27	50260	-0.1	0.0	170	-0.001
3492	MR540	35.9848	77.3340	6.4	225	0.038	503	13300	.	3580	54	20990	-0.1	0.1	184	-0.001
3497	MR545	35.9468	77.2973	6.5	238	0.042	.	19200	65	3290	48	16280	0.7	0.1	247	-0.001
3498	MR546	35.9266	77.2768	7.4	510	-0.002	338	5200	378	6450	.	87880	-0.1	0.0	324	-0.001
3499	MR547	35.9088	77.2539	4.8	460	0.659	27	55100	.	.	120	37500	-0.1	1.4	1442	0.160
3500	MR548	35.8831	77.2687	5.7	71	0.018	33	9200	37	2240	31	16600	-0.1	0.2	211	0.010
3501	MR549	35.8395	77.2731	7.0	480	0.057	.	2700	349	11050	.	43620	-0.1	0.1	193	-0.001
3502	MR550	35.8255	77.2223	6.3	70	0.009	155	8600	27	.	30	20110	-0.1	0.1	191	-0.001
3503	MR551	35.8605	77.2422	7.1	335	0.037	.	4000	203	8810	45	20160	-0.1	0.1	192	-0.001
3504	MR552	35.8836	77.2157	7.5	280	0.025	29	3800	81	4150	88	17950	-0.1	0.0	193	-0.001
3505	MR553	35.8996	77.1965	7.7	305	0.011	25	3400	363	3570	23	50160	-0.1	0.0	151	-0.001
3506	MR554	35.8502	77.1963	6.0	220	0.066	95	14800	72	.	58	18380	-0.1	0.3	287	0.020
3507	MR555	35.7336	77.1095	6.2	80	0.006	15	4600	55	.	41	16400	-0.1	0.0	161	-0.001
3508	MR556	35.8653	77.0741	8.3	460	-0.002	.	3500	1421	.	.	90120	-0.1	0.0	151	-0.001
3509	MR557	35.8782	77.1068	5.6	230	0.329	40	10000	235	3060	21	18790	-0.1	1.4	651	0.250
3510	MR558	35.8829	77.1557	4.6	245	0.305	82	15000	244	3730	63	17310	-0.1	1.2	1324	0.070
3511	MR559	35.9093	77.1477	6.1	170	0.044	29	6000	48	4730	80	18440	-0.1	0.2	223	0.030
3512	MR560	35.9291	77.1622	7.7	455	0.024	23	13200	497	.	.	86630	-0.1	0.0	207	-0.001
3513	MR561	35.9311	77.2075	6.9	165	0.059	40	11200	57	.	24	18770	-0.1	0.3	141	-0.001
3514	MR562	35.9566	77.2411	7.0	140	0.002	12	5300	112	.	53	17400	-0.1	0.0	150	-0.001
3515	MR563	35.9761	77.2786	5.7	120	0.035	.	22300	.	.	34	24730	-0.1	0.2	131	-0.001
3516	MR564	35.9998	77.2457	7.2	370	0.041	.	2900	376	10740	52	41970	-0.1	0.1	102	-0.001
3517	MR565	35.9736	77.2271	5.7	170	0.077	.	13000	79	2240	88	18770	-0.1	0.4	207	0.030

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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 x 1000	Al ppb	Dy ppb
3534	NA501	35.9529	77.9478	7.0	82	-0.002	8	4800	31	.	61	5290	-0.1	0.0	30	-0.001
3535	NA502	35.9110	77.9614	6.6	78	-0.002	12	5900	.	.	59	4530	0.5	0.0	38	-0.001
3536	NA503	35.9189	77.9003	6.7	89	0.007	.	5100	19	.	46	5240	3.4	0.0	41	-0.001
3537	NA504	35.9616	77.8987	6.6	352	0.016	27	37700	.	.	107	18030	0.4	0.0	43	-0.001
3539	NA506	35.9986	77.8364	4.9	40	-0.002	41	6800	.	.	56	4920	-0.1	0.0	60	-0.001
3540	NA507	35.8779	77.8538	5.8	165	0.029	.	18100	.	.	63	9800	-0.1	0.1	63	0.080
3541	NA508	35.8749	77.9010	8.5	300	-0.002	.	32600	.	.	42	22970	-0.1	0.0	85	0.070
3542	NA509	35.8716	77.9717	4.6	110	0.075	45	13100	.	.	59	6970	-0.1	0.6	331	-0.001
3571	NA538	35.9662	77.8684	5.9	182	0.012	6	9900	.	.	27	5880	-0.1	0.0	38	-0.001
3572	NA539	35.9039	77.8490	5.9	95	-0.002	.	9900	.	.	23	5780	-0.1	0.0	98	0.040
3573	NA540	35.9747	77.7973	7.5	410	-0.002	.	10800	.	.	38	5540	0.3	0.0	42	0.040
3574	NA541	35.8296	77.9507	8.8	210	-0.002	.	11400	.	.	.	6120	-0.1	0.0	87	-0.001
3994	PI501	35.6462	77.4641	6.5	72	0.153	.	10700	33	3880	91	14500	-0.1	2.1	412	0.040
3995	PI502	35.6737	77.4888	6.2	108	0.051	92	8400	40	.	80	16030	0.4	0.4	196	-0.001
3996	PI503	35.7014	77.5185	6.5	196	0.055	63	13500	48	.	83	18090	0.6	0.2	801	0.010
3997	PI504	35.7171	77.5325	6.3	80	0.046	37	8500	54	1730	69	15360	-0.1	0.5	436	-0.001
3998	PI505	35.7015	77.5723	6.3	150	0.042	123	20100	.	3520	83	19270	-0.1	0.2	262	0.080
3999	PI506	35.6794	77.6014	4.9	242	-0.002	199	17100	170	3280	90	15180	0.6	0.0	1422	0.420
4000	PI507	35.6711	77.6581	5.6	46	0.011	83	9700	.	.	42	16410	-0.1	0.2	326	0.030
4001	PI508	35.6575	77.6825	5.9	258	0.014	144	38200	.	2310	93	31360	-0.1	0.0	183	0.040
4002	PI509	35.6330	77.6593	6.0	45	0.010	104	9600	.	.	113	16620	-0.1	0.2	190	-0.001
4003	PI510	35.6013	77.6436	6.6	310	0.050	125	7300	136	4990	119	18380	-0.1	0.1	174	-0.001
4004	PI511	35.5802	77.6134	6.8	63	0.014	39	7000	455	.	64	14380	-0.1	0.2	220	-0.001
4005	PI512	35.5440	77.5134	7.2	258	0.029	23	5200	222	2490	73	32910	-0.1	0.1	175	-0.001
4006	PI513	35.5259	77.5016	8.3	266	0.030	.	7800	315	.	27	61200	-0.1	0.1	92	0.010
4007	PI514	35.5550	77.4606	6.7	40	0.087	60	9000	86	.	39	16250	-0.1	2.1	153	-0.001
4008	PI515	35.5782	77.4842	4.7	320	0.485	99	34400	.	.	91	26660	-0.1	1.5	2962	0.450
4009	PI516	35.5922	77.5246	6.0	205	0.016	56	26900	54	4400	229	27540	-0.1	0.0	125	0.030
4010	PI517	35.5767	77.5483	7.5	256	0.013	.	7300	219	.	63	57980	-0.1	0.0	156	-0.001
4011	PI518	35.6302	77.6041	6.8	80	0.016	16	10900	32	.	64	19230	-0.1	0.2	158	-0.001
4012	PI519	35.6542	77.6350	6.4	92	0.021	90	7000	268	.	61	15210	-0.1	0.2	165	-0.001
4013	PI520	35.6621	77.5791	5.5	35	0.026	.	10200	38	.	42	16950	-0.1	0.7	199	-0.001
4014	PI521	35.6763	77.5485	5.1	171	0.183	78	24100	68	.	52	23980	-0.1	1.0	711	0.170
4015	PI522	35.6304	77.5552	6.6	250	0.059	98	10300	157	2410	101	18260	-0.1	0.2	200	-0.001
4016	PI523	35.6501	77.5202	5.7	197	0.184	100	19300	73	.	67	18820	-0.1	0.9	446	0.060
4017	PI524	35.6232	77.4972	5.1	58	0.163	135	13100	43	.	37	18830	-0.1	2.8	419	0.130
4018	PI525	35.6058	77.4599	5.8	34	0.043	36	8200	.	.	38	16260	0.4	1.2	152	-0.001
4019	PI526	35.5792	77.4367	6.0	40	0.003	59	6200	.	.	37	14560	-0.1	0.0	142	-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 x 1000	Al ppb	Dy ppb
4020	P1527	35.5539	77.4107	6.5	320	0.115	72	6300	183	3410	81	46240	-0.1	0.3	172	0.010
4021	P1528	35.5244	77.4328	7.2	262	0.050	78	6900	123	.	86	18010	-0.1	0.1	59	-0.001
4023	P1530	35.5019	77.4677	7.6	279	0.020	34	9300	527	.	19	63540	-0.1	0.0	125	-0.001
4045	P1552	35.5011	77.4010	6.9	212	0.076	50	5500	191	2750	61	15790	-0.1	0.3	238	-0.001
4046	P1553	35.5258	77.3731	8.3	300	0.038	43	6100	178	4570	80	16750	-0.1	0.1	161	-0.001
4047	P1554	35.5094	77.3483	8.1	231	0.002	.	6300	541	2840	51	26540	-0.1	0.0	165	-0.001
4051	P1558	35.5008	77.2417	7.7	365	-0.002	.	12700	152	2740	72	17700	-0.1	0.0	136	-0.001
4052	P1559	35.5242	77.2586	7.0	153	-0.002	94	13000	173	.	82	16540	-0.1	0.0	123	-0.001
4053	P1560	35.5033	77.2887	6.7	82	0.003	117	11700	154	.	55	17740	-0.1	0.0	199	-0.001
4054	P1561	35.5211	77.3088	7.1	311	0.008	54	6100	332	7050	33	17810	0.3	0.0	168	-0.001
4055	P1562	35.5493	77.2910	7.6	254	-0.002	70	7400	90	.	55	15600	-0.1	0.0	176	-0.001
4056	P1563	35.5685	77.3095	7.7	192	-0.002	27	6300	326	2170	49	16020	-0.1	0.0	171	-0.001
4057	P1564	35.5553	77.3500	7.6	258	-0.002	.	4000	102	1030	58	15000	-0.1	0.0	150	-0.001
4058	P1565	35.6791	77.3838	7.7	228	0.020	87	10800	40	3070	86	17110	-0.1	0.0	197	0.050
4059	P1566	35.6864	77.4099	6.8	150	0.022	.	28400	.	.	56	26960	-0.1	0.1	132	-0.001
4060	P1567	35.6774	77.4306	7.5	350	0.006	97	13500	883	3950	40	62460	-0.1	0.0	96	-0.001
4061	P1568	35.6519	77.4019	7.0	130	-0.002	100	8900	51	.	106	16400	-0.1	0.0	130	-0.001
4062	P1569	35.6971	77.4581	6.0	190	0.109	.	31800	.	1390	71	31340	-0.1	0.5	180	-0.001
4063	P1570	35.7229	77.4914	6.1	281	0.004	48	12500	.	2490	157	13890	-0.1	0.0	172	-0.001
4064	P1571	35.7579	77.5118	6.3	72	-0.002	90	7900	.	1660	66	13710	-0.1	0.0	149	-0.001
4065	P1572	35.7627	77.4864	6.0	152	0.023	34	17000	.	.	94	22720	1.2	0.1	193	-0.001
4066	P1573	35.7461	77.4579	4.9	150	0.233	129	12300	.	.	83	14930	-0.1	1.5	662	0.080
4067	P1574	35.7046	77.4322	7.0	350	0.043	123	16400	353	.	30	61740	-0.1	0.1	173	-0.001
4068	P1575	35.7909	77.4521	6.7	92	0.031	71	18300	.	.	61	24760	-0.1	0.3	163	-0.001
4069	P1576	35.7934	77.3986	5.4	500	0.029	31	71600	.	.	49	53580	-0.1	0.0	302	-0.001
4070	P1577	35.8077	77.3607	6.5	280	0.052	.	12400	53	4510	117	21580	-0.1	0.1	164	-0.001
4071	P1578	35.7661	77.3704	6.1	60	0.030	55	11600	19	.	37	18280	-0.1	0.5	223	-0.001
4072	P1579	35.7182	77.3667	5.9	70	0.131	.	7800	.	.	52	16730	1.4	1.8	248	0.020
4073	P1580	35.6945	77.3507	5.0	410	-0.002	.	91400	.	7910	92	55480	-0.1	0.0	556	0.100
4074	P1581	35.7455	77.3449	5.6	164	0.217	15	20900	.	5320	82	21730	-0.1	1.3	271	0.010
4075	P1582	35.7890	77.3401	6.7	230	0.069	19	4500	86	1420	76	19010	-0.1	0.3	147	0.020
4076	P1583	35.7704	77.3129	5.9	120	0.068	73	9200	31	.	45	15110	-0.1	0.5	247	0.070
4077	P1584	35.7815	77.2841	5.7	193	0.156	48	7700	57	2170	64	17270	-0.1	0.8	277	0.010
4078	P1585	35.7559	77.2613	7.2	1100	0.060	.	120300	1202	.	81	243960	-0.1	0.0	545	-0.001
4079	P1586	35.7422	77.2195	5.6	466	0.051	31	51400	.	.	48	47070	-0.1	0.1	420	0.070
4080	P1587	35.7222	77.1919	7.6	1150	0.079	205	81700	1839	.	128	256680	-0.1	0.0	523	-0.001
4081	P1588	35.7182	77.2525	8.1	780	0.061	.	30900	2332	.	40	167640	-0.1	0.0	256	-0.001
4082	P1589	35.7335	77.2896	6.8	1220	-0.002	36	59200	.	13790	94	82940	-0.1	0.0	194	0.030

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4083	PI590	35.7153	77.3136	6.8	80	0.015	201	20600	.	.	21	27860	-0.1	0.1	167	-0.001
4084	PI591	35.6599	77.3136	8.4	510	0.026	.	29300	2526	4080	33	121020	-0.1	0.0	409	0.040
4085	PI592	35.6569	77.2894	7.3	188	0.149	54	10000	41	5400	105	18450	-0.1	0.7	1009	0.060
4086	PI593	35.6668	77.2662	7.5	502	0.025	204	41900	2522	.	57	128940	-0.1	0.0	336	-0.001
4087	PI594	35.6926	77.2866	7.8	82	0.032	22	11600	102	.	38	22090	-0.1	0.3	169	-0.001
4088	PI595	35.7016	77.2160	7.6	511	0.018	.	16100	1325	.	43	111480	-0.1	0.0	287	-0.001
4089	PI596	35.6710	77.1917	8.0	1120	0.017	545	129000	1507	6220	90	248080	-0.1	0.0	580	-0.001
4090	PI597	35.6485	77.2181	8.3	799	-0.002	279	68100	2750	3930	54	161960	-0.1	0.0	298	-0.001
4091	PI598	35.6287	77.2009	7.5	32	0.083	19	7400	78	.	32	17830	1.1	2.5	315	0.020
4092	PI599	35.5795	77.1324	7.0	492	0.006	104	30400	376	4130	57	58750	-0.1	0.0	59	-0.001
4093	PI600	35.5911	77.1695	7.5	270	0.013	36	6500	139	3430	131	17790	-0.1	0.0	99	-0.001
4094	PI601	35.5494	77.1762	7.8	340	0.011	39	6000	180	.	25	74010	-0.1	0.0	115	0.020
4095	PI602	35.5336	77.2025	7.6	255	-0.002	.	4400	128	.	33	17190	-0.1	0.0	147	-0.001
4096	PI603	35.5487	77.2403	7.5	270	-0.002	.	4800	48	2000	47	15800	-0.1	0.0	131	-0.001
4097	PI604	35.5765	77.2556	5.6	54	0.357	.	73000	144	3340	128	57700	-0.1	6.6	1259	0.820
4098	PI605	35.5854	77.2745	6.2	173	0.094	.	22200	.	2940	66	28620	-0.1	0.5	282	0.030
4099	PI606	35.5970	77.2334	6.9	248	0.038	.	4200	408	7780	17	20230	-0.1	0.1	154	-0.001
4100	PI607	35.6440	77.3389	6.9	162	0.023	30	6800	71	1120	35	15460	-0.1	0.1	115	-0.001
4101	PI608	35.6316	77.3130	6.4	382	0.146	39	14800	.	6130	124	19250	2.0	0.3	321	-0.001
4102	PI609	35.6258	77.2576	7.7	500	0.063	.	22300	4630	3160	38	120860	-0.1	0.1	226	-0.001
5375	WI514	35.7828	77.9666	5.6	230	0.167	.	18700	.	3230	43		-0.1	0.7	116	0.090
5376	WI515	35.7426	77.9632	7.1	192	0.032	.	M	.	M	58		-0.1	0.1	19	-0.001
5377	WI516	35.6885	77.9628	7.6	207	0.062	8	3700	.	6650	106	8400	-0.1	0.3	25	-0.001
5378	WI517	35.6437	77.9596	5.0	80	0.080	.	12800	.	540	34	6940	-0.1	1.0	95	0.210
5379	WI518	35.6039	77.9673	5.7	82	0.038	22	10800	.	1420	26	7120	-0.1	0.4	28	-0.001
5380	WI519	35.5929	77.9123	6.0	450	0.319	.	12000	.	.	16	13450	-0.1	0.7	28	0.330
5381	WI520	35.5948	77.8470	7.2	380	0.038	42	11200	.	4530	52	37020	-0.1	0.1	19	-0.001
5382	WI521	35.6026	77.7820	4.2	437	0.299	.	2300	.	.	.	1340	-0.1	0.6	166	0.040
5383	WI522	35.6406	77.7941	5.0	181	0.297	.	22200	.	.	15	11320	-0.1	1.6	223	-0.001
5384	WI523	35.6364	77.8527	4.9	68	0.074	.	12800	.	.	8	6250	-0.1	1.0	91	0.110
5385	WI524	35.6399	77.9139	4.7	80	0.067	52	8200	.	.	17		-0.1	0.8	194	0.220
5386	WI525	35.6769	77.9077	5.8	182	0.043	44	9300	.	2350	37	5020	-0.1	0.2	16	-0.001
5387	WI526	35.7451	77.8938	4.3	160	0.156	.	22400	.	.	26	14640	-0.1	0.9	515	-0.001
5388	WI527	35.7796	77.9043	5.4	115	0.025	.	12600	.	1490	10	9670	-0.1	0.2	36	-0.001
5389	WI528	35.8230	77.8972	5.7	70	0.027	18	6500	.	370	16	3560	0.2	0.3	19	-0.001
5390	WI529	35.8197	77.8495	4.5	299	0.204	7	M	.	1220	8		-0.1	0.6	205	-0.001
5391	WI530	35.8214	77.7955	4.6	72	0.063	43	14400	.	1360	.	8410	-0.1	0.8	97	-0.001
5392	WI531	35.7807	77.8525	4.7	101	0.088	25	14800	.	.	21	10070	-0.1	0.8	70	0.280

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5393	WI532	35.7821	77.7929	4.8	145	0.131	.	15000	.	1850	11	14310	-0.1	0.9	429	2.860
5394	WI533	35.7709	77.7381	6.0	83	0.033	24	7200	.	.	7		-0.1	0.4	14	0.140
5395	WI534	35.7276	77.7436	6.9	272	0.094	44	5600	.	3400	38	8780	0.2	0.3	19	-0.001
5396	WI535	35.7396	77.7982	5.3	131	0.080	75	20700	.	1450	16	12670	-0.1	0.6	46	0.090
5397	WI536	35.7316	77.8500	4.9	286	0.109	.	17400	.	960	7	10820	-0.1	0.3	83	-0.001
5398	WI537	35.6968	77.8470	5.0	230	0.288	.	21200	.	3600	.		-0.1	1.2	174	-0.001
5399	WI538	35.6855	77.7874	6.7	401	0.092	.	23800	.	770	34	14420	-0.1	0.2	5	-0.001
5400	WI539	35.6885	77.7411	5.5	142	0.098	24	15600	.	1210	25	9110	-0.1	0.6	67	-0.001
5401	WI540	35.6884	77.6845	5.2	90	0.094	17	7200	.	.	23	8510	-0.1	1.0	98	0.590
5402	WI541	35.6372	77.7427	4.8	130	0.086	65	12000	.	.	37	6500	-0.1	0.6	285	-0.001
5605	WY509	35.5018	77.8970	4.4	100	0.052	.	28800	.	.	73	11990	-0.1	0.5	522	-0.001
5606	WY510	35.5071	77.8561	5.4	89	0.022	.	18700	35	.	62	6030	0.7	0.2	257	-0.001
5607	WY511	35.5412	77.8492	4.5	105	0.090	270	23800	89	.	96	9120	-0.1	0.8	421	-0.001
5608	WY512	35.5646	77.8462	4.6	90	0.004	39	19700	33	.	71	7720	-0.1	0.0	244	-0.001
5609	WY513	35.5695	77.8901	7.0	187	0.033	59	17600	61	2590	.	6030	1.4	0.1	95	-0.001
5610	WY514	35.5649	77.9343	4.9	78	0.040	17	26100	38	.	23	12790	-0.1	0.5	90	0.250
5611	WY515	35.5395	77.9324	5.6	59	0.006	23	12500	503	.	33	4620	0.4	0.1	132	-0.001
5612	WY516	35.5344	77.8968	4.8	78	0.039	182	15900	.	.	.	11510	0.3	0.5	34	-0.001
5614	WY518	35.5708	77.9691	4.9	55	0.052	.	10500	77	.	27	8390	-0.1	0.9	48	-0.001
5615	WY519	35.5337	77.9672	4.3	490	3.305	.	11000	304	6790	239	10430	1.8	6.7	5444	68.390

ROCKY MOUNT 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 x 1000
283	WY012	35.5838	77.9761	6.7	70	0.053	167	67	12200	-0.001	18	2100	97	10850	-0.1	0.76
281	WY010	35.5685	77.8802	6.3	48	0.031	181	.	9900	-0.001	.	.	39	11570	-0.1	0.65
280	WY009	35.5511	77.8287	6.3	70	0.041	206	.	13100	-0.001	27	.	36	12230	-0.1	0.59
282	WY011	35.5475	77.9148	6.5	102	0.050	159	.	15600	-0.001	58	.	78	15550	1.2	0.49
279	WY008	35.5193	77.8792	5.9	99	0.043	196	.	18100	-0.001	.	.	44	14420	-0.1	0.43
287	WY017	35.5124	77.9824	6.7	80	0.038	208	.	13800	-0.001	30	2620	57	13040	1.1	0.48