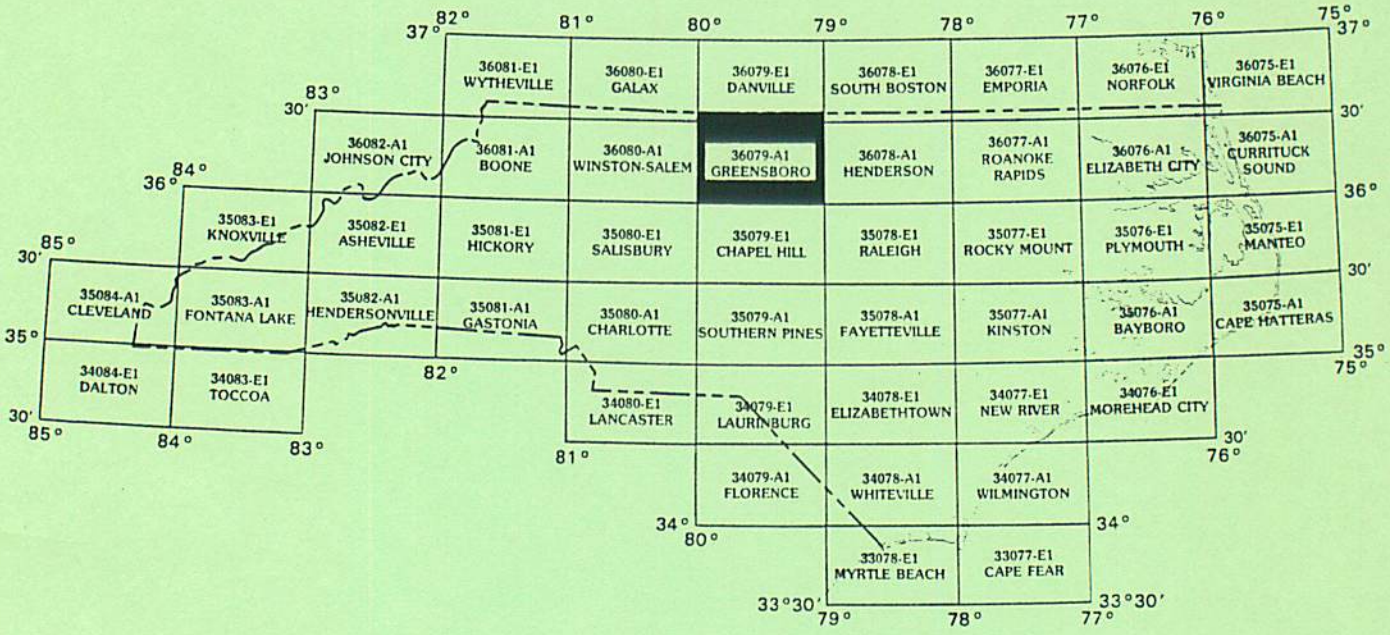
Listing of Concentrations of Variables of Stream Sediment, Stream Water, and Groundwater for the Danville and Greensboro 30 x 60 - Minute Quadrangles -NURE Database

by
Robert H. Carpenter and Jeffrey C. Reid



NORTH CAROLINA GEOLOGICAL SURVEY
OPEN-FILE REPORT 93-16

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 Danville and Greensboro 30 x 60 - minute quadrangles (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 Carperter, 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
AL	Alamance
CS	Caswell
GU	Guilford
OR	Orange
PN	Person
RC	Rockingham (Stream Sediment)
RO	Rockingham (Groundwater)

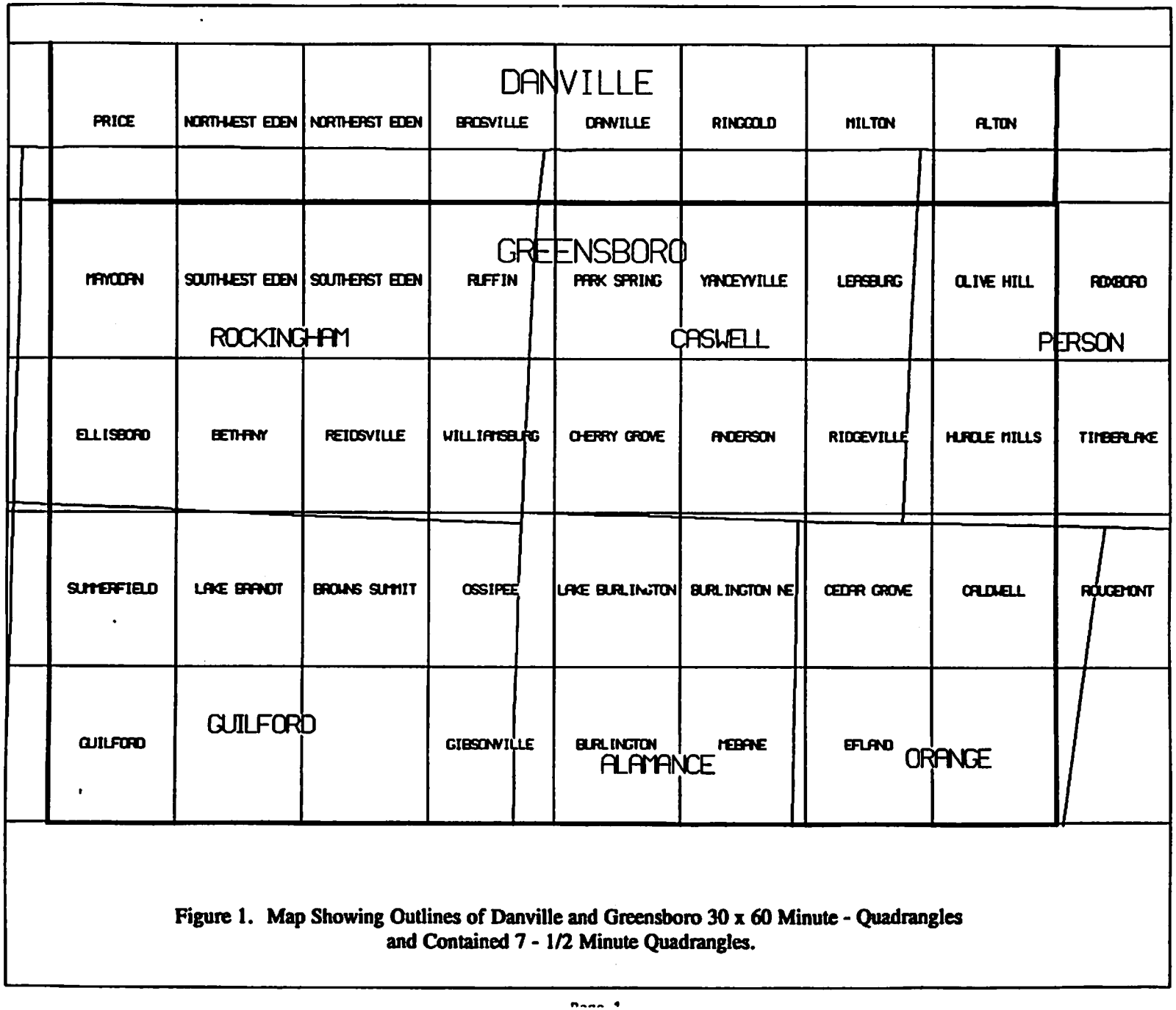

Figure 1. Map Showing Outlines of Danville and Greensboro 30 x 60 Minute - Quadrangles and Contained 7 - 1/2 Minute Quadrangles.

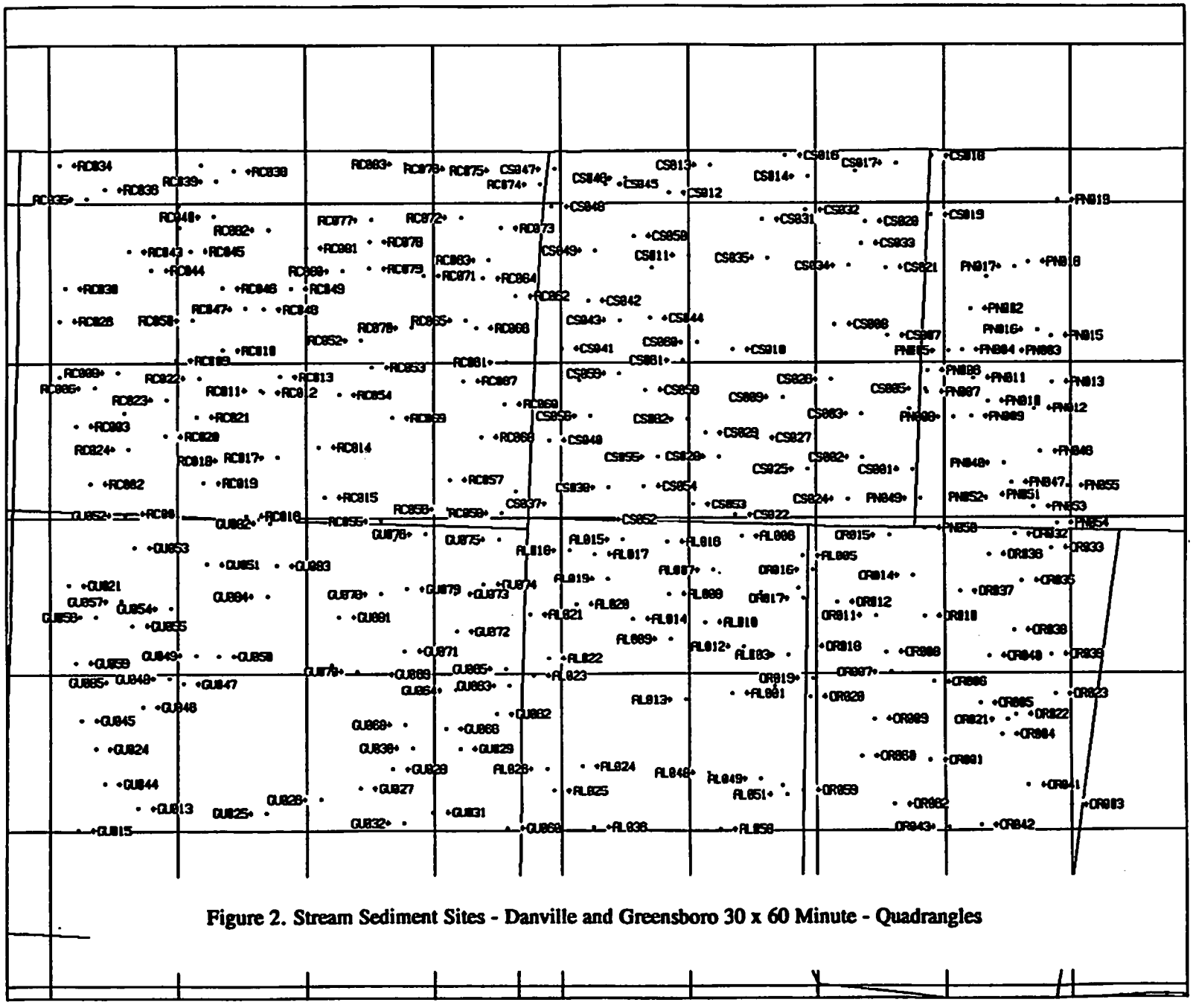

Figure 2. Stream Sediment Sites - Danville and Greensboro 30 x 60 Minute - Quadrangles

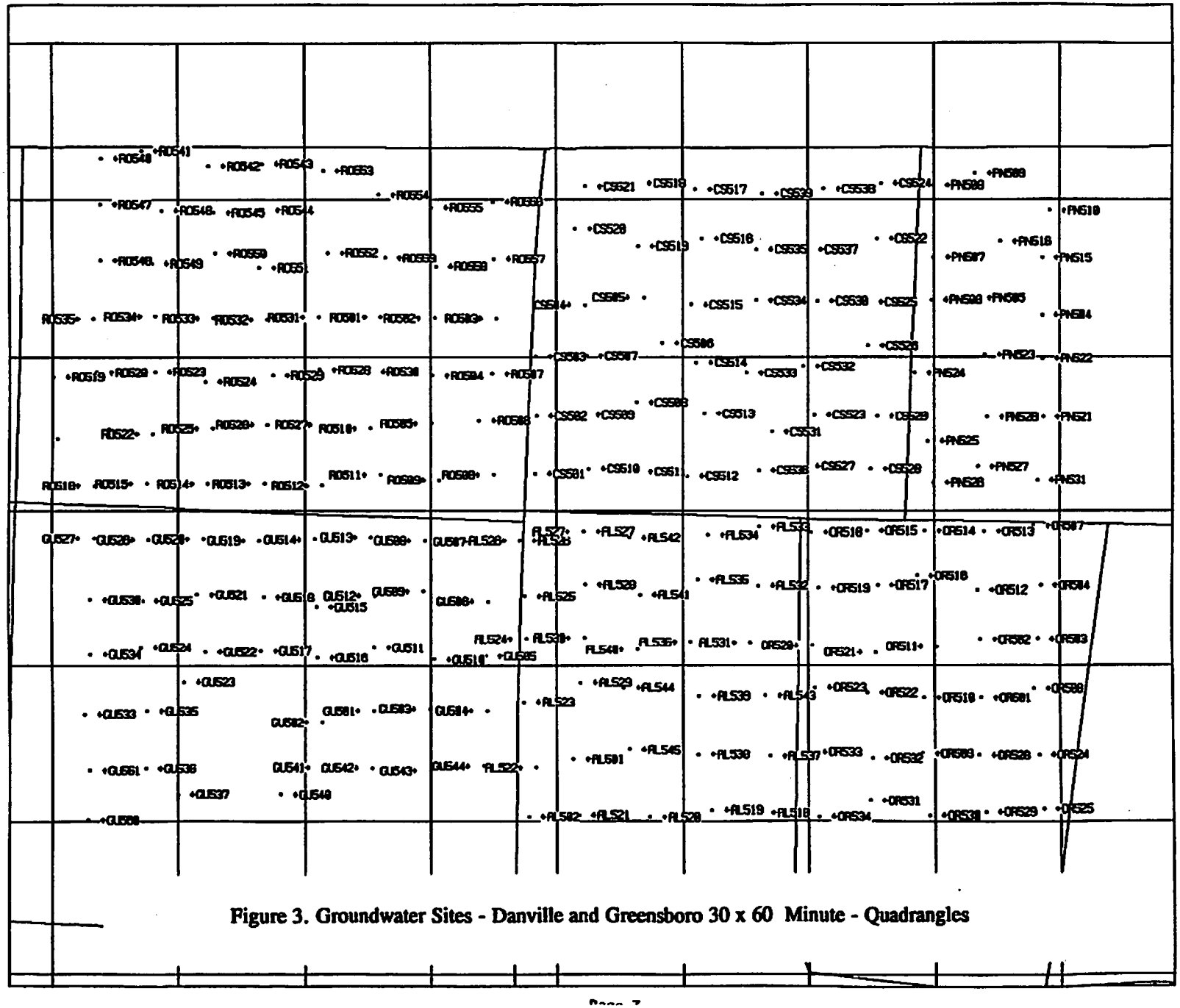

Figure 3. Groundwater Sites - Danville and Greensboro 30 x 60 Minute - Quadrangles

DANVILLE 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
1366	CS012	36.5080	79.3938	7.5	90	6.3	12	17	43200	96	32300	900	11800	20.1	5200	100	17.2	-1.2	48	5	20.0	1.1	
1367	CS013	36.5302	79.3534	7.5	100	3.6	10	23	55900	29	17900	580	15500	9.6	3900	80	7.5	-1.0	62	4	6.5	1.0	0.158
1368	CS014	36.5214	79.2574	7.5	90	4.2	13	20	60400	93	20100	770	17200	11.4	3100	100	4.2	4.8	38	12	N	1.2	
1369	CS015	36.5253	79.2116	7.3	70	9.7	24	82	34400	103	8500	470	12800	23.1	2700	40	22.7	5.0	N	51	13.3	2.5	
1370	CS016	36.5377	79.2796	7.4	130	7.3	24	81	83400	267	39400	1100	24700	14.1	16600	180	13.2	3.9	126	165	4.9	1.3	
1371	CS017	36.5316	79.1719	7.2	50	5.5	20	28	37900	103	24100	300	9700	6.7	3100	30	13.6	3.3	62	15	5.0	0.7	
1372	CS018	36.5370	79.1368	7.3	90	4.9	29	28	23100	159	9500	300	4800	5.2	4400	40	7.0	-1.2	89	26	4.7	0.4	
1399	CS045	36.5153	79.4560	7.3	60	10.3	28	69	49400	87	9200	420	8100	1.9	2900	10	2.4	1.3	N	N	N	1.3	
1400	CS046	36.5200	79.4360	7.5	60	13.0	47	112	42800	52	18900	470	11000	9.0	2700	40	6.6	-1.2	N	42	N	1.5	
1401	CS047	36.5271	79.5060	7.8	90	5.4	15	29	51100	29	17200	860	14700	20.9	2300	80	7.9	-1.0	N	N	14.3	-0.8	
4680	PN019	36.5022	79.0129	N	N	1.3	-2	12	37200	15	27000	1090	11000	12.2	7100	120	N	-1.0	10	2	N	0.2	
5110	RC034	36.5308	79.9904	7.4	60	3.6	5	18	66200	-20	25300	400	18400	8.5	8700	70	N	1.1	11	4	N	-0.2	
5111	RC035	36.5039	79.9635	8.0	49	3.9	9	59	52500	81	45000	670	11400	12.2	15800	100	4.3	3.5	47	14	6.8	0.7	
5112	RC036	36.5114	79.9456	7.9	58	6.1	10	130	50000	103	52300	1200	9400	11.5	32900	100	8.8	2.0	42	9	9.2	1.2	
5113	RC037	36.5308	79.8518	8.0	56	17.5	25	351	35800	279	258000	2740	4900	19.2	N	540	17.4	3.7	106	32	17.3	3.1	0.172
5114	RC038	36.5258	79.8199	7.9	52	9.6	10	197	48300	-20	51600	1140	7500	8.1	29700	50	4.6	1.1	23	N	11.6	1.3	
5115	RC039	36.5181	79.8367	7.9	50	6.3	14	143	43800	118	39300	730	9200	9.6	16500	70	7.8	2.6	64	19	4.7	1.4	
5150	RC074	36.5152	79.5196	7.9	81	2.5	3	11	29100	16	10500	1160	20100	4.3	2900	30	N	1.1	8	1	1.7	0.2	
5151	RC075	36.5262	79.5564	8.1	87	2.3	-2	18	47800	-20	29100	830	11200	12.1	2900	90	1.5	-1.0	11	2	2.4	0.4	
5152	RC076	36.5276	79.6001	7.8	76	1.6	2	11	25000	-20	10000	240	8100	6.3	1000	30	2.7	-1.0	5	1	1.5	-0.2	0.047
5159	RC083	36.5315	79.6516	9.3	89	8.2	14	131	15700	102	35500	200	5400	9.9	3000	30	2.9	3.9	51	12	5.0	1.1	

GREENSBORO 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
116	AL001	36.1094	79.3317	7.3	110	1.4	-2	23	65400	43	65700	2610	24900	12.1	25200	270	5.8	3.9	M	M	M	0.8	
117	AL002	36.1153	79.2900	7.4	100	1.3	-4	5	65900	31	39100	1380	16800	14.7	7000	160	M	-1.2	M	M	5.9	2.0	
118	AL003	36.1402	79.2769	7.4	100	1.3	5	8	72600	76	21100	1390	31300	8.7	4400	100	9.6	-1.0	M	7	7.0	-0.3	
119	AL004	36.1931	79.2676	7.3	105	1.6	10	33	63400	137	42700	2820	25300	10.7	17300	150	3.3	6.4	79	15	19.7	0.6	
120	AL005	36.2192	79.2629	7.3	110	1.6	7	11	86600	75	43600	3590	25200	11.8	8800	160	4.2	-1.7	98	M	4.6	0.8	
121	AL006	36.2353	79.3226	7.3	160	2.2	-6	82	55600	39	68300	4790	30700	16.5	31100	200	M	4.8	M	M	7.7	M	
122	AL007	36.2081	79.3509	M	M	1.2	13	17	67800	-20	33900	2790	29900	8.8	12000	130	4.1	-1.0	M	M	M	M	
123	AL008	36.1886	79.3944	M	M	1.5	8	6	86300	-23	42300	5380	38100	14.0	6800	140	5.6	-1.2	M	M	4.4	M	
124	AL009	36.1530	79.3928	7.3	110	0.7	5	5	55200	-20	28800	1740	21200	15.0	12900	120	M	1.5	M	M	M	-0.3	
125	AL010	36.1662	79.3591	7.4	110	0.8	6	M	65000	62	37100	1690	18800	10.6	12400	150	5.8	M	M	65	M	-0.7	
126	AL011	36.1898	79.3036	M	M	1.2	8	11	56500	65	31200	2240	19000	12.1	8800	110	3.3	-1.0	34	M	M	-0.3	
127	AL012	36.1469	79.3208	7.2	130	0.5	-3	3	33400	34	17200	490	13700	7.4	3000	70	M	M	M	4	5.3	-0.3	
128	AL013	36.1043	79.3779	7.5	120	0.7	4	2	54200	-20	27200	1050	17800	15.7	5000	130	1.1	-1.0	M	2	M	-0.2	
129	AL014	36.1688	79.4292	7.7	200	0.9	5	11	56400	-20	37600	1600	16700	21.0	12300	170	3.2	-1.0	13	4	2.2	-0.2	
130	AL015	36.2327	79.4394	7.7	150	0.9	-3	5	54300	-20	32500	970	13300	21.1	6800	140	1.7	0.9	9	1	9.2	-0.2	
131	AL016	36.2309	79.3959	9.2	140	2.4	-3	4	99800	-20	44700	1120	14400	9.5	5500	160	5.2	-1.0	24	4	M	-0.2	
132	AL017	36.2209	79.4670	M	M	1.5	-3	11	63700	-20	49000	1660	16000	17.1	9300	190	2.2	1.3	19	3	4.9	-0.2	
133	AL018	36.2241	79.4916	8.8	170	1.3	-2	8	59500	66	59200	2950	13700	18.3	16100	200	4.1	-1.0	16	4	M	0.9	
134	AL019	36.2013	79.4541	7.8	110	1.4	-3	26	59600	-20	48900	1500	16900	19.7	10100	170	4.6	-1.0	8	2	2.7	M	
135	AL020	36.1806	79.4853	M	M	1.2	-3	11	50000	-20	18400	1140	13100	13.0	3200	110	2.3	-1.0	12	1	M	0.3	
136	AL021	36.1725	79.5306	7.2	155	1.4	17	21	54600	141	32300	1310	13700	15.7	5400	180	5.4	3.3	85	9	5.3	0.4	
137	AL022	36.1377	79.5125	M	M	0.7	-3	4	51400	-20	32800	740	18600	18.1	3700	140	3.6	-1.0	31	5	M	0.4	
138	AL023	36.1238	79.5274	7.4	500	0.6	8	7	47600	108	24500	700	17700	8.3	4700	100	M	1.7	34	6	M	M	
139	AL024	36.0508	79.4799	7.5	105	1.0	-3	7	59100	-20	37900	1570	61200	14.9	9900	190	M	-1.0	13	38	M	-0.2	
140	AL025	36.0316	79.5075	7.6	110	2.6	6	71	72800	56	132900	6720	M	23.1	50300	600	M	3.1	16	3	2.8	0.9	
141	AL026	36.0491	79.5141	7.4	265	1.2	6	5	75300	36	48800	1890	36700	22.9	7800	190	3.7	1.1	21	4	2.0	-0.2	
151	AL036	36.0028	79.4688	7.5	110	1.4	M	4	66000	M	M	1780	25300	17.9	11000	230	1.4	M	M	M	0.7	M	
162	AL047	36.0468	79.3756	M	M	1.5	-3	11	66400	-20	53700	1450	11800	16.8	8000	170	3.8	11.2	12	3	2.2	-0.2	
163	AL048	36.0459	79.3559	7.4	120	1.4	M	11	45700	M	M	2900	400	16.3	23100	220	3.1	M	M	M	M	M	
164	AL049	36.0409	79.3043	7.2	90	1.3	-3	2	51700	-20	36500	1120	5000	21.6	5700	130	3.0	M	19	M	1.5	-0.2	
165	AL050	36.0355	79.2830	7.4	120	1.9	M	6	61200	M	M	1700	12100	19.4	10700	140	5.3	M	M	M	M	M	
166	AL051	36.0288	79.2792	M	M	2.1	-3	5	53300	-20	20000	4060	3100	15.6	3900	130	5.1	M	19	M	M	-0.2	
173	AL058	36.0014	79.3444	7.2	110	2.3	M	5	67900	M	M	1150	30300	13.1	7200	120	1.7	M	M	M	M	M	
1355	CS001	36.2890	79.1561	7.2	120	1.3	6	37	50900	81	30400	1760	23800	16.8	8900	100	M	1.5	30	5	M	M	
1356	CS002	36.2989	79.2047	6.6	60	0.8	-2	13	48400	-20	19100	550	14500	7.4	2800	60	M	1.5	7	1	M	0.1	
1357	CS003	36.3338	79.2056	6.9	120	1.9	13	29	63100	54	42600	2830	23200	14.7	9800	160	M	3.1	39	4	1.9	0.3	

GREENSBORO 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
1358	CS004	36.3376	79.1594	7.1	160	1.1	-2	19	42100	-20	23600	630	9200	8.7	2700	70	M	-1.3	6	1	M	0.3	
1359	CS005	36.3536	79.1439	6.7	150	2.2	7	47	68500	-25	75600	3060	25400	18.9	15700	330	M	M	12	3	M	0.5	
1360	CS006	36.3835	79.1592	7.2	120	0.7	-4	5	79700	58	75700	4320	19500	18.7	52600	370	6.7	-1.7	44	28	M	-0.5	
1361	CS007	36.3964	79.1803	7.2	160	0.8	6	M	95600	44	88300	3070	29200	15.5	35000	480	M	1.3	M	M	M	M	
1362	CS008	36.4052	79.2318	7.1	280	1.2	-5	8	78700	106	194300	4340	27200	20.1	35100	780	6.9	-1.2	M	8	M	-0.6	0.308
1363	CS009	36.3472	79.2823	M	M	1.0	-3	7	65600	-20	97800	3470	30900	16.5	33600	350	M	5.5	M	M	M	-0.3	
1364	CS010	36.3851	79.3311	6.7	130	1.3	11	M	67200	-30	49700	1370	20300	17.0	10300	230	6.7	-1.2	M	40	M	0.8	
1365	CS011	36.4594	79.3745	7.2	100	3.8	11	14	35100	48	14700	1050	11300	10.8	3100	60	6.3	-1.0	M	8	3.1	0.9	
1373	CS019	36.4908	79.1377	7.0	70	2.0	-2	20	54000	32	16900	390	12000	9.0	3300	90	5.8	-1.0	M	55	5.5	-0.3	
1374	CS020	36.4858	79.2018	7.1	140	2.7	6	23	62300	-26	18000	530	18500	9.2	4300	80	6.2	3.3	41	4	M	-0.6	
1375	CS021	36.4495	79.1821	8.7	160	1.4	-4	16	78000	66	53600	2880	23800	16.7	28600	210	15.0	0.9	M	4	M	-0.3	
1376	CS022	36.2524	79.3285	M	M	1.1	-5	19	57100	-20	21800	1080	33000	10.6	5600	90	6.5	3.1	66	70	4.4	0.5	
1377	CS023	36.2660	79.2576	7.2	90	1.8	-3	23	95800	-20	51800	2810	35700	14.9	18200	180	9.5	-1.0	M	100	M	1.0	
1378	CS024	36.2653	79.2194	7.0	120	1.6	14	14	82200	-20	72900	2710	33600	18.8	14600	220	M	-1.4	M	8	M	1.1	
1379	CS025	36.2894	79.2585	7.2	100	1.1	4	2	110500	-20	42300	2760	46400	10.2	7400	130	M	3.5	M	5	M	-0.3	
1380	CS026	36.3615	79.2350	M	M	1.1	-5	8	70700	-24	68200	3570	22200	13.8	36400	230	M	M	M	M	7.5	-0.6	
1381	CS027	36.3145	79.3069	M	M	1.0	4	13	65900	36	77200	3540	25000	13.4	43300	310	9.3	-1.0	38	M	M	M	
1382	CS028	36.2997	79.3449	M	M	1.1	-5	8	72800	88	69900	2590	19600	22.1	23100	290	9.2	-1.2	26	83	M	1.0	
1383	CS029	36.3185	79.3583	M	M	1.6	-3	13	79500	-21	70100	2780	24800	18.1	22700	390	6.8	2.6	M	M	M	-0.8	1.402
1384	CS030	36.3472	79.3165	8.0	150	1.4	6	11	56200	-38	49400	1460	16700	22.7	13200	180	2.8	5.0	M	67	M	-1.1	
1385	CS031	36.4877	79.3021	7.4	130	4.6	8	32	70600	-23	23000	2130	21000	11.2	7800	130	10.5	1.5	M	52	M	-0.8	
1386	CS032	36.4947	79.2596	7.5	100	7.4	40	98	50600	177	26000	700	11300	16.6	6700	110	10.4	-1.2	M	81	11.6	-1.4	
1387	CS033	36.4688	79.2056	M	M	2.2	-4	9	71300	-23	47100	1270	20500	16.3	7000	170	M	-1.0	M	M	M	-0.5	
1388	CS034	36.4511	79.2179	M	M	1.5	-3	9	73600	46	38600	960	23700	13.0	5700	130	6.8	-1.2	M	75	M	-0.6	
1389	CS035	36.4574	79.2965	7.6	130	3.8	11	30	52800	-23	45000	1070	19000	11.6	10800	170	7.5	-1.0	365	98	M	-0.8	
1390	CS036	36.4571	79.3272	7.7	110	3.8	-5	22	67400	38	28400	820	17200	11.4	5400	110	10.6	-1.2	M	M	M	-0.2	
1391	CS037	36.2617	79.5011	7.5	100	1.0	-4	8	58900	25	47600	1810	18600	19.5	14500	190	3.8	-1.0	M	M	M	-0.2	
1392	CS038	36.2747	79.4531	7.6	120	1.4	-7	11	69500	63	56500	2150	18400	20.3	17300	240	6.1	-1.4	M	M	M	-1.3	
1393	CS039	36.2759	79.4876	7.6	40	0.9	6	6	68700	-23	50200	2760	19600	17.9	19900	270	M	-1.0	M	M	M	-0.8	
1394	CS040	36.3129	79.5116	7.6	80	1.8	M	M	66900	M	M	860	19000	M	8800	100	7.1	M	M	M	M	M	
1395	CS041	36.3862	79.4996	7.2	90	3.1	9	14	70200	45	31800	1190	18400	10.8	8700	150	M	-1.2	M	140	M	-0.3	
1396	CS042	36.4238	79.4734	7.1	80	4.8	M	1	145900	M	M	3690	9000	M	11900	180	6.8	M	M	M	M	M	
1397	CS043	36.4087	79.4422	7.4	60	13.4	64	59	51100	273	15900	670	11800	9.7	7700	60	17.6	-1.2	M	172	M	2.2	
1398	CS044	36.4101	79.4125	7.5	90	3.6	-2	20	57100	57	27100	790	11400	8.7	4500	80	M	2.4	M	M	11.2	0.6	
1402	CS048	36.4976	79.5087	7.6	100	4.6	9	32	49700	90	34900	930	21900	14.9	5500	100	11.1	-1.2	M	97	12.2	2.2	
1403	CS049	36.4633	79.4662	7.6	110	1.6	9	10	49500	-20	6200	940	15100	6.6	2000	40	M	1.7	M	M	13.3	-0.4	

GREENSBORO 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
1404	CS050	36.4747	79.4282	7.4	60	6.9	32	34	35800	132	8500	340	7300	8.8	1300	20	33.1	2.6	N	N	19.3	3.2	
1405	CS051	36.4494	79.4105	7.3	100	3.7	6	17	71000	63	23500	1120	15400	8.4	3800	60	5.5	2.9	N	N	N	-0.8	
1406	CS052	36.2486	79.4582	N	N	0.9	-4	8	74100	52	72200	2690	23000	20.3	25000	280	N	-1.6	N	7	8.1	0.9	
1407	CS053	36.2608	79.3707	7.2	190	0.9	-2	8	74300	-20	40700	2060	24600	13.0	13700	220	N	-1.7	N	N	N	1.2	
1408	CS054	36.2757	79.4189	7.8	80	1.6	-6	17	76300	85	100700	3500	21100	25.3	37600	420	8.5	4.6	N	12	N	-0.7	
1409	CS055	36.2992	79.4047	7.4	80	2.2	5	30	74400	44	86100	3100	20700	19.3	33000	390	N	-1.4	N	N	7.0	N	
1410	CS056	36.3323	79.4715	7.4	110	1.9	-3	2	61600	63	29300	850	23400	8.0	6600	100	N	-1.2	26	N	N	-0.6	
1411	CS057	36.3606	79.4820	7.8	98	4.7	11	27	63900	95	26500	1670	16000	12.7	6600	160	6.2	-1.0	30	13	N	1.0	
1412	CS058	36.3531	79.4169	7.9	120	1.7	-5	4	58100	-24	43500	1510	21200	18.6	13100	170	3.6	-1.2	N	4	7.3	-0.7	
1413	CS059	36.3663	79.4424	7.6	90	5.3	11	24	84600	-20	24800	1200	19000	16.1	8100	210	9.1	-1.2	N	186	N	0.5	
1414	CS060	36.3912	79.3669	7.8	100	3.2	-4	13	90300	109	28900	850	27400	13.6	6800	110	N	-1.2	18	18	14.9	-0.3	
1415	CS061	36.3766	79.3802	7.4	110	1.4	-2	5	76000	-20	19000	570	26700	5.6	4800	90	2.9	-1.0	N	N	5.2	-0.2	0.207
1416	CS062	36.3298	79.3762	N	N	1.2	-4	11	61500	-27	48500	1370	18300	19.5	11700	190	3.7	10.5	N	11	N	-0.6	
2538	GU013	36.0185	79.9136	7.5	105	4.0	19	164	42200	157	48500	1580	N	10.2	13300	90	2.0	2.1	43	26	7.7	1.6	
2540	GU015	36.0013	79.9727	7.0	185	1.3	-2	20	49600	69	43600	1010	7900	10.7	7700	110	1.7	-1.1	12	13	N	0.4	
2546	GU021	36.1963	79.9818	7.5	81	3.6	10	3	80000	54	44800	1290	5600	5.1	N	30	1.5	3.8	35	19	8.6	N	
2549	GU024	36.0655	79.9560	7.5	92	3.2	7	29	69300	-20	53400	1020	27200	11.5	7900	120	3.3	1.0	18	20	N	-0.2	0.201
2550	GU025	36.0146	79.7891	7.5	190	1.2	-4	23	41900	24	52000	1360	N	9.7	22900	110	1.5	-1.5	12	N	N	-0.5	
2551	GU026	36.0253	79.7364	7.3	280	0.8	4	8	46900	34	48300	1460	N	10.5	13300	150	1.3	1.0	11	N	5.3	-0.2	
2552	GU027	36.0336	79.6969	7.4	190	0.8	9	6	49700	74	48000	1610	17400	11.6	15100	170	N	4.6	9	19	N	-0.4	
2553	GU028	36.0490	79.6644	7.3	110	0.8	9	11	36700	77	38200	1640	17500	10.4	20600	100	47.0	-1.7	21	9	2.4	-0.2	
2554	GU029	36.0652	79.5993	7.6	120	0.7	4	7	39400	41	28000	930	16100	8.6	9200	70	2.7	4.1	69	N	N	N	0.322
2555	GU030	36.0657	79.6455	7.3	125	0.9	N	18	37800	-20	40800	1720	14400	10.6	14500	100	N	-1.0	N	N	N	-0.2	
2556	GU031	36.0150	79.6261	7.4	96	0.8	-3	10	51700	38	37000	700	N	10.2	4700	90	1.6	-1.2	N	12	N	0.4	
2557	GU032	36.0063	79.6541	7.4	149	1.0	13	9	56600	97	30400	1260	16600	10.7	9000	130	3.7	1.6	64	11	N	-0.2	
2558	GU033	36.0091	79.6967	7.4	112	0.8	-5	9	50300	94	42500	810	9500	9.3	10400	130	2.0	1.6	27	13	10.2	0.4	
2569	GU044	36.0378	79.9468	6.8	120	2.5	8	23	52100	-20	57000	1260	12000	19.4	8800	120	5.0	6.6	25	6	N	N	
2570	GU045	36.0887	79.9693	7.0	51	13.0	18	236	36900	46	117500	2990	3400	17.1	54500	280	5.8	-1.0	22	4	10.1	1.6	
2571	GU046	36.0993	79.9093	7.1	190	2.9	-3	46	49200	73	66100	1280	10100	21.4	10000	150	2.3	-1.0	23	8	3.6	0.4	
2572	GU047	36.1175	79.8699	7.4	93	1.9	5	18	37700	-20	32600	1190	6600	15.2	7300	80	3.9	2.9	14	5	3.8	-0.2	
2573	GU048	36.1217	79.8838	7.5	135	2.7	5	15	40300	34	36200	670	7600	17.1	6200	80	1.6	3.5	12	2	N	0.6	
2574	GU049	36.1404	79.8577	7.5	123	3.0	N	23	44100	43	36200	870	9200	13.5	5600	90	N	1.1	21	6	2.2	0.6	
2575	GU050	36.1396	79.8349	7.5	120	4.0	8	32	40400	39	28200	590	7000	11.6	4000	60	3.0	-1.0	22	5	4.8	0.3	
2576	GU051	36.2132	79.8467	7.4	100	7.7	12	142	44600	43	35200	1390	8100	14.7	10500	100	1.9	-1.0	32	7	6.1	0.7	
2577	GU052	36.2528	79.9263	7.1	59	5.2	20	19	17300	97	15800	270	3100	5.6	4500	30	9.6	-1.0	55	10	4.3	-0.2	
2578	GU053	36.2268	79.9170	7.4	82	3.9	18	11	39000	56	12900	1070	7000	6.0	2600	40	2.4	-1.0	36	9	1.7	N	

GREENSBORO 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
2579	GU054	36.1778	79.8820	7.4	80	5.2	17	20	70500	118	40500	1900	6800	9.0	4400	50	1.7	-1.2	79	M	M	0.7	
2580	GU055	36.1642	79.9195	7.1	222	5.2	9	19	59800	53	33900	600	19700	13.8	3100	40	2.5	1.7	30	8	M	0.5	
2581	GU056	36.1713	79.9553	7.5	168	6.4	15	42	51800	71	32900	710	8700	17.2	5100	60	M	5.3	40	7	1.5	-0.2	
2582	GU057	36.1836	79.9303	7.6	121	4.1	7	20	60600	48	33900	980	8500	7.0	5100	70	M	4.0	34	9	5.2	0.4	
2584	GU059	36.1343	79.9750	7.5	82	14.4	23	243	53900	99	32400	200	M	11.9	6900	60	1.0	2.9	73	27	M	2.0	
2585	GU060	36.0023	79.5531	7.6	101	1.5	-1	15	45400	-20	53500	590	M	12.0	3900	90	M	-1.0	M	M	9.2	-0.2	
2586	GU061	36.0474	79.5512	7.7	142	1.2	13	17	32600	71	46600	910	14100	10.6	7600	60	1.6	1.8	31	21	M	0.5	
2587	GU062	36.0932	79.5632	7.3	110	0.8	4	5	32900	50	31100	510	M	14.9	M	50	0.6	1.2	M	5	2.4	-0.2	
2588	GU063	36.1158	79.5505	7.3	178	0.7	6	9	29500	47	27200	520	M	8.5	1900	70	M	5.8	34	28	3.0	-0.2	
2589	GU064	36.1122	79.6036	7.4	120	0.6	-2	6	29500	-20	25000	620	9900	8.9	5500	20	M	-1.0	M	M	M	-0.2	
2590	GU065	36.1291	79.5542	7.5	129	0.9	-5	14	28900	106	32000	440	16200	7.5	1700	40	0.7	2.0	39	21	4.1	0.4	
2591	GU066	36.0814	79.6135	7.3	95	0.5	-1	6	16400	-20	15400	440	8700	5.7	4200	20	0.4	2.6	M	M	M	M	
2592	GU067	36.0873	79.6890	7.5	710	3.4	30	101	21400	326	96200	2140	9500	15.4	30400	100	1.6	2.2	115	62	8.2	-0.4	
2593	GU068	36.0848	79.6527	7.3	120	0.6	-2	15	23800	-20	25600	480	6200	8.0	3800	40	M	-1.0	15	M	M	0.4	0.537
2594	GU069	36.1250	79.6807	7.5	1080	2.0	14	20	29100	84	56900	740	3800	13.4	6200	70	M	-1.0	31	21	4.0	M	
2595	GU070	36.1273	79.7003	7.7	126	1.5	3	14	30100	29	27600	590	M	12.9	5200	70	M	-1.0	7	M	1.4	-0.2	
2596	GU071	36.1437	79.6529	7.5	120	1.0	8	9	32400	48	36800	600	3300	13.5	4600	90	2.0	-1.0	38	15	M	0.5	
2597	GU072	36.1591	79.6027	7.4	800	2.4	11	30	23400	69	41400	980	M	12.3	10500	80	1.1	0.6	42	8	6.8	0.8	
2598	GU073	36.1888	79.6038	7.5	80	1.1	9	6	25200	50	40000	340	M	9.0	M	40	M	-1.2	53	15	4.6	0.8	
2599	GU074	36.1965	79.5761	7.2	146	0.8	-1	3	23600	-20	27200	230	3300	7.4	2000	40	1.0	1.2	M	M	M	-0.2	
2600	GU075	36.2329	79.5611	7.2	118	4.5	24	30	24700	94	26500	410	8500	8.7	2200	40	2.2	1.6	29	24	3.9	1.3	
2601	GU076	36.2372	79.6327	7.4	90	1.0	-1	3	17100	-20	13600	70	M	2.9	1800	10	0.5	2.2	24	M	M	-0.2	
2602	GU077	36.2325	79.6631	7.0	74	1.1	17	3	25600	45	14800	60	6100	4.2	M	M	M	2.1	33	6	M	-0.3	
2603	GU078	36.1889	79.6766	7.4	78	1.0	-1	2	16800	25	21000	220	7700	7.8	1400	20	M	-1.2	M	M	2.7	M	
2604	GU079	36.1928	79.6509	7.2	78	0.8	11	5	18000	68	32400	260	5500	8.6	2600	30	0.6	-1.0	32	20	7.2	-0.4	
2605	GU080	36.1325	79.7255	7.1	190	2.3	14	14	22100	113	53900	700	M	9.6	5800	70	M	1.4	41	M	M	0.4	
2606	GU081	36.1706	79.7181	7.2	103	4.2	10	56	34200	96	59300	2020	7800	16.5	22300	140	3.8	-1.0	32	7	4.0	1.1	
2607	GU082	36.2460	79.7856	7.4	92	9.8	26	133	42400	131	37900	1770	8800	12.3	11200	110	6.9	-1.2	60	16	4.8	1.2	
2608	GU083	36.2121	79.7790	7.3	70	9.8	19	103	54900	90	22400	370	9700	5.9	7100	50	M	3.3	61	10	5.1	1.1	0.058
2609	GU084	36.1873	79.7880	7.1	55	5.5	12	55	47100	47	21900	550	6500	6.3	9100	80	1.4	-1.0	26	5	4.3	0.4	
2610	GU085	36.1191	79.9296	7.2	72	4.9	16	6	70900	105	93700	2900	2000	10.2	3600	80	5.3	2.6	79	13	3.6	M	
4449	OR001	36.0554	79.1393	7.3	75	1.9	-4	6	70000	55	54400	1210	11800	11.1	7400	130	4.2	-1.2	M	12	M	-0.2	
4451	OR003	36.0199	79.0005	7.6	100	3.0	12	18	30800	-33	24000	M	M	2.9	2700	M	M	2.8	M	6	10.7	0.6	
4452	OR004	36.0762	79.0685	7.4	330	2.4	-3	3	78700	-20	38700	1680	16200	9.7	12300	170	M	-1.6	M	5	3.0	-0.2	
4453	OR005	36.1012	79.0898	7.5	135	1.2	6	4	61600	50	101800	1470	13500	20.3	8800	260	M	-1.2	M	7	M	-0.6	
4454	OR006	36.1181	79.1358	M	M	1.7	6	5	72900	41	39400	580	6500	9.1	9700	130	8.7	-1.0	28	M	M	0.6	

GREENSBORO 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
4455	OR007	36.1261	79.1775	7.6	70	1.4	-3	8	44600	48	23000	1020	14100	16.4	7300	70	4.6	-1.2	M	M	7.5	0.8	
4456	OR008	36.1424	79.1818	7.6	65	1.7	7	12	65500	71	29500	1570	21100	11.4	10600	130	3.9	1.3	M	4	M	-0.2	
4457	OR009	36.0889	79.1938	7.6	90	1.5	-5	16	57300	-29	40900	2590	16300	18.3	23700	160	7.4	-1.2	M	66	M	-0.7	
4458	OR010	36.1707	79.1445	7.3	105	1.2	6	7	67200	68	33700	960	22900	16.8	7600	130	3.9	-1.0	33	M	M	-0.3	
4459	OR011	36.1714	79.1923	7.4	80	1.4	6	17	51500	160	19200	670	20200	6.8	3400	120	3.1	-1.7	90	16	3.8	-0.3	
4460	OR012	36.1820	79.2298	M	M	1.5	14	4	88100	147	28100	1210	38900	7.3	2800	80	8.5	-1.0	63	113	8.3	M	
4461	OR013	36.2035	79.1940	M	M	1.5	17	31	48100	222	19600	790	20400	7.4	4900	60	4.2	-1.4	84	21	M	1.0	
4462	OR014	36.2034	79.1560	7.8	75	1.1	15	14	29700	150	10700	490	15600	4.4	1900	30	2.6	-1.7	41	17	M	-0.3	
4463	OR015	36.2358	79.1790	M	M	1.8	M	2	138600	M	M	1470	36900	6.9	5800	200	11.9	M	M	M	M	M	
4464	OR016	36.2080	79.2533	7.1	90	1.0	7	13	57200	-20	16200	1030	25000	11.2	3800	70	3.1	-1.6	43	M	M	0.4	
4465	OR017	36.1850	79.2628	M	M	2.8	M	14	68000	M	M	1250	26600	M	6300	130	20.5	M	M	M	M	M	
4466	OR018	36.1470	79.2593	7.6	90	1.2	4	5	56700	37	19000	950	22800	6.8	4200	90	6.0	4.0	28	M	M	M	
4467	OR019	36.1213	79.2531	7.6	85	1.2	-4	5	63700	80	42400	1280	14700	19.0	6500	170	1.3	-1.2	16	9	5.5	M	
4468	OR020	36.1067	79.2559	7.0	80	1.3	-3	5	53200	-20	47400	1530	14700	10.4	7500	130	2.3	-1.0	M	304	M	-0.3	
4469	OR021	36.0877	79.0624	7.4	100	1.4	-6	3	77500	47	62300	1240	15500	18.1	9300	220	9.7	-1.2	73	9	M	0.7	0.258
4470	OR022	36.0922	79.0544	7.1	120	1.9	M	8	57800	M	M	1240	12900	15.9	6100	130	3.3	M	M	M	M	M	
4471	OR023	36.1085	79.0157	7.2	150	2.1	M	10	30200	M	M	640	9700	8.4	5600	50	M	M	M	M	M	M	
4480	OR032	36.2364	79.0555	M	M	1.9	-3	9	87600	59	24800	620	10200	11.3	5900	150	M	-1.0	M	M	7.9	0.8	
4481	OR033	36.2256	79.0197	M	M	1.6	45	5	47200	144	44900	980	11400	12.8	5300	90	2.4	-1.2	112	17	15.8	1.2	
4483	OR035	36.1992	79.0483	7.2	95	1.3	-2	8	40400	25	-5100	720	13000	12.9	5200	80	2.9	1.7	M	32	M	-0.2	
4484	OR036	36.2203	79.0807	M	M	1.5	-3	11	38600	-20	19200	780	11300	5.5	4000	50	2.9	-1.0	M	34	M	-0.3	
4485	OR037	36.1903	79.1093	7.4	85	1.0	6	11	31500	76	-5000	470	15600	5.4	3100	50	2.4	-1.0	18	5	M	-0.3	
4486	OR038	36.1596	79.0563	7.5	85	1.4	11	9	39300	52	11900	1330	15100	9.8	10300	100	1.9	2.2	60	43	M	-0.3	
4487	OR039	36.1405	79.0197	7.4	95	1.0	-3	5	38100	35	27300	2330	12100	16.4	6100	90	3.0	2.8	24	M	M	-0.3	
4488	OR040	36.1391	79.0809	M	M	1.6	-3	2	48400	-20	28500	480	6300	14.2	4400	120	5.6	-1.0	M	68	M	-0.3	
4489	OR041	36.0355	79.0425	7.4	110	2.1	-4	7	44000	47	30600	1760	8800	14.9	11900	120	4.8	-1.0	M	29	M	-0.3	
4490	OR042	36.0041	79.0898	7.2	85	2.1	-3	12	50100	-20	20400	1810	16400	12.2	12100	130	M	2.0	13	M	M	-0.3	
4491	OR043	36.0031	79.1219	M	M	1.5	7	4	69600	49	31700	1570	16300	14.1	7200	170	3.3	-1.0	M	6	M	-0.3	
4507	OR059	36.0320	79.2632	M	M	1.5	-1	8	39100	11	38200	1280	7800	10.1	7300	100	M	-1.0	8	2	M	0.3	
4508	OR060	36.0590	79.2061	M	M	1.7	4	14	40200	78	24800	730	4300	12.4	7400	100	M	-1.7	12	3	3.2	0.3	
4510	OR062	36.0213	79.1747	M	M	1.6	4	5	58100	42	48600	1020	6800	6.7	M	110	M	M	16	M	5.1	-0.2	
4662	PN001	36.4420	79.0831	8.0	55	2.6	11	12	38700	-20	17400	570	6900	9.3	3400	50	1.8	M	11	2	M	0.4	
4663	PN002	36.4171	79.0988	7.5	98	1.9	6	9	39800	-33	25700	910	6800	8.5	4300	70	M	3.1	9	3	M	0.4	
4664	PN003	36.3839	79.0624	7.3	110	1.4	3	10	28300	25	17800	780	5700	6.6	2900	60	M	2.9	12	3	M	-0.2	
4665	PN004	36.3847	79.1071	7.4	143	1.5	5	7	44600	-34	30800	2340	12500	11.5	6000	110	2.4	4.6	10	3	M	0.7	
4666	PN005	36.3839	79.1204	7.8	228	1.4	5	21	38000	29	39400	2370	10700	10.1	16400	110	2.2	3.8	14	2	1.4	0.2	

GREENSBORO 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
4667	PN006	36.3682	79.1413	M	M	1.7	5	14	44800	-20	130300	3180	11400	19.3	32300	370	M	1.3	17	5	1.9	0.3	
4668	PN007	36.3512	79.1417	8.2	140	1.6	4	28	57400	41	46500	2370	23600	16.4	13800	210	1.6	-1.7	18	3	3.7	0.4	
4669	PN008	36.3311	79.1154	7.7	112	2.2	18	10	60400	143	20700	690	13500	9.2	2700	50	6.7	4.0	73	7	M	0.4	
4670	PN009	36.3315	79.0981	M	M	3.6	52	24	45300	449	23200	1570	10700	8.4	5200	60	6.2	4.8	261	27	6.2	0.5	
4671	PN010	36.3438	79.0817	7.7	100	1.5	10	13	39200	107	24900	490	10100	9.2	1900	70	3.3	M	44	6	M	0.4	
4672	PN011	36.3623	79.0959	7.8	118	3.9	24	84	43100	187	23200	980	10700	12.2	4200	90	8.3	M	93	10	3.7	0.6	
4673	PN012	36.3380	79.0361	7.6	90	1.9	6	27	21200	10	12100	310	5800	7.0	3100	40	M	-1.0	11	2	M	0.2	
4674	PN013	36.3590	79.0188	M	M	2.6	12	25	24000	26	18000	370	4500	3.4	M	40	2.5	-1.0	9	1	1.8	0.7	0.047
4676	PN015	36.3961	79.0197	M	M	2.4	-2	16	25700	-30	10500	790	6100	3.1	2700	30	M	-1.3	7	2	M	0.5	0.042
4677	PN016	36.4008	79.0333	7.7	100	2.0	6	14	26700	20	14100	740	4400	4.6	2700	40	3.5	M	13	3	2.9	0.3	
4678	PN017	36.4503	79.0552	7.7	60	6.6	20	37	45000	119	21900	1090	8100	6.3	6000	60	8.7	-1.0	49	6	8.5	1.6	
4679	PN018	36.4541	79.0423	7.5	60	3.8	10	24	33600	17	-5000	M	M	1.8	900	M	M	-1.0	12	1	2.8	0.7	
4707	PN046	36.3033	79.0302	M	M	1.7	-2	15	38300	38	30000	2020	17300	11.1	7500	90	M	-1.0	23	4	M	-0.2	
4708	PN047	36.2784	79.0587	7.5	90	1.3	4	9	28600	-20	17600	1360	17100	2.7	8600	50	1.2	-1.0	12	M	M	0.3	
4709	PN048	36.2940	79.0660	6.8	125	1.5	-2	22	25500	39	21400	1390	15800	9.1	13700	70	2.9	-1.0	22	5	M	M	
4710	PN049	36.2657	79.1482	7.1	148	2.8	8	96	63000	73	50800	2530	29600	21.4	12600	180	2.5	4.8	M	13	M	1.4	0.344
4711	PN050	36.2415	79.1447	7.0	120	1.1	M	11	39100	32	21500	850	19300	10.1	3400	70	2.4	-1.0	36	M	4.9	0.8	
4712	PN051	36.2685	79.0815	7.2	71	1.2	-1	7	32200	-20	14700	830	14200	5.1	5200	30	3.4	-1.0	M	M	13.4	M	
4713	PN052	36.2663	79.0680	7.3	47	1.1	4	7	13300	-20	-5000	430	8800	2.6	2400	20	1.3	-1.0	M	2	M	0.8	
4714	PN053	36.2587	79.0369	6.9	81	1.3	6	6	31300	24	18300	610	12100	5.9	3300	40	2.0	-1.0	15	3	M	0.6	
4715	PN054	36.2455	79.0142	7.3	71	1.4	2	5	55200	37	43500	1100	23700	13.6	6900	120	3.3	-1.0	M	7	M	-0.2	
4716	PN055	36.2757	79.0039	7.6	71	1.5	M	17	44900	26	28400	1560	22300	8.8	8500	90	3.5	-1.0	21	4	M	0.5	
5077	RC001	36.2541	79.9237	7.2	49	3.3	16	8	29500	108	19900	400	3800	2.1	3300	40	3.9	-1.0	M	M	M	M	
5078	RC002	36.2784	79.9602	7.6	50	7.2	16	22	28100	40	-5000	200	4100	2.3	2400	20	3.4	0.6	M	M	M	M	
5079	RC003	36.3247	[illegible].9742	7.4	45	4.5	15	20	35800	83	24600	550	3400	2.3	M	40	0.9	1.8	M	M	M	M	
5081	RC005	36.3639	79.9913	7.6	48	16.7	136	43	30500	612	18600	450	3600	2.8	10200	30	9.9	1.3	M	M	M	M	
5082	RC006	36.3553	79.9568	7.6	46	8.5	43	26	39700	159	15200	520	4700	3.1	10900	40	4.8	4.0	M	M	M	M	
5083	RC007	36.3352	79.9272	7.5	70	3.5	6	14	33600	52	17900	380	4600	4.2	3100	40	1.0	-1.0	M	M	M	M	
5084	RC008	36.3678	79.9339	7.7	48	5.9	21	20	25400	116	5800	360	4100	2.2	4300	30	3.3	-1.0	M	M	M	M	
5085	RC009	36.3772	79.8771	7.6	60	9.5	23	65	32800	181	21200	610	6600	6.2	M	50	14.7	1.5	M	M	M	M	
5086	RC010	36.3851	79.8312	7.6	50	5.7	-2	15	38200	-20	11600	370	5700	3.3	3300	30	1.5	-1.0	M	M	M	M	
5087	RC011	36.3530	79.7944	7.6	64	11.1	21	112	30900	95	17000	390	M	9.4	3000	40	5.4	1.0	16	15	5.4	1.0	
5088	RC012	36.3516	79.7918	7.7	78	4.7	12	51	30500	71	18600	320	M	7.7	M	40	2.9	-1.6	47	21	8.9	0.8	
5089	RC013	36.3640	79.7756	7.8	90	5.1	10	53	28900	-20	19100	410	8400	8.1	1500	40	4.1	-1.0	21	4	4.9	0.6	
5090	RC014	36.3074	79.7376	7.7	61	10.4	52	26	40000	314	30200	1100	16000	6.0	4000	40	7.4	3.6	112	71	6.9	1.3	
5091	RC015	36.2672	79.7319	7.6	82	6.0	13	31	66000	-20	30800	2580	M	5.0	5500	100	2.8	0.8	28	5	M	0.5	

GREENSBORO 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
5092	RC016	36.2520	79.8081	7.8	79	5.7	25	32	55000	133	39000	800	N	7.8	7300	30	2.8	-1.0	74	38	7.6	1.1	
5093	RC017	36.2993	79.7776	7.7	60	61.9	260	114	32200	1300	22600	830	6900	5.4	6600	40	55.7	15.5	528	229	24.1	2.3	
5094	RC018	36.2969	79.8229	7.7	57	9.1	27	100	28400	118	30100	560	N	8.5	4700	60	14.9	-1.2	71	44	14.0	3.0	
5095	RC019	36.2788	79.8500	7.7	50	8.8	35	23	30600	193	23400	460	N	3.7	N	50	7.7	2.1	43	28	5.3	-0.2	
5096	RC020	36.3163	79.8869	7.8	51	3.6	13	35	36100	84	22200	280	5700	7.5	2200	20	1.2	-1.1	46	35	11.3	0.9	
5097	RC021	36.3320	79.8564	7.8	37	4.4	7	14	52000	40	25000	310	N	4.4	2800	30	1.8	-1.0	14	N	3.0	N	
5098	RC022	36.3631	79.8542	7.6	49	17.9	61	71	37100	324	46500	430	14400	6.3	6500	20	13.4	-1.0	113	62	19.2	2.5	
5099	RC023	36.3459	79.8860	7.6	54	8.4	24	59	33100	58	22300	710	N	4.4	N	20	4.8	1.9	37	7	6.2	1.3	
5100	RC024	36.3061	79.9228	7.5	48	7.6	30	17	33700	130	28400	340	N	4.3	3200	20	5.2	2.6	63	38	7.6	1.4	
5102	RC026	36.4087	79.9906	8.1	54	6.3	16	68	50100	83	32600	490	10900	6.6	7600	50	2.9	-1.0	58	36	N	0.7	
5106	RC030	36.4339	79.9854	7.8	70	11.2	49	68	40800	303	39800	310	N	4.4	6500	40	6.4	5.5	121	60	11.9	1.5	
5116	RC040	36.4902	79.8394	7.7	57	5.9	10	147	43400	58	43300	900	8600	11.9	14500	70	3.7	-1.0	29	4	4.5	1.2	
5117	RC041	36.4980	79.8739	8.0	59	4.0	5	93	52600	91	40000	560	11400	9.6	10300	60	4.8	2.6	36	9	5.0	0.8	
5118	RC042	36.4819	79.8732	7.8	80	5.5	16	39	91700	114	45800	670	10200	12.8	8600	100	N	2.4	57	11	3.8	0.4	
5119	RC043	36.4630	79.9223	7.9	70	3.4	11	29	90000	116	58200	650	10100	12.3	6900	120	N	4.4	37	9	3.4	0.5	
5120	RC044	36.4481	79.9006	7.8	54	3.7	8	56	21100	49	21900	80	4900	2.7	4900	40	6.1	2.4	40	5	2.2	-0.2	
5121	RC045	36.4633	79.8623	7.4	63	5.5	11	119	16900	45	11600	130	1800	3.0	4100	20	2.5	-1.0	17	2	4.4	0.6	
5122	RC046	36.4339	79.8311	7.3	78	5.2	-2	92	36100	54	37000	210	3700	6.8	4400	60	3.5	-1.0	19	2	5.5	0.5	
5123	RC047	36.4180	79.8088	7.7	62	3.5	13	17	32200	63	12600	290	7200	9.1	2000	30	3.2	1.8	18	5	4.1	0.6	
5124	RC048	36.4175	79.7911	8.4	72	2.8	8	15	34000	-20	10200	400	7300	9.9	1300	30	3.6	-1.0	N	3	N	N	
5125	RC049	36.4336	79.7649	8.0	101	3.9	18	47	40600	88	33600	710	8800	10.0	6600	60	2.7	0.9	35	8	3.6	0.6	0.145
5126	RC050	36.4090	79.8607	7.8	98	5.2	4	60	54400	76	44900	530	9600	8.7	8500	100	9.1	-1.0	34	5	4.4	0.4	
5127	RC051	36.3963	79.7268	8.5	59	5.0	-2	15	32600	24	19100	400	3000	7.9	1700	30	2.4	-1.0	12	4	5.4	0.3	
5128	RC052	36.3932	79.6961	7.7	79	3.5	11	24	35500	-20	18200	460	7100	7.4	3700	60	2.5	-1.0	19	3	N	0.4	0.054
5129	RC053	36.3715	79.6851	7.9	87	4.7	12	32	51000	57	13500	370	14100	4.3	N	30	4.1	1.1	21	5	3.5	0.7	
5130	RC054	36.3495	79.7174	7.6	55	8.8	10	143	35600	-20	9900	310	5600	11.2	2400	30	4.6	-1.0	13	3	6.9	1.4	
5131	RC055	36.2477	79.6760	7.6	92	3.5	10	20	63900	47	30400	970	12100	9.3	3100	60	N	-1.0	22	5	6.5	-0.2	
5132	RC056	36.2572	79.6110	7.8	70	1.4	-2	6	45600	49	21000	550	7400	5.9	6600	50	N	1.3	16	5	N	-0.2	
5133	RC057	36.2812	79.6092	7.4	240	5.6	19	45	58100	74	47900	460	10100	19.2	5200	90	4.5	3.3	39	7	5.7	0.4	
5134	RC058	36.2541	79.5580	8.1	70	1.8	10	5	58200	60	45300	710	7900	16.2	4300	110	2.2	-1.0	13	4	N	0.2	
5135	RC059	36.2716	79.5441	7.9	61	2.3	14	3	57200	59	55800	550	9400	18.8	N	70	1.9	4.4	20	4	5.5	-0.2	
5136	RC060	36.3420	79.5550	7.7	128	5.4	11	14	71600	99	35100	1480	13300	14.2	2000	70	3.5	1.1	39	7	N	-0.2	
5137	RC061	36.3753	79.5532	7.8	100	8.4	27	32	54300	-20	33400	950	7500	15.4	5300	80	9.8	-1.0	87	N	9.1	-0.2	
5138	RC062	36.4275	79.5441	8.0	94	4.5	7	29	55700	41	16300	1740	10100	15.7	3400	80	3.8	-1.0	14	3	3.6	0.5	
5139	RC063	36.4559	79.5703	8.0	88	15.4	44	177	35400	160	27800	540	2600	13.6	4700	70	8.2	2.0	72	13	10.2	2.3	
5140	RC064	36.4413	79.5759	7.9	95	3.7	9	28	37100	43	13200	500	9000	5.9	2600	40	3.1	2.4	12	3	N	0.6	

GREENSBORO 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
5141	RC065	36.4086	79.5935	7.6	84	6.6	15	57	43500	64	18300	340	5900	9.1	N	40	3.9	-1.0	38	11	7.9	1.3	
5142	RC066	36.4026	79.5830	7.6	109	7.5	8	81	53300	45	17800	550	7800	10.3	N	50	3.5	2.8	16	3	2.6	0.7	
5143	RC067	36.3605	79.5956	8.0	97	5.7	25	14	64800	88	28400	620	10500	8.2	4300	70	6.7	-1.0	57	10	3.0	-0.2	
5144	RC068	36.3154	79.5781	7.5	152	5.0	11	51	56600	69	28400	1310	5400	9.7	N	70	1.9	1.1	29	7	2.2	0.5	
5145	RC069	36.3309	79.6650	7.9	105	11.0	38	129	42600	141	66700	1360	1500	25.8	24300	170	9.9	-1.0	94	17	12.3	1.9	0.084
5146	RC070	36.4031	79.6459	8.0	97	8.1	7	94	36000	29	10400	630	6500	9.3	3600	20	3.5	0.9	16	4	5.8	0.9	
5147	RC071	36.4434	79.6345	8.0	29	5.0	14	13	21900	66	7400	140	2400	2.7	2000	10	5.2	-1.0	36	5	6.6	1.1	
5148	RC072	36.4892	79.5980	7.8	57	12.6	59	46	27300	278	11000	1310	41300	7.5	1900	40	11.2	1.3	141	28	4.2	0.5	0.053
5149	RC073	36.4809	79.5584	7.8	79	5.1	14	44	24400	26	13000	1120	14600	6.4	5400	20	3.5	-1.0	35	5	5.7	0.7	
5153	RC077	36.4874	79.6854	8.2	68	3.3	13	9	53700	53	31400	590	7100	8.6	3500	60	3.5	2.0	32	6	2.6	0.9	
5154	RC078	36.4705	79.6872	7.9	58	3.1	5	9	45700	10	15800	290	8300	4.8	2100	40	1.1	-1.0	9	3	N	0.2	
5155	RC079	36.4492	79.6876	7.9	65	3.7	11	22	33800	-20	21200	380	8900	14.4	1300	40	2.3	-1.0	22	6	5.2	0.5	
5156	RC080	36.4473	79.7140	8.0	92	2.0	8	10	9300	41	14000	80	1600	5.5	700	10	N	5.7	24	4	4.2	-0.2	
5157	RC081	36.4657	79.7503	7.8	71	5.0	N	47	35400	N	N	130	5700	3.7	N	10	1.9	N	N	N	N	N	
5158	RC082	36.4800	79.7864	8.2	60	4.0	13	47	13700	84	34200	130	3300	8.4	1400	10	4.4	-1.0	23	5	6.8	0.5	

DANVILLE 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
863	CS012	36.5080	79.3938	1.2	-0.1	0	17	1.5	800	5	-5	3	9000	8	4850	2	5	5	700	-10	1	10	.	-2	5	10
864	CS013	36.5302	79.3534	1.1	0.1	1	102	1.5	200	-5	-5	3	17000	5	2100	-2	5	5	700	-10	1	-5	.	-2	5	10
865	CS014	36.5214	79.2574	1.1	0.2	0	62	2.0	700	-5	-5	3	16000	7	4400	-2	5	-5	700	-10	1	-5	.	-2	-5	7
866	CS015	36.5253	79.2116	1.1	-0.1	1	10	1.5	200	-5	-5	-2	5000	5	2600	-2	-5	5	700	-10	-1	10	.	-2	135	7
867	CS016	36.5377	79.2796	0.7	0.3	1	267	2.5	8600	7	-5	14	25000	-5	5950	3	40	12	3800	-10	2	5	.	-2	5	35
868	CS017	36.5316	79.1719	1.6	-0.1	0	22	1.0	300	5	5	3	11000	8	3400	2	-5	5	700	-10	1	-5	.	-2	25	10
869	CS018	36.5370	79.1368	1.8	-0.1	0	5	1.5	600	-5	-5	2	7000	7	3550	-2	-5	5	600	-10	-1	-5	.	-2	-5	7
896	CS045	36.5153	79.4560	1.4	0.1	2	27	1.0	-100	-5	6	-2	25000	5	1500	-2	10	5	700	-10	-1	10	.	-2	-5	5
897	CS046	36.5200	79.4360	2.2	0.1		12	1.0	300	-5	7	-2	22000	5	1600	-2	5	5	700	-10	-1	10	.	-2	10	5
898	CS047	36.5271	79.5060	1.4	0.3	1	15	1.5	1000	-5	5	2	11000	5	1700	-2	5	5	700	-10	2	-5	.	-2	10	7
3009	PN019	36.5022	79.0129	1.4	-0.1	0	27	1.0	1000	5	8	6	4000	-5	3600	-2	-5	5	800	-10	-1	-5	.	-2	-5	10
3243	RC034	36.5308	79.9904	1.2	0.3	2	232	1.5	100	5	-5	7	16000	-5	750	-2	5	10	100	-10	-1	-5	.	-2	-5	27
3244	RC035	36.5039	79.9635	1.0	0.2	1	205	2.0	-100	10	-5	8	15000	-5	800	-2	15	10	200	-10	-1	-5	.	-2	-5	52
3245	RC036	36.5114	79.9456	0.9	0.3		172	1.0	200	7	5	6	13000	6	2750	-2	15	7	200	-10	-1	15	.	-2	-5	65
3246	RC037	36.5308	79.8518	0.7	0.2	0	25	1.0	-100	-5	15	3	6000	7	2500	-2	25	5	100	-10	-1	10	.	-2	-5	25
3247	RC038	36.5258	79.8199	0.5	0.5		327	1.5	-100	7	-5	5	19000	5	850	-2	5	5	200	-10	-1	-5	.	-2	-5	52
3248	RC039	36.5181	79.8367	0.5	0.2		280	1.0	100	7	-5	5	12000	6	2000	-2	15	-5	300	-10	-1	5	.	-2	-5	62
3283	RC074	36.5152	79.5196	0.9	0.5	7	22	1.0	-100	5	-5	7	8000	7	650	3	-5	7	100	-10	-1	-5	.	-2	-5	25
3284	RC075	36.5262	79.5564	0.5	0.3	1	47	0.5	100	10	-5	9	5000	8	1600	-2	-5	10	100	-10	-1	-5	.	-2	-5	45
3285	RC076	36.5276	79.6001	0.9	0.5	1	-5	0.5	500	5	-5	4	5000	9	2300	-2	-5	-5	100	-10	7	-5	.	-2	-5	22
3292	RC083	36.5315	79.6516	1.2	0.6	1	82	1.5	900	-5	-5	15	14000	12	1500	-2	45	10	400	15	-1	5	.	-2	15	57

GREENSBORO 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
116	AL001	36.1094	79.3317	0.7	0.1	1	5	0.5	300	10	17	9	-1000	-5	2850	-2	20	7	800	-10	2	10	.	-2	5	17
117	AL002	36.1153	79.2900	0.7	0.2		5	1.0	200	-5	7	7	2000	6	3150	-2	10	5	1000	-10	1	-5	.	2	-5	20
118	AL003	36.1402	79.2769	0.5	0.2		17	0.5	200	5	6	4	2000	-5	2750	3	-5	5	800	-10	2	-5	.	-2	-5	10
119	AL004	36.1931	79.2676	0.8	0.1	0	20	0.5	200	-5	5	3	2000	-5	3700	3	10	-5	900	-10	2	-5	.	2	-5	7
120	AL005	36.2192	79.2629	0.7	0.2	1	45	1.0	200	10	6	4	5000	-5	3150	-2	-5	5	900	-10	1	-5	.	-2	-5	15
121	AL006	36.2353	79.3226	0.7	0.2	1	12	0.5	500	7	27	2	-1000	-5	2400	4	-5	7	1000	-10	1	-5	.	3	-5	12
122	AL007	36.2081	79.3509	0.7	0.1	0	17	0.5	300	5	20	4	2000	7	3600	-2	-5	7	1000	-10	2	-5	.	2	5	10
123	AL008	36.1886	79.3944	1.5	0.2		45	0.5	400	10	6	6	1000	-5	1550	3	5	5	1000	-10	1	-5	.	2	5	15
124	AL009	36.1530	79.3928	0.8	0.1	1	5	0.5	300	-5	8	3	-1000	-5	2300	-2	5	7	700	-10	2	10	.	2	5	7
125	AL010	36.1662	79.3591	0.7	-0.1		10	-0.5	400	15	15	-2	1000	6	4070	4	5	22	700	-10	1	-5	.	2	-5	15
126	AL011	36.1898	79.3036	0.7	-0.1	1	15	0.5	300	7	6	4	2000	-5	3400	2	5	5	900	-10	2	-5	.	-2	-5	12
127	AL012	36.1469	79.3208	0.7	-0.1	3	-5	0.5	200	-5	5	2	-1000	-5	1550	3	-5	7	700	-10	2	-5	.	-2	5	7
128	AL013	36.1043	79.3779	1.7	-0.1	0	6	0.8	1000	15	12	9	1000	8	4780	2	-5	22	700	-10	1	10	.	2	-5	22
129	AL014	36.1688	79.4292	0.5	0.1	3	7	0.5	600	5	24	5	-1000	-5	3750	3	5	5	1000	-10	2	15	.	-2	5	7
130	AL015	36.2327	79.4394	0.6	0.2	1	20	0.5	300	-5	37	4	4000	-5	5150	2	-5	-5	1100	-10	1	10	.	2	5	5
131	AL016	36.2309	79.3959	1.4	0.3		117	1.5	400	17	9	27	3000	10	3700	-2	-5	12	1000	25	-1	-5	.	-2	-5	70
132	AL017	36.2209	79.4670	0.7	0.4		50	0.5	300	10	7	11	2000	-5	2450	-2	5	7	1000	-10	-1	10	.	-2	-5	20
133	AL018	36.2241	79.4916	0.7	0.2	2	47	0.5	300	5	6	8	1000	-5	4650	4	10	10	700	10	-1	5	.	-2	10	15
134	AL019	36.2013	79.4541	0.7	0.3	1	37	1.0	400	-5	20	7	1000	-5	4700	-2	5	7	600	-10	-1	-5	.	-2	5	17
135	AL020	36.1806	79.4853	0.7	0.2	0	12	0.5	400	5	13	5	1000	-5	3350	2	-5	5	700	-10	-1	-5	.	-2	-5	10
136	AL021	36.1725	79.5306	1.5	0.3	1	22	0.5	300	-5	10	4	-1000	-5	2750	-2	10	7	800	-10	-1	-5	.	-2	10	10
137	AL022	36.1377	79.5125	1.2	0.2	3	12	0.5	200	-5	10	3	-1000	-5	2800	2	-5	-5	800	-10	-1	10	.	-2	-5	10
138	AL023	36.1238	79.5274	1.4	0.2	2	15	0.5	200	-5	10	7	-1000	-5	2050	-2	5	7	1000	-10	-1	10	.	-2	-5	30
139	AL024	36.0508	79.4799	0.6	0.1		7	0.5	600	15	5	12	-1000	-5	4550	2	5	7	800	12	-1	10	.	2	-5	17
140	AL025	36.0316	79.5075	1.6	0.4	0	22	1.0	300	15	7	15	1000	-5	6450	-2	5	12	900	10	-1	-5	.	-2	-5	20
141	AL026	36.0491	79.5141	0.6	0.2	1	75	0.5	700	25	6	26	2000	-5	2850	-2	45	20	1000	10	-1	-5	.	-2	-5	57
151	AL036	36.0028	79.4688	1.8	0.2	1	20	1.0	600	35	12	23	1000	6	9450	-2	5	17	900	12	-1	-5	.	-2	-5	40
162	AL047	36.0468	79.3756	0.5	0.4	3	52	1.0	800	22	5	24	1000	-5	2850	-2	5	10	700	30	-1	-5	.	-2	10	42
163	AL048	36.0459	79.3559	0.7	0.1	2	15	1.5	100	15	13	9	-1000	5	1950	-2	5	-5	1000	10	-1	-5	.	-2	-5	17
164	AL049	36.0409	79.3043	0.7	0.2	2	12	0.5	200	12	8	11	1000	8	2850	3	-5	5	900	10	-1	10	.	-2	10	27
165	AL050	36.0355	79.2830	1.6	0.5	4	27	1.0	200	15	12	16	3000	8	2650	2	10	5	900	17	-1	-5	.	-2	10	32
166	AL051	36.0288	79.2792	1.6	0.2	3	27	1.5	300	25	7	15	4000	13	2150	2	10	5	700	17	-1	10	.	-2	5	40
173	AL058	36.0014	79.3444	0.7	0.3	3	172	1.5	400	17	10	15	6000	-5	2300	2	10	5	800	12	-1	-5	.	-2	-5	37
852	CS001	36.2890	79.1561	.	.	1	.	.	.	.	.	.	.	.	.	6	-5	.	.	.	-1	50	.	-2	6	.
853	CS002	36.2989	79.2047	0.4	0.1	0	22	1.0	800	-5	-5	4	1000	-5	2500	-2	5	5	700	-10	-1	15	.	-2	-5	10
854	CS003	36.3338	79.2056	0.3	0.2	0	22	1.5	500	7	5	6	1000	5	2250	-2	5	7	800	-10	1	5	.	-2	-5	12

GREENSBORO 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
855	CS004	36.3376	79.1594	0.7	0.1		22	1.0	700	-5	-5	2	1000	-5	2250	-2	-5	-5	700	-10	1	-5	.	-2	-5	7
856	CS005	36.3536	79.1439	0.7	0.3	0	38	1.5	1000	7	-5	10	2000	7	6050	-2	40	7	700	-10	-1	5	.	-2	-5	17
857	CS006	36.3835	79.1592	0.4	0.1	0	15	1.0	1000	5	-5	5	-1000	7	6200	-2	50	7	800	-10	1	10	.	-2	-5	10
858	CS007	36.3964	79.1803	0.4	0.2	0	80	1.0	800	12	-5	30	-1000	-5	3550	2	40	10	900	-10	-1	-5	.	-2	-5	17
859	CS008	36.4052	79.2318	0.8	0.3	0	17	1.5	300	10	-5	12	2000	5	5200	2	50	5	1000	10	1	-5	.	-2	-5	22
860	CS009	36.3472	79.2823	0.4	0.3	0	24	2.1	2700	22	-5	15	3000	8	10890	7	10	30	700	-10	3	50	.	-2	5	40
861	CS010	36.3851	79.3311	0.8	-0.1	0	17	1.5	1900	5	-5	9	3000	-5	4950	-2	10	5	800	-10	-1	-5	.	-2	-5	15
862	CS011	36.4594	79.3745	1.6	0.2		32	2.0	800	-5	-5	5	11000	9	4800	-2	5	10	800	-10	1	15	.	-2	-5	15
870	CS019	36.4908	79.1377	1.8	0.2	0	47	1.5	400	-5	-5	8	11000	5	3150	2	-5	-5	800	10	-1	10	.	-2	-5	10
871	CS020	36.4858	79.2018	1.8	0.1	0	127	1.5	600	-5	-5	4	13000	-5	1350	-2	-5	7	700	-10	-1	-5	.	-2	-5	32
872	CS021	36.4495	79.1821	0.7	0.3	1	27	1.5	1400	5	5	7	3000	-5	4100	-2	15	5	1100	-10	1	-5	.	-2	-5	17
873	CS022	36.2524	79.3285	0.7	0.3	3	25	1.5	500	-5	5	2	2000	-5	3000	-2	-5	-5	700	-10	1	5	.	-2	5	7
874	CS023	36.2660	79.2576	0.8	0.3	1	15	1.5	800	-5	-5	3	1000	-5	5050	2	15	-5	800	-10	1	-5	.	-2	-5	12
875	CS024	36.2653	79.2194	1.0	0.3	1	21	2.3	3100	5	-5	-2	4000	10	6000	10	-5	15	600	-10	8	117	.	-2	10	30
876	CS025	36.2894	79.2585	0.7	0.3	3	.	.	2500	5	.	9	.	.	.	10	15	20	.	-10	5	133	.	-2	30	40
877	CS026	36.3615	79.2350	0.7	0.2		7	1.5	900	5	-5	8	1000	5	6950	-2	45	5	900	-10	1	10	.	-2	-5	17
878	CS027	36.3145	79.3069	0.7	0.1	1	17	1.5	900	5	-5	7	2000	5	7950	-2	40	5	800	-10	1	-5	.	-2	-5	10
879	CS028	36.2997	79.3449	1.4	0.1	2	137	1.5	1000	7	5	8	2000	-5	5700	2	25	5	800	-10	1	5	.	-2	-5	10
880	CS029	36.3185	79.3583	0.8	0.1		27	2.5	900	12	-5	13	1000	6	6950	-2	25	7	1000	-10	1	.	.	-2	-5	12
881	CS030	36.3472	79.3165	0.7	0.1		10	0.5	500	5	12	7	1000	-5	6450	-2	15	7	800	-10	-1	5	.	-2	-5	10
882	CS031	36.4877	79.3021	1.6	0.2	1	85	1.0	400	-5	9	4	19000	6	3200	-2	10	7	900	-10	-1	10	.	-2	-5	10
883	CS032	36.4947	79.2596	0.7	0.1		87	0.5	900	-5	5	2	17000	-5	3400	-2	5	7	700	-10	-1	-5	.	-2	-5	5
884	CS033	36.4688	79.2056	1.6	0.3	0	92	1.0	900	-5	9	4	11000	-5	4000	-2	10	5	800	-10	-1	-5	.	-2	10	7
885	CS034	36.4511	79.2179	1.6	0.4	1	32	0.5	500	-5	7	12	7000	-5	2650	-2	5	5	900	-10	2	5	.	-2	10	22
886	CS035	36.4574	79.2965	1.6	0.2		86	0.6	1100	7	13	7	15000	5	2900	-2	15	5	700	-10	-1	-5	.	-2	5	20
887	CS036	36.4571	79.3272	1.6	0.2	1	35	1.0	500	-5	8	3	20000	6	3300	2	10	5	1000	-10	-1	-5	.	-2	-5	7
888	CS037	36.2617	79.5011	1.8	0.2	2	22	0.5	500	10	30	8	1000	-5	4650	3	15	5	800	-10	-1	5	.	-2	10	12
889	CS038	36.2747	79.4531	1.6	0.3	0	22	1.0	500	10	14	9	3000	-5	5150	-2	5	7	1000	-10	-1	-5	.	-2	-5	10
890	CS039	36.2759	79.4876	0.6	0.2	1	10	0.5	600	5	12	8	-1000	-5	5700	-2	10	7	1000	-10	-1	-5	.	-2	15	10
891	CS040	36.3129	79.5116	1.6	0.3	0	57	1.0	300	-5	8	8	16000	6	3250	-2	15	5	800	10	-1	-5	.	-2	5	20
892	CS041	36.3862	79.4996	1.5	0.3	1	112	1.5	700	-5	8	3	22000	-5	3200	2	-5	-5	900	-10	-1	-5	.	-2	-5	7
893	CS042	36.4238	79.4734	1.6	0.5	4	87	2.0	300	12	6	15	12000	21	2900	-2	10	10	1100	22	1	-5	.	-2	5	47
894	CS043	36.4087	79.4422	3.1	0.3	2	35	1.0	500	-5	7	4	15000	9	3000	-2	5	5	900	-10	-1	-5	.	2	-5	12
895	CS044	36.4101	79.4125	2.6	0.1		27	1.0	400	-5	6	3	17000	8	2350	-2	-5	-5	700	-10	-1	5	.	-2	-5	10
899	CS048	36.4976	79.5087	1.6	0.3	1	7	1.0	300	-5	6	3	6000	-5	2650	-2	5	-5	700	-10	-1	10	.	-2	-5	10
900	CS049	36.4633	79.4662	0.6	0.1	1	27	1.0	200	-5	10	-2	24000	6	3450	-2	5	-5	700	-10	-1	15	.	-2	-5	5

GREENSBORO 100K QUADRANGLE - SUPPLEMENTAL STREAM SEDIMENT

Lab #	County ID	Lat	Long	Ux	Ag	As	Ba	Be	Ca	Co	Cr	Cu	K	Li	Mg	Mo	Nb	Ni	P	Pb	Se	Sn	Sr	W	Y	Zn
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
901	CS050	36.4747	79.4282	1.2	0.2		22	0.5	100	-5	6	-2	17000	7	800	2	10	-5	700	-10	1	10	.	-2	195	5
902	CS051	36.4494	79.4105	1.6	0.2	1	42	0.5	400	-5	6	4	16000	8	2050	-2	-5	5	700	-10	-1	-5	.	-2	5	30
903	CS052	36.2486	79.4582	0.7	0.3	0	17	0.5	800	7	19	10	2000	5	5200	2	5	7	800	-10	-1	-5	.	2	5	10
904	CS053	36.2608	79.3707	1.6	0.5	0	35	1.0	700	10	13	8	3000	-5	3700	-5	-5	7	700	-10	-1	-5	.	-2	-5	10
905	CS054	36.2757	79.4189	0.8	0.2	0	40	1.0	1600	5	22	8	2000	-5	6950	-5	20	5	1000	-10	-1	10	.	-2	-5	10
906	CS055	36.2992	79.4047	0.7	0.2	2	15	0.5	500	5	14	9	1000	-5	4450	-5	50	5	800	-10	2	-5	.	-2	5	7
907	CS056	36.3323	79.4715	1.6	0.3	2	187	1.5	600	5	7	7	23000	-5	1900	-5	10	7	1000	-10	-1	-5	.	-2	5	10
908	CS057	36.3606	79.4820	1.6	0.2	3	85	1.5	600	-5	7	8	16000	-5	3250	-5	-5	5	900	10	-1	-5	.	-2	-5	12
909	CS058	36.3531	79.4169	1.4	0.3		67	1.0	500	-5	12	5	6000	-5	1850	-5	10	5	700	-10	-1	-5	.	-2	-5	7
910	CS059	36.3663	79.4424	0.6	0.4	3	202	1.5	700	-5	6	5	20000	-5	2250	-5	5	5	1000	-10	-1	-5	.	-2	-5	10
911	CS060	36.3912	79.3669	1.4	0.3		87	2.0	1600	-5	9	8	23000	5	2550	2	10	10	1200	-10	-1	-5	.	-2	10	25
912	CS061	36.3766	79.3802	0.6	0.1		382	1.0	600	5	8	4	19000	-5	1700	-2	5	5	800	10	1	20	.	-2	10	7
913	CS062	36.3298	79.3762	0.6	0.1	0	22	0.5	600	5	12	8	1000	-5	3150	-2	15	5	800	-10	-1	-5	.	-2	-5	7
1735	GU013	36.0185	79.9136	0.5	0.3	1	30	1.0	100	7	20	7	3000	-5	3900	-2	5	5	300	15	-1	-5	.	-2	-5	25
1737	GU015	36.0013	79.9727	0.7	0.3		40	1.5	100	12	10	9	4000	-5	2700	-2	10	12	300	15	-1	-5	.	-2	-5	40
1743	GU021	36.1963	79.9818	1.4	0.6	1	532	2.5	400	20	10	13	52000	11	2300	-2	10	10	700	15	-1	-5	.	-2	-5	65
1746	GU024	36.0655	79.9560	1.0	0.4		125	1.5	900	17	15	17	22000	-5	3100	-2	40	10	700	12	-1	5	.	-2	-5	52
1747	GU025	36.0146	79.7891	0.4	0.1	0	15	1.5	500	10	15	7	28000	-5	9950	-2	25	5	200	-10	-1	5	.	-2	-5	25
1748	GU026	36.0253	79.7364	0.6	0.2		27	1.0	100	7	10	7	3000	6	10350	-2	30	5	200	-10	-1	-5	.	-2	-5	20
1749	GU027	36.0336	79.6969	0.9	0.1		53	2.8	700	17	18	11	5000	7	8790	-2	35	7	200	10	1	5	.	-2	-5	27
1750	GU028	36.0490	79.6644	0.4	0.3		17	1.5	400	5	10	4	2000	9	7850	-2	60	5	100	-10	1	5	.	-2	-5	12
1751	GU029	36.0652	79.5993	1.7	0.3		23	2.0	400	7	10	5	3000	-5	2340	-2	5	5	200	-10	-1	10	.	-2	-5	17
1752	GU030	36.0657	79.6455	0.5	0.2	1	17	1.5	1200	5	20	5	6000	5	4500	-2	15	5	200	-10	-1	-5	.	-2	-5	25
1753	GU031	36.0150	79.6261	0.7	0.1	1	17	1.5	400	7	10	7	5000	-5	3500	-2	20	5	200	-10	-1	-5	.	-2	-5	22
1754	GU032	36.0063	79.6541	0.5	0.3		120	1.0	700	7	15	5	4000	-5	5300	-2	20	5	200	-10	2	-5	.	-2	-5	17
1755	GU033	36.0091	79.6967	0.2	0.3	1	25	2.0	-100	7	10	9	5000	5	3750	-2	15	5	200	-10	-1	-5	.	-2	-5	20
1766	GU044	36.0378	79.9468	1.2	0.6	1	85	2.0	100	20	20	15	17000	-5	2100	-2	15	7	400	10	-1	5	.	-2	-5	55
1767	GU045	36.0887	79.9693	.	0.3		20	2.0	-100	10	15	10	26000	6	2500	3	15	5	700	-10	-1	-5	.	-2	5	37
1768	GU046	36.0993	79.9093	1.4	0.4		92	2.0	400	20	15	18	8000	-5	3150	-2	10	7	500	10	-1	-5	.	-2	10	45
1769	GU047	36.1175	79.8699	0.4	0.2	1	52	1.5	100	15	10	13	7000	-5	2500	-2	5	5	400	-10	-1	5	.	-2	5	45
1770	GU048	36.1217	79.8838	1.0	0.2	2	140	1.5	-100	5	5	7	33000	-5	1600	-2	10	5	500	-10	1	-5	.	-2	10	20
1771	GU049	36.1404	79.8577	1.2	0.4	1	157	2.0	100	15	5	12	26000	-5	2600	-2	10	47	500	-10	2	-5	.	-2	-5	37
1772	GU050	36.1396	79.8349	.	0.6	2	150	2.0	500	5	10	9	27000	-5	2600	-2	5	5	600	125	1	-5	.	-2	-5	47
1773	GU051	36.2132	79.8467	1.5	0.4	1	292	1.5	400	7	10	5	47000	-5	2950	-2	15	5	700	-10	1	-5	.	-2	-5	32
1774	GU052	36.2528	79.9263	1.0	0.2	1	7	2.0	-100	-5	15	3	18000	-5	2750	-2	5	-5	-20	-10	-1	-5	.	-2	-5	17
1775	GU053	36.2268	79.9170	1.6	0.2	1	47	2.0	100	5	10	6	38000	-5	2450	-2	10	5	300	-10	-1	5	.	-2	-5	40

GREENSBORO 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
1776	GU054	36.1778	79.8820	1.7	0.5	2	388	2.6	100	25	10	12	55000	12	1430	-2	5	22	1100	22	2	-5	.	-2	-5	82
1777	GU055	36.1642	79.9195	1.5	0.5	2	367	3.0	1000	10	10	9	38000	-5	2200	-2	5	10	1400	12	-1	-5	.	-2	10	45
1778	GU056	36.1713	79.9553	1.6	0.4		138	3.0	600	12	15	9	66000	-5	4850	-2	15	12	500	10	-1	-5	.	-2	-5	57
1779	GU057	36.1836	79.9303	1.5	0.2		467	2.5	-100	17	10	8	51000	5	2250	-2	15	12	700	-10	-1	-5	.	-2	-5	50
1781	GU059	36.1343	79.9750	2.1	0.4	0	742	2.0	400	7	35	5	54000	-5	1100	-2	10	17	1000	-10	-1	-5	.	-2	-5	45
1782	GU060	36.0023	79.5531	.	0.5	2	35	1.5	100	27	10	18	9000	-5	2950	-2	20	7	400	-10	-1	-5	.	-2	-5	42
1783	GU061	36.0474	79.5512	0.6	0.4	1	20	1.5	2500	15	15	11	5000	-5	4050	-2	25	5	500	12	-1	-5	.	-2	-5	37
1784	GU062	36.0932	79.5632	0.7	0.4	1	52	1.0	700	17	10	12	3000	-5	1100	-2	10	5	500	10	-1	-5	.	-2	-5	30
1785	GU063	36.1158	79.55u3	2.0	0.2	1	35	1.0	200	12	25	6	3000	-5	2450	-2	10	7	300	-10	-1	-5	.	-2	10	22
1786	GU064	36.1122	79.6036	0.7	0.3	1	25	1.0	900	7	20	7	5000	-5	2500	-2	15	5	500	-10	1	-5	.	-2	-5	32
1787	GU065	36.1291	79.5542	1.2	0.1	2	32	1.5	100	10	15	6	4000	-5	2800	-2	10	7	300	-10	-1	-5	.	-2	-5	25
1788	GU066	36.0814	79.6135	1.2	0.3		32	1.5	200	-5	10	5	3000	-5	1800	-2	5	-5	300	-10	-1	-5	.	-2	-5	22
1789	GU067	36.0873	79.6890	1.4	0.4		35	1.5	2100	5	60	9	3000	-5	8600	-2	50	5	-20	17	-1	-5	.	-2	-5	87
1790	GU068	36.0848	79.6527	0.4	0.1	1	37	1.5	500	5	10	6	3000	-5	3200	-2	10	5	500	-10	-1	-5	.	-2	10	22
1791	GU069	36.1250	79.6807	0.7	0.4	1	25	1.5	1200	10	30	16	5000	-5	5500	-2	15	12	500	20	-1	-5	.	-2	-5	157
1792	GU070	36.1273	79.7003	0.5	0.5	2	22	2.0	500	15	10	11	6000	-5	3400	-2	15	7	100	-10	-1	-5	.	-2	-5	37
1793	GU071	36.1437	79.6529	0.6	0.5		22	1.5	900	12	25	9	2000	-5	2750	-2	10	5	100	-10	-1	-5	.	-2	-5	30
1794	GU072	36.1591	79.6027	1.2	0.4	1	350	1.5	700	7	50	11	6000	-5	5100	-2	10	7	300	15	-1	-5	.	-2	-5	135
1795	GU073	36.1888	79.6038	1.4	0.2		72	1.5	400	10	35	10	5000	-5	2400	-2	10	5	300	-10	-1	-5	.	-2	-5	37
1796	GU074	36.1965	79.5761	2.9	0.7	1	42	2.0	100	12	10	12	4000	-5	2750	-2	20	7	500	-10	-1	-5	.	-2	-5	47
1797	GU075	36.2329	79.5611	4.2	0.3		50	2.0	100	7	15	13	17000	-5	2500	-2	15	15	300	-10	-1	-5	.	-2	-5	32
1798	GU076	36.2372	79.6327	0.5	0.2	2	42	1.5	-100	-5	10	4	39000	-5	850	-2	10	-5	100	-10	-1	-5	.	-2	-5	15
1799	GU077	36.2325	79.6631	1.5	0.2	2	247	2.0	-100	-5	10	2	55000	-5	1400	-2	5	-5	100	-10	-1	-5	.	-2	-5	12
1800	GU078	36.1889	79.6766	0.2	0.4	1	57	1.5	-100	5	10	9	39000	-5	2350	-2	5	5	300	-10	-1	-5	.	-2	-5	22
1801	GU079	36.1928	79.6509	0.4	0.4	1	42	1.5	200	7	10	8	5000	-5	1250	-2	10	7	100	-10	-1	-5	.	-2	-5	30
1802	GU080	36.1325	79.7255	1.0	0.4		25	2.0	1400	17	15	14	10000	-5	10500	-2	15	7	300	-10	-1	-5	.	-2	-5	50
1803	GU081	36.1706	79.7181	0.6	0.3	1	60	2.0	100	12	8	17	4000	-5	1100	-2	-5	7	200	-10	1	5	.	-2	-5	42
1804	GU082	36.2460	79.7856	0.6	0.3	2	192	2.0	900	10	-5	4	18000	-5	2150	-2	-5	-5	400	-10	-1	5	.	-2	-5	30
1805	GU083	36.2121	79.7790	1.4	0.3	2	947	2.5	500	5	5	3	33000	-5	850	-2	-5	7	800	-10	-1	-5	.	-2	-5	35
1806	GU084	36.1873	79.7880	2.4	0.1	1	907	2.0	100	7	-5	4	26000	7	800	4	5	5	400	-10	-1	5	.	-2	-5	37
1807	GU085	36.1191	79.9296	1.2	0.8	4	520	2.5	100	25	8	16	12000	-5	950	3	15	10	400	60	2	-5	.	-2	-5	82
2929	OR001	36.0554	79.1393	1.7	0.2	4	125	1.0	400	7	-5	17	33000	7	1250	-2	5	-5	800	20	1	5	.	-2	5	30
2931	OR003	36.0199	79.0005	1.6	0.1	7	142	1.5	600	-5	5	6	10000	6	-200	-2	-5	-5	700	10	-1	-5	.	-2	10	20
2932	OR004	36.0762	79.0685	1.7	0.4	9	77	1.5	400	-5	-5	13	5000	6	400	2	10	-5	1000	47	-1	15	.	-2	-5	47
2933	OR005	36.1012	79.0898	0.7	0.3	18	82	1.0	100	10	-5	12	2000	5	400	-2	5	-5	1000	17	1	-5	.	-2	-5	40
2934	OR006	36.1181	79.1358	1.6	0.2	26	62	1.0	300	5	-5	13	3000	12	600	-2	15	-5	1000	17	-1	-5	.	-2	-5	22

GREENSBORO 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
2935	OR007	36.1261	79.1775	0.8	0.3	21	42	1.5	200	-5	-5	6	2000	6	1600	3	-5	-5	900	10	-1	-5	.	-2	5	15
2936	OR008	36.1424	79.1818	1.1	0.4	19	70	1.0	500	-5	-5	9	3000	-5	250	-2	5	-5	1000	17	-1	-5	.	-2	5	25
2937	OR009	36.0889	79.1938	1.2	0.2	27	17	0.5	400	-5	-5	8	1000	-5	300	-2	10	-5	800	-10	2	-5	.	-2	-5	12
2938	OR010	36.1707	79.1445	0.7	-0.1	26	57	1.0	300	10	-5	14	3000	-5	900	2	-5	5	1000	-10	1	-5	.	-2	5	25
2939	OR011	36.1714	79.1923	0.4	0.1	7	22	1.0	200	-5	-5	4	2000	-5	600	2	-5	-5	1000	-10	-1	-5	.	-2	-5	5
2940	OR012	36.1820	79.2298	1.4	0.1	5	25	1.5	600	-5	8	4	3000	6	1350	4	5	7	1000	-10	1	5	.	-2	-5	15
2941	OR013	36.2035	79.1940	0.8	-0.1	4	5	1.0	200	-5	9	-2	2000	8	1850	-2	10	-5	1000	-10	-1	15	.	-2	-5	7
2942	OR014	36.2034	79.1560	0.7	0.2	4	5	1.0	300	-5	11	-2	2000	-5	1100	-2	5	-5	700	-10	2	-5	.	-2	-5	5
2943	OR015	36.2358	79.1790	0.8	0.3	4	37	1.5	1000	17	6	17	3000	7	4550	-2	15	27	900	10	-1	-5	.	2	10	47
2944	OR016	36.2080	79.2533	0.8	-0.1	1	10	1.0	400	-5	7	3	2000	5	2650	-2	5	-5	800	-10	2	15	.	-2	-5	7
2945	OR017	36.1850	79.2628	1.2	0.2	2	10	1.0	500	-5	13	-2	1000	5	3150	-2	10	-5	900	-10	-1	10	.	-2	-5	7
2946	OR018	36.1470	79.2593	0.8	0.1	2	10	1.0	300	5	-5	7	3000	8	3550	-2	5	10	700	10	-1	5	.	-2	-5	17
2947	OR019	36.1213	79.2531	1.0	0.1	2	12	1.0	400	7	5	9	2000	9	2300	-2	10	7	900	-10	1	10	.	-2	-5	17
2948	OR020	36.1067	79.2559	1.2	0.2	4	17	1.5	100	7	-5	5	2000	6	2700	-2	10	-5	800	10	-1	5	.	-2	-5	22
2949	OR021	36.0877	79.0624	1.6	0.1	4	10	1.5	300	7	-5	11	3000	10	2700	-2	5	-5	900	12	1	5	.	-2	-5	32
2950	OR022	36.0922	79.0544	0.8	0.2	3	30	1.5	500	7	-5	13	6000	9	1300	-2	40	-5	1000	15	3	-5	.	-2	-5	32
2951	OR023	36.1085	79.0157	0.8	0.3		10	1.0	200	5	-5	3	7000	10	2450	-2	20	-5	700	-10	-1	15	.	-2	5	10
2960	OR032	36.2364	79.0555	0.9	0.4	4	20	1.5	200	10	10	21	2000	13	2900	-2	15	-5	1000	12	-1	-5	.	-2	-5	32
2961	OR033	36.2256	79.0197	1.6	0.3	6	12	1.5	200	12	10	9	3000	13	2150	-2	25	5	900	15	2	5	.	2	-5	27
2963	OR035	36.1992	79.0483	0.8	0.1	4	7	1.0	300	5	7	4	3000	8	2200	-2	10	-5	900	10	3	10	.	2	-5	15
2964	OR036	36.2203	79.0807	0.7	0.2	2	10	1.0	400	-5	14	4	4000	12	3100	-2	15	-5	1000	10	-1	-5	.	-2	-5	22
2965	OR037	36.1903	79.1093	0.4	0.1	4	7	1.0	600	-5	17	2	4000	6	2150	-2	5	5	1000	-10	-1	-5	.	-2	-5	10
2966	OR038	36.1596	79.0563	2.0	0.1	4	5	1.5	300	-5	7	3	3000	8	2900	-2	15	-5	1000	-10	-1	5	.	-2	-5	20
2967	OR039	36.1405	79.0197	0.7	0.2	3	5	1.5	200	10	5	5	3000	8	2300	-2	10	5	1000	-10	-1	-5	.	-2	-5	22
2968	OR040	36.1391	79.0809	1.6	0.3	5	30	1.5	500	10	5	14	4000	16	2200	-2	15	-5	1600	15	2	10	.	-2	-5	70
2969	OR041	36.0355	79.0425	1.1	0.1	5	7	1.5	500	5	5	11	4000	8	3750	-2	10	5	800	32	1	-5	.	-2	-5	27
2970	OR042	36.0041	79.0898	0.8	0.1	4	7	1.5	200	10	6	7	7000	7	1600	-2	15	5	900	45	1	5	.	-2	5	22
2971	OR043	36.0031	79.1219	1.3	0.2	16	15	1.5	600	10	7	11	4000	10	4350	-2	5	5	1100	15	1	-5	.	-2	-5	32
2987	OR059	36.0320	79.2632	0.4	0.1		15	1.0	300	-5	5	8	3000	8	3200	2	5	5	1000	-10	1	5	.	-2	5	12
2988	OR060	36.0590	79.2061	1.6	0.2	3	17	1.5	500	5	5	12	2000	10	2800	2	20	5	1000	-10	-1	-5	.	-2	-5	17
2990	OR062	36.0213	79.1747	0.8	0.4	3	42	2.0	300	12	5	19	5000	10	3300	-2	10	7	900	15	-1	-5	.	-2	-5	47
2991	PN001	36.4420	79.0831	1.5	0.2	0	45	0.5	300	5	11	3	18000	-5	2100	-2	-5	5	700	-10	-1	15	.	-2	-5	10
2992	PN002	36.4171	79.0988	1.8	0.2	3	15	0.5	400	5	12	7	11000	-5	2450	-2	5	7	700	-10	-1	5	.	-2	-5	12
2993	PN003	36.3839	79.0624	1.4	0.2	1	12	1.0	200	7	10	6	4000	6	2900	-2	5	5	800	-10	-1	-5	.	-2	-5	12
2994	PN004	36.3847	79.1071	0.7	0.4	2	16	1.1	1100	15	17	9	3000	10	7200	-2	5	15	700	15	-1	-5	.	-2	-5	22
2995	PN005	36.3839	79.1204	1.6	0.3	5	27	1.0	700	7	15	8	1000	-5	4250	-2	15	5	900	-10	-1	-5	.	-2	-5	15

GREENSBORO 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
2996	PN006	36.3682	79.1413	1.5	0.4	4	80	0.5	600	5	12	6	11000	-5	2750	-2	15	7	900	-10	-1	-5	.	-2	10	10
2997	PN007	36.3512	79.1417	1.8	0.3	3	52	0.5	400	10	20	7	1000	-5	2000	-2	5	7	900	-10	-1	-5	.	-2	-5	17
2998	PN008	36.3311	79.1154	1.5	0.2	1	67	1.0	500	5	18	8	5000	6	3650	-2	-5	10	1000	15	-1	25	.	-2	5	27
2999	PN009	36.3315	79.0981	0.7	0.2	0	42	1.0	700	-5	29	7	3000	6	1550	-2	-5	7	1000	-10	-1	-5	.	-2	-5	20
3000	PN010	36.3438	79.0817	1.6	0.1	0	25	0.5	400	-5	17	7	2000	-2	1200	2	-5	7	1000	-10	-1	15	.	-2	-5	12
3001	PN011	36.3623	79.0959	1.5	-0.1	0	14	0.8	900	-5	42	4	2000	6	4870	-2	-5	5	700	-10	-1	5	.	-2	-5	10
3002	PN012	36.3380	79.0361	1.6	-0.1	0	7	0.5	500	-5	8	14	3000	5	2400	3	-5	10	700	-10	-1	5	.	-2	-5	7
3003	PN013	36.3590	79.0188	0.7	0.2		5	0.5	300	-5	6	6	6000	5	1100	2	5	-5	900	12	1	10	.	-2	10	17
3005	PN015	36.3961	79.0197	1.5	-0.1		25	0.5	200	-5	5	5	11000	6	850	-2	-5	5	800	10	-1	-5	.	-2	10	10
3006	PN016	36.4008	79.0333	1.2	0.1	0	5	1.0	200	5	7	5	13000	6	1850	-2	-5	5	700	-10	1	-5	.	-2	-5	12
3007	PN017	36.4503	79.0552	1.2	0.2	2	70	0.5	200	-5	14	2	26000	5	3150	2	-5	5	1000	-10	-1	-5	.	-2	5	7
3008	PN018	36.4541	79.0423	1.1	-0.1	2	15	1.0	100	-5	8	2	30000	6	400	2	-5	-5	700	-10	-1	-5	.	-2	-5	5
3036	PN046	36.3033	79.0302	1.8	0.1	3	47	0.5	400	7	10	8	3000	8	2000	-2	5	7	1000	15	-1	-5	.	-2	-5	22
3037	PN047	36.2784	79.0587	0.7	0.1	1	-5	0.5	300	-5	14	2	8000	5	1100	2	5	7	900	-10	-1	-5	.	-2	-5	7
3038	PN048	36.2940	79.0660	0.9	0.4	1	-5	0.5	100	-5	18	3	1000	6	2200	-2	-5	-5	700	-10	1	10	.	-2	-5	7
3039	PN049	36.2657	79.1482	1.6	0.5	0	30	0.5	900	5	30	7	2000	-5	3250	3	5	10	800	-10	2	-5	.	-2	25	15
3040	PN050	36.2415	79.1447	0.7	0.2	0	5	0.5	200	-5	7	4	4000	5	3500	-2	-5	-5	900	-10	2	-5	.	-2	-5	10
3041	PN051	36.2685	79.0815	0.7	0.3	3	22	1.0	300	-5	65	8	5000	8	2100	2	-5	-5	1000	12	3	-5	.	2	-5	20
3042	PN052	36.2663	79.0680	1.6	0.2	0	-5	0.5	-100	-5	8	-2	5000	5	800	3	-5	-5	800	-10	2	5	.	-2	-5	-5
3043	PN053	36.2587	79.0369	1.9	0.2	0	-5	0.5	100	-5	5	5	4000	6	2350	-2	10	-5	900	175	1	-5	.	-2	5	17
3044	PN054	36.2455	79.0142	0.7	0.5	2	10	1.0	200	7	13	11	3000	6	2800	3	-5	5	1100	10	1	-5	.	-2	-5	27
3045	PN055	36.2757	79.0039	0.9	0.5	0	5	1.0	700	5	7	7	4000	5	2900	-2	5	5	1000	15	2	-5	.	-2	-5	22
3210	RC001	36.2541	79.9237	1.1	0.5	1	27	1.5	-100	5	-5	5	8000	12	1100	-2	-5	5	300	-10	-1	5	.	-2	-5	27
3211	RC002	36.2784	79.9602	1.0	0.2	1	50	1.5	-100	-5	-5	4	16000	-5	750	-2	-5	5	100	-10	-1	-5	.	-2	-5	20
3212	RC003	36.3247	79.9742	0.9	0.6	3	47	2.0	-100	5	8	5	12000	7	1150	-2	5	7	100	-10	1	10	.	-2	-5	27
3214	RC005	36.3639	79.9913	3.1	0.3		30	2.0	-100	5	5	4	16000	12	1450	-2	20	5	300	-10	-1	-5	.	-2	-5	22
3215	RC006	36.3553	79.9568	2.1	0.2	1	32	1.5	-100	5	-5	4	10000	8	1000	-2	5	5	100	-10	-1	-5	.	-2	10	22
3216	RC007	36.3352	79.9272	0.9	0.2	2	55	2.0	-100	5	5	5	11000	7	1000	-2	-5	7	100	-10	-1	-5	.	-2	-5	27
3217	RC008	36.3678	79.9339	2.1	0.3	2	22	1.5	-100	-5	7	3	11000	5	850	3	-5	5	100	-10	-1	5	.	-2	-5	15
3218	RC009	36.3772	79.8771	2.4	0.2	3	40	2.0	100	5	-5	3	8000	5	650	-2	5	7	100	-10	-1	-5	.	-2	5	17
3219	RC010	36.3851	79.8312	1.4	0.2	2	32	2.0	-100	5	5	4	10000	5	1750	-2	-5	5	100	-10	-1	-5	.	-2	-5	30
3220	RC011	36.3530	79.7944	1.5	0.4	2	75	1.5	-100	-5	-5	3	16000	13	850	-2	-5	5	100	-10	-1	-5	.	-2	-5	12
3221	RC012	36.3516	79.7918	1.2	0.5	1	197	2.5	700	7	-5	4	12000	-5	650	-2	-5	7	100	-10	-1	-5	.	-2	-5	22
3222	RC013	36.3640	79.7756	0.4	0.6	2	65	2.0	-100	5	8	3	9000	-5	750	-2	-5	10	100	-10	-1	-5	.	-2	-5	20
3223	RC014	36.3074	79.7376	2.4	0.4	2	82	2.0	-100	10	-5	6	11000	-5	1150	-2	5	10	100	-10	-1	10	.	-2	-5	35
3224	RC015	36.2672	79.7319	2.9	0.5	2	732	2.5	-100	15	5	9	19000	-5	850	-2	5	10	200	15	1	5	.	-2	5	47

GREENSBORO 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
3225	RC016	36.2520	79.8081	6.0	0.5	1	377	2.0	200	10	-5	6	20000	-5	900	-2	5	7	400	-10	-1	-5	.	-2	-5	35
3226	RC017	36.2993	79.7776	6.7	0.3	1	47	2.0	-100	7	7	5	9000	-5	2300	2	10	5	200	-10	-1	-5	.	-2	75	35
3227	RC018	36.2969	79.8229	1.0	0.2	1	125	1.5	-100	-5	-5	4	8000	8	350	-2	-5	5	800	-10	-1	-5	.	-2	-5	20
3228	RC019	36.2788	79.8500	2.4	0.2	1	110	2.0	-100	10	-5	6	8000	-5	600	-2	5	7	100	-10	1	-5	.	-2	-5	35
3229	RC020	36.3163	79.8869	1.4	0.3	2	120	2.0	-100	10	-5	11	10000	7	1150	4	5	7	200	-10	1	5	.	-2	-5	45
3230	RC021	36.3320	79.8564	6.0	0.4	2	135	2.0	100	-5	-5	4	13000	16	600	-2	-5	5	200	-10	-1	5	.	-2	10	30
3231	RC022	36.3631	79.8542	3.9	0.4	2	57	2.0	-100	5	6	4	13000	-5	1300	-2	10	5	100	-10	-1	5	.	-2	-5	25
3232	RC023	36.3459	79.8860	3.0	0.4	1	60	2.5	-100	5	-5	4	10000	8	900	-2	10	5	200	-10	-1	5	.	-2	30	25
3233	RC024	36.3061	79.9228	0.5	0.5	2	57	2.0	200	10	5	6	8000	8	1050	-2	10	7	100	-10	-1	-5	.	-2	-5	45
3235	RC026	36.4087	79.9906	0.7	0.4	1	235	2.0	100	10	-5	7	16000	-5	750	-2	5	7	100	-10	-1	15	.	-2	-5	47
3239	RC030	36.4339	79.9854	2.1	0.4	1	150	1.5	-100	5	6	8	13000	5	650	-2	20	7	200	12	-1	-5	.	-2	-5	37
3249	RC040	36.4902	79.8[illegible]4	0.5	0.4		365	0.5	-100	5	5	5	13000	-5	1450	-2	5	-5	200	-10	-1	5	.	-2	-5	40
3250	RC041	36.4980	79.8739	0.4	0.5		497	1.0	100	7	-5	5	11000	9	850	-2	-5	10	200	-10	-1	5	.	-2	-5	45
3251	RC042	36.4819	79.8732	1.1	0.3	1	200	1.5	-100	12	-5	15	13000	15	2050	-2	10	10	200	12	1	-5	.	-2	-5	67
3252	RC043	36.4630	79.9223	1.0	0.5	0	190	1.0	100	-5	-5	9	13000	-5	450	4	10	7	200	-10	-1	-5	.	-2	-5	130
3253	RC044	36.4481	79.9006	0.6	0.5	0	12	0.5	-100	-5	-5	3	7000	7	600	-2	-5	-5	200	-10	-1	10	.	-2	-5	25
3254	RC045	36.4633	79.8623	0.5	0.5	1	5	0.5	-100	-5	-5	3	7000	6	1500	-2	-5	-5	200	-10	2	10	.	-2	-5	17
3255	RC046	36.4339	79.8311	0.6	0.3		10	1.5	-100	5	-5	6	4000	7	2350	2	-5	-5	100	-10	-1	-5	.	-2	-5	40
3256	RC047	36.4180	79.8088	1.1	0.5	0	52	1.0	100	-5	-5	3	11000	-5	200	-2	-5	-5	100	-10	1	5	.	-2	-5	20
3257	RC048	36.4175	79.7911	0.9	0.5		55	0.5	-100	-5	-5	3	9000	6	550	-2	-5	-5	100	-10	-1	5	.	-2	-5	22
3258	RC049	36.4336	79.7649	0.7	0.2		82	1.5	100	5	5	7	12000	-5	1300	-2	5	5	100	-10	-1	-5	.	-2	-5	30
3259	RC050	36.4090	79.8607	0.9	0.4	1	47	1.0	-100	10	-5	10	9000	5	1100	-2	5	10	200	-10	2	-5	.	-2	-5	47
3260	RC051	36.3963	79.7268	0.6	0.4		27	1.0	-100	-5	-5	4	7000	10	450	-2	-5	10	100	-10	-1	5	.	-2	-5	25
3261	RC052	36.3932	79.6961	0.9	0.4	2	37	0.5	400	5	-5	4	9000	7	1050	-2	-5	-5	100	-10	-1	10	.	-2	-5	27
3262	RC053	36.3715	79.6851	1.4	0.5	1	110	0.5	-100	5	6	5	19000	5	800	-2	5	-5	100	-10	-1	-5	.	-2	-5	35
3263	RC054	36.3495	79.7174	0.6	0.5	1	45	0.5	-100	-5	-5	3	14000	7	600	-2	-5	-5	100	-10	-1	5	.	-2	-5	17
3264	RC055	36.2477	79.6760	0.9	0.3	1	50	1.5	-100	15	-5	23	4000	6	2300	-2	5	12	100	10	1	10	.	-2	-5	47
3265	RC056	36.2572	79.6110	1.2	0.5	1	465	0.5	500	5	6	8	11000	-5	600	-2	10	25	300	10	-1	-5	.	-2	-5	72
3266	RC057	36.2812	79.6092	0.7	0.7		222	1.0	200	-5	-5	4	15000	6	650	-2	-5	5	100	-10	-1	-5	.	-2	-5	20
3267	RC058	36.2541	79.5580	2.1	0.5	1	372	0.5	200	7	-5	13	17000	6	550	-2	5	7	200	15	2	5	.	-2	-5	57
3268	RC059	36.2716	79.5441	1.0	0.5	1	100	1.5	200	10	-5	17	6000	6	750	-2	5	15	100	-10	-1	-5	.	-2	-5	45
3269	RC060	36.3420	79.5550	1.9	0.5	1	527	2.0	200	12	5	16	14000	13	950	-2	10	12	400	15	-1	-5	.	-2	-5	65
3270	RC061	36.3753	79.5532	1.1	0.3	2	167	1.0	-100	10	5	7	12000	10	1600	-2	5	5	200	-10	-1	-5	.	-2	-5	47
3271	RC062	36.4275	79.5441	1.2	0.4	3	132	1.0	400	7	-5	3	11000	-5	400	-2	-5	7	100	-10	-1	-5	.	-2	-5	20
3272	RC063	36.4559	79.5703	1.6	0.4	1	52	1.0	100	5	7	4	14000	5	1850	-2	60	-5	200	-10	-1	5	.	-2	-5	27
3273	RC064	36.4413	79.5759	0.5	0.2	1	35	1.0	-100	5	-5	4	14000	5	1300	-2	-5	-5	100	-10	-1	10	.	-2	-5	30

GREENSBORO 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
3274	RC065	36.4086	79.5935	0.9	0.3	1	67	1.5	-100	-5	-5	3	22000	6	850	-2	-5	5	100	-10	-1	-5	.	-2	-5	15
3275	RC066	36.4026	79.5830	1.6	0.2	2	327	1.0	400	5	-5	4	14000	5	550	-2	-5	7	100	-10	-1	5	.	-2	-5	27
3276	RC067	36.3605	79.5956	1.6	0.6	2	175	2.0	-100	10	-5	12	15000	7	1000	-2	5	10	200	10	-1	10	.	-2	-5	55
3277	RC068	36.3154	79.5781	1.1	0.6	1	847	1.5	200	10	6	7	18000	-5	1250	-2	-5	12	500	-10	2	-5	.	-2	-5	35
3278	RC069	36.3309	79.6650	1.4	0.5	2	40	2.5	400	7	5	8	7000	9	4500	-2	25	7	200	10	2	5	.	-2	-5	40
3279	RC070	36.4031	79.6459	1.0	0.1	1	45	2.5	-100	5	5	4	15000	6	1900	-2	15	-5	100	-10	1	10	.	-2	-5	30
3280	RC071	36.4434	79.6345	1.1	0.4	4	5	1.0	-100	-5	-5	-2	6000	8	350	-2	-5	5	100	-10	-1	5	.	-2	-5	12
3281	RC072	36.4892	79.5980	1.1	0.3	5	25	1.5	-100	5	-5	5	7000	8	1100	-2	-5	7	100	-10	-1	-5	.	-2	-5	27
3282	RC073	36.4809	79.5584	1.1	0.4	7	10	1.0	-100	-5	-5	4	10000	5	1150	-2	5	-5	100	-10	-1	5	.	-2	-5	22
3286	RC077	36.4874	79.6854	1.1	0.5	1	17	1.0	100	10	-5	7	10000	16	3050	2	-5	-5	100	10	1	5	.	-2	-5	47
3287	RC078	36.4705	79.6872	1.4	0.4	5	252	2.0	-100	7	-5	6	13000	14	2500	-2	-5	7	100	-10	4	5	.	-2	-5	37
3288	RC079	36.4492	79.6876	1.2	0.3	2	100	2.0	200	5	-5	6	18000	5	2450	-2	15	5	100	-10	-1	-5	.	-2	-5	50
3289	RC080	36.4473	79.7140	0.9	0.3	1	17	1.5	-100	5	-5	3	28000	-5	1900	-2	5	-5	100	-10	2	5	.	-2	-5	17
3290	RC081	36.4657	79.7503	0.6	0.5	1	7	1.0	-100	-5	-5	6	7000	6	2250	-2	15	-5	100	-10	7	-5	.	-2	15	25
3291	RC082	36.4800	79.7864	0.9	0.2	1	7	1.0	100	-5	-5	5	10000	-5	2950	-2	10	-5	100	-10	2	-5	.	-2	25	20

DANVILLE 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
1354	CS517	36.5083	79.3620	6.5	50	0.041	.	15300	.	1580	15	10760	-0.1	0.8	23	-0.001
1355	CS518	36.5132	79.4220	6.6	60	0.024	.	5200	107	1360	.	3630	0.5	0.4	16	-0.001
1358	CS521	36.5107	79.4710	6.3	70	0.103	51	5300	.	.	2	5210	-0.1	1.4	18	0.030
1361	CS524	36.5130	79.1777	6.0	188	0.037	52	5800	40	4290	.	4470	2.6	0.2	28	-0.001
1375	CS538	36.5087	79.2346	6.2	65	0.154	.	6400	41	.	12	2540	-0.1	2.3	19	-0.001
1376	CS539	36.5050	79.2958	6.0	240	0.132	.	M	.	5170	19	13070	1.0	0.5	18	-0.001
4110	PN508	36.5114	79.1257	6.8	220	0.400	48	6500	39	5710	83	10650	0.9	1.8	17	-0.001
4111	PN509	36.5213	79.0846	6.7	190	0.286	65	7500	55	2690	56	12200	1.5	1.5	33	-0.001
4568	RO540	36.5336	79.9516	6.3	30	0.041	16	5800	.	.	10	2080	0.3	1.3	239	-0.001
4569	RO541	36.5392	79.9117	6.8	410	0.074	.	M	.	M	.	M	-0.1	0.1	.	-0.001
4570	RO542	36.5273	79.8448	7.3	130	0.059	13	7700	70	2370	89	6370	-0.1	0.4	16	-0.001
4571	RO543	36.5289	79.7925	7.0	70	0.046	16	5000	126	1750	28	4740	0.2	0.6	13	-0.001
4581	RO553	36.5235	79.7315	7.4	228	0.371	81	16200	210	2580	153	11580	-0.1	1.6	10	-0.001
4582	RO554	36.5040	79.6759	7.7	140	0.170	52	9700	128	7380	52	11970	0.3	1.2	11	-0.001

GREENSBORO 100X 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
53	AL501	36.0496	79.4834	6.1	90	0.025	63	8200	.	2760	79	3870	0.4	0.2	57	-0.001
54	AL502	36.0037	79.5283	6.3	130	0.015	43	8200	107	5320	.	7080	2.3	0.1	25	-0.001
70	AL518	36.0067	79.2998	6.5	90	0.021	42	5100	62	1950	20	7310	0.3	0.2	34	-0.001
71	AL519	36.0089	79.3465	6.4	70	0.011	56	7200	.	3220	9	3510	1.0	0.1	21	-0.001
72	AL520	36.0035	79.4081	6.3	60	0.003	59	4600	51	1340	9	4100	0.9	0.0	16	-0.001
73	AL521	36.0050	79.4781	6.1	140	0.030	81	7400	.	5560	.	6180	0.4	0.2	23	-0.001
74	AL522	36.0430	79.5206	6.0	50	0.005	70	7700	.	1370	3	3870	0.5	0.1	17	-0.001
75	AL523	36.0956	79.5326	6.5	190	0.027	79	15100	.	1720	544	9040	-0.1	0.1	17	-0.001
76	AL524	36.1467	79.5306	5.9	90	0.015	87	11400	.	.	11	9690	-0.1	0.1	28	-0.001
77	AL525	36.1810	79.5317	6.1	70	0.012	41	7700	.	1440	12	4700	0.4	0.1	12	-0.001
78	AL526	36.2261	79.5367	6.4	80	0.007	42	6100	.	.	17	3610	0.7	0.0	59	-0.001
79	AL527	36.2334	79.4730	5.8	85	0.020	76	8800	.	.	29	9460	-0.1	0.2	15	-0.001
80	AL528	36.1903	79.4716	6.3	130	0.025	53	7400	.	5050	.	6030	8.4	0.1	17	-0.001
81	AL529	36.1114	79.4761	5.9	80	0.011	64	8000	.	930	20	4160	-0.1	0.1	71	0.200
82	AL530	36.1475	79.4725	5.8	50	-0.002	55	7200	.	.	39	4490	0.3	0.0	32	-0.001
83	AL531	36.1436	79.3080	7.2	295	0.092	.	7800	.	8550	95	9800	-0.1	0.3	22	-0.001
84	AL532	36.1893	79.3001	6.9	348	0.015	.	32800	.	4690	33	25170	-0.1	0.0	19	-0.001
85	AL533	36.2371	79.2992	7.0	120	0.098	36	4600	.	5420	7	7570	5.0	0.8	48	-0.001
86	AL534	36.2306	79.3501	6.7	342	0.128	131	14700	.	17130	.	11290	16.8	0.3	22	-0.001
87	AL535	36.1942	79.3600	7.0	810	0.068	.	29400	.	.	43	27880	-0.1	0.0	.	-0.001
88	AL536	36.1440	79.3672	5.8	45	0.020	38	5100	.	.	17	1380	-0.1	0.4	14	-0.001
89	AL537	36.0522	79.2887	6.4	58	0.022	55	5700	.	2660	5	3110	0.4	0.3	47	-0.001
90	AL538	36.0536	79.3596	7.0	191	0.031	.	16200	.	.	48	9280	0.7	0.1	36	-0.001
91	AL539	36.1007	79.3590	6.5	238	0.022	87	13000	.	10890	77	8400	1.7	0.0	14	-0.001
92	AL540	36.1381	79.4198	6.0	280	0.028	.	25500	.	.	55	11970	2.3	0.1	21	-0.001
93	AL541	36.1820	79.4176	6.8	352	0.677	54	7900	127	15370	.	18220	3.0	1.9	11	0.110
94	AL542	36.2284	79.4278	6.6	227	0.025	92	13600	.	3960	.	19320	1.7	0.1	370	-0.001
95	AL543	36.1010	79.2932	8.5	120	0.066	59	10000	.	1910	.	11140	0.4	0.5	73	-0.001
96	AL544	36.1073	79.4336	6.8	670	4.796	.	49800	.	.	144	35140	2.1	7.1	69	-0.001
97	AL545	36.0573	79.4280	6.4	133	0.041	66	8400	.	2720	.	6890	0.8	0.3	24	-0.001
1338	CS501	36.2804	79.5215	6.7	110	-0.002	20	3600	18	.	32	3990	-0.1	0.0	23	-0.001
1339	CS502	36.3273	79.5199	6.5	90	-0.002	24	5800	.	.	40	5970	3.2	0.0	32	-0.001
1340	CS503	36.3753	79.5208	6.5	90	-0.002	23	4900	128	.	23	4840	3.3	0.0	23	-0.001
1341	CS504	36.4166	79.4716	6.5	120	0.002	.	M	.	M	.	M	-0.1	0.0	4	-0.001
1342	CS505	36.4226	79.4135	6.7	115	0.065	50	5600	89	2740	.	6960	2.4	0.5	17	-0.001
1343	CS506	36.3859	79.3950	6.4	85	0.302	72	6800	.	3360	.	7710	1.9	3.5	15	-0.001

GREENSBORO 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
1344	CS507	36.3759	79.4701	6.6	60	0.131	44	5000	133	1310	.	3300	1.4	2.1	13	-0.001
1345	CS508	36.3382	79.4205	6.4	110	0.042	63	6500	95	1550	17	6650	3.0	0.3	19	-0.001
1346	CS509	36.3283	79.4730	6.0	390	0.030	52	5900	.	4570	30	5720	3.7	0.0	19	-0.001
1347	CS510	36.2845	79.4678	6.6	400	0.165	.	18600	.	2790	.	7600	-0.1	0.4	9	-0.001
1348	CS511	36.2821	79.4212	7.1	220	0.163	.	20100	.	.	156	9520	2.1	0.7	18	-0.001
1349	CS512	36.2785	79.3702	7.0	40	0.099	66	6400	155	.	9	10600	7.5	2.4	18	-0.001
1350	CS513	36.3291	79.3537	6.3	350	0.152	.	16800	.	17380	.	14290	9.0	0.4	6	-0.001
1351	CS514	36.3703	79.3613	6.9	75	0.077	31	19400	.	5320	.	12820	1.7	1.0	4	-0.001
1352	CS515	36.4167	79.3664	6.8	90	0.046	51	5500	79	1440	.	4370	4.8	0.5	14	0.050
1353	CS516	36.4693	79.3557	5.8	110	0.201	38	4800	.	1900	13	3130	0.8	1.8	14	-0.001
1356	CS519	36.4633	79.4193	5.8	75	0.048	55	6200	.	1870	.	4670	2.7	0.6	13	-0.001
1357	CS520	36.4772	79.4810	6.1	50	0.056	54	7300	.	2350	.	3140	-0.1	1.1	12	-0.001
1359	CS522	36.4692	79.1821	6.5	139	2.341	58	4700	294	.	17	6510	-0.1	16.8	24	-0.001
1360	CS523	36.3280	79.2438	6.3	108	0.343	60	7600	.	4650	33	7000	3.0	3.1	20	-0.001
1362	CS525	36.4187	79.1924	7.8	650	0.104	93	9600	92	5650	8	6470	1.8	0.1	54	-0.001
1363	CS526	36.3839	79.1913	7.3	450	0.804	155	20500	.	.	122	12340	0.3	1.7	9	-0.001
1364	CS527	36.2865	79.2547	6.8	600	1.488	349	39900	.	20240	807	19230	-0.1	2.4	53	-0.001
1365	CS528	36.2843	79.1884	5.8	31	0.036	30	4900	23	.	16	1380	-0.1	1.1	29	0.090
1366	CS529	36.3270	79.1819	6.0	202	0.024	54	34300	.	.	26	18790	-0.1	0.1	10	-0.001
1367	CS530	36.4197	79.2407	6.6	1230	3.662	.	150700	.	.	586	M	-0.1	2.9	88	-0.001
1368	CS531	36.3144	79.2863	6.6	82	0.033	48	5000	89	3700	20	4230	5.8	0.4	23	-0.001
1369	CS532	36.3674	79.2547	6.8	340	0.083	.	19200	.	11770	15	17490	4.4	0.2	22	-0.001
1370	CS533	36.3621	79.3117	7.6	380	0.049	.	36600	.	12490	.	16180	1.8	0.1	34	-0.001
1371	CS534	36.4200	79.3019	6.3	56	0.290	42	6000	.	.	12	4930	0.5	5.1	23	-0.001
1372	CS535	36.4609	79.3016	5.6	253	0.058	.	21700	.	5230	.	16260	-0.1	0.2	31	-0.001
1373	CS536	36.2831	79.2996	6.6	140	0.688	41	4800	72	4040	64	5760	6.4	4.9	19	0.050
1374	CS537	36.4607	79.2514	6.9	205	1.424	.	9100	56	4920	36	8010	0.8	6.9	29	3.090
2277	GU501	36.0886	79.6811	6.0	92	0.466	48	11300	.	3230	31	6810	1.5	5.0	43	-0.001
2278	GU502	36.0794	79.7331	6.5	366	0.067	59	13300	.	17580	124	14300	14.1	0.1	35	-0.001
2279	GU503	36.0903	79.6257	7.0	121	0.009	30	15900	.	.	50	6970	6.9	0.0	37	-0.001
2280	GU504	36.0887	79.5693	5.9	78	0.020	.	10500	.	4320	.	5540	0.6	0.2	105	-0.001
2281	GU505	36.1327	79.5709	6.3	89	0.017	57	8800	67	3760	27	5710	0.5	0.1	34	-0.001
2282	GU506	36.1767	79.5685	6.1	193	0.013	88	M	.	M	76	M	-0.1	0.0	34	-0.001
2283	GU507	36.2253	79.5717	6.3	85	0.012	28	7100	.	2460	27	4650	0.3	0.1	27	-0.001
2284	GU508	36.2261	79.6303	6.4	49	0.040	50	6300	59	1580	6	2910	2.7	0.8	36	-0.001
2285	GU509	36.1849	79.6321	6.3	186	0.025	63	19700	.	6660	73	7240	1.3	0.1	29	-0.001

GREENSBORO 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
2286	GU510	36.1300	79.6214	6.7	53	0.019	42	5700	38	2200	.	5220	1.6	0.3	36	-0.001
2287	GU511	36.1395	79.6811	6.8	198	0.060	67	11200	.	8100	266	8020	-0.1	0.3	50	0.130
2288	GU512	36.1813	79.6806	7.3	129	0.244	49	8300	.	1980	666	3330	0.3	1.8	31	0.120
2289	GU513	36.2288	79.6841	6.2	155	0.052	.	19600	.	3610	15	9550	1.6	0.3	40	0.210
2290	GU514	36.2271	79.7402	6.5	39	0.023	.	5900	16	2090	12	4400	1.2	0.5	39	-0.001
2291	GU515	36.1725	79.7388	6.0	41	0.014	47	6800	31	1400	.	4230	0.3	0.3	36	-0.001
2292	GU516	36.1315	79.7377	6.4	80	0.029	27	7100	36	4240	8	4690	2.2	0.3	32	-0.001
2293	GU517	36.1370	79.7942	6.6	71	0.022	.	6100	111	2920	21	6010	7.9	0.3	36	-0.001
2294	GU518	36.1802	79.7913	6.4	57	2.352	.	6500	94	1340	9	4490	1.0	41.2	30	-0.001
2295	GU519	36.2262	79.7956	6.4	72	0.040	52	7200	140	2520	.	5540	3.2	0.5	31	-0.001
2296	GU520	36.2274	79.8501	6.5	53	0.021	16	3900	161	1580	.	4060	5.3	0.4	22	-0.001
2297	GU521	36.1824	79.8563	5.7	81	0.023	.	13600	.	420	16	6280	-0.1	0.2	26	-0.001
2298	GU522	36.1362	79.8486	6.7	69	0.057	46	6000	308	2770	20	4560	3.0	0.8	31	-0.001
2299	GU523	36.1121	79.8696	6.5	242	0.304	54	13900	.	9770	.	7790	1.6	1.2	28	-0.001
2300	GU524	36.1397	79.9122	6.6	105	0.049	45	7100	98	4130	8	6100	3.6	0.4	31	-0.001
2301	GU525	36.1775	79.9110	6.4	58	0.004	41	5100	76	1360	.	4440	2.5	0.0	27	-0.001
2302	GU526	36.2269	79.9047	6.3	65	0.062	.	7500	86	1320	87	5210	0.2	0.9	28	-0.001
2303	GU527	36.2280	79.9581	5.9	18	0.032	49	5700	20	570	8	900	0.2	1.7	28	-0.001
2306	GU530	36.1782	79.9622	6.7	41	0.089	38	6200	107	1130	11	3890	2.9	2.1	40	-0.001
2309	GU533	36.0862	79.9679	6.8	52	0.013	37	7700	95	1560	.	4870	3.8	0.2	34	-0.001
2310	GU534	36.1343	79.9622	7.1	56	0.057	61	8100	213	1930	14	3590	8.9	1.0	36	-0.001
2311	GU535	36.0884	79.9063	6.7	80	0.053	62	9200	64	3880	.	5580	4.7	0.6	24	-0.001
2312	GU536	36.0423	79.9076	6.3	100	0.019	.	8200	.	1670	12	7220	1.3	0.1	44	-0.001
2313	GU537	36.0215	79.8755	6.7	147	0.019	51	7300	31	8940	.	8020	13.1	0.1	29	-0.001
2316	GU540	36.0216	79.7744	6.6	60	0.032	48	8300	.	2170	15	2830	5.8	0.5	32	0.040
2317	GU541	36.0432	79.7315	6.5	117	0.019	63	8000	.	4260	30	5420	9.2	0.1	22	-0.001
2318	GU542	36.0426	79.6829	6.5	103	0.032	58	7700	81	5970	42	7540	6.8	0.3	28	-0.001
2319	GU543	36.0404	79.6246	6.7	80	0.033	37	7500	.	3440	5	5860	0.8	0.4	28	-0.001
2320	GU544	36.0441	79.5725	7.0	455	0.110	.	31900	.	39180	.	23040	-0.1	0.2	24	0.180
2336	GU560	36.0013	79.9647	6.2	68	0.020	33	8400	.	3120	.	2540	1.9	0.2	797	-0.001
2337	GU561	36.0409	79.9630	7.2	152	0.059	70	9700	.	5490	.	5850	5.5	0.3	40	-0.001
3806	OR501	36.0991	79.0788	5.9	190	0.026	26	10100	.	4590	.	8620	-0.1	0.1	48	-0.001
3807	OR502	36.1461	79.0796	6.0	153	0.013	20	13500	.	.	29	8470	-0.1	0.0	51	-0.001
3808	OR503	36.1465	79.0225	6.1	78	0.015	17	5800	68	1960	.	5670	0.6	0.1	106	-0.001
3809	OR504	36.1897	79.0193	6.3	68	0.008	20	4300	80	1470	10	4710	0.1	0.1	18	-0.001
3812	OR507	36.2379	79.0261	5.6	138	0.005	.	22500	.	2580	.	11140	-0.1	0.0	25	-0.001

GREENSBORO 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
3813	OR508	36.1066	79.0266	6.3	142	0.041	104	16400	.	.	113	12730	-0.1	0.2	16	-0.001
3814	OR509	36.0542	79.1371	6.7	180	0.007	15	29500	.	3820	.	18710	-0.1	0.0	7	-0.001
3815	OR510	36.0993	79.1352	6.3	45	0.020	27	4300	84	1330	.	3150	0.8	0.4	63	-0.001
3816	OR511	36.1405	79.1226	6.2	155	0.016	15	6700	.	2080	.	5680	0.4	0.1	11	-0.001
3817	OR512	36.1859	79.0822	6.2	68	0.012	.	4700	.	2520	8	4450	-0.1	0.1	11	-0.001
3818	OR513	36.2333	79.0756	6.2	235	0.021	26	22800	.	.	51	21680	1.6	0.0	30	-0.001
3819	OR514	36.2338	79.1344	5.4	50	0.019	.	6900	.	.	8	5580	-0.1	0.3	22	-0.001
3820	OR515	36.2341	79.1922	6.1	140	0.021	.	15900	.	.	39	10660	2.7	0.1	21	3.070
3821	OR516	36.1974	79.1424	6.7	100	0.035	4	4100	.	3630	44	7550	0.5	0.3	12	-0.001
3822	OR517	36.1898	79.1816	5.7	193	0.037	.	21500	.	4900	.	9820	0.3	0.1	15	-0.001
3823	OR518	36.2328	79.2468	6.1	63	0.008	.	4700	.	1110	.	5740	0.3	0.1	20	-0.001
3824	OR519	36.1875	79.2394	6.2	58	0.003	.	5100	49	.	15	6710	0.7	0.0	12	-0.001
3825	OR520	36.1412	79.2464	6.3	68	0.005	17	5100	60	1780	.	4760	0.7	0.0	13	-0.001
3826	OR521	36.1359	79.1834	6.1	98	0.005	14	11000	.	2560	.	5590	0.5	0.0	19	-0.001
3827	OR522	36.1033	79.1920	5.8	55	0.021	16	6300	.	.	12	3300	0.3	0.3	16	-0.001
3828	OR523	36.1075	79.2432	5.7	40	-0.002	16	6000	.	940	5	4250	-0.1	0.0	19	-0.001
3829	OR524	36.0532	79.0216	7.6	320	0.195	104	15300	.	7630	149	10980	-0.1	0.6	20	-0.001
3830	OR525	36.0102	79.0178	5.8	40	0.009	20	5100	.	.	7	4520	0.2	0.2	22	-0.001
3833	OR528	36.0527	79.0810	6.1	85	0.022	18	5200	141	.	20	7410	0.3	0.2	43	-0.001
3834	OR529	36.0076	79.0751	7.6	290	0.662	24	6100	.	4980	8	6420	-0.1	2.2	11	-0.001
3835	OR530	36.0049	79.1307	6.0	65	0.025	23	6400	39	1550	5	4290	0.4	0.3	141	-0.001
3836	OR531	36.0167	79.1899	6.8	50	0.024	42	6900	.	.	125	3230	-0.1	0.4	29	-0.001
3837	OR532	36.0504	79.1874	6.8	275	0.074	70	12500	.	.	105	9400	3.2	0.2	14	-0.001
3838	OR533	36.0552	79.2484	6.1	80	0.008	10	5700	.	.	22	M	-0.1	0.1	35	0.030
3839	OR534	36.0036	79.2396	6.0	85	0.011	47	8000	.	.	21	6000	0.4	0.1	70	-0.001
4106	PN504	36.4087	79.0178	5.6	70	0.033	47	7900	.	.	9	6930	-0.1	0.4	32	0.040
4107	PN505	36.4222	79.0846	5.7	170	0.017	629	10000	.	1490	12	11800	-0.1	0.1	35	-0.001
4108	PN506	36.4206	79.1273	6.5	190	0.020	.	11000	.	6460	.	13040	4.9	0.1	27	-0.001
4109	PN507	36.4542	79.1253	7.3	470	0.761	65	14000	.	12680	310	12970	-0.1	1.6	9	-0.001
4112	PN510	36.4915	79.0098	6.9	700	4.192	110	24100	.	30000	212	21400	2.6	5.9	25	-0.001
4117	PN515	36.4538	79.0176	6.0	50	0.023	31	6900	.	.	7	M	-0.1	0.4	34	-0.001
4118	PN516	36.4670	79.0589	6.5	600	1.158	.	33600	.	20360	19	24280	0.8	1.9	26	-0.001
4123	PN521	36.3263	79.0169	6.2	60	0.023	19	5600	.	.	16	3460	0.1	0.3	43	-0.001
4124	PN522	36.3736	79.0171	6.1	200	0.163	.	20600	.	5110	44	9950	0.5	0.8	.	-0.001
4125	PN523	36.3767	79.0748	6.1	130	0.020	.	12500	.	4550	.	8160	-0.1	0.1	17	-0.001
4126	PN524	36.3620	79.1443	7.1	600	1.661	233	36600	.	19300	25	15090	0.6	2.7	23	0.140

GREENSBORO 100K QUADRANGLE - GROUNDWATER

Lab #	County ID	Lat	Long	pH	Cond uS/cm	U ppb	Br ppb	Cl ppb	F ppb	Mg ppb	Mn ppb	Na ppb	V ppb	U/cond x1000	Al ppb	Dy ppb
4127	PN525	36.3069	79.1311	6.5	90	0.032	41	9600	.	.	16	7440	-0.1	0.3	18	-0.001
4128	PN526	36.2730	79.1259	6.6	130	0.022	36	7900	.	4220	12	6380	5.5	0.1	13	-0.001
4129	PN527	36.2861	79.0817	6.1	110	0.031	62	10300	.	670	27	M	0.3	0.2	20	-0.001
4130	PN528	36.3263	79.0721	6.8	140	0.055	20	5600	.	3580	25	5920	0.6	0.3	15	-0.001
4133	PN531	36.2752	79.0225	6.8	99	0.058	54	5600	.	2410	.	4050	0.7	0.5	14	-0.001
4529	RO501	36.4071	79.6743	6.9	105	0.054	52	9600	33	3200	8	6110	0.6	0.5	55	0.060
4530	RO502	36.4063	79.6207	5.8	145	2.018	.	M	.	M	34	M	-0.1	13.9	52	0.360
4531	RO503	36.4061	79.5596	6.3	52	0.099	.	6900	21	650	9	4670	0.3	1.9	24	-0.001
4532	RO504	36.3599	79.6229	6.4	67	0.089	34	8000	.	2750	61	2990	-0.1	1.3	33	-0.001
4533	RO505	36.3211	79.6238	7.0	59	0.033	24	5000	120	1900	.	5080	8.9	0.5	17	-0.001
4534	RO506	36.3234	79.5767	6.8	40	0.051	9	4800	84	.	11	5300	1.4	1.2	61	-0.001
4535	RO507	36.3613	79.5636	7.0	64	0.994	32	5300	78	1640	.	3350	0.7	15.5	18	-0.001
4536	RO508	36.2794	79.5623	6.0	28	0.087	9	4500	.	970	15	820	-0.1	3.1	17	0.040
4537	RO509	36.2752	79.6164	7.1	342	0.155	94	35100	.	.	38	50650	2.3	0.4	72	-0.001
4538	RO510	36.3172	79.6844	7.2	82	0.204	35	5200	59	4190	.	3430	2.2	2.4	25	-0.001
4539	RO511	36.2795	79.6747	6.5	80	0.074	16	8400	.	.	.	5830	-0.1	0.9	10	-0.001
4540	RO512	36.2707	79.7326	6.9	47	0.175	35	4300	67	1190	4	4070	1.4	3.7	13	-0.001
4541	RO513	36.2723	79.7903	6.8	50	0.053	36	4100	36	.	13	6410	0.9	1.0	14	-0.001
4542	RO514	36.2721	79.8457	7.1	48	0.064	41	4000	.	.	12	1040	-0.1	1.3	27	-0.001
4543	RO515	36.2723	79.9067	7.2	64	0.111	19	4100	67	320	12	M	-0.1	1.7	17	-0.001
4544	RO516	36.2707	79.9585	5.9	87	0.203	.	9600	.	2050	68	3820	-0.1	2.3	45	0.710
4546	RO518	36.3087	79.9951	6.1	50	0.046	31	8000	.	1360	20	6770	-0.1	0.9	22	0.080
4547	RO519	36.3592	79.9989	6.2	80	0.039	.	10000	.	.	22	7920	-0.1	0.4	23	-0.001
4548	RO520	36.3625	79.9563	7.3	107	0.711	27	4500	145	4050	37	5060	0.2	6.6	15	-0.001
4549	RO521	36.3164	79.9441	6.8	28	0.050	36	6800	.	.	15	2530	-0.1	1.7	18	-0.001
4550	RO522	36.3127	79.9007	6.2	30	0.073	21	5100	.	1670	12	2360	-0.1	2.4	13	-0.001
4551	RO523	36.3631	79.8984	6.6	60	0.049	.	6600	69	2600	27	3610	0.4	0.8	14	-0.001
4552	RO524	36.3551	79.8486	6.7	102	0.037	.	21100	.	.	786	11300	-0.1	0.3	7	-0.001
4553	RO525	36.3172	79.8410	6.9	45	0.079	21	4700	40	590	.	6140	1.7	1.7	15	-0.001
4554	RO526	36.3201	79.7873	6.8	58	0.074	35	4100	18	2460	2	3680	1.5	1.2	14	-0.001
4555	RO527	36.3202	79.7292	6.4	48	0.039	36	5900	.	1110	19	2260	-0.1	0.8	11	-0.001
4556	RO528	36.3646	79.7349	6.6	30	0.052	35	4500	37	1500	33	2380	-0.1	1.7	19	0.040
4557	RO529	36.3602	79.7820	6.7	121	1.232	65	6200	.	5440	38	7610	4.5	10.1	14	-0.001
4558	RO530	36.3631	79.6862	6.4	101	0.140	16	14600	.	.	12	M	0.2	1.3	12	-0.001
4559	RO531	36.4071	79.7364	7.3	121	0.073	71	5100	27	3960	.	4820	0.9	0.6	58	-0.001
4560	RO532	36.4052	79.7878	6.8	140	0.741	.	21600	.	4500	57	12000	-0.1	5.2	32	-0.001

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Lab #	County ID	Lat	Long	pH	Cond us/cm	U ppb	Br ppb	Cl ppb	F ppb	Mg ppb	Mn ppb	Na ppb	V ppb	U/cond x1000	Al ppb	Dy ppb
4561	R0533	36.4063	79.8401	7.5	122	0.205	20	4700	43	2610	261	3360	-0.1	1.6	26	0.060
4562	R0534	36.4075	79.8982	8.0	208	14.220	43	6300	140	6730	.	13100	2.2	68.3	28	-0.001
4563	R0535	36.4058	79.9595	7.6	150	1.438	38	7600	.	7420	81	8060	0.4	9.5	20	-0.001
4572	R0544	36.4921	79.7914	7.7	232	0.358	.	5400	23	11120	22	11310	0.2	1.5	13	-0.001
4573	R0545	36.4902	79.8401	7.2	85	0.053	.	6300	158	5410	.	6910	0.3	0.6	14	-0.001
4574	R0546	36.4919	79.8914	6.9	45	0.050	25	4700	58	8530	60	8450	0.8	1.1	10	0.060
4575	R0547	36.4967	79.9527	6.3	80	0.028	.	5700	155	.	13	M	-0.1	0.3	14	-0.001
4576	R0548	36.4520	79.9525	6.7	40	0.020	21	4200	62	590	56	M	-0.1	0.5	15	-0.001
4577	R0549	36.4495	79.9014	6.5	37	0.050	.	4200	.	410	5	4810	-0.1	1.3	101	-0.001
4578	R0550	36.4577	79.8387	6.8	43	0.034	.	4600	.	1500	.	4870	0.3	0.7	16	-0.001
4579	R0551	36.4462	79.7957	7.4	50	0.362	27	5500	96	530	4	7190	0.6	7.2	23	-0.001
4580	R0552	36.4580	79.7270	7.5	81	0.711	22	4900	100	1570	66	5750	0.3	8.7	19	-0.001
4583	R0555	36.4939	79.6234	6.6	36	0.042	7	5200	43	820	14	1050	-0.1	1.1	19	-0.001
4584	R0556	36.4986	79.5634	7.7	240	0.527	.	M	.	M	29	M	-0.1	2.2	19	0.240
4585	R0557	36.4530	79.5621	7.4	30	0.130	.	4500	.	.	8	M	-0.1	4.3	18	-0.001
4586	R0558	36.4470	79.6191	6.5	36	0.056	23	4400	75	480	15	3360	0.6	1.5	31	-0.001
4587	R0559	36.4537	79.6698	7.1	82	0.229	18	4800	53	3750	.	5370	0.9	2.7	19	-0.001