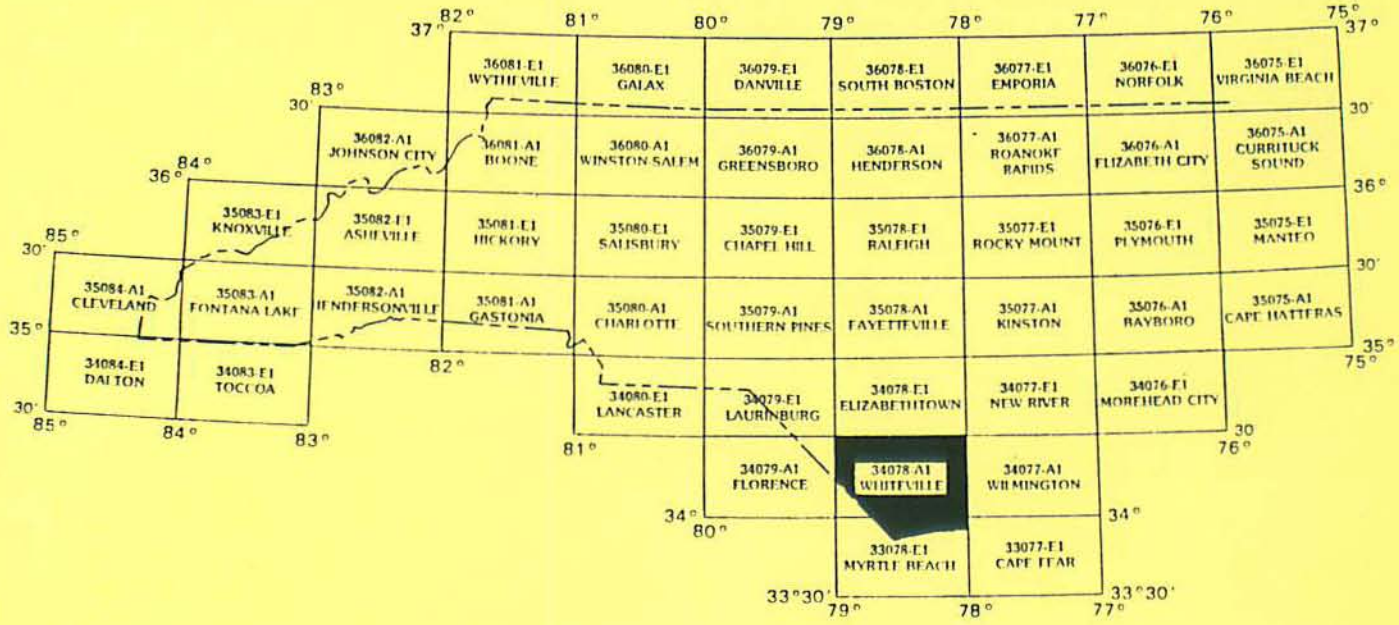
Listing of Concentrations of Variables of Stream Sediment, Stream Water, and Groundwater for the Whiteville and Myrtle Beach 30 x 60 - Minute Quadrangles -NURE Database

by
Robert H. Carpenter and Jeffrey C. Reid



NORTH CAROLINA GEOLOGICAL SURVEY
OPEN-FILE REPORT 93-24

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 Whiteville and Myrtle Beach 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 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
BL	Bladen
BU	Brunswick
CB	Columbus
PE	Pender
RB	Robeson

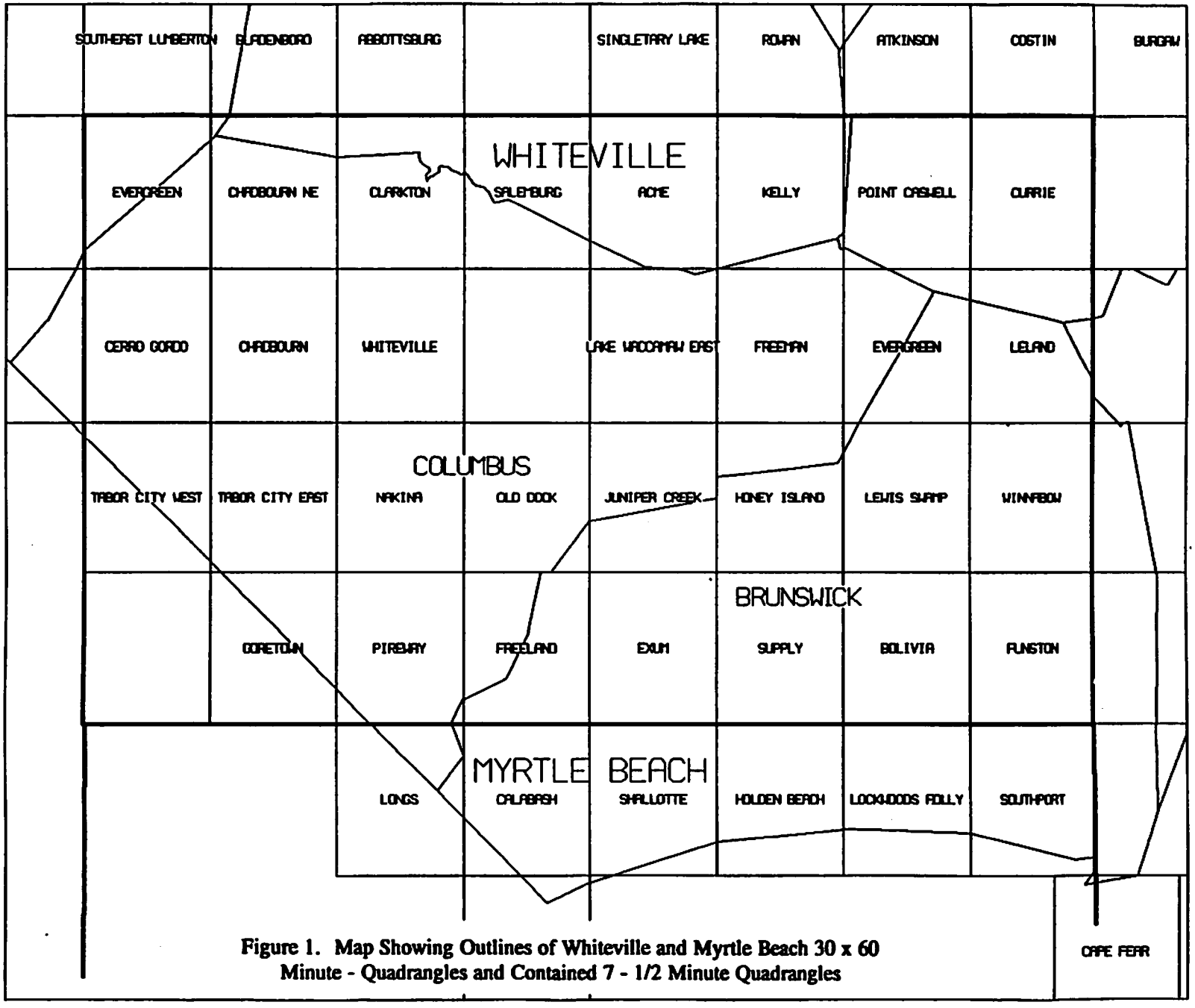

Figure 1. Map Showing Outlines of Whiteville and Myrtle Beach 30 x 60 Minute - Quadrangles and Contained 7 - 1/2 Minute Quadrangles

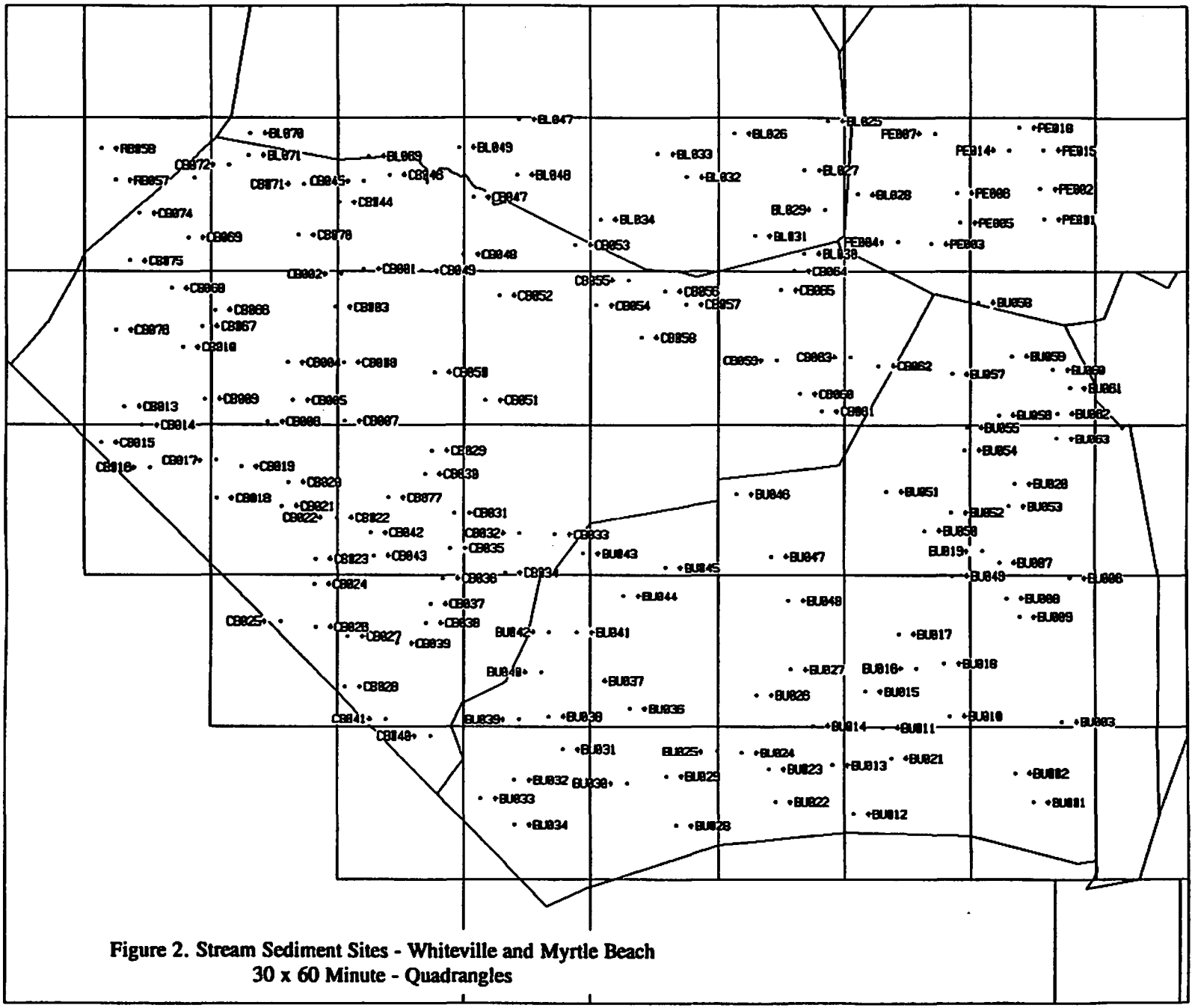

Figure 2. Stream Sediment Sites - Whiteville and Myrtle Beach
30 x 60 Minute - Quadrangles

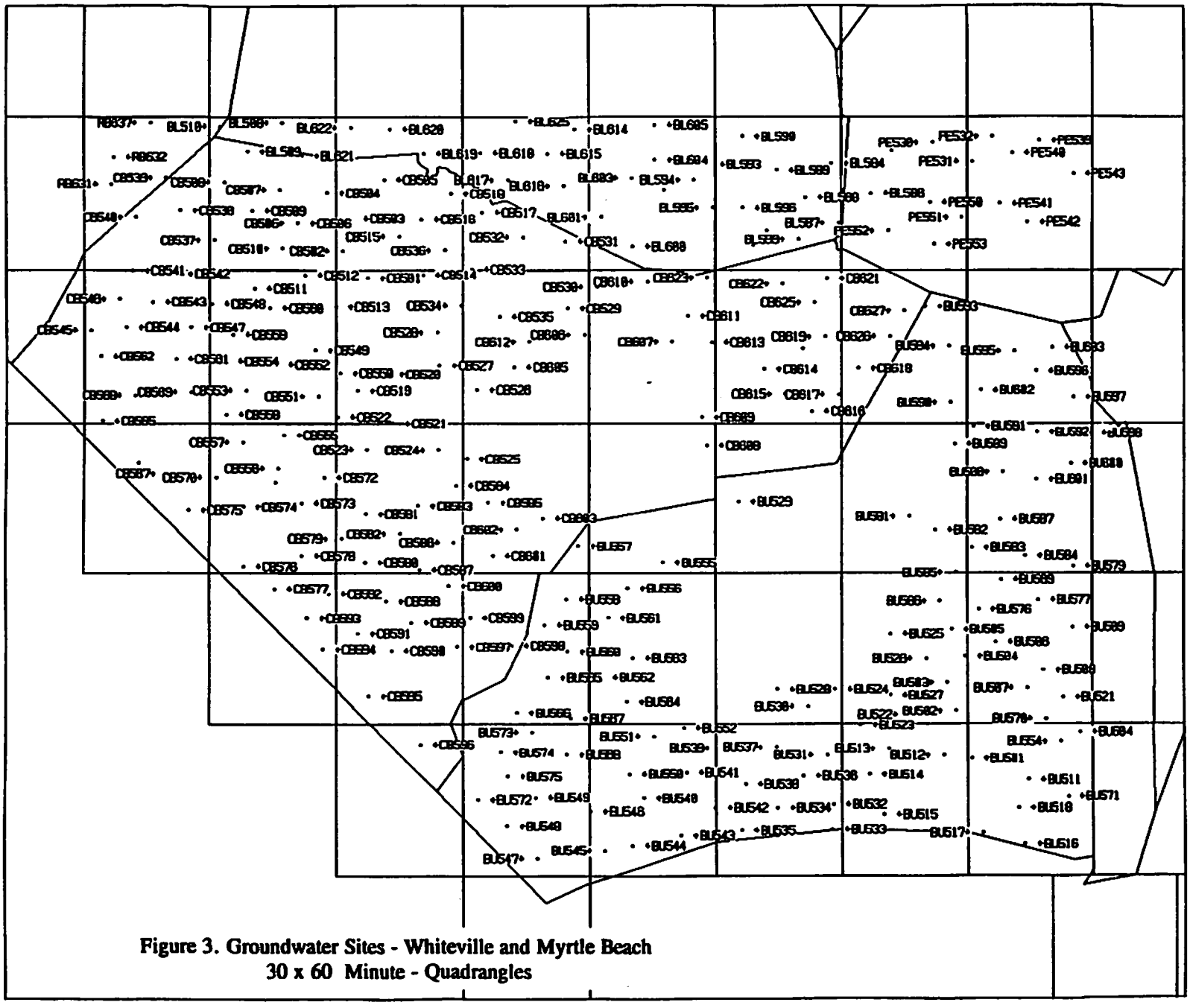

Figure 3. Groundwater Sites - Whiteville and Myrtle Beach 30 x 60 Minute - Quadrangles

WHITEVILLE 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
					us/cm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
550	BL025	34.4971	78.2667	4.1	40	7.2	33	39	12400	153	7100	180	1900	1.9	6000	20	6.6	-1.0	67	12	5.9	0.3	
551	BL026	34.4865	78.3599	4.7	30	18.3	79	111	9200	385	7500	380	1800	4.8	11300	30	8.7	-1.1	178	29	9.7	1.5	
552	BL027	34.4574	78.2898	6.1	70	17.4	M	M	22800	M	M	400	4100	6.4	10000	50	18.0	M	59	29	M	M	
553	BL028	34.4378	78.2373	6.3	105	5.6	22	40	21500	95	12600	220	5500	3.1	5900	40	3.3	2.5	43	7	M	0.4	
554	BL029	34.4253	78.2695	6.5	900	6.4	34	32	19600	82	9600	290	3700	4.4	8000	40	0.2	4.8	76	11	M	0.6	
555	BL030	34.3896	78.2903	6.4	45	12.1	47	124	5400	227	7300	240	200	3.2	10600	30	8.5	-1.0	104	17	6.3	1.2	
556	BL031	34.4036	78.3391	6.1	30	5.1	34	56	8000	187	11600	160	400	2.0	6800	30	4.8	M	47	11	M	0.6	
557	BL032	34.4515	78.4066	6.7	50	13.7	46	201	10400	181	6700	340	700	4.7	12600	40	11.8	-1.0	116	18	M	1.0	
558	BL033	34.4701	78.4348	5.2	35	2.5	11	27	6200	71	5300	90	500	1.5	4100	10	2.5	-1.0	27	4	M	0.6	
559	BL034	34.4172	78.4905	4.5	40	2.4	8	31	3500	38	-5000	100	100	1.2	5400	20	0.2	M	29	4	M	M	
572	BL047	34.4982	78.5706	4.9	38	3.9	18	59	8400	92	11800	210	300	1.3	9000	30	3.7	-1.0	40	2	2.8	0.4	
573	BL048	34.4535	78.5728	4.5	40	1.5	5	22	5000	-20	7400	100	300	2.0	5000	20	1.3	-1.0	10	2	1.8	0.2	
574	BL049	34.4754	78.6300	5.8	45	2.2	8	45	3500	36	-5000	80	300	1.5	3300	10	2.3	M	21	2	3.2	0.2	
594	BL069	34.4686	78.7193	4.9	35	2.1	8	22	5500	33	-5000	100	300	1.3	3900	10	1.9	-1.0	16	4	0.9	0.2	
595	BL070	34.4869	78.8363	4.7	38	1.1	7	10	5300	-20	-5000	60	100	1.7	4300	20	13.1	-1.0	10	3	M	M	
596	BL071	34.4691	78.8383	5.3	40	1.3	7	13	5300	20	5800	50	100	1.3	3200	10	1.5	0.8	9	1	1.5	0.3	
761	BU003	34.0042	78.0341	4.9	45	4.1	10	84	12200	44	11200	270	3200	2.1	8500	20	2.7	-1.0	22	3	2.6	0.4	
764	BU006	34.1229	78.0255	6.5	83	2.9	11	13	30100	67	17500	100	400	5.7	5800	40	M	-1.0	24	3	3.0	0.4	
765	BU007	34.1355	78.0957	6.5	55	2.3	8	40	6300	45	7200	140	500	1.7	4600	10	2.4	-1.0	22	3	1.3	0.2	
766	BU008	34.1062	78.0885	6.6	70	5.5	28	65	6000	118	8000	270	800	2.0	8500	20	6.3	-1.2	63	11	4.5	0.7	
767	BU009	34.0908	78.0759	6.3	50	4.2	20	73	6900	90	15400	1110	M	1.3	M	20	M	2.3	48	7	M	0.5	
768	BU010	34.0087	78.1457	6.1	50	1.8	8	43	6100	24	5600	180	900	1.1	6900	20	M	-1.0	13	2	1.0	0.2	
772	BU014	34.0007	78.2810	6.6	85	3.1	14	62	9400	53	11200	300	600	2.3	9800	30	M	1.1	26	1	2.1	0.4	
773	BU015	34.0290	78.2296	6.7	75	3.2	12	55	4800	54	7400	180	800	2.9	5300	20	2.8	M	30	11	2.7	0.5	
774	BU016	34.0484	78.1790	6.9	85	4.0	18	67	5500	67	8900	230	700	1.9	6800	20	2.8	-1.0	40	6	2.2	0.4	
775	BU017	34.0767	78.1967	6.6	73	1.2	3	8	22200	40	11900	100	1300	2.0	3200	30	2.5	-1.0	22	4	M	0.2	
776	BU018	34.0522	78.1515	6.4	70	1.4	4	24	5400	28	6300	100	500	1.6	3900	10	1.3	-1.0	12	2	M	0.1	
777	BU019	34.1449	78.1128	6.5	50	3.3	17	51	5000	63	10200	180	400	1.1	6700	20	3.4	-1.5	35	6	4.3	0.3	
778	BU020	34.2011	78.0801	4.1	63	2.3	8	11	25400	30	14600	60	500	5.5	4400	40	1.9	1.2	18	3	1.8	M	
784	BU026	34.0258	78.3372	4.8	45	2.2	-3	22	29600	M	22700	70	800	5.1	2900	30	3.6	-1.0	36	6	M	-0.2	
785	BU027	34.0474	78.3029	4.8	42	1.6	5	27	6000	32	7600	230	M	2.1	2100	M	M	M	15	2	1.7	0.1	
794	BU036	34.0146	78.4615	4.0	50	1.4	3	22	5100	-20	6800	50	200	0.8	3300	10	0.7	-1.0	11	1	M	M	
795	BU037	34.0377	78.5007	4.6	45	1.2	6	18	6100	25	6900	70	500	1.1	3800	10	0.1	-1.0	12	2	M	M	
796	BU038	34.0082	78.5413	4.9	47	2.2	8	37	10200	35	10300	140	700	2.2	6400	20	2.6	M	16	3	3.8	0.3	

WHITEVILLE 100K QUADRANGLE - STREAM SEDIMENT

Lab #	County ID	Lat	Long	pH	Cond us/cm	U ppm	Th ppm	Hf ppm	Al ppm	Ce ppm	Fe ppm	Mn ppm	Na ppm	Sc ppm	Ti ppm	V ppm	Dy ppm	Eu ppm	La ppm	Sm ppm	Yb ppm	Lu ppm	Au ppm
797	BU039	34.0056	78.5700	5.3	48	2.6	7	50	4600	56	-5000	130	300	1.5	5400	20	1.3	-1.0	29	3	M	0.7	
798	BU040	34.0450	78.5482	5.0	43	4.9	27	66	9900	95	8100	130	800	1.2	4500	20	3.4	-1.0	53	9	2.1	0.5	
799	BU041	34.0777	78.5133	4.6	48	2.0	6	38	5700	17	10800	80	300	1.0	4200	10	1.3	-1.0	12	M	M	0.3	
800	BU042	34.0780	78.5406	4.9	60	1.7	6	18	11400	24	8100	70	600	1.7	3600	20	1.4	M	14	3	M	0.2	
801	BU043	34.1426	78.5072	4.3	80	2.3	10	34	5000	55	8700	80	200	1.4	4700	20	2.4	0.9	18	3	1.7	0.2	
802	BU044	34.1078	78.4678	4.6	48	2.4	6	33	8300	26	5500	100	700	1.5	4700	20	2.9	-1.0	20	1	M	0.2	
803	BU045	34.1310	78.4269	4.5	50	2.7	7	13	32300	53	17300	70	400	3.9	8400	60	0.4	-1.0	18	3	M	0.2	
804	BU046	34.1922	78.3571	3.9	75	2.1	5	20	22000	25	-5000	60	200	2.8	5800	30	1.3	M	13	2	M	0.3	
805	BU047	34.1404	78.3223	3.9	58	2.7	5	12	24200	66	17700	40	300	3.1	5900	40	3.0	-1.0	14	3	M	0.4	0.048
806	BU048	34.1039	78.3055	3.8	48	1.3	3	25	6400	-20	5900	50	400	2.1	3100	10	M	-1.0	7	1	M	M	
807	BU049	34.1246	78.1431	3.8	48	1.2	3	27	5500	-20	6900	90	500	1.0	4200	10	M	-1.0	8	2	M	0.2	
808	BU050	34.1616	78.1704	5.9	33	1.7	6	28	4700	38	8300	130	400	0.7	5000	10	1.6	-1.0	15	3	M	M	
809	BU051	34.1946	78.2087	5.2	35	1.3	3	15	7400	19	7600	80	700	0.9	3500	10	1.8	-1.0	7	2	M	M	
810	BU052	34.1770	78.1442	6.4	48	2.3	10	28	6500	50	8700	120	800	0.9	4000	10	1.6	-1.0	24	3	M	M	
811	BU053	34.1824	78.0863	6.8	85	2.0	6	26	5200	60	8600	110	600	0.9	4500	10	1.3	1.1	16	2	2.1	0.6	
812	BU054	34.2288	78.1307	4.7	39	1.7	7	21	M	26	7900	M	M	0.5	M	M	M	-1.0	M	M	M	0.2	
813	BU055	34.2478	78.1288	5.7	38	2.0	7	22	9600	40	12000	100	1200	1.4	3500	10	2.2	-1.0	21	M	3.9	0.3	
814	BU056	34.2583	78.0966	3.8	80	2.8	9	9	38400	26	9500	50	500	4.7	6900	70	3.7	-1.0	20	4	M	M	
815	BU057	34.2919	78.1438	6.0	40	3.5	15	36	5700	65	7100	180	400	1.5	7100	20	4.9	M	36	7	M	0.3	
816	BU058	34.3501	78.1169	6.0	35	8.6	41	72	4600	157	10900	230	400	2.2	10200	30	11.5	-1.0	89	19	4.7	0.7	
817	BU059	34.3069	78.0838	4.5	40	4.8	17	36	4800	79	-5000	150	200	1.6	6400	20	5.0	-1.0	41	10	M	0.4	
818	BU060	34.2954	78.0430	5.8	45	M	15	27	7600	54	7900	110	1200	1.5	4300	10	3.3	1.1	27	5	M	0.2	
819	BU061	34.2805	78.0259	6.5	62	3.0	17	38	7200	41	6600	130	1300	1.1	4800	10	1.8	M	23	4	M	M	
820	BU062	34.2594	78.0385	6.3	75	2.7	7	30	5900	59	11100	130	800	2.2	4800	10	1.8	-1.0	27	4	3.3	0.4	
821	BU063	34.2385	78.0388	6.4	50	16.1	45	174	17400	215	25100	1050	700	7.2	41900	100	0.5	-1.0	115	14	6.9	1.3	
885	CB001	34.3772	78.7239	6.1	60	2.4	15	27	7200	33	6000	120	400	2.0	4700	20	3.4	M	19	3	M	0.3	
886	CB002	34.3728	78.7463	5.2	60	2.2	5	25	6500	16	7200	150	200	1.2	5400	20	2.1	-1.0	15	2	M	M	
887	CB003	34.3461	78.7523	6.4	60	1.6	8	19	5900	10	-5000	110	200	0.9	4500	10	1.9	-1.0	23	2	M	M	
888	CB004	34.3011	78.7992	4.0	110	1.8	6	21	5500	18	5300	80	100	1.1	3500	10	1.0	M	11	M	2.3	M	
889	CB005	34.2701	78.7942	4.5	50	2.5	9	34	4000	25	5500	120	200	0.8	4800	20	2.4	-1.0	21	5	M	0.2	
890	CB006	34.2525	78.8196	6.0	60	3.3	13	51	3300	38	8600	180	200	1.6	6600	20	2.0	M	21	3	M	0.3	
891	CB007	34.2531	78.7430	6.5	70	2.4	12	40	3100	30	6700	170	200	1.5	5200	10	2.4	-1.0	20	3	M	M	
892	CB008	34.3012	78.7441	6.6	80	2.0	7	24	7400	50	10300	180	400	3.1	5800	20	2.0	-1.0	48	3	M	0.4	
893	CB009	34.2712	78.8813	5.7	50	1.9	9	20	5600	36	6000	70	300	1.6	3500	10	1.8	M	21	3	M	M	

WHITEVILLE 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
894	CB010	34.3139	78.9029	6.0	50	1.1	2	11	4700	-20	5100	90	200	0.9	3600	10	N	-1.0	6	1	N	N	
897	CB013	34.2649	78.9608	5.3	40	1.6	9	16	5700	24	11200	70	100	1.1	3600	20	1.5	-1.0	8	2	N	0.4	
898	CB014	34.2496	78.9435	5.2	35	2.1	11	23	7900	29	9600	90	600	1.7	4400	20	1.0	-1.0	17	2	N	N	
899	CB015	34.2349	78.9836	6.1	55	7.1	23	93	6900	108	14700	430	300	2.6	12500	30	2.4	-1.0	57	2	N	0.6	
900	CB016	34.2140	78.9349	5.4	40	1.2	4	11	4500	22	-5000	50	200	0.6	2700	10	0.7	N	6	1	N	N	
901	CB017	34.2200	78.8699	5.4	40	1.6	6	23	7400	24	10000	100	300	1.8	5600	20	1.3	N	15	2	1.9	0.1	
902	CB018	34.1886	78.8690	5.1	70	1.9	5	21	5300	-40	8300	90	300	1.6	4800	20	1.2	-1.0	12	2	N	N	
903	CB019	34.2148	78.8452	6.0	50	1.6	6	22	4200	19	6600	50	200	0.6	2500	10	1.2	N	10	N	N	0.1	
904	CB020	34.2020	78.7985	5.9	65	1.6	4	15	9400	16	5600	100	500	1.0	3800	20	2.6	-1.0	11	2	N	0.3	
905	CB021	34.1821	78.8050	5.9	60	1.3	3	19	2200	15	-5000	50	300	0.5	2000	10	0.8	-1.0	8	N	N	N	
906	CB022	34.1725	78.7507	6.0	50	2.3	9	31	6100	45	7600	150	600	0.7	5300	20	1.7	-1.0	32	4	N	0.3	
907	CB023	34.1383	78.7714	6.5	65	2.2	10	23	3400	27	5000	100	400	0.6	3500	10	1.9	-1.0	31	4	N	N	
908	CB024	34.1178	78.7731	5.9	70	2.0	8	27	4400	53	-5000	80	200	0.9	4000	10	1.0	-1.0	18	2	N	0.4	
909	CB025	34.0865	78.8062	6.1	60	1.4	2	20	3800	26	-5000	N	100	0.7	N	N	N	N	8	N	N	N	
910	CB026	34.0821	78.7716	6.0	50	2.1	5	30	5400	30	-5000	170	300	1.4	6000	20	1.8	-1.0	19	2	N	0.1	
911	CB027	34.0744	78.7395	5.5	50	3.3	15	45	4300	68	6500	160	300	1.0	6500	10	2.3	N	27	4	N	0.3	
912	CB028	34.0327	78.7422	6.0	50	2.1	9	22	10100	28	9100	160	1000	1.0	6400	30	3.2	N	14	3	N	0.1	
913	CB029	34.2281	78.6561	5.1	30	2.4	13	14	24900	41	8200	60	300	2.2	5900	40	N	-1.0	14	3	N	0.2	
914	CB030	34.2089	78.6630	4.4	40	2.7	7	27	5900	37	-5000	70	100	1.8	4100	10	2.4	-1.0	27	N	N	0.2	
915	CB031	34.1765	78.6334	4.5	30	3.2	12	39	10900	46	5700	110	300	2.1	6500	30	3.2	2.0	59	6	6.3	N	
916	CB032	34.1596	78.5697	5.7	50	2.1	7	20	8500	22	5600	100	700	1.9	3800	20	2.4	N	15	2	N	N	
917	CB033	34.1584	78.5350	4.3	60	2.2	8	24	5400	46	-5000	90	400	1.3	4100	10	1.3	N	21	2	N	N	
918	CB034	34.1270	78.5842	5.9	60	2.7	7	28	11400	26	5200	120	500	1.8	5200	20	2.2	N	18	3	N	N	
919	CB035	34.1470	78.6376	5.2	65	2.1	11	28	6000	41	-5000	100	800	0.9	4900	10	2.3	N	23	3	N	0.2	
920	CB036	34.1225	78.6451	5.0	70	1.5	4	17	6700	25	11100	60	200	1.3	3800	20	1.2	-1.0	12	2	N	0.3	
921	CB037	34.1012	78.6573	5.4	45	3.4	13	34	21000	21	9300	90	200	2.2	6800	30	3.5	-1.0	32	4	4.0	N	
922	CB038	34.0855	78.6616	5.8	50	4.3	21	47	3600	80	5900	90	300	2.8	3500	10	2.7	-1.0	43	1	3.5	0.3	
923	CB039	34.0687	78.6905	6.1	50	2.1	6	26	4800	26	6000	130	300	2.1	4500	10	1.8	N	17	3	N	0.2	
925	CB041	34.0062	78.7014	5.3	35	1.2	2	12	6000	39	7300	60	400	1.7	2700	10	1.3	N	13	2	N	0.4	
926	CB042	34.1600	78.7169	5.9	60	3.4	12	49	3600	52	9400	200	200	1.4	7100	20	3.1	N	30	1	N	0.2	
927	CB043	34.1411	78.7136	6.4	85	3.9	11	15	30300	76	20000	150	500	4.9	8600	60	4.5	-1.0	63	5	N	0.4	
928	CB044	34.4312	78.7481	6.1	55	2.6	9	35	5700	12	7700	120	100	2.8	4300	20	1.6	N	16	2	N	0.2	
929	CB045	34.4483	78.7239	6.3	45	3.8	4	18	28900	60	12500	170	300	6.4	9700	60	6.2	-1.0	26	5	N	0.7	
930	CB046	34.4534	78.6985	6.2	50	2.3	8	30	7600	-20	8900	90	100	1.0	4800	20	2.2	-1.0	33	3	N	0.4	

WHITEVILLE 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
931	CB047	34.4352	78.6159	6.0	43	3.0	7	19	34200	36	19700	160	300	5.1	7300	70	3.6	M	18	2	2.6	0.3	
932	CB048	34.3886	78.6258	4.3	43	2.0	5	13	13800	25	14700	70	300	3.5	4200	30	2.0	M	13	2	M	0.2	
933	CB049	34.3758	78.6663	5.4	42	2.8	12	44	3900	54	7000	130	100	2.1	5300	10	2.2	0.6	37	4	3.8	0.2	
934	CB050	34.2931	78.6540	5.5	50	3.3	11	16	33800	36	13500	60	200	4.6	6300	50	2.8	-1.0	24	2	2.9	0.3	
935	CB051	34.2703	78.6037	4.7	35	1.4	6	19	2400	12	5500	50	100	0.8	2900	10	1.0	-1.0	24	1	M	M	
936	CB052	34.3555	78.5901	4.5	35	2.7	9	34	3300	48	10100	80	200	1.4	5000	10	2.3	-1.0	25	1	3.1	M	
937	CB053	34.3965	78.5150	5.2	45	1.2	6	17	2300	29	8100	30	100	0.4	1700	10	1.1	-1.0	11	2	M	0.3	
938	CB054	34.3475	78.4944	6.5	80	1.9	8	27	3500	63	-5000	50	100	0.5	2200	10	1.9	-1.0	34	3	M	M	
939	CB055	34.3677	78.4628	6.1	45	2.1	8	26	5100	51	-5000	50	100	1.4	2700	10	1.0	M	15	2	M	0.4	
940	CB056	34.3589	78.4276	5.9	45	3.9	13	13	40200	55	24200	70	300	4.7	7800	70	4.0	-1.0	27	3	M	M	
941	CB057	34.3483	78.4069	5.8	48	2.0	8	24	4500	49	-5000	70	300	0.9	3600	10	1.7	M	18	M	M	0.2	
942	CB058	34.3218	78.4509	5.5	40	6.4	19	6	61000	M	28000	100	600	11.0	4700	70	M	M	28	3	M	-0.2	
943	CB059	34.3030	78.3173	6.0	43	2.9	7	12	44200	70	26200	140	900	6.8	5300	50	8.2	1.6	37	5	M	0.2	
944	CB060	34.2756	78.2942	5.0	39	1.7	9	17	4100	20	7800	70	600	0.8	2700	10	M	M	14	2	M	M	
945	CB061	34.2614	78.2728	6.3	53	2.6	7	29	6900	34	9900	90	300	2.0	4000	10	1.9	M	21	3	M	0.3	
946	CB062	34.2987	78.2168	5.8	40	M	6	14	27200	49	12000	90	500	3.8	4000	50	3.7	-1.0	30	5	M	0.3	
947	CB063	34.3062	78.2442	6.2	45	0.9	M	7	2500	M	M	30	200	0.8	1100	M	0.4	M	5	1	M	M	
948	CB064	34.3755	78.3004	5.8	50	2.9	11	30	6600	62	8400	150	1200	1.2	5400	20	3.4	-1.0	24	4	M	0.4	
949	CB065	34.3599	78.3130	6.0	35	2.2	5	12	23200	39	12900	120	700	3.0	3900	30	2.2	M	21	3	M	0.2	
950	CB066	34.3439	78.8707	6.1	60	1.8	6	25	4500	-31	9500	150	200	1.8	6500	20	1.5	-1.0	14	2	M	M	
951	CB067	34.3309	78.8840	6.4	75	1.7	7	16	7700	19	8700	110	200	2.0	4400	20	1.6	M	15	1	1.9	0.3	
952	CB068	34.3611	78.9139	4.9	45	M	14	36	6500	101	6700	120	100	1.4	7000	20	3.8	M	39	6	2.4	M	
953	CB069	34.4024	78.8975	5.2	55	3.1	4	17	13900	32	10300	60	200	3.4	4500	30	2.1	-1.0	44	3	M	0.2	
954	CB070	34.4046	78.7888	6.1	55	1.0	7	11	5100	-20	7200	80	400	1.2	3900	10	M	-1.0	6	1	M	0.3	
955	CB071	34.4459	78.7832	5.1	45	2.1	7	21	3500	49	12000	60	100	0.8	3800	10	1.5	-1.0	13	1	M	M	
956	CB072	34.4614	78.8573	4.6	48	2.2	7	34	3500	23	6400	150	100	1.7	7000	20	1.6	M	19	3	M	0.6	
957	CB073	34.4509	78.8916	5.4	50	M	8	12	24400	36	7200	60	400	1.3	5700	40	3.1	-1.0	22	4	M	0.2	
958	CB074	34.4221	78.9459	4.3	62	M	32	87	3300	136	6100	30	100	2.2	6600	20	6.4	-1.0	116	11	4.7	0.7	
959	CB075	34.3837	78.9553	4.5	48	3.0	10	27	6700	50	5800	50	100	2.3	5800	20	1.8	-1.0	44	3	M	M	
960	CB076	34.3278	78.9694	6.0	65	2.5	6	18	15300	23	7800	80	200	2.9	4700	20	1.8	M	34	1	4.4	M	
961	CB077	34.1893	78.6992	4.7	48	3.2	6	14	32900	61	17100	70	400	4.5	8800	60	3.1	0.7	21	5	M	0.3	
4528	PE001	34.4174	78.0518	4.3	70	3.0	-3	9	30700	75	28800	90	800	8.1	5800	50	4.6	-1.0	76	6	M	M	
4529	PE002	34.4422	78.0555	4.6	30	3.0	11	16	10600	32	8900	90	400	4.3	4400	30	3.1	M	17	11	M	0.4	
4530	PE003	34.3974	78.1640	6.4	150	10.3	48	61	25500	204	11900	220	3500	4.5	6600	30	9.1	-1.3	102	18	8.4	0.9	

WHITEVILLE 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
4531	PE004	34.3991	78.1974	5.2	60	7.6	33	44	17900	157	7800	220	3100	5.2	6400	30	1.6	-1.0	71	13	4.2	0.6	
4532	PE005	34.4146	78.1351	5.5	50	11.8	53	60	18100	211	14500	310	3400	5.1	8800	40	9.8	-1.0	103	24	6.9	1.6	
4533	PE006	34.4390	78.1384	5.2	35	6.5	23	64	14000	104	10900	210	1300	1.5	8300	30	4.2	0.6	53	5	2.9	0.5	
4534	PE007	34.4869	78.1607	6.3	40	3.7	15	45	6900	44	10700	150	1200	1.7	5900	10	3.0	-1.0	28	4	N	0.4	
4541	PE014	34.4734	78.0862	6.3	55	6.3	26	65	9500	122	7400	180	1600	0.9	8300	20	6.5	-1.0	71	12	N	0.6	
4542	PE015	34.4734	78.0521	6.4	45	2.9	14	36	5900	64	7700	250	600	2.0	10900	30	2.8	1.1	27	4	N	0.2	
4545	PE018	34.4913	78.0760	6.4	40	N	72	193	8000	317	13400	200	200	1.9	10700	30	11.1	1.7	198	4	7.9	1.7	
5040	RB057	34.4488	78.9695	6.6	60	8.9	40	44	6300	172	5700	90	200	1.7	5500	20	7.5	N	141	3	4.7	0.5	
5041	RB058	34.4743	78.9834	5.1	45	2.7	11	22	10200	30	7100	130	200	2.7	5900	20	1.7	N	26	4	N	N	

MYRTLE BEACH 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
759	BU001	33.9379	78.0625	6.5	110	2.0	6	33	13000	24	11000	190	2000	0.8	8100	30	3.9	-1.0	14	2	2.7	0.2	
760	BU002	33.9617	78.0807	4.0	75	2.0	-2	12	7400	47	19900	100	700	3.0	4500	20	1.2	-1.0	17	2	M	-0.2	
769	BU011	33.9991	78.2124	6.6	83	2.1	6	28	17500	39	20600	180	900	3.1	6100	20	M	-1.0	22	3	1.2	0.3	
770	BU012	33.9283	78.2414	6.1	80	15.5	35	356	14500	145	32800	1150	1600	6.0	39900	100	6.6	-1.0	85	13	9.2	2.1	
771	BU013	33.9680	78.2616	6.9	148	1.8	4	32	9300	-20	12400	120	1100	1.5	4700	20	M	-1.0	11	2	M	0.2	
779	BU021	33.9738	78.2042	5.5	65	1.6	4	33	9100	14	7100	160	700	1.6	7400	20	M	-1.0	11	2	1.8	0.1	
780	BU022	33.9380	78.3183	6.2	110	3.1	12	69	5800	54	17500	240	1000	2.6	7900	20	0.3	-1.0	19	4	2.5	0.5	
781	BU023	33.9648	78.3249	5.9	75	2.0	5	21	17700	33	19800	100	500	2.7	4900	30	1.9	1.1	14	4	M	0.2	0.036
782	BU024	33.9782	78.3520	6.0	50	1.3	6	16	5400	20	10700	130	500	1.6	4900	20	2.0	-1.0	5	1	M	M	
783	BU025	33.9796	78.3763	5.0	45	7.7	33	104	8300	134	11000	290	400	4.2	10700	30	5.9	-1.0	84	2	M	0.7	
786	BU028	33.9187	78.4169	5.7	80	2.3	11	35	5800	38	8900	140	1000	1.6	4500	10	1.3	M	17	2	M	0.3	
787	BU029	33.9586	78.4262	4.4	50	1.2	3	22	4000	24	-5000	120	400	1.1	4700	10	0.7	-1.0	8	1	M	M	
788	BU030	33.9531	78.4640	4.5	43	5.8	16	111	6300	74	7500	230	400	1.5	8500	30	4.4	M	46	8	M	0.6	
789	BU031	33.9812	78.5272	4.2	57	2.2	8	35	6200	41	8100	100	700	1.3	4000	10	1.9	-1.0	17	3	M	0.3	
790	BU032	33.9557	78.5746	4.6	58	2.6	11	40	7000	35	9700	190	800	1.9	7200	20	2.4	-1.0	22	4	M	M	
791	BU033	33.9406	78.6080	5.5	70	1.5	4	18	7800	-20	8000	100	400	1.5	4800	20	1.5	-1.0	47	2	M	M	
792	BU034	33.9193	78.5753	5.7	75	1.7	10	25	14700	29	15000	140	400	1.8	6900	30	0.7	-1.0	25	1	M	M	
793	BU035	33.9833	78.4152	4.1	47	1.1	5	15	4500	18	-5000	50	200	0.6	3000	10	1.1	M	12	1	2.2	0.2	
924	CB040	33.9920	78.6573	5.2	40	2.3	5	17	13700	25	13200	90	400	3.0	4300	20	2.0	M	21	M	M	0.3	

WHITEVILLE 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
403	BL508	34.4951	78.8023	7.2	310	0.034	37	6900	124	2290	73	17020	0.3	0.1	157	-0.001
404	BL509	34.4716	78.8369	6.6	90	0.027	82	6700	49	1370	59	14290	-0.1	0.3	166	-0.001
405	BL510	34.4917	78.8636	5.2	110	0.023	36	8300	.	1660	99	11680	-0.1	0.2	422	-0.001
479	BL584	34.4620	78.2602	5.4	135	0.001	.	12700	.	1540	57	14750	-0.1	0.0	80	-0.001
480	BL585	34.4724	78.2007	8.2	900	0.005	66	43600	55	.	62	61690	-0.1	0.0	156	0.020
481	BL586	34.4377	78.2209	5.6	75	0.014	58	8000	28	.	35	13600	0.9	0.1	412	-0.001
482	BL587	34.4135	78.2528	8.3	1100	0.015	182	35300	59	.	25	44500	-0.1	0.0	168	-0.001
483	BL588	34.4342	78.2856	4.8	110	0.040	93	8000	118	1890	48	12340	0.9	0.3	1715	-0.001
484	BL589	34.4563	78.3143	5.2	60	0.023	34	8100	.	.	41	12350	-0.1	0.3	246	-0.001
485	BL590	34.4838	78.3482	7.6	320	0.028	40	8900	17	7190	27	18780	0.3	0.0	189	-0.001
488	BL593	34.4611	78.3827	6.5	45	0.040	57	5700	.	.	26	11250	-0.1	0.8	116	-0.001
489	BL594	34.4484	78.3966	7.4	345	0.008	45	7000	38	3360	36	13770	-0.1	0.0	145	-0.001
490	BL595	34.4256	78.3779	7.5	370	0.021	36	7300	76	2070	43	13200	0.4	0.0	120	-0.001
491	BL596	34.4255	78.3480	7.3	410	0.007	89	8700	82	9830	16	14140	-0.1	0.0	137	-0.001
492	BL597	34.4075	78.3240	5.7	320	0.038	.	25600	79	7410	50	14600	-0.1	0.1	264	0.080
493	BL598	34.3957	78.3372	7.2	375	0.014	44	7400	46	1090	58	12990	-0.1	0.0	190	-0.001
494	BL599	34.4003	78.2928	5.9	50	0.036	43	6000	14	.	29	11810	-0.1	0.7	156	-0.001
495	BL600	34.3945	78.4571	7.3	550	0.009	106	16700	.	11270	94	26200	-0.1	0.0	209	0.030
496	BL601	34.4180	78.4883	7.7	250	0.037	30	6500	36	1690	70	12200	-0.1	0.1	137	-0.001
497	BL602	34.4401	78.4268	6.8	215	0.049	88	7800	15	.	156	13790	-0.1	0.2	114	-0.001
498	BL603	34.4501	78.4578	7.1	405	0.002	38	24400	.	1430	85	13750	-0.1	0.0	107	-0.001
499	BL604	34.4646	78.4354	7.6	305	0.021	66	6900	37	1620	61	13450	-0.1	0.0	105	-0.001
500	BL605	34.4932	78.4354	7.4	225	0.007	75	6500	70	1760	84	11680	0.3	0.0	113	-0.001
509	BL614	34.4895	78.5142	7.4	270	-0.002	36	7600	52	.	102	13800	-0.1	0.0	102	-0.001
510	BL615	34.4699	78.5406	7.6	250	0.011	39	7400	48	2230	127	13610	-0.1	0.0	143	-0.001
511	BL616	34.4436	78.5251	7.8	200	-0.002	75	6400	.	770	73	12730	-0.1	0.0	163	-0.001
512	BL617	34.4484	78.5803	7.4	295	0.030	32	4400	83	1490	90	13990	-0.1	0.1	124	-0.001
513	BL618	34.4705	78.6070	7.5	395	0.003	24	7200	91	3170	85	15860	-0.1	0.0	161	-0.001
514	BL619	34.4699	78.6631	7.5	305	0.009	23	5600	34	1760	71	14140	-0.1	0.0	159	-0.001
515	BL620	34.4897	78.6955	7.5	180	-0.002	21	4100	54	1720	68	13210	-0.1	0.0	118	-0.001
516	BL621	34.4683	78.7836	5.7	40	0.003	69	9700	.	.	40	13200	-0.1	0.0	93	-0.001
517	BL622	34.4910	78.7348	7.0	400	-0.002	.	7600	89	.	79	16270	-0.1	0.0	147	0.010
520	BL625	34.4961	78.5723	7.5	370	0.018	.	9300	68	4500	162	17990	-0.1	0.0	196	-0.001
678	BU502	34.0105	78.1372	7.8	250	-0.002	.	6900	75	.	50	17470	-0.1	0.0	156	-0.001

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Lab #	County ID	Lat	Long	pH	Cond um/cm	U ppb	Br ppb	Cl ppb	F ppb	Mg ppb	Mn ppb	Na ppb	V ppb	U/cond x1000	Al ppb	Dy ppb
679	BU503	34.0337	78.1456	7.8	270	0.010	.	9500	58	.	60	18500	-0.1	0.0	126	0.010
680	BU504	34.0557	78.1275	7.4	405	0.017	.	8700	53	.	75	19080	-0.1	0.0	117	-0.001
681	BU505	34.0782	78.1412	7.2	490	0.055	18	13100	157	5490	63	22490	-0.1	0.1	161	-0.001
682	BU506	34.0676	78.0970	7.6	315	0.007	34	8500	59	.	62	18140	-0.1	0.0	117	-0.001
683	BU507	34.0295	78.0658	7.5	313	0.029	.	6900	70	1510	57	16590	0.3	0.0	106	-0.001
684	BU508	34.0442	78.0495	5.3	30	-0.002	.	5400	.	.	32	15480	-0.1	0.0	323	-0.001
685	BU509	34.0801	78.0199	7.1	420	-0.002	.	11000	102	1710	87	20170	-0.1	0.0	152	-0.001
697	BU521	34.0217	78.0296	5.9	55	0.013	47	9900	.	.	33	17350	-0.1	0.2	170	-0.001
698	BU522	34.0074	78.1814	7.8	268	0.005	51	10000	40	.	40	19550	-0.1	0.0	179	-0.001
700	BU524	34.0282	78.2567	7.7	315	-0.002	36	9800	67	3820	34	19890	-0.1	0.0	148	-0.001
701	BU525	34.0745	78.2022	7.7	255	0.020	.	9900	37	.	50	17590	-0.1	0.0	148	-0.001
702	BU526	34.0540	78.1668	7.4	407	-0.002	.	10900	39	.	50	17140	-0.1	0.0	129	-0.001
703	BU527	34.0234	78.2025	7.7	295	0.032	.	11000	26	.	44	18640	-0.1	0.1	149	-0.001
704	BU528	34.0282	78.3138	7.7	260	0.024	.	5300	37	.	50	15120	-0.1	0.0	144	-0.001
705	BU529	34.1846	78.3523	7.4	200	0.056	.	13300	.	.	28	20290	-0.1	0.2	182	-0.001
706	BU530	34.0143	78.2835	7.7	550	0.004	157	41200	409	18390	53	72720	-0.1	0.0	294	0.090
731	BU555	34.1338	78.4275	8.2	215	0.270	.	10900	59	.	44	17210	0.3	1.2	90	-0.001
732	BU556	34.1125	78.4620	8.3	2150	-0.002	2650	375600	.	.	273	586600	-0.1	0.0	2438	0.280
733	BU557	34.1474	78.5109	8.7	1080	0.055	.	74100	953	.	153	227650	-0.1	0.0	760	-0.001
734	BU558	34.1034	78.5226	8.5	1570	0.016	404	199400	555	.	97	297400	-0.1	0.0	638	-0.001
735	BU559	34.0820	78.5440	8.6	1170	0.149	541	114600	1517	.	77	247800	-0.1	0.1	780	-0.001
736	BU560	34.0598	78.5217	8.1	2950	-0.002	.	564400	.	.	117	734600	-0.1	0.0	2834	-0.001
737	BU561	34.0878	78.4817	7.3	444	0.037	.	14000	55	.	75	26650	-0.1	0.0	127	-0.001
738	BU562	34.0384	78.4890	7.7	355	0.010	.	16900	65	.	39	35580	-0.1	0.0	119	-0.001
739	BU563	34.0546	78.4571	6.5	140	-0.002	.	15300	.	.	44	20370	2.8	0.0	347	-0.001
740	BU564	34.0181	78.4634	7.4	265	0.008	63	9100	67	.	56	21210	-0.1	0.0	127	-0.001
741	BU565	34.0380	78.5410	7.5	290	0.011	.	8700	68	1480	88	24040	-0.1	0.0	130	-0.001
742	BU566	34.0091	78.5718	7.3	360	0.014	51	11600	20	.	51	22820	-0.1	0.0	160	-0.001
743	BU567	34.0044	78.5187	8.1	2710	0.082	.	541600	.	.	206	674400	-0.1	0.0	3360	-0.001
745	BU569	34.1197	78.0916	7.8	213	0.011	.	6800	87	1890	54	16190	-0.1	0.0	160	-0.001
746	BU570	34.0041	78.0470	7.2	450	0.019	47	14000	151	5430	236	21880	-0.1	0.0	148	-0.001
752	BU576	34.0947	78.1140	7.3	350	0.016	24	7800	46	.	52	17880	-0.1	0.0	125	-0.001
753	BU577	34.1027	78.0548	7.2	325	-0.002	.	7500	25	.	68	19080	-0.1	0.0	164	-0.001
755	BU579	34.1307	78.0191	7.4	475	0.005	151	28000	95	8060	49	34730	0.7	0.0	103	-0.001

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Lab #	County ID	Lat	Long	pH	Cond um/cm	U ppb	Br ppb	Cl ppb	F ppb	Mg ppb	Mn ppb	Na ppb	V ppb	U/cond x1000	Al ppb	Dy ppb
757	BU581	34.1721	78.1835	7.4	260	0.007	23	6100	88	3910	44	17680	-0.1	0.0	125	-0.001
758	BU582	34.1609	78.1572	7.7	177	0.006	11	4300	45	.	31	15000	-0.1	0.0	141	-0.001
759	BU583	34.1462	78.1203	7.6	250	0.396	.	5700	39	.	20	15470	0.3	1.5	144	-0.001
760	BU584	34.1394	78.0675	7.5	325	0.010	.	7800	48	.	43	19700	-0.1	0.0	126	-0.001
761	BU585	34.1255	78.1366	7.4	300	0.039	.	7300	52	890	41	16410	-0.1	0.1	118	-0.001
762	BU586	34.1018	78.1530	7.4	365	0.008	.	9800	39	1710	46	17760	-0.1	0.0	133	-0.001
763	BU587	34.1699	78.0923	7.6	293	0.002	.	9500	100	1530	34	17410	-0.1	0.0	46	-0.001
764	BU588	34.2092	78.0895	5.3	35	-0.002	31	5800	.	.	20	15080	-0.1	0.0	277	-0.001
765	BU589	34.2328	78.1380	5.8	50	0.019	34	6800	25	.	33	15280	-0.1	0.3	132	-0.001
766	BU590	34.2673	78.1422	6.4	145	0.016	.	8100	.	.	34	17110	-0.1	0.1	163	-0.001
767	BU591	34.2477	78.1189	7.4	230	0.033	.	5100	40	.	40	15420	-0.1	0.1	150	-0.001
768	BU592	34.2427	78.0560	5.7	71	0.021	19	7600	.	1000	33	16520	0.6	0.3	184	-0.001
769	BU593	34.3457	78.1674	6.0	55	0.036	135	5200	19	3730	46	15170	-0.1	0.6	281	0.020
770	BU594	34.3141	78.1438	5.2	65	0.009	.	8200	.	.	27	16980	-0.1	0.1	289	-0.001
771	BU595	34.3099	78.0778	6.1	30	0.006	.	4100	.	.	45	14470	0.4	0.2	191	-0.001
772	BU596	34.2933	78.0567	5.6	100	0.006	60	5300	12	.	36	15330	-0.1	0.0	197	-0.001
773	BU597	34.2717	78.0190	5.3	30	0.022	.	4800	.	.	24	14350	-0.1	0.7	222	-0.001
774	BU598	34.2417	78.0026	5.3	80	0.160	.	7700	.	.	35	16540	0.3	2.0	259	0.020
776	BU600	34.2163	78.0219	4.5	140	0.249	122	13800	46	2120	36	21480	-0.1	1.7	948	0.050
777	BU601	34.2031	78.0562	4.3	200	0.422	.	15200	68	5100	50	22940	-0.1	2.1	1616	0.040
778	BU602	34.2775	78.1114	6.7	170	0.151	.	6500	58	.	38	16770	0.6	0.8	115	-0.001
779	BU603	34.3129	78.0406	6.0	69	0.011	19	5000	23	.	32	15710	0.8	0.1	291	-0.001
819	CB501	34.3689	78.7178	7.5	208	-0.002	.	4900	130	.	129	13150	-0.1	0.0	166	-0.001
820	CB502	34.3910	78.7427	7.6	202	0.017	12	4700	52	.	116	12020	-0.1	0.0	164	-0.001
821	CB503	34.4172	78.7347	7.2	108	0.014	.	4700	114	1830	95	22750	-0.1	0.1	179	-0.001
822	CB504	34.4379	78.7588	7.4	162	0.025	21	4600	100	5500	100	19870	-0.1	0.1	132	-0.001
823	CB505	34.4486	78.7020	7.2	202	0.012	.	4700	112	.	96	12130	-0.1	0.0	174	-0.001
824	CB506	34.4132	78.7875	7.5	270	0.016	35	5000	37	4570	134	14300	-0.1	0.0	166	-0.001
825	CB507	34.4405	78.8049	7.0	115	-0.002	.	3800	153	.	80	14650	-0.1	0.0	146	-0.001
826	CB508	34.4464	78.8601	5.6	48	0.050	.	6400	.	.	72	10630	-0.1	1.0	182	-0.001
827	CB509	34.4233	78.8323	6.3	50	0.015	.	3700	139	.	85	10970	-0.1	0.3	155	-0.001
828	CB510	34.3927	78.8026	6.3	39	0.016	.	3400	49	.	81	10770	-0.1	0.4	155	-0.001
829	CB511	34.3603	78.8302	6.5	120	0.014	.	4600	106	.	119	12550	-0.1	0.1	141	-0.001
830	CB512	34.3712	78.7803	6.8	52	0.014	19	4700	286	.	87	12300	-0.1	0.2	189	-0.001

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Lab #	County ID	Lat	Long	pH	Cond um/cm	U ppb	Br ppb	Cl ppb	F ppb	Mg ppb	Mn ppb	Na ppb	V ppb	U/cond x1000	Al ppb	Dy ppb
831	CB513	34.3456	78.7499	7.4	130	0.004	.	4000	41	3020	129	18000	-0.1	0.0	245	-0.001
832	CB514	34.3713	78.6638	7.7	252	-0.002	.	3800	58	3530	71	17290	-0.1	0.0	254	-0.001
833	CB515	34.4028	78.6870	7.0	150	-0.002	.	4600	91	2180	63	18120	-0.1	0.0	219	-0.001
834	CB516	34.4165	78.6649	7.4	255	-0.002	.	3800	32	1770	117	17640	0.4	0.0	211	-0.001
835	CB517	34.4219	78.6053	7.3	271	-0.002	.	4700	48	2090	67	18140	-0.1	0.0	223	-0.001
836	CB518	34.4372	78.6363	7.5	402	0.016	.	7100	96	3210	128	18440	0.3	0.0	196	0.010
837	CB519	34.2771	78.7279	7.8	238	-0.002	.	4000	97	3300	79	18600	0.4	0.0	194	-0.001
838	CB520	34.2906	78.6990	7.7	278	-0.002	.	4500	94	6210	67	22350	-0.1	0.0	113	-0.001
839	CB521	34.2501	78.6931	7.5	252	0.009	.	5000	70	6820	94	19920	-0.1	0.0	156	-0.001
840	CB522	34.2553	78.7478	7.9	144	0.007	19	4000	96	8840	62	18720	-0.1	0.0	129	0.010
841	CB523	34.2280	78.7189	8.0	220	0.024	.	4200	137	6590	58	18760	-0.1	0.1	143	-0.001
842	CB524	34.2275	78.6483	8.2	210	0.025	.	3200	29	3150	47	31040	-0.1	0.1	70	-0.001
843	CB525	34.2200	78.6208	8.3	152	-0.002	.	3400	465	.	28	59700	-0.1	0.0	80	-0.001
844	CB526	34.2777	78.6102	7.1	1050	-0.002	667	133400	.	.	189	201600	-0.1	0.0	167	-0.001
845	CB527	34.2977	78.6476	8.2	384	0.004	71	6800	494	.	34	67490	-0.1	0.0	56	-0.001
846	CB528	34.3250	78.6497	8.0	115	-0.002	12	5200	57	4410	47	21000	-0.1	0.0	131	-0.001
847	CB529	34.3440	78.5215	7.7	150	-0.002	.	4300	44	7090	41	18610	-0.1	0.0	100	-0.001
848	CB530	34.3616	78.4923	7.8	202	0.010	.	3700	38	4340	67	17930	-0.1	0.0	154	-0.001
849	CB531	34.3985	78.5233	7.7	195	0.018	.	4800	44	.	66	15960	-0.1	0.0	194	-0.001
850	CB532	34.4019	78.5651	7.4	118	0.001	28	3400	62	1770	117	17290	-0.1	0.0	136	0.020
851	CB533	34.3759	78.6159	7.8	214	-0.002	.	3600	56	1210	72	18390	-0.1	0.0	172	-0.001
852	CB534	34.3466	78.6262	7.9	230	0.019	.	3900	46	5730	55	16570	-0.1	0.0	139	-0.001
853	CB535	34.3377	78.5884	7.8	235	-0.002	.	4300	53	8610	46	17860	-0.1	0.0	167	-0.001
854	CB536	34.3914	78.6421	7.4	302	-0.002	.	4800	37	.	102	17280	-0.1	0.0	190	-0.001
855	CB537	34.3996	78.8701	7.5	202	-0.002	44	5900	122	4700	90	18560	-0.1	0.0	144	-0.001
856	CB538	34.4236	78.9035	6.7	82	-0.002	.	7800	.	2190	79	17310	1.3	0.0	121	-0.001
857	CB539	34.4503	78.9174	6.1	80	0.015	.	8800	31	1020	46	19980	-0.1	0.1	316	-0.001
858	CB540	34.4181	78.9476	6.7	362	-0.002	.	4600	98	3550	108	21480	-0.1	0.0	90	-0.001
859	CB541	34.3751	78.9512	6.9	163	0.015	.	3500	122	1550	88	25440	0.3	0.0	100	-0.001
860	CB542	34.3723	78.9080	7.7	88	0.013	.	3700	145	1500	54	17480	-0.1	0.1	72	-0.001
861	CB543	34.3494	78.9310	4.9	78	0.057	63	7000	35	3070	43	17930	-0.1	0.7	216	0.040
862	CB544	34.3291	78.9573	6.9	188	0.001	34	11800	295	.	41	40970	-0.1	0.0	131	-0.001
863	CB545	34.3268	78.9930	6.8	68	0.005	.	4300	141	5560	67	20490	-0.1	0.0	181	-0.001
864	CB546	34.3517	78.9643	6.2	62	0.019	.	4000	24	.	52	15840	-0.1	0.3	192	-0.001

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Lab #	County ID	Lat	Long	pH	Cond um/cm	U ppb	Br ppb	Cl ppb	F ppb	Mg ppb	Mn ppb	Na ppb	V ppb	U/cond x1000	Al ppb	Dy ppb
865	CB547	34.3289	78.8927	6.9	107	0.008	.	3600	85	2510	80	20570	-0.1	0.0	208	-0.001
866	CB548	34.3478	78.8723	6.3	68	0.024	29	3900	148	.	58	17010	-0.1	0.3	166	-0.001
867	CB549	34.3107	78.7704	7.2	132	0.003	.	4200	39	6490	154	17690	-0.1	0.0	139	-0.001
868	CB550	34.2914	78.7455	7.8	308	0.018	.	5100	118	7670	57	18970	-0.1	0.0	67	-0.001
869	CB551	34.2724	78.7671	7.8	224	-0.002	.	3700	19	.	105	16830	-0.1	0.0	86	-0.001
870	CB552	34.2985	78.8091	7.9	228	0.025	.	4200	86	.	92	16960	-0.1	0.1	59	-0.001
871	CB553	34.2774	78.8385	7.5	206	0.006	.	4800	161	.	127	18610	-0.1	0.0	94	-0.001
872	CB554	34.3013	78.8589	6.9	112	0.006	.	4400	373	.	34	31180	-0.1	0.0	144	-0.001
873	CB555	34.2402	78.8007	7.7	120	0.007	.	4300	117	3420	84	18290	-0.1	0.0	109	-0.001
874	CB556	34.2123	78.8068	7.4	212	0.030	.	3700	132	6270	49	22020	-0.1	0.1	153	-0.001
875	CB557	34.2343	78.8417	7.5	304	-0.002	.	4800	82	4240	150	19980	-0.1	0.0	167	-0.001
876	CB558	34.2575	78.8582	7.2	147	0.039	41	5700	90	4290	152	20030	-0.1	0.2	133	-0.001
877	CB559	34.3232	78.8514	7.4	108	0.010	.	4100	113	.	120	17500	-0.1	0.0	176	-0.001
878	CB560	34.3446	78.8148	6.7	152	0.011	30	5000	118	1200	68	17360	-0.1	0.0	105	-0.001
879	CB561	34.3034	78.9081	7.6	112	-0.002	.	4200	77	.	72	16650	-0.1	0.0	131	-0.001
880	CB562	34.3056	78.9829	6.6	96	0.012	40	4000	40	.	85	16210	-0.1	0.1	98	-0.001
883	CB565	34.2522	78.9817	7.2	288	0.005	.	4100	152	8090	74	24370	-0.1	0.0	141	-0.001
884	CB566	34.2167	78.9455	7.5	280	0.013	.	4000	123	7300	52	30810	-0.1	0.0	153	-0.001
885	CB567	34.2079	78.9150	7.4	403	0.024	.	5300	181	8080	23	44710	-0.1	0.0	123	-0.001
886	CB568	34.2734	78.9488	6.8	58	-0.002	.	4300	50	.	79	17560	-0.1	0.0	123	-0.001
887	CB569	34.2760	78.8934	7.4	230	0.012	.	4400	86	920	103	17190	-0.1	0.0	176	-0.001
888	CB570	34.2047	78.8683	7.4	302	-0.002	18	4300	185	4580	60	26360	-0.1	0.0	131	-0.001
889	CB571	34.2005	78.8093	7.6	262	0.015	.	3800	46	2780	159	20350	-0.1	0.0	169	-0.001
890	CB572	34.2047	78.7614	7.8	242	0.016	14	4500	46	1620	147	18840	-0.1	0.0	187	-0.001
891	CB573	34.1834	78.7837	7.8	210	-0.002	.	4600	19	.	74	17370	-0.1	0.0	186	-0.001
892	CB574	34.1803	78.8412	7.4	275	0.018	.	5200	52	4530	217	23560	-0.1	0.0	187	-0.001
893	CB575	34.1777	78.8953	7.7	360	0.015	28	4700	201	7550	77	52000	-0.1	0.0	120	-0.001
894	CB576	34.1308	78.8408	7.1	112	0.026	.	4100	33	.	73	18280	-0.1	0.2	97	-0.001
895	CB577	34.1124	78.8103	8.3	352	0.003	305	3800	835	3090	.	65360	-0.1	0.0	21	-0.001
896	CB578	34.1396	78.7832	8.0	354	0.016	30	4300	617	5450	.	63760	-0.1	0.0	31	-0.001
897	CB579	34.1538	78.7440	7.4	247	-0.002	.	4200	59	1720	69	18450	-0.1	0.0	119	-0.001
898	CB580	34.1340	78.7205	8.1	354	0.015	.	4700	923	.	.	61620	-0.1	0.0	153	-0.001
899	CB581	34.1743	78.7198	8.6	312	-0.002	.	3000	559	2350	26	59610	-0.1	0.0	103	-0.001
900	CB582	34.1578	78.6860	8.7	360	0.020	.	3900	756	.	.	61800	-0.1	0.0	73	-0.001

WHITEVILLE 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
901	CB583	34.1810	78.6687	7.7	238	0.021	.	4200	65	2180	47	19810	-0.1	0.0	62	-0.001
902	CB584	34.1979	78.6313	8.9	285	-0.002	22	2800	524	.	11	53050	-0.1	0.0	83	-0.001
903	CB585	34.1837	78.5998	9.0	412	0.006	56	2600	945	1880	13	75960	-0.1	0.0	123	-0.001
904	CB586	34.1505	78.6336	8.7	452	0.026	25	3700	1142	.	9	79080	-0.1	0.0	152	0.010
905	CB587	34.1279	78.6672	7.7	372	0.151	76	11100	239	.	33	44880	-0.1	0.4	89	-0.001
906	CB588	34.1017	78.6998	8.5	480	0.029	31	4900	1865	2040	89	81150	-0.1	0.0	111	-0.001
907	CB589	34.0842	78.6750	8.7	600	-0.002	.	9100	2356	.	39	108000	1.1	0.0	169	-0.001
908	CB590	34.0608	78.6945	8.7	820	0.017	.	24200	2614	.	.	139360	-0.1	0.0	117	-0.001
909	CB591	34.0751	78.7278	7.8	690	0.030	100	12200	1207	2680	.	60670	-0.1	0.0	95	0.020
910	CB592	34.1082	78.7569	6.3	110	0.025	54	6600	.	.	33	20760	-0.1	0.2	135	-0.001
911	CB593	34.0878	78.7786	7.4	352	0.028	64	5300	918	.	.	56680	-0.1	0.0	120	-0.001
912	CB594	34.0619	78.7626	8.3	320	0.014	37	12200	2781	.	40	91440	-0.1	0.0	112	-0.001
913	CB595	34.0229	78.7172	8.9	1230	0.131	1161	203300	.	10150	136	209400	-0.1	0.1	457	-0.001
915	CB597	34.0638	78.6304	8.7	780	0.064	118	46600	3884	.	10	165760	-0.1	0.0	332	-0.001
916	CB598	34.0651	78.5768	7.9	2200	-0.002	1570	629400	.	.	288	795200	-0.1	0.0	3560	-0.001
917	CB599	34.0881	78.6174	8.6	800	0.025	209	30600	2678	.	46	146540	-0.1	0.0	216	0.050
918	CB600	34.1146	78.6386	8.5	420	0.002	.	4600	1499	2360	23	88280	-0.1	0.0	102	-0.001
919	CB601	34.1396	78.5951	8.9	250	0.018	72	5300	1365	.	29	87930	-0.1	0.0	82	-0.001
920	CB602	34.1612	78.5712	8.4	442	0.011	.	4300	1209	.	27	77110	-0.1	0.0	96	-0.001
921	CB603	34.1706	78.5458	7.6	650	0.032	36	36500	1004	5880	53	121560	-0.1	0.0	144	-0.001
922	CB604	34.[illegible]137	78.6015	7.6	230	0.002	.	M	.	.	.	760	0.9	0.0	.	-0.001
923	CB605	34.2966	78.5742	7.7	223	0.023	20	3200	79	4090	18	19170	-0.1	0.1	96	-0.001
924	CB606	34.3231	78.5049	7.2	240	0.006	.	4400	65	7500	23	25620	0.3	0.0	168	-0.001
925	CB607	34.3174	78.4183	8.4	272	-0.002	.	3200	322	.	34	53070	-0.1	0.0	124	-0.001
926	CB608	34.2315	78.3837	6.4	800	0.024	.	10200	88	.	18	70850	-0.1	0.0	136	-0.001
927	CB609	34.2551	78.3889	7.4	900	0.005	.	74500	179	11430	.	145800	-0.1	0.0	279	-0.001
928	CB610	34.3656	78.4427	8.1	185	0.002	38	5700	67	8460	50	19810	-0.1	0.0	141	-0.001
929	CB611	34.3380	78.4025	6.2	295	0.009	55	3700	116	8280	23	20170	0.4	0.0	130	-0.001
930	CB612	34.3173	78.5592	8.1	240	0.003	23	4500	89	5960	36	16200	-0.1	0.0	135	-0.001
931	CB613	34.3170	78.3790	8.4	262	0.007	.	3300	397	.	34	49250	-0.1	0.0	123	-0.001
932	CB614	34.2947	78.3267	7.9	900	0.016	.	83300	401	8650	62	150920	-0.1	0.0	229	-0.001
933	CB615	34.2744	78.3056	7.4	178	0.022	.	6700	59	2210	57	17270	-0.1	0.1	171	-0.001
934	CB616	34.2603	78.2795	8.0	1220	0.087	300	153300	361	.	126	250750	-0.1	0.0	887	-0.001
935	CB617	34.2739	78.2529	7.1	235	0.005	51	6600	56	1580	95	19520	-0.1	0.0	128	-0.001

WHITEVILLE 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
936	CB618	34.2954	78.2335	7.8	112	0.036	41	7400	51	.	56	17110	-0.1	0.3	137	-0.001
937	CB619	34.3216	78.2663	7.1	280	-0.002	51	5200	67	880	74	15460	-0.1	0.0	91	-0.001
938	CB620	34.3440	78.2349	7.4	850	0.026	997	143100	242	.	46	193320	-0.1	0.0	340	0.030
939	CB621	34.3683	78.2644	5.6	80	-0.002	101	14500	23	.	36	26120	-0.1	0.0	175	-0.001
940	CB622	34.3640	78.3081	7.3	420	0.004	.	4000	253	7420	71	55730	1.0	0.0	193	-0.001
941	CB623	34.3689	78.3835	7.4	402	0.022	32	6500	101	16950	51	18830	-0.1	0.0	97	-0.001
942	CB624	34.3123	78.2882	7.3	520	-0.002	.	29300	447	.	123	94720	-0.1	0.0	261	-0.001
943	CB625	34.3490	78.2767	7.3	382	0.016	43	4500	461	.	34	64630	-0.1	0.0	166	-0.001
944	CB626	34.3218	78.2024	6.5	98	0.004	79	7600	.	.	40	20300	-0.1	0.0	172	-0.001
945	CB627	34.3420	78.1881	6.8	78	0.014	.	7700	18	.	53	15580	-0.1	0.1	165	-0.001
3931	PE530	34.4790	78.1603	8.0	480	0.105	.	7600	427	13120	126	64080	-0.1	0.2	142	-0.001
3932	PE531	34.4638	78.1202	8.0	800	0.035	65	21500	500	.	97	118280	-0.1	0.0	332	-0.001
3933	PE532	34.4839	78.1004	7.9	420	0.013	.	4900	377	12810	117	38330	-0.1	0.0	162	-0.001
3940	PE539	34.4804	78.0539	7.7	381	0.025	57	4700	503	5910	88	55000	-0.1	0.0	139	-0.001
3941	PE540	34.4704	78.0805	8.8	574	0.023	.	7700	775	.	140	102440	-0.1	0.0	253	0.030
3942	PE541	34.4289	78.0927	8.9	1200	0.081	.	88700	1213	11550	255	343250	-0.1	0.0	717	-0.001
3943	PE542	34.4142	78.0654	5.9	50	0.023	75	29600	394	.	65	57740	-0.1	0.4	150	-0.001
3944	PE543	34.4535	78.0194	8.8	600	0.002	56	10800	70	2840	120	29360	-0.1	0.0	800	0.020
3951	PE550	34.4301	78.1626	5.4	50	0.014	19	5500	.	1770	54	13240	0.8	0.2	297	-0.001
3952	PE551	34.4180	78.1306	5.4	80	0.008	.	7900	17	.	81	16180	-0.1	0.1	387	-0.001
3953	PE552	34.4071	78.2039	5.9	150	0.019	21	7900	.	3350	115	14020	0.9	0.1	202	-0.001
3954	PE553	34.3964	78.1584	5.3	50	0.066	.	5500	33	2270	62	13290	1.3	1.3	511	-0.001
4444	RB631	34.4453	78.9725	5.6	52	0.097	64	5500	.	.	55	13780	1.5	1.8	285	-0.001
4445	RB632	34.4672	78.9699	6.5	103	0.011	.	3200	129	.	63	20320	-0.1	0.1	140	-0.001
4450	RB637	34.4951	78.9330	4.8	88	0.061	.	6300	19	.	61	14720	-0.1	0.6	910	-0.001

MYRTLE BEACH 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
677	BU501	33.9708	78.1214	7.8	480	0.040	.	13100	137	.	50	19400	-0.1	0.0	173	-0.001
687	BU511	33.9535	78.0648	5.3	110	0.027	174	12800	33	.	39	19760	-0.1	0.2	446	-0.001
688	BU512	33.9737	78.1496	5.5	105	0.009	79	18000	25	.	39	22310	-0.1	0.0	211	-0.001
689	BU513	33.9790	78.2039	7.1	380	0.019	107	11200	22	1970	71	20560	-0.1	0.0	82	-0.001
690	BU514	33.9578	78.2231	6.8	105	0.099	26	6900	55	1330	42	16120	-0.1	0.9	143	-0.001
691	BU515	33.9252	78.2088	7.8	200	-0.002	.	10400	47	1380	37	18700	-0.1	0.0	128	-0.001
692	BU516	33.9008	78.0686	7.8	340	0.005	57	34300	.	3890	60	29150	-0.1	0.0	103	-0.001
693	BU517	33.9103	78.1100	5.8	137	-0.002	82	21900	.	.	36	22830	-0.1	0.0	221	0.010
694	BU518	33.9306	78.0747	6.9	190	0.042	.	8500	.	.	36	16090	0.9	0.2	127	-0.001
699	BU523	33.9988	78.2318	7.8	262	0.254	158	7700	73	.	36	16560	1.8	0.9	147	-0.001
707	BU531	33.9740	78.2648	8.2	222	-0.002	.	10100	.	.	30	17790	-0.1	0.0	164	-0.001
708	BU532	33.9334	78.2588	7.9	370	-0.002	43	10900	59	2430	43	19750	-0.1	0.0	133	-0.001
709	BU533	33.9129	78.2601	7.7	453	-0.002	.	38100	100	.	36	30640	-0.1	0.0	115	-0.001
710	BU534	33.9306	78.3139	7.8	463	0.009	121	44000	78	7500	.	40000	0.7	0.0	90	0.010
711	BU535	33.9123	78.3498	7.0	239	0.025	.	13400	.	.	38	19590	-0.1	0.1	120	-0.001
712	BU536	33.9566	78.2880	7.4	393	-0.002	.	10200	37	.	47	17420	0.3	0.0	136	-0.001
713	BU537	33.9805	78.3152	7.3	403	-0.002	.	8600	66	.	52	17810	-0.1	0.0	114	-0.001
714	BU538	33.9500	78.3458	5.5	40	0.057	.	6500	.	.	26	15180	0.5	1.4	112	-0.001
715	BU539	33.9798	78.3683	7.2	275	0.030	.	9800	46	.	69	17890	0.4	0.1	63	-0.001
716	BU540	33.9385	78.4468	8.2	3370	0.250	3170	615600	.	.	355	707400	-0.1	0.0	2108	-0.001
717	BU541	33.9596	78.4047	8.3	192	0.018	.	7800	60	.	48	17640	-0.1	0.0	133	-0.001
718	BU542	33.9306	78.3761	7.8	325	0.010	.	12800	52	.	53	21310	-0.1	0.0	136	-0.001
719	BU543	33.9079	78.4102	6.0	118	0.004	94	16600	.	7390	34	22150	-0.1	0.0	238	-0.001
720	BU544	33.8998	78.4581	6.5	100	0.012	14	11400	.	.	29	18360	0.4	0.1	151	-0.001
721	BU545	33.8959	78.4851	5.6	135	0.018	78	12600	.	.	33	23140	-0.1	0.1	182	-0.001
722	BU546	33.9277	78.4992	6.8	383	0.036	.	12400	85	.	69	21350	-0.1	0.0	138	0.010
723	BU547	33.8896	78.5516	7.5	330	0.010	101	17800	.	1100	81	21470	-0.1	0.0	123	-0.001
724	BU548	33.9159	78.5814	7.6	417	0.011	62	14500	120	1970	79	30870	-0.1	0.0	125	-0.001
725	BU549	33.9391	78.5530	7.6	325	0.017	.	10000	43	2800	70	22190	-0.1	0.0	154	-0.001
726	BU550	33.9583	78.4607	6.7	173	0.019	.	7800	2056	3130	105	22110	-0.1	0.1	120	-0.001
727	BU551	33.9897	78.4366	7.3	380	0.022	19	6600	68	1740	66	15330	0.6	0.0	145	-0.001
728	BU552	33.9966	78.4072	5.2	120	0.021	.	14200	.	.	41	23750	-0.1	0.1	233	-0.001
730	BU554	33.9852	78.0327	7.5	295	0.004	.	14300	24	.	62	22190	-0.1	0.0	175	-0.001
744	BU568	33.9743	78.5226	5.5	95	0.033	.	20000	.	.	32	21060	-0.1	0.3	164	-0.001

MYRTLE BEACH 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
747	BU571	33.9398	78.0254	5.8	90	0.071	.	13700	20	.	42	19230	0.5	0.7	302	-0.001
748	BU572	33.9373	78.6101	5.2	113	0.114	18	17400	.	.	36	21340	-0.1	1.0	226	-0.001
749	BU573	33.9930	78.5564	5.9	115	0.030	.	16500	.	.	36	18710	-0.1	0.2	154	-0.001
750	BU574	33.9762	78.5877	7.3	320	0.061	47	8900	71	1840	49	17890	-0.1	0.1	159	-0.001
751	BU575	33.9563	78.5807	7.6	313	-0.002	.	13600	73	3470	74	27350	-0.1	0.0	138	-0.001
780	BU604	33.9932	78.0122	7.5	360	-0.002	25	11300	253	1480	97	19390	-0.1	0.0	195	0.030
914	CB596	33.9829	78.6663	8.0	2490	0.402	1099	492800	.	40200	483	1079000	-0.1	0.1	2608	-0.001