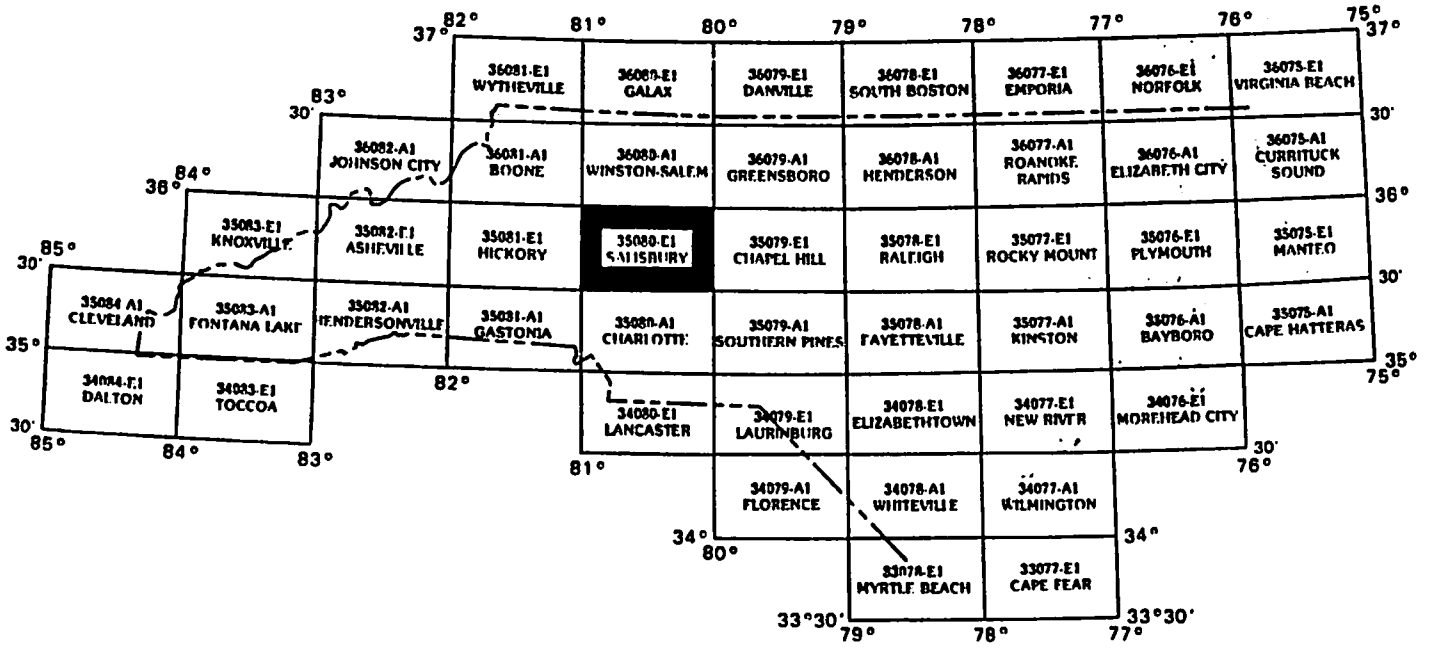
Listing of Concentrations of Variables of Stream Sediment, Stream Water, and Groundwater for the Salisbury 30 x 60 - Minute Quadrangle -NURE Database

by
Robert H. Carpenter and Jeffrey C. Reid



NORTH CAROLINA GEOLOGICAL SURVEY
OPEN-FILE REPORT 93-13

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 Salisbury 30 x 60 - minute quadrangle (Figure 1). Maps and tables were prepared from statewide data obtained by the Savannah River Laboratory under sponsorship of the U.S. Dept. of Energy in its National Uranium Resources Evaluation (NURE) program (Sargent and others, 1982). Sampling and analysis were performed during the period 1976 - 1980.

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

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

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

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

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

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

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

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

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

REFERENCES

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

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

Reid, Jeffrey C., and Carpenter, Robert H.,1993a, Listings of concentrations (stream sediments) of variables which equal or exceed the 90th percentile, and pH and conductivity below the 10th percentile in the North Carolina portion of the NURE database: North Carolina Geological Survey, Open-File Report 93-1, introductory text plus 178 pages of data.

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

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

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COUNTY CODES

Code	County
CT	Catawba
DE	Davie
DV	Davidson
IR	Iredell
LI	Lincoln
RA	Randolph
RW	Rowan

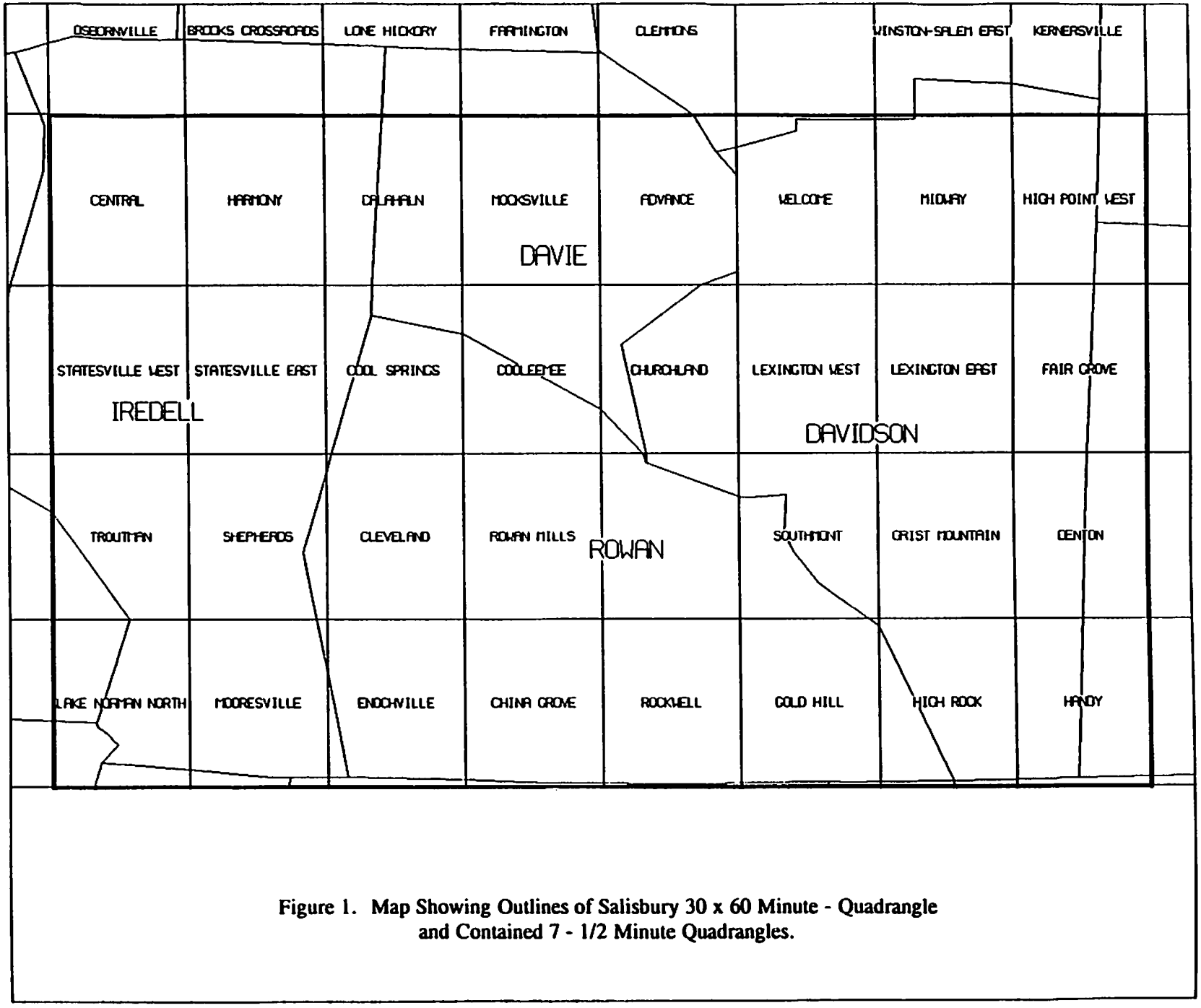

Figure 1. Map Showing Outlines of Salisbury 30 x 60 Minute - Quadrangle and Contained 7 - 1/2 Minute Quadrangles.

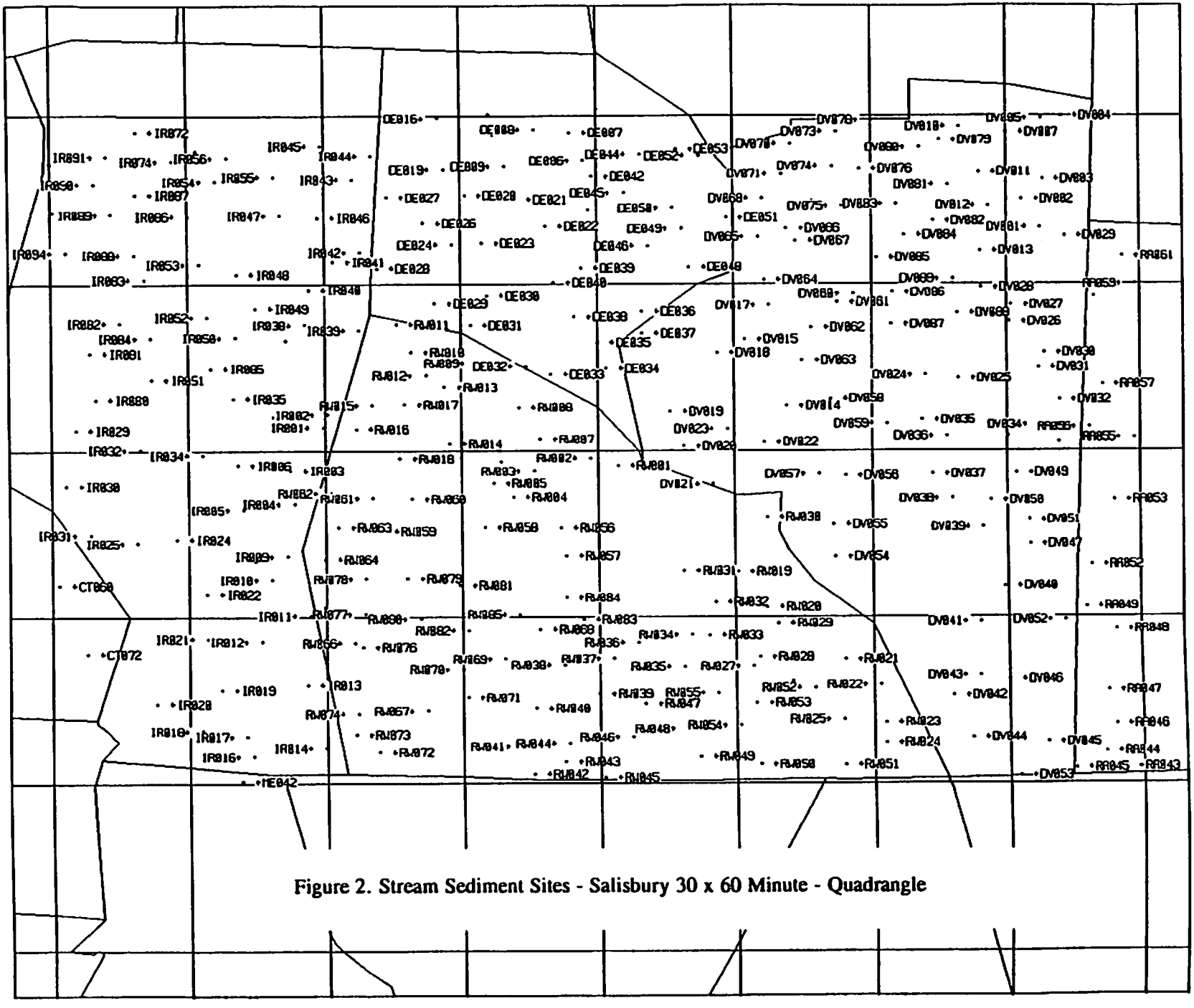

Figure 2. Stream Sediment Sites - Salisbury 30 x 60 Minute - Quadrangle

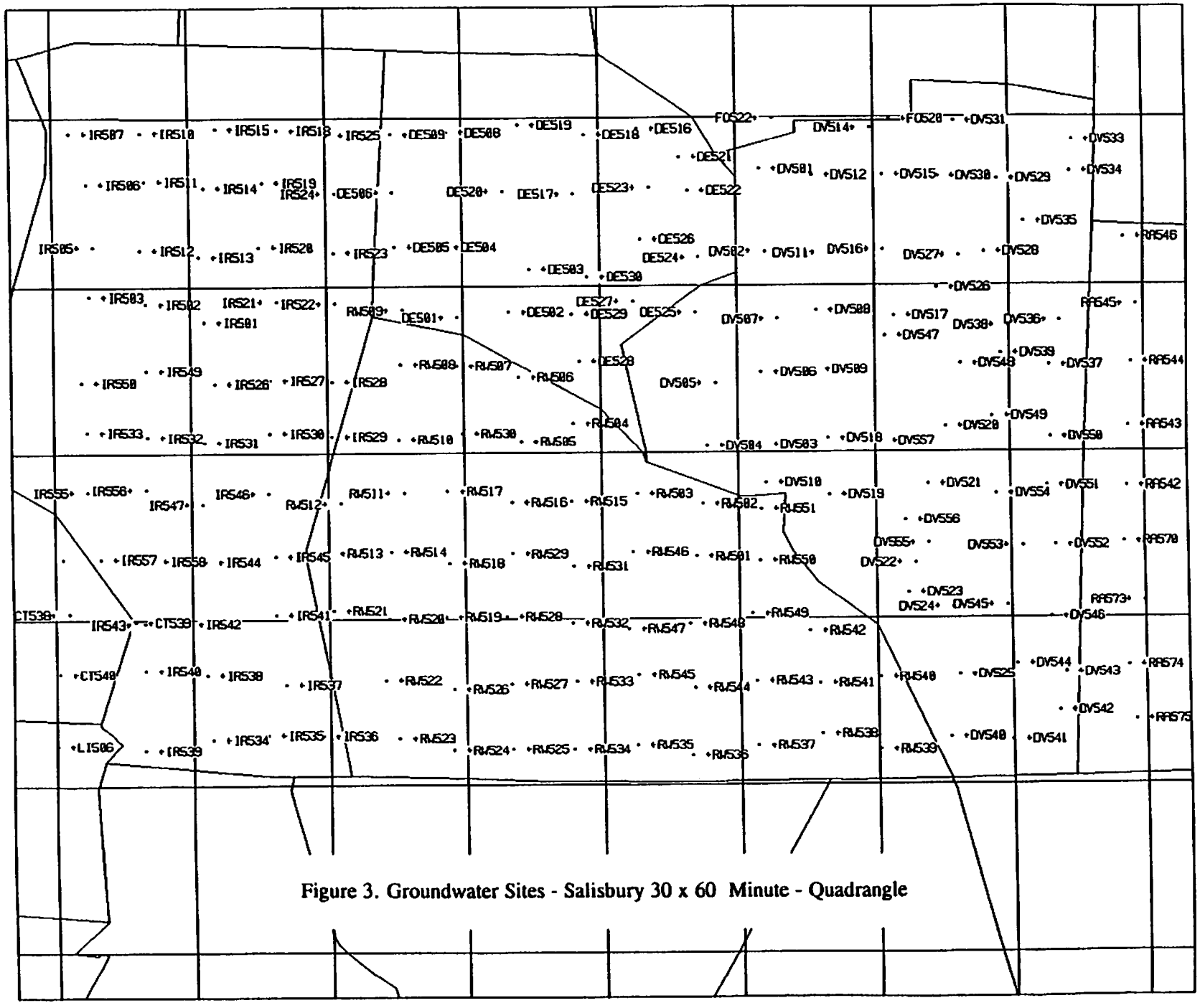

Figure 3. Groundwater Sites - Salisbury 30 x 60 Minute - Quadrangle

SALISBURY 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
1475	CT060	35.6492	80.9934	7.0	40	26.1	15	189	M	71	7900	M	M	0.8	M	M	18.1	-1.0	55	7	M	M	
1486	CT072	35.5976	80.9681	6.9	59	10.0	18	35	37900	56	20600	200	5600	6.7	3400	40	M	2.0	M	4	M	-0.2	
1678	DE006	35.9666	80.5116	7.7	151	1.8	10	8	30600	170	358100	6160	9500	19.3	M	1570	2.8	-1.0	M	M	M	M	
1679	DE007	35.9876	80.5241	7.7	118	0.9	6	16	36400	-20	190600	4720	7000	19.6	M	920	4.1	-1.0	M	M	M	M	
1680	DE008	35.9901	80.5562	7.8	153	2.2	13	24	49900	94	100700	2210	15200	14.3	33200	350	4.6	2.7	M	M	M	M	
1681	DE009	35.9624	80.5840	7.8	90	1.7	-3	50	41700	-20	33000	810	10500	10.5	5500	150	M	1.2	M	M	M	M	
1682	DE010	35.9860	80.5949	7.7	93	2.0	-6	14	54800	49	40500	920	15600	15.9	2500	140	5.1	2.0	M	M	M	M	
1688	DE016	35.9982	80.6449	7.7	45	9.3	13	18	19800	45	6300	M	8300	2.5	3100	10	1.8	-1.0	11	M	2.0	0.2	
1690	DE018	35.9627	80.6601	7.7	60	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	
1691	DE019	35.9601	80.6399	7.7	54	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	
1692	DE020	35.9407	80.6209	7.6	71	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	
1693	DE021	35.9378	80.5745	7.7	160	1.9	6	15	34000	30	33700	590	9000	23.1	4200	130	1.3	1.3	25	12	2.9	M	0.229
1694	DE022	35.9180	80.5464	7.7	128	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	
1695	DE023	35.9053	80.6052	7.8	82	1.2	12	21	16800	76	35900	220	M	4.7	2100	50	0.5	4.2	31	13	M	M	
1696	DE024	35.9043	80.6328	9.0	165	1.2	-1	9	35700	46	35500	220	M	8.8	1700	50	1.1	0.6	M	M	4.9	M	
1697	DE025	35.9008	80.6508	7.7	50	7.5	55	27	19600	234	28400	180	6000	3.8	1300	10	1.8	3.3	87	52	5.3	1.1	
1698	DE026	35.9200	80.6586	7.9	70	1.9	4	11	14200	23	6700	130	M	2.7	M	10	M	0.6	6	M	M	M	
1699	DE027	35.9392	80.6916	7.5	39	22.6	165	71	19500	624	24900	170	4000	5.6	3300	10	7.8	3.2	274	145	9.6	1.7	
1700	DE028	35.8869	80.7011	7.6	40	12.8	104	50	19700	479	15100	100	6100	3.5	3000	20	4.4	2.2	163	91	4.7	-0.2	
1701	DE029	35.8607	80.6488	7.6	70	2.5	8	18	16900	41	9600	180	6600	5.7	900	30	1.0	0.6	18	11	2.7	0.5	
1702	DE030	35.8664	80.6007	7.6	185	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	
1703	DE031	35.8447	80.6162	7.4	40	4.5	24	18	31700	118	24300	150	3000	6.7	1400	20	0.7	1.6	55	31	3.3	0.6	
1704	DE032	35.8142	80.5647	7.5	103	3.8	5	41	18900	24	76800	580	M	9.5	8300	90	M	-1.0	26	M	M	0.4	0.030
1705	DE033	35.8081	80.5423	7.6	130	1.5	10	8	38900	88	63000	580	M	10.6	5500	80	2.5	5.4	37	17	M	-0.5	
1706	DE034	35.8125	80.4919	7.6	70	7.9	8	47	36300	36	7400	230	M	4.1	2400	M	M	-1.0	11	M	M	-0.2	
1707	DE035	35.8317	80.4999	7.7	83	3.8	12	26	35900	68	51600	400	5400	7.8	4200	50	1.2	-1.0	47	27	4.3	-0.4	
1708	DE036	35.8547	80.4589	7.5	65	7.8	18	42	39900	50	14000	140	M	8.9	M	10	1.1	1.7	17	6	8.1	-0.2	
1709	DE037	35.8386	80.4593	7.3	55	10.6	14	59	63000	92	31900	180	10500	5.4	3500	40	M	2.2	M	M	M	M	
1710	DE038	35.8507	80.5209	7.5	85	4.7	5	36	42100	-20	30000	1040	12700	6.3	14300	110	0.9	0.7	M	M	M	M	
1711	DE039	35.8869	80.5143	7.4	159	3.2	-6	44	40400	115	85600	2410	11800	11.8	41900	300	1.5	3.3	M	M	M	M	
1712	DE040	35.8762	80.5396	7.8	85	1.9	-2	12	30500	-20	219800	7280	6000	14.9	M	960	5.2	1.4	M	M	M	M	
1713	DE041	35.9301	80.5075	7.6	110	4.3	14	6	66800	96	57400	1080	8100	7.0	1600	90	1.7	2.5	M	M	M	M	
1714	DE042	35.9550	80.5042	7.8	171	1.9	10	5	47000	38	78000	2160	14500	9.6	44600	320	1.1	-1.0	M	M	M	M	
1716	DE044	35.9714	80.4603	7.9	125	2.0	5	12	59100	-20	72700	1710	17800	9.4	24200	270	1.0	1.0	M	M	M	M	
1717	DE045	35.9425	80.4748	8.1	216	2.8	24	16	64800	63	94700	1940	20700	8.8	18100	260	4.4	-1.0	M	M	M	M	
1718	DE046	35.9031	80.4530	8.1	100	2.2	-3	24	48400	-20	33400	950	16000	8.1	9300	110	1.4	0.8	M	M	M	M	
1719	DE047	35.9046	80.4781	7.8	119	3.6	-3	32	56000	-24	72500	1950	15700	12.4	14300	210	3.0	0.9	M	M	M	M	
1720	DE048	35.8877	80.4160	8.0	66	10.8	-2	50	53500	-20	17300	630	11200	6.3	6700	70	M	0.8	M	M	M	M	

SALISBURY 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
1721	DE049	35.9158	80.4227	7.9	70	9.5	8	40	58500	-24	24900	570	11100	7.0	4800	70	M	1.5	M	M	M	M	
1722	DE050	35.9312	80.4309	7.8	100	3.6	5	19	48200	-20	32400	1420	12200	9.0	7700	120	4.0	1.0	M	M	M	M	
1723	DE051	35.9240	80.3816	7.6	65	8.5	16	27	66600	86	21700	370	11900	2.7	3900	60	3.8	1.4	M	M	M	M	
1724	DE052	35.9701	80.4067	7.8	101	5.3	-2	33	55300	-20	47000	1540	13300	9.9	7500	170	3.4	0.7	M	M	M	M	
1725	DE053	35.9749	80.4274	7.8	120	4.4	17	83	41900	78	103000	2630	8500	7.6	52300	360	3.1	2.5	M	M	M	M	
1953	DV001	35.9168	80.0943	7.5	180	1.0	7	26	28800	24	37500	390	1100	6.1	4600	40	0.6	-1.0	4	M	M	M	
1954	DV002	35.9377	80.1113	7.2	180	1.0	-2	42	52600	-20	20000	430	10300	5.4	5400	60	M	-1.0	M	M	M	-0.3	
1955	DV003	35.9528	80.0918	7.7	140	0.9	-1	26	42100	-20	48300	50	4100	10.9	1700	50	M	-1.0	M	M	M	M	
1956	DV004	35.9999	80.0738	M	M	1.2	2	15	56400	21	42200	470	7700	5.3	4500	50	M	-1.0	11	5	5.1	0.4	
1957	DV005	35.9976	80.0933	7.6	120	4.1	8	27	31900	-20	29900	330	1700	4.8	1700	40	0.8	3.1	12	M	M	0.3	
1959	DV007	35.9874	80.1251	M	M	1.4	5	18	49700	-20	23200	880	22400	6.0	M	40	M	0.8	M	M	M	M	
1962	DV010	35.9919	80.1686	7.5	70	4.8	8	32	45500	57	19800	970	13800	4.4	7200	70	M	2.7	10	M	M	0.4	
1963	DV011	35.9578	80.1505	7.6	143	1.4	-2	8	36200	-20	35300	700	11000	8.3	7300	80	M	-1.0	M	M	M	-0.2	
1964	DV012	35.9330	80.1416	M	M	0.8	-4	12	18400	-20	29300	210	3900	5.5	7900	30	12.2	1.2	55	9	M	-0.3	
1965	DV013	35.8994	80.1495	7.6	220	0.7	-1	9	31300	-20	23400	80	2600	7.7	M	20	M	0.8	14	M	2.6	-0.2	
1966	DV014	35.7843	80.3270	7.5	60	6.5	9	24	46900	-20	17100	880	20900	2.1	1300	60	M	0.7	14	M	M	-0.2	
1967	DV015	35.8340	80.3650	7.6	60	10.5	12	65	41800	31	18500	380	11300	4.8	3100	30	M	-1.0	23	15	3.0	-0.2	
1968	DV016	35.8617	80.3740	7.4	65	8.2	14	35	32700	35	14600	140	7200	3.5	M	M	M	1.2	22	13	5.1	-0.3	
1969	DV017	35.8592	80.3428	7.6	60	9.6	11	38	37500	M	11500	450	8400	4.1	2600	50	M	1.4	22	7	M	0.1	
1970	DV018	35.8243	80.3906	7.2	55	7.9	14	38	43600	47	13900	1120	16300	3.9	4300	110	M	2.0	21	M	M	-0.2	
1971	DV019	35.7803	80.4339	7.3	50	8.9	15	45	54200	43	21200	600	24700	4.1	1700	70	0.8	1.8	M	4	M	-0.2	
1972	DV020	35.7539	80.4216	7.8	85	7.9	13	44	41400	27	6900	550	21500	5.2	M	40	0.6	-1.0	M	M	5.9	0.4	
1973	DV021	35.7251	80.3948	7.4	70	4.9	10	11	30100	17	12100	640	4700	5.0	4000	10	M	0.7	M	8	M	-0.2	
1974	DV022	35.7570	80.3477	7.4	80	13.2	18	90	24800	76	26300	250	6400	3.6	3900	30	M	-1.0	M	21	6.8	1.4	
1975	DV023	35.7671	80.3816	7.3	48	9.2	11	47	31900	22	20400	140	1900	10.6	1000	M	M	2.6	M	4	M	-0.2	
1976	DV024	35.8072	80.2004	7.6	85	2.3	8	50	63800	36	31200	200	12600	5.9	3400	30	1.2	-1.0	16	17	4.3	1.1	
1977	DV025	35.8047	80.1701	M	M	1.0	3	8	52300	22	40100	180	8700	11.2	1500	20	1.3	-1.0	M	M	3.2	-0.2	
1978	DV026	35.8469	80.1231	7.6	120	1.3	3	27	41500	25	27200	250	9400	6.9	3300	20	0.8	-1.0	M	6	M	0.5	
1979	DV027	35.8592	80.1211	7.6	375	0.7	-2	12	53700	22	19900	80	7000	7.0	3200	20	M	-1.2	M	M	3.7	0.3	
1980	DV028	35.8725	80.1486	M	M	0.6	-1	15	21200	-20	12000	70	8000	4.5	M	20	M	-1.0	M	12	M	-0.2	
1981	DV029	35.9105	80.0705	7.3	160	2.1	5	17	39500	29	32800	1180	9100	7.2	8800	40	1.1	1.1	M	M	2.4	-0.2	
1982	DV030	35.8241	80.0905	8.4	125	1.2	3	7	78300	-20	68900	1720	6000	29.5	6500	280	M	3.3	14	3	M	M	
1983	DV031	35.8130	80.0957	6.6	100	1.6	7	6	64200	57	60400	1180	3600	30.4	5000	200	5.1	1.0	19	3	4.9	0.4	
1984	DV032	35.7887	80.0763	7.7	120	1.5	3	2	78600	63	62900	2180	3900	37.3	10700	320	11.5	2.3	14	3	3.3	0.3	
1985	DV033	35.7570	80.0770	M	M	1.5	5	M	84400	46	60600	2190	4500	33.0	10500	330	6.3	1.1	12	3	M	0.4	
1986	DV034	35.7699	80.0942	M	M	1.2	-3	M	92100	-20	175800	1960	5100	104.3	8800	450	M	-1.7	38	M	M	-0.2	
1987	DV035	35.7737	80.2038	7.7	315	1.0	6	10	71700	62	58000	1190	13100	28.7	5100	250	M	2.0	16	2	3.1	-0.2	
1988	DV036	35.7614	80.1811	M	M	1.8	3	3	60400	45	46100	2540	5900	20.7	6500	210	M	-1.0	16	2	M	0.4	

SALISBURY 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
1989	DV037	35.7327	80.1946	7.6	130	1.4	5	M	70000	71	68700	2250	7900	28.9	10600	310	7.5	1.2	18	5	3.3	0.5	
1990	DV038	35.7141	80.1766	M	M	2.3	11	6	64700	90	61600	5120	3700	31.2	18200	230	M	2.3	24	4	5.0	0.5	
1991	DV039	35.6922	80.1478	7.6	150	1.6	3	5	60000	24	38700	960	13000	26.3	5100	190	M	-1.0	12	2	M	0.4	10.776
1992	DV040	35.6481	80.1278	M	M	1.8	4	M	46400	40	49200	1880	4900	18.4	9400	240	M	-1.0	11	2	2.7	0.3	
1993	DV041	35.6212	80.1511	7.6	320	2.1	17	17	43700	120	116600	1830	3400	42.8	9500	200	M	2.4	50	11	M	1.0	
1994	DV042	35.5658	80.1769	7.6	250	1.7	7	2	39000	52	43000	1510	4400	19.3	M	180	M	-1.0	17	2	4.6	0.5	
1995	DV043	35.5808	80.1518	7.4	120	1.8	6	4	64200	44	53200	1720	4000	20.3	11900	290	M	1.3	14	2	M	0.2	
1996	DV044	35.5345	80.1594	M	M	2.2	9	3	55700	52	48800	2180	2600	15.7	5500	160	M	-1.0	18	3	3.5	0.3	
1997	DV045	35.5310	80.0900	M	M	1.8	4	6	71300	47	47500	1320	5300	28.9	5600	340	M	1.3	17	3	4.2	0.2	
1998	DV046	35.5779	80.1251	9.4	90	1.6	11	5	39400	72	68500	660	3300	23.3	6400	210	4.6	-1.0	26	4	5.2	0.5	
1999	DV047	35.6794	80.1047	7.7	105	1.6	10	9	47900	47	47900	1980	4100	21.4	10900	170	M	-1.0	17	1	3.3	0.5	
2000	DV048	35.7611	80.1246	M	M	2.0	6	5	54500	48	40500	1790	5000	17.6	5600	160	M	-1.0	15	2	3.2	0.4	
2001	DV049	35.7335	80.1170	7.7	70	2.1	6	5	46400	37	43900	1040	7800	16.1	7100	180	M	-1.0	13	2	1.8	0.5	
2002	DV050	35.7128	80.1405	M	M	1.9	7	11	62600	56	49200	2520	5400	27.0	5600	200	M	3.7	17	3	5.3	0.6	
2003	DV051	35.6978	80.1055	7.4	75	1.7	9	7	41400	55	44200	1040	9400	14.3	7200	100	44.3	1.5	22	4	M	0.4	
2004	DV052	35.6224	80.0723	7.4	160	1.5	7	M	67400	52	53200	1450	4000	23.9	6700	240	M	-1.0	13	3	M	0.4	
2005	DV053	35.5057	80.1163	M	M	2.2	6	5	54700	52	58200	3740	4200	15.8	5400	170	10.1	3.7	21	2	M	0.3	
2006	DV054	35.6701	80.2839	7.5	185	1.9	10	68	37500	60	58400	2560	11100	17.4	32300	170	M	4.3	41	3	M	0.7	
2007	DV055	35.6945	80.2854	7.8	110	1.6	3	25	40300	35	31400	2700	59700	16.3	13000	100	M	1.4	13	3	M	0.3	
2008	DV056	35.7316	80.2745	8.7	120	1.0	M	9	31900	33	50900	2720	10600	13.2	46500	210	M	1.8	9	2	M	0.2	
2009	DV057	35.7326	80.2980	7.7	210	3.8	8	59	38300	-20	151900	4870	6400	30.5	89700	370	M	3.3	23	4	4.8	0.7	
2010	DV058	35.7896	80.2874	8.0	230	1.7	-1	14	45600	51	35300	1310	11700	14.3	11000	110	M	3.8	16	3	M	0.3	
2011	DV059	35.7708	80.2357	7.5	500	1.6	5	35	55300	87	59300	1000	12600	35.9	6600	110	M	7.9	27	4	M	1.2	
2012	DV060	35.8675	80.2664	7.8	60	3.1	7	22	44100	33	17900	450	6800	7.5	3300	40	M	2.3	18	1	M	0.3	
2013	DV061	35.8613	80.2812	7.6	50	16.1	14	142	53700	53	13200	230	4800	7.9	3700	50	2.4	3.3	30	3	2.8	0.6	
2014	DV062	35.8429	80.3047	7.5	50	5.8	11	25	52500	39	14600	130	5400	6.8	3100	30	M	2.2	19	1	M	0.2	
2015	DV063	35.8185	80.3130	7.5	45	7.6	8	20	60600	17	7300	290	6200	4.3	3500	40	M	1.2	12	1	M	M	0.029
2016	DV064	35.8783	80.3472	7.4	50	13.3	25	96	77700	92	11100	180	8900	10.3	7300	60	M	4.0	42	4	M	0.6	
2017	DV065	35.9098	80.3525	7.4	48	11.7	13	92	64300	36	12500	400	6900	10.4	5600	70	M	2.3	26	3	M	0.4	
2018	DV066	35.9160	80.3268	7.6	52	32.5	64	282	61500	204	18800	880	7200	20.8	M	110	M	5.0	88	9	2.8	1.3	
2019	DV067	35.9068	80.3182	7.6	50	10.0	15	71	80800	51	13900	420	10300	10.5	5600	60	M	2.1	17	2	M	0.3	
2020	DV068	35.9384	80.3482	7.8	55	12.2	16	85	67000	47	13700	400	10200	13.6	6700	80	M	3.4	22	3	M	0.4	
2021	DV069	35.9569	80.3550	7.6	65	4.9	20	79	50100	43	20900	90	2300	6.5	2500	30	M	2.4	18	2	4.5	0.3	
2022	DV070	35.9788	80.3223	7.7	60	8.5	19	31	70800	54	18100	400	11700	9.3	6700	60	M	3.5	32	5	2.8	M	
2023	DV071	35.9565	80.3310	7.7	45	36.9	681	M	66800	2718	23000	1200	12100	3.6	15100	50	56.5	28.0	1444	335	M	-0.6	
2024	DV072	35.9364	80.3034	7.4	60	11.0	23	51	56300	78	13300	400	7300	13.6	6000	70	M	4.6	38	3	M	0.4	
2025	DV073	35.9881	80.2810	7.5	65	24.4	30	240	73900	52	12300	360	8900	14.0	8300	80	86.6	2.4	26	4	M	0.7	
2026	DV074	35.9622	80.2852	7.5	80	13.6	19	81	75300	58	18400	600	10300	14.8	8300	90	M	4.1	32	4	1.7	0.4	

SALISBURY 100K QUADRANGLE - STREAM SEDIMENT

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2027	DV075	35.9326	80.2762	7.5	60	8.6	19	43	83900	63	14800	730	8300	9.4	7400	70	3.5	3.0	31	3	M	0.2	
2028	DV076	35.9602	80.2606	7.6	70	5.7	18	31	39400	77	20500	40	12800	3.2	2000	40	M	1.8	46	23	M	0.6	
2030	DV078	35.9965	80.2487	7.6	75	13.8	33	75	73800	78	28500	M	10900	5.8	5100	50	1.1	2.6	52	29	9.0	0.7	0.259
2031	DV079	35.9816	80.1871	7.6	68	5.9	9	36	72800	-20	27300	170	13700	5.8	M	40	M	2.7	M	9	4.7	0.3	
2032	DV080	35.9759	80.2057	7.6	70	18.9	20	128	66500	100	19900	M	M	6.6	4200	80	1.6	-1.0	68	25	M	0.9	
2033	DV081	35.9483	80.1796	7.6	170	2.5	9	9	47700	-23	53800	870	11500	8.5	2000	100	2.0	2.5	M	M	M	-0.4	
2034	DV082	35.9214	80.1934	8.0	110	1.9	9	8	51600	35	43000	630	6500	10.4	2300	90	M	-1.0	49	20	6.1	M	
2035	DV083	35.9340	80.2266	7.8	60	4.5	10	16	66200	-20	16900	190	8300	3.5	M	20	M	-1.0	18	5	M	M	
2036	DV084	35.9111	80.2197	7.4	68	5.5	20	44	38700	33	30700	630	7400	3.1	7800	30	1.4	2.2	43	24	14.1	-0.5	
2037	DV085	35.8945	80.2451	7.5	70	6.2	-1	29	83800	-20	10500	520	M	3.8	2500	M	M	0.9	8	4	3.8	M	
2038	DV086	35.8685	80.2309	7.6	90	2.3	8	12	53000	55	46500	790	M	6.6	3900	100	4.9	3.2	38	19	8.6	0.6	
2039	DV087	35.8450	80.2319	7.7	170	3.6	5	57	61900	47	74700	1770	3600	19.7	13000	190	4.6	5.1	29	8	6.5	1.0	
2040	DV088	35.8535	80.1709	M	M	1.1	9	14	76400	77	71600	740	M	15.3	7200	200	1.4	-1.0	47	19	5.5	1.4	
2041	DV089	35.8786	80.1751	7.6	435	0.9	4	19	63600	-20	29600	460	M	8.8	M	90	2.3	-1.0	5	M	M	0.3	
3092	IR001	35.7685	80.7514	7.4	123	5.9	35	91	40500	197	25000	560	7100	12.7	9700	90	5.3	4.0	87	22	2.7	0.8	
3093	IR002	35.7779	80.7472	7.6	157	1.1	-3	9	39600	58	38400	750	10500	16.2	5200	110	2.2	7.0	13	3	M	-0.2	
3094	IR003	35.7357	80.7818	7.5	88	2.0	-2	26	34000	-20	31300	710	5700	10.3	6300	120	2.7	-1.6	15	5	M	0.4	
3095	IR004	35.7104	80.7784	7.5	65	6.3	19	102	42400	99	32500	300	6500	13.3	3400	70	1.8	10.9	41	11	3.4	1.0	
3096	IR005	35.7060	80.8255	7.6	71	3.4	9	38	33000	38	16600	290	6100	4.3	2000	50	1.2	-1.0	20	4	2.0	-0.2	
3097	IR006	35.7394	80.8301	7.5	88	3.4	14	20	41000	84	18700	560	5900	9.1	6100	60	2.5	-1.0	41	8	M	0.4	
3098	IR007	35.6670	80.8147	7.4	63	3.5	11	41	33700	43	30000	310	3100	11.4	4000	60	M	-1.0	17	4	1.6	-0.2	
3099	IR008	35.6534	80.8239	7.4	66	8.4	25	183	23000	108	76300	650	2600	11.3	11200	200	3.8	2.8	47	4	5.0	1.3	
3100	IR009	35.6707	80.7852	7.4	64	5.7	15	88	38700	39	24500	290	4200	5.3	4200	60	2.2	-1.0	24	5	2.8	0.4	
3101	IR010	35.6532	80.7996	7.4	71	9.0	16	168	41300	62	19700	260	4400	6.6	4500	50	M	-1.0	40	5	3.8	0.4	
3102	IR011	35.6262	80.7646	7.5	77	10.2	22	173	43400	81	20000	330	7000	10.8	7700	80	3.0	1.1	49	13	4.8	0.8	
3103	IR012	35.6066	80.8088	7.6	65	11.3	25	233	47900	133	19500	250	7900	12.5	9400	80	2.7	4.4	75	11	M	0.9	
3104	IR013	35.5742	80.7676	7.5	83	14.1	29	201	53700	64	17100	M	3900	8.5	2900	70	M	1.3	32	9	3.2	0.3	
3105	IR014	35.5268	80.7511	7.6	96	3.9	8	42	60600	97	49300	710	9800	12.1	6000	110	M	-1.0	36	8	M	0.4	
3106	IR015	35.5265	80.7791	7.4	89	5.2	-2	77	47400	-20	53200	1410	8800	16.1	15600	170	2.9	2.9	19	5	2.5	0.5	
3107	IR016	35.5204	80.8170	7.5	105	10.3	23	228	44400	56	52000	850	7900	16.6	9200	180	2.8	5.9	38	8	4.8	0.7	
3108	IR017	35.5353	80.8230	7.6	94	8.2	18	135	49300	54	20300	380	7500	12.9	5500	80	2.2	1.5	38	6	2.6	0.5	
3109	IR018	35.5395	80.8635	7.6	94	2.8	-3	25	49700	-20	37400	530	8000	12.3	3300	100	1.2	-1.0	12	5	1.5	-0.2	
3110	IR019	35.5703	80.8461	7.7	99	7.2	19	92	63100	112	23000	220	5100	6.3	4600	70	M	4.4	53	10	4.6	0.4	
3111	IR020	35.5598	80.9046	9.1	62	2.4	5	34	40500	52	23300	390	7700	17.6	2900	80	3.0	-1.0	16	5	6.2	0.6	
3112	IR021	35.6088	80.8582	7.6	64	2.8	3	23	21500	M	8700	200	3300	5.0	3000	40	1.6	2.2	14	3	M	M	
3113	IR022	35.6422	80.8589	7.7	72	3.6	10	74	31000	31	34200	550	4900	7.6	4700	80	3.0	2.4	15	5	3.2	1.0	
3114	IR023	35.7050	80.8607	7.8	72	3.4	13	25	32400	31	24000	390	5700	14.4	4300	70	2.0	2.8	21	7	7.1	-0.2	
3115	IR024	35.6833	80.8861	7.5	63	13.7	127	43	42500	450	48000	570	6600	22.1	5400	110	32.5	4.0	247	52	20.2	2.2	

SALISBURY 100K QUADRANGLE - STREAM SEDIMENT

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3116	IR025	35.6804	80.9215	7.3	81	17.8	122	59	38900	613	39500	880	6000	12.8	8800	110	14.0	4.4	257	58	10.8	1.4	
3117	IR026	35.6811	80.9460	7.6	57	8.2	30	43	75200	207	45900	440	6600	12.4	3900	70	M	5.0	131	18	3.0	0.7	
3120	IR029	35.7665	80.9778	6.8	48	27.9	203	245	32000	1299	60700	960	2100	16.7	43600	130	21.0	21.3	635	148	9.4	1.5	
3121	IR030	35.7242	80.9867	7.1	54	14.7	126	80	41300	423	36100	900	2100	8.5	20800	80	10.3	3.5	261	37	8.8	1.4	
3122	IR031	35.6869	80.9648	7.3	47	6.9	14	75	42600	67	13800	190	3700	10.5	2900	50	M	-1.0	24	5	2.7	1.0	
3123	IR032	35.7514	80.9190	7.3	62	31.3	231	362	39800	1287	45300	1090	4000	17.4	20200	100	17.5	3.3	598	108	15.2	2.3	
3124	IR033	35.7457	80.8955	7.3	52	8.2	35	91	40200	175	25200	500	6100	13.6	8000	70	6.6	2.0	80	14	4.1	-0.2	
3125	IR034	35.7473	80.8621	7.4	88	14.1	87	179	35700	460	47700	1240	4200	17.0	24300	100	8.8	6.1	249	48	10.7	1.7	
3126	IR035	35.7901	80.8342	7.8	137	2.7	12	15	68900	67	46500	470	4900	12.6	5300	80	3.6	2.9	38	8	2.1	M	
3127	IR036	35.7765	80.7969	7.9	112	2.8	8	26	45200	106	15600	470	5800	14.9	7200	80	2.7	5.7	48	8	4.3	-0.2	0.048
3128	IR037	35.8333	80.7861	7.1	69	13.5	80	224	33500	458	46500	1070	3000	13.6	19500	130	9.8	3.9	238	61	8.3	1.2	
3129	IR038	35.8449	80.7681	8.0	74	11.4	74	222	33100	328	54900	1070	6200	16.3	27900	100	8.7	2.4	245	45	8.0	1.4	
3130	IR039	35.8410	80.7182	7.1	84	1.7	M	11	31800	M	M	300	9300	11.5	2700	50	M	M	M	M	M	M	
3131	IR040	35.8709	80.7646	7.2	77	3.7	M	59	38000	M	M	560	6000	26.9	6000	90	3.3	M	M	32	M	M	
3132	IR041	35.8915	80.7420	7.4	85	8.1	M	170	43900	M	M	800	5200	31.7	3800	120	3.1	M	M	M	M	M	
3133	IR042	35.8986	80.7168	7.1	63	14.8	105	161	15200	582	17400	480	14700	3.3	8200	50	10.8	3.9	205	121	10.5	1.4	0.331
3134	IR043	35.9527	80.7235	7.7	48	12.4	81	40	35000	349	18400	330	11300	3.7	3500	20	7.5	-1.0	125	54	3.8	-0.2	
3135	IR044	35.9702	80.7061	7.2	65	4.3	8	18	30500	49	16900	290	3400	4.1	M	30	2.5	-1.0	M	10	M	0.5	
3136	IR045	35.9776	80.7525	7.3	29	5.8	44	17	32700	207	10500	90	9800	3.0	2800	20	5.0	-1.3	78	33	M	0.7	
3137	IR046	35.9242	80.7559	7.2	69	5.4	31	37	49700	195	26300	470	7300	6.8	5700	90	5.8	6.9	81	41	M	-0.5	0.390
3138	IR047	35.9259	80.7903	7.1	88	4.7	22	40	36600	116	28700	560	14800	6.6	5200	70	5.3	4.4	46	27	3.2	0.5	
3139	IR048	35.8827	80.8303	7.4	80	4.2	11	92	53200	67	66200	880	25400	9.9	23900	90	4.0	1.5	27	29	M	1.2	
3140	IR049	35.8571	80.8131	7.3	72	4.2	10	86	44500	101	32700	580	M	7.5	9600	80	1.8	1.9	36	14	M	0.6	
3141	IR050	35.8356	80.8319	7.2	59	3.7	14	48	23600	194	31800	330	5300	5.0	4800	90	3.0	4.0	41	32	M	0.6	
3142	IR051	35.8041	80.9083	7.5	108	1.6	20	17	65000	139	48600	400	26000	9.3	3600	70	4.7	2.1	45	20	5.5	-0.2	
3143	IR052	35.8508	80.8573	7.5	63	5.1	11	87	53100	55	22400	580	10900	7.9	8300	70	5.1	2.2	18	20	2.6	1.0	
3144	IR053	35.8898	80.8646	7.2	52	9.8	45	59	45800	233	29600	290	15000	6.3	7100	40	7.4	7.8	91	31	4.8	-0.2	
3145	IR054	35.9511	80.8493	7.1	69	11.0	103	37	27600	523	20800	370	M	3.3	2900	40	7.1	0.5	173	112	M	0.7	
3146	IR055	35.9546	80.7955	7.2	61	14.4	90	89	40800	386	24900	320	7700	6.5	9500	70	9.4	3.1	167	87	M	0.7	
3147	IR056	35.9686	80.8387	7.2	43	16.1	255	43	18800	1276	22200	330	M	2.3	5100	40	14.4	7.3	435	277	16.7	-0.5	
3163	IR072	35.9880	80.9211	7.3	23	33.4	159	201	27400	799	22900	640	6600	4.6	18300	80	17.5	2.5	285	152	M	0.9	
3164	IR073	35.9737	80.8667	7.3	42	21.0	191	57	33800	894	28600	450	M	2.4	6700	50	13.8	3.4	265	180	M	0.7	
3165	IR074	35.9661	80.8884	7.3	33	21.8	155	81	31100	717	30600	660	M	5.2	16300	30	13.9	2.4	253	130	12.1	2.2	
3171	IR080	35.7894	80.9595	7.2	125	14.9	70	254	35500	347	51100	1060	9300	10.3	25700	90	9.1	4.2	149	57	7.8	1.3	
3172	IR081	35.8242	80.9646	7.3	44	5.4	19	119	49300	223	56200	710	M	9.9	16800	60	3.7	2.0	89	54	M	0.8	
3173	IR082	35.8466	80.9371	7.0	65	7.1	18	238	39000	110	50100	740	9700	8.3	22200	80	4.1	2.3	55	19	6.0	1.3	
3174	IR083	35.8789	80.9145	7.1	67	6.5	32	84	52800	236	52500	460	9600	7.6	11200	100	4.6	-1.4	121	63	7.0	-0.5	
3175	IR084	35.8352	80.9089	7.2	69	8.6	11	186	58000	78	42900	540	M	7.2	10700	80	4.5	2.9	36	13	6.6	1.4	

SALISBURY 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
3176	IR085	35.8126	80.8545	7.3	83	5.7	15	98	42400	141	49500	530	6500	8.8	7800	80	4.2	3.3	77	30	8.7	0.9	0.402
3177	IR086	35.9255	80.8740	7.4	53	7.8	50	34	35300	225	17900	530	4500	3.9	3400	50	3.4	1.2	93	49	M	0.5	0.175
3178	IR087	35.9414	80.9218	7.6	34	12.8	121	43	42900	506	28000	410	M	3.0	9100	40	6.0	3.1	163	99	9.4	1.1	
3179	IR088	35.8970	80.9236	7.2	53	39.0	M	133	40800	M	M	1060	4900	21.7	20300	130	25.7	M	M	M	M	M	
3180	IR089	35.9269	80.9444	7.3	30	22.0	M	61	39200	M	M	250	1800	6.8	7000	40	14.6	M	M	M	M	M	
3181	IR090	35.9495	80.9602	7.1	43	27.2	M	75	38600	M	M	270	1700	6.5	8800	60	17.7	M	M	M	M	M	
3182	IR091	35.9699	80.9483	7.4	30	19.2	M	76	38300	M	M	340	1500	8.6	10400	50	13.2	M	M	M	M	M	
3183	IR092	35.9644	80.9995	7.4	31	22.5	M	59	33500	M	M	500	3200	8.0	9600	50	17.4	M	M	M	M	M	
3184	IR093	35.9284	80.9973	7.4	34	11.7	M	48	39900	M	M	310	1800	8.2	8800	50	7.4	M	M	94	M	M	
3185	IR094	35.8986	80.9861	7.1	95	18.5	M	59	56600	M	M	1020	3800	16.5	9300	120	15.0	M	M	M	M	M	
3909	ME042	35.5018	80.8277	7.7	212	2.5	-2	65	36000	-20	45800	810	8000	23.2	3000	140	M	2.0	M	M	M	0.7	
4880	RA043	35.5119	80.0166	7.5	49	2.2	10	3	37100	68	55500	890	2700	19.2	3600	90	1.6	3.3	27	8	3.2	0.7	
4881	RA044	35.5238	80.0350	7.5	49	2.4	9	4	28700	-20	56100	490	2300	22.0	2700	60	1.7	-1.0	17	M	2.8	0.5	
4882	RA045	35.5115	80.0639	7.5	49	2.3	-2	M	11700	72	74400	260	1500	50.8	600	70	M	2.2	19	10	2.6	-0.2	
4883	RA046	35.5443	80.0253	7.5	40	2.3	5	5	25300	30	47100	730	3700	37.4	6600	150	M	7.9	12	2	3.4	0.6	
4884	RA047	35.5694	80.0320	7.3	55	2.5	8	8	41800	73	49100	740	1200	17.3	4900	110	3.6	-1.0	33	5	2.4	0.3	
4885	RA048	35.6154	80.0234	7.4	68	2.1	-3	4	29000	76	46200	1430	1700	29.6	6000	100	3.5	-1.0	21	4	3.9	-0.2	
4886	RA049	35.6326	80.0516	7.4	69	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	
4889	RA052	35.6640	80.0462	7.7	50	1.0	-1	2	34900	-20	46300	1060	4800	28.0	2200	110	1.4	M	12	3	4.4	-0.2	
4890	RA053	35.7130	80.0239	7.4	60	1.2	-2	2	23700	78	70200	900	4200	37.9	4000	120	3.4	4.2	15	8	M	0.7	
4892	RA055	35.7602	80.0054	7.7	75	1.3	9	M	19100	65	99200	830	2300	32.5	3800	80	2.8	-1.0	17	8	2.2	0.6	
4893	RA056	35.7681	80.0482	7.9	78	1.6	11	M	17900	43	70600	1460	2000	21.9	9400	70	2.1	-1.0	16	4	1.5	-0.2	
4894	RA057	35.8001	80.0352	7.8	90	1.7	M	M	27000	M	M	820	3100	25.1	3700	70	2.0	M	M	M	M	M	
4896	RA059	35.8748	80.0045	7.8	78	1.8	7	15	26500	95	73200	680	9900	23.2	2900	90	1.7	-1.0	27	8	5.0	0.3	
4897	RA060	35.8659	80.0434	7.8	95	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	
4898	RA061	35.8952	80.0159	7.9	90	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	
5331	RW001	35.7392	80.4817	7.8	50	8.5	27	134	45800	233	22900	360	4100	5.3	4100	70	6.4	3.9	127	22	M	0.6	
5332	RW002	35.7449	80.5066	7.5	72	7.4	8	29	52500	122	35900	710	12200	14.5	5100	80	M	2.2	63	67	7.0	-0.2	
5333	RW003	35.7351	80.5582	M	M	9.5	2	32	M	-20	-5000	M	M	7.9	M	M	M	-1.0	29	M	M	M	0.103
5334	RW004	35.7157	80.5773	7.6	85	2.8	8	23	50100	-20	65000	1300	14200	18.0	11000	130	2.3	4.8	M	M	M	-0.2	
5335	RW005	35.7260	80.5956	7.7	125	0.8	-1	9	29100	-20	57100	570	6800	26.2	4300	100	2.0	-1.0	M	7	M	-0.2	
5336	RW006	35.7420	80.5887	7.6	110	2.2	6	10	35800	59	59900	740	8100	24.4	6000	120	2.1	3.1	M	7	M	-0.2	0.332
5337	RW007	35.7594	80.5522	7.4	70	6.8	3	34	M	12	-5000	M	M	4.6	M	M	M	-1.0	21	1	M	-0.2	
5338	RW008	35.7834	80.5717	7.8	128	2.6	-2	5	57000	-20	57500	1310	11500	25.3	7600	220	3.7	0.9	18	6	M	-0.2	
5339	RW009	35.8165	80.6093	7.5	150	1.9	8	28	38300	-20	86100	1560	7300	24.8	17900	230	2.8	-1.0	M	46	9.1	0.3	
5340	RW010	35.8246	80.6702	7.7	170	0.7	-2	2	55400	-20	67400	1100	8700	30.5	5900	230	M	2.9	M	M	2.8	-0.2	
5341	RW011	35.8453	80.6836	7.8	200	0.9	M	5	36400	M	M	100	1400	22.5	M	M	M	M	M	M	M	M	
5342	RW012	35.8073	80.6567	7.8	165	1.3	4	14	59500	37	79900	1220	16000	30.7	10400	200	5.3	2.4	46	65	M	-0.2	

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5343	RW013	35.7985	80.6401	7.6	155	1.0	3	18	50200	37	59200	1400	11200	30.1	15000	210	3.0	1.7	30	8	3.6	0.9	
5344	RW014	35.7559	80.6357	7.9	60	3.1	8	54	48400	35	65100	1220	7400	15.5	11400	160	M	-1.0	33	5	5.0	1.7	0.168
5345	RW015	35.7849	80.7060	7.6	138	1.1	M	19	M	15	6300	M	M	16.8	M	M	M	-1.0	M	M	M	0.2	
5346	RW016	35.7671	80.7210	7.3	120	7.7	45	144	40100	222	62200	1230	9000	20.4	22300	150	4.2	3.3	176	28	M	0.8	
5347	RW017	35.7854	80.6763	7.7	140	1.2	-2	17	21800	36	36700	380	6900	17.3	2100	60	M	2.4	21	4	5.7	-0.2	
5348	RW018	35.7445	80.6807	7.9	105	4.2	19	35	49200	85	41700	790	7600	11.5	7800	80	3.4	-1.0	40	26	M	-0.2	
5349	RW019	35.6590	80.3728	7.7	145	2.4	M	21	M	-20	6700	M	M	13.2	M	M	M	-1.0	15	M	M	M	
5350	RW020	35.6324	80.3460	7.6	115	1.6	-2	9	58700	29	51000	970	4300	18.9	6600	130	2.9	7.4	36	10	3.6	-0.2	0.186
5351	RW021	35.5932	80.2760	M	M	2.1	7	5	45300	36	29100	1530	4700	16.5	8000	90	3.3	0.7	46	26	3.4	-0.2	
5352	RW022	35.5738	80.2436	M	M	2.4	7	5	60200	85	58000	2090	3700	21.9	4400	160	1.3	-1.0	37	11	M	M	
5353	RW023	35.5457	80.2391	M	M	3.3	11	12	54500	75	40300	1870	8700	16.2	28000	120	9.4	1.7	22	9	2.8	0.7	
5354	RW024	35.5304	80.2393	M	M	2.7	12	4	60200	-20	34300	180	2000	20.2	2500	90	M	2.0	M	M	4.5	-0.2	
5355	RW025	35.5479	80.2771	M	M	2.0	M	7	M	M	M	M	M	8.6	M	M	3.8	M	33	1	M	M	
5356	RW026	35.5767	80.3230	M	M	1.5	4	5	42900	69	38200	1560	9500	17.0	3400	90	2.5	0.9	48	M	8.1	0.4	
5357	RW027	35.5881	80.3591	7.8	90	1.3	-2	12	49400	24	35500	1500	9400	14.1	6900	160	2.8	1.7	M	M	4.0	-0.2	
5358	RW028	35.5950	80.3533	8.4	125	2.0	7	36	41400	49	63200	1470	8600	16.1	9000	120	2.8	-1.0	44	M	7.2	1.3	
5359	RW029	35.6202	80.3362	7.7	80	0.7	1	8	M	-20	-5000	M	M	9.0	M	M	M	-1.0	M	M	M	-0.2	
5360	RW030	35.7001	80.3456	7.6	95	4.3	16	73	28200	66	160900	5830	6800	19.8	M	330	1.3	-1.0	37	5	6.5	0.7	
5361	RW031	35.6596	80.4227	7.8	70	5.4	7	31	34200	28	22700	890	8900	6.8	6300	80	1.2	-1.0	12	2	4.8	0.8	
5362	RW032	35.6363	80.3937	7.5	143	3.7	8	19	35500	-20	23500	1170	8900	7.5	3300	50	2.0	-1.0	M	M	3.4	0.8	
5363	RW033	35.6114	80.3994	7.5	135	1.8	2	17	M	-20	-5000	M	M	8.4	M	M	1.9	-1.0	24	M	M	M	
5364	RW034	35.6117	80.4154	7.3	85	5.8	10	30	23300	31	33900	1430	3000	8.6	7000	70	3.9	-1.0	24	M	9.0	0.6	
5365	RW035	35.5878	80.4227	7.5	70	4.9	3	26	22100	21	5800	1050	3400	3.9	3900	30	3.1	-1.0	14	5	5.4	1.1	
5366	RW036	35.6058	80.4647	7.7	115	4.0	6	21	27500	28	26000	820	4900	13.3	4900	60	2.0	-1.0	M	M	4.9	1.4	
5367	RW037	35.5936	80.4865	7.6	128	5.4	M	50	M	M	M	M	M	1.1	M	M	5.2	M	M	M	4.2	M	0.139
5368	RW038	35.5891	80.5319	7.7	85	2.3	-2	26	45000	72	64300	2490	9500	20.2	18000	160	M	-1.0	12	M	M	0.5	
5369	RW039	35.5670	80.5007	7.8	118	3.7	M	31	26100	M	M	1620	5900	16.8	13100	90	3.4	M	M	40	M	M	
5370	RW040	35.5563	80.5580	7.8	150	1.9	7	25	42000	44	63600	1830	13700	22.2	13400	180	1.7	1.3	M	4	M	1.3	
5371	RW041	35.5279	80.5701	M	M	1.7	M	12	M	6	-5000	M	M	7.2	M	M	1.3	-1.0	25	M	M	M	
5372	RW042	35.5071	80.5604	7.5	170	1.3	-2	5	53100	75	58800	770	12900	22.9	3600	140	M	0.7	M	M	M	M	
5373	RW043	35.5161	80.5317	7.7	130	1.6	5	13	44100	-20	47400	1080	6600	20.8	6400	150	1.6	-1.0	16	M	M	-0.2	
5374	RW044	35.5301	80.5280	7.7	130	1.3	-2	5	54000	49	54100	1140	13800	23.1	5600	150	2.0	-1.0	30	M	M	-0.2	
5375	RW045	35.5045	80.4959	7.7	120	4.4	12	33	21700	21	20200	740	3900	8.0	4600	70	2.6	1.8	19	M	M	0.7	
5376	RW046	35.5347	80.4701	7.4	68	17.2	34	68	44700	29	16700	1600	7800	4.8	2500	20	6.1	-1.0	M	M	24.2	4.0	
5377	RW047	35.5596	80.4583	7.8	70	9.3	M	50	M	M	M	M	M	1.4	M	M	2.1	M	M	M	M	M	
5378	RW048	35.5409	80.4195	7.6	160	1.6	3	7	48600	-20	55600	1090	9100	20.5	3300	150	M	-1.0	M	M	6.0	0.6	
5379	RW049	35.5201	80.4086	7.8	90	1.7	7	8	62800	63	77200	1530	5300	21.8	7900	260	1.3	-1.0	16	M	M	0.8	
5380	RW050	35.5142	80.3533	M	M	2.1	8	5	50600	45	47300	1090	3900	15.5	4700	90	2.0	-1.0	12	M	M	-0.2	

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5381	RW051	35.5140	80.2767	M	M	1.7	M	9	M	M	M	M	M	13.1	M	M	3.9	M	M	M	M	M	
5382	RW052	35.5717	80.3031	M	M	2.2	11	7	43500	28	35200	770	3800	12.5	6500	90	2.3	-1.0	M	123	M	-0.2	
5383	RW053	35.5603	80.3565	7.2	60	1.9	10	10	39200	103	12900	670	7100	4.2	3900	40	1.8	1.3	97	22	5.8	0.6	
5384	RW054	35.5435	80.3716	7.4	120	1.8	4	29	34700	-20	68500	2840	7800	14.5	14100	240	3.5	1.3	32	M	M	-0.2	
5385	RW055	35.5678	80.3917	7.8	145	1.1	M	10	M	M	M	M	M	18.2	M	M	M	M	19	M	M	M	
5386	RW056	35.6920	80.5342	7.1	60	14.2	21	111	45500	53	28200	440	6700	9.1	4900	80	1.6	4.6	35	M	6.5	-0.2	
5387	RW057	35.6709	80.5294	7.7	90	2.0	4	27	46200	44	46800	1800	7200	16.5	10000	150	M	1.5	32	M	M	M	
5388	RW058	35.6924	80.6040	7.6	150	1.9	6	47	44600	-20	108800	3100	8800	37.4	33500	300	5.4	-1.0	33	35	13.3	-0.2	
5389	RW059	35.6895	80.6978	M	M	1.7	M	12	M	-20	10600	M	M	9.0	M	M	5.7	1.1	19	M	M	-0.2	
5390	RW060	35.7141	80.6700	7.8	180	3.5	-2	193	44900	57	128200	3330	9200	28.5	36500	390	4.1	1.1	41	M	5.9	0.8	
5391	RW061	35.7147	80.7060	7.8	78	5.0	8	122	43200	44	38400	1130	7300	12.6	9400	180	3.8	1.7	42	37	M	0.6	
5392	RW062	35.7186	80.7443	7.7	75	3.2	16	26	44700	25	9700	120	9600	6.5	4200	40	2.1	-1.4	19	26	8.6	0.2	
5393	RW063	35.6924	80.7381	7.6	50	5.0	M	62	M	M	M	M	M	6.2	M	M	0.3	M	M	M	M	M	
5394	RW064	35.6684	80.7505	7.6	60	6.5	14	106	35300	43	24300	500	5000	8.7	6100	70	1.7	3.7	M	24	M	-0.2	
5395	RW065	35.6321	80.7512	8.0	45	8.6	M	119	31300	M	M	230	5600	9.7	3800	40	M	M	M	M	M	M	
5396	RW066	35.6058	80.7236	7.6	88	5.7	12	42	56600	75	33400	560	7300	16.3	5400	90	M	-1.0	M	4	M	0.5	
5397	RW067	35.5544	80.6574	7.7	90	8.7	1	42	56500	19	-5000	M	800	0.9	M	80	M	-1.0	28	2	M	M	
5398	RW068	35.6156	80.5538	8.1	168	1.1	-2	5	28100	37	99900	780	2700	37.8	6000	130	2.8	1.8	M	M	M	-0.2	
5399	RW069	35.5936	80.5860	7.7	70	4.5	3	60	M	-20	-5000	M	M	3.5	M	M	M	0.9	M	M	M	-0.2	
5400	RW070	35.5856	80.6248	7.4	48	13.2	17	128	51400	53	7000	80	7900	4.0	3700	40	M	-1.0	41	M	4.4	0.7	
5401	RW071	35.5645	80.6209	7.3	65	19.6	23	166	25600	54	8100	80	3900	4.3	900	10	M	-1.0	63	3	2.6	0.6	0.087
5402	RW072	35.5234	80.7012	7.3	60	9.3	25	30	65300	91	8800	110	10900	3.4	2900	40	M	3.3	50	58	4.8	-0.2	
5403	RW073	35.5367	80.7229	7.6	70	4.4	M	28	M	11	-5000	M	M	4.1	M	M	M	-1.0	M	M	M	M	
5404	RW074	35.5524	80.7210	7.4	63	8.2	12	44	60300	28	19300	240	10300	6.2	4000	50	1.6	1.1	33	3	M	-0.2	
5405	RW075	35.5878	80.6644	7.5	55	6.4	11	16	55900	64	10100	110	10200	3.4	2900	40	3.6	0.9	44	19	M	-0.2	
5406	RW076	35.6024	80.7163	7.6	80	5.1	-2	161	42400	-20	45200	960	6200	19.4	5000	140	3.3	-1.0	26	M	10.8	0.7	
5407	RW077	35.6273	80.7142	7.6	80	8.3	2	72	M	-20	-5000	M	M	4.5	M	M	M	1.1	15	M	M	M	
5408	RW078	35.6539	80.7128	7.7	70	23.4	42	446	52700	94	25100	370	8300	13.3	5900	70	1.7	2.8	M	M	4.4	1.5	
5409	RW079	35.6541	80.6745	7.7	99	6.4	8	98	43300	15	25800	830	7900	13.6	6000	110	3.8	0.7	27	5	8.6	M	
5410	RW080	35.6236	80.6629	7.6	79	10.1	14	200	20000	66	47500	360	2900	25.0	2000	60	2.5	6.3	120	7	10.6	1.3	
5411	RW081	35.6489	80.6271	7.7	78	4.3	M	80	M	M	6000	M	M	11.4	M	M	3.1	-1.0	11	M	3.3	M	0.121
5412	RW082	35.6150	80.6195	7.5	75	3.3	-2	119	36800	-20	48900	1300	7000	31.2	4500	140	1.9	1.8	19	M	7.5	1.4	
5413	RW083	35.6231	80.5146	7.4	160	1.5	-1	24	42400	-20	44400	2390	6800	22.0	22700	180	M	2.4	M	3	M	M	
5414	RW084	35.6396	80.5299	7.8	170	0.9	4	11	56500	86	98900	2370	10300	25.8	23400	290	M	-1.0	25	M	M	M	
5415	RW085	35.6270	80.5721	7.8	138	1.7	-2	59	M	M	10000	M	M	22.0	M	M	M	-1.0	22	M	M	-0.2	

SALISBURY 100K QUADRANGLE - SUPPLEMENTAL STREAM SEDIMENT

Lab #	County ID	Lat	Long	Ux	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
972	CT060	35.6492	80.9934	.	0.5		.	0.6	.	9	7	6	25000	9	2700	-5	-5	8	985	10		60	114	2	70	24
983	CT072	35.5976	80.9681	.	-0.5		.	1.4	.	-5	-5	-2	27600	-5	2450	-5	-5	-5	903	-10		15	791	-2	-5	-5
1129	DE006	35.9666	80.5116	.	-0.5		.	0.7	.	20	14	6	1000	5	20750	-5	-5	10	303	-10		10	-50	-2	25	14
1130	DE007	35.9876	80.5241	.	-0.5		.	0.7	.	10	36	4	-1000	-5	15750	-5	-5	7	407	-10		35	70	-2	-5	10
1131	DE008	35.9901	80.5562	.	-0.5		.	1.1	.	7	10	7	4000	-5	11250	-5	5	5	872	-10		15	174	-2	75	17
1132	DE009	35.9624	80.5840	.	-0.5		.	0.6	.	10	10	16	1200	-5	6750	-5	.	20	186	10		25	230	-2	-5	774
1133	DE010	35.9860	80.5949	.	0.5		.	0.6	.	7	58	7	5520	-5	6250	-5	-5	7	254	-10		25	259	-2	-5	17
1139	DE016	35.9982	80.6449	.	1.0		.	.	.	-5	-5	6	.	.	.	-5	5	-5	1267	-10		32	.	-2	54	14
1141	DE018	35.9627	80.6601	.	-0.5		.	-0.5	.	-5	19	6	2320	-5	3000	-5	-5	5	-20	10		20	104	-2	-5	10
1142	DE019	35.9601	80.6399	.	-0.5		.	0.6	.	7	-5	12	3800	-5	5250	-5	-5	7	75	-10		-5	160	-2	10	16
1143	DE020	35.9407	80.6209	.	-0.5		.	-0.5	.	-5	-5	8	1680	-5	5250	-5	-5	5	54	-10		25	175	-2	-5	13
1144	DE021	35.9378	80.5745	.	-0.5		.	0.5	.	12	38	15	1240	-5	9750	-5	-5	10	507	-10		20	299	-2	-5	17
1145	DE022	35.9180	80.5464	.	-0.5		.	1.6	.	-5	-5	15	-1000	8	31000	-5	-5	15	107	25		100	351	-2	-5	35
1146	DE023	35.9053	80.6052	.	0.5		.	0.8	.	-5	8	12	1920	-5	7750	-5	-5	5	182	-10		15	205	-2	10	19
1147	DE024	35.9043	80.6328	.	-0.5		.	0.8	.	15	5	17	4240	-5	6750	-5	-5	5	150	-10		20	223	-2	-5	22
1148	DE025	35.9008	80.6508	.	-0.5		.	0.5	.	5	13	5	13000	6	4550	-5	.	10	186	-10		8	81	-2	41	14
1149	DE026	35.9200	80.6586	.	-0.5		.	-0.5	.	-5	19	5	5200	-5	2900	-5	-5	5	61	-10		-5	56	-2	40	9
1150	DE027	35.9392	80.6916	.	.		.	.	.	.	-5	.	.	.	.	-5	.	.	903	.		.	.	-2	.	.
1151	DE028	35.8869	80.7011	.	-0.5		.	-0.5	.	5	68	6	4200	-5	3950	-5	-5	7	403	-10		10	-50	-2	-5	15
1152	DE029	35.8607	80.6488	.	-0.5		.	-0.5	.	-5	6	4	3240	-5	4750	-5	-5	-5	-20	-10		10	140	-2	-5	6
1153	DE030	35.8664	80.6007	.	0.5		.	1.0	.	15	10	8	-1000	-5	9750	-5	-5	10	328	-10		5	231	-2	50	15
1154	DE031	35.8447	80.6162	.	-0.5		.	0.9	.	-5	5	5	18000	8	6150	-5	-5	7	236	-10		10	150	-2	75	19
1155	DE032	35.8142	80.5647	.	-0.5		.	0.8	.	-5	7	2	11800	-5	8250	-5	-5	-5	346	-10		20	149	-2	10	-5
1156	DE033	35.8081	80.5423	.	-0.5		.	0.8	.	28	-5	28	-1000	-5	23000	-5	-5	20	64	20		30	292	-2	75	50
1157	DE034	35.8125	80.4919	.	1.0		.	0.9	.	20	7	16	31600	-5	3250	-5	-5	20	689	10		30	648	-2	50	34
1158	DE035	35.8317	80.4999	.	-0.5		.	1.1	.	10	8	4	16200	-5	6750	-5	-5	10	186	10		-5	299	-2	10	22
1159	DE036	35.8547	80.4589	.	-0.5		.	1.4	.	-5	-5	8	30000	-5	4400	-5	-5	20	557	10		-5	641	-2	-5	64
1160	DE037	35.8386	80.4593	.	1.0		.	1.7	.	-5	-5	10	32000	-5	5250	-5	-5	28	607	28		15	549	-2	25	68
1161	DE038	35.8507	80.5209	.	1.0		.	1.3	.	28	9	20	17000	-5	5050	-5	-5	20	86	20		30	181	-2	75	32
1162	DE039	35.8869	80.5143	.	1.0		.	1.0	.	40	7	16	8480	-5	11750	-5	-5	40	493	28		60	136	-2	11	72
1163	DE040	35.8762	80.5396	.	2.0		.	1.2	.	60	9	28	2200	-5	13250	-5	-5	40	625	40		25	-50	-2	60	68
1164	DE041	35.9301	80.5075	.	1.0		.	1.7	.	70	-5	74	7600	12	8250	-5	20	60	960	50		10	70	-2	41	152
1165	DE042	35.9550	80.5042	.	-0.5		.	1.1	.	-5	14	4	5800	6	14000	-5	-5	5	371	-10		-5	126	-2	-5	10
1167	DE044	35.9714	80.4603	.	-0.5		.	1.0	.	21	19	20	4240	5	11500	-5	-5	27	543	10		-5	142	-2	50	25
1168	DE045	35.9425	80.4748	.	-0.5		.	1.4	.	21	13	10	5840	-5	11000	-5	-5	10	496	-10		-5	222	-2	-5	25
1169	DE046	35.9031	80.4530	.	-0.5		.	0.9	.	6	-5	8	5040	5	5500	-5	-5	5	471	-10		-5	266	-2	10	15
1170	DE047	35.9046	80.4781	.	0.5		.	1.0	.	16	6	13	6200	-5	11000	-5	-5	12	332	-10		-5	210	-2	-5	15
1171	DE048	35.8877	80.4160	.	-0.5		.	1.3	.	-5	6	-2	30800	-5	3350	-5	-5	5	425	-10		-5	984	-2	-5	7

SALISBURY 100K QUADRANGLE - SUPPLEMENTAL STREAM SEDIMENT

Lab #	County ID	Lat	Long	Ux	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
1172	DE049	35.9158	80.4227	.	-0.5		.	1.4	.	-5	5	2	35600	5	3800	-5	-5	7	268	-10		-5	818	-2	-5	11
1173	DE050	35.9312	80.4309	.	-0.5		.	0.9	.	11	7	6	10600	-5	8000	-5	-5	5	243	-10		-5	324	-2	25	16
1174	DE051	35.9240	80.3816	.	0.5		.	2.1	.	8	-5	9	35600	8	7000	-5	-5	12	553	10		-5	871	-2	-5	23
1175	DE052	35.9701	80.4067	.	0.5		.	1.5	.	13	14	7	17800	5	10500	-5	5	10	328	-10		59	352	-2	59	19
1176	DE053	35.9749	80.4274	.	0.5		.	0.9	.	11	10	8	5480	-5	80000	-5	-5	5	246	-10		-5	80	-2	-5	14
1344	DV001	35.9168	80.0943	.	-0.5		.	1.0	.	-5	7	6	1120	-5	4400	-5	-5	10	29	10		-5	277	-2	25	19
1345	DV002	35.9377	80.1113	.	-0.5		.	1.0	.	6	19	4	2200	-5	42000	-5	-5	7	-20	-10		5	237	-2	75	14
1346	DV003	35.9528	80.0918	.	1.0		.	1.4	.	16	8	12	2480	-5	10400	-5	-5	20	107	30		5	332	-2	60	77
1347	DV004	35.9999	80.0738	.	1.0		.	1.1	.	8	8	11	3320	-5	5500	-5	-5	7	293	17		-5	186	-2	-5	35
1348	DV005	35.9976	80.0933	.	-0.5		.	1.6	.	8	5	5	27600	-5	6500	-5	-5	7	421	12		5	332	-2	-5	24
1350	DV007	35.9874	80.1251	.	-0.5		.	-0.5	.	6	-5	4	-1000	-5	1550	-5	.	10	43	-10		-5	80	-2	-5	24
1353	DV010	35.9919	80.1686	.	-0.5		.	1.5	.	-5	14	3	29600	-5	4100	-5	-5	-5	175	-10		-5	392	-2	10	9
1354	DV011	35.9578	80.1505	.	-0.5		.	1.0	.	13	28	9	11760	-5	9000	-5	-5	15	300	-10		-5	174	-2	10	16
1355	DV012	35.9330	80.1416	.	-0.5		.	1.2	.	6	14	7	2400	-5	6000	-5	-5	10	161	-10		-5	258	-2	-5	15
1356	DV013	35.8994	80.1495	.	-0.5		.	1.2	.	8	16	7	3000	-5	4400	-5	.	12	86	15		20	316	-2	-5	28
1357	DV014	35.7843	80.3270	.	-0.5		.	1.5	.	6	-5	3	33600	-5	4300	-5	-5	5	139	-10		10	493	-2	10	13
1358	DV015	35.8340	80.3650	.	0.5		.	1.8	.	-5	5	2	35600	5	4000	-5	5	7	471	12		-5	559	-2	200	16
1359	DV016	35.8617	80.3740	.	-0.5		.	2.0	.	-5	6	3	32400	5	2950	-5	-5	5	386	-10		10	441	-2	-5	14
1360	DV017	35.8592	80.3428	.	-0.5		.	2.2	.	-5	-5	2	32800	6	3400	-5	-5	5	514	15		-5	445	-2	125	17
1361	DV018	35.8243	80.3906	.	0.5		.	1.5	.	-5	6	2	38400	-5	2600	-5	-5	-5	218	10		-5	725	-2	-5	7
1362	DV019	35.7803	80.4339	.	-0.5		.	2.2	.	-5	6	3	30000	5	3800	-5	-5	5	314	10		-5	778	-2	50	10
1363	DV020	35.7539	80.4216	.	-0.5		.	1.8	.	-5	11	2	36400	-5	2850	-5	5	-5	214	-10		-5	532	-2	100	10
1364	DV021	35.7251	80.3948	.	-0.5		.	1.6	.	-5	-5	4	38400	8	2000	-5	-5	5	104	14		-5	553	-2	-5	20
1365	DV022	35.7570	80.3477	.	-0.5		.	1.4	.	6	17	2	28320	-5	2700	-5	-5	-5	114	-10		-5	306	-2	-5	6
1366	DV023	35.7671	80.3816	.	-0.5		.	1.8	.	-5	5	2	32000	6	4300	-5	-5	-5	275	10		-5	584	-2	-5	14
1367	DV024	35.8072	80.2004	.	-0.5		.	1.1	.	-5	83	5	2240	-5	2750	-5	-5	-5	121	12		-5	141	-2	-5	15
1368	DV025	35.8047	80.1701	.	-0.5		.	1.2	.	24	13	22	2280	-5	5100	-5	-5	7	340	12		-5	193	-2	125	35
1369	DV026	35.8469	80.1231	.	-0.5		.	1.6	.	12	20	16	2960	-5	6900	-5	-5	14	179	14		-5	242	-2	10	26
1370	DV027	35.8592	80.1211	.	0.5		.	1.4	.	6	6	7	3120	-5	4900	-5	-5	10	143	15		-5	335	-2	10	35
1371	DV028	35.8725	80.1486	.	0.5		.	1.1	.	-5	13	2	1120	-5	1000	-5	-5	5	71	-10		-5	254	-2	-5	9
1372	DV029	35.9105	80.0705	.	-0.5		.	1.7	.	6	16	15	6960	-5	5500	-5	-5	7	250	10		-5	106	2	-5	44
1373	DV030	35.8241	80.0905	.	0.5		.	1.6	.	36	16	40	4600	7	8500	-5	-5	27	357	17		5	142	-2	-5	62
1374	DV031	35.8130	80.0957	.	0.5		.	1.4	.	6	14	6	7920	10	5100	-5	-5	7	407	-10		5	150	-2	25	22
1375	DV032	35.7887	80.0763	.	-0.5		.	2.0	.	14	-5	8	2400	10	4000	5	-5	20	89	-10		-5	160	-2	-5	10
1376	DV033	35.7570	80.0770	.	-0.5		.	3.0	.	30	33	28	7000	8	18100	15	60	28	200	-10		-5	117	-2	25	62
1377	DV034	35.7699	80.0942	.	0.5		.	3.0	.	22	39	28	5000	6	16700	10	15	31	230	-10		-5	109	-2	15	87
1378	DV035	35.7737	80.2038	.	0.5		.	3.0	.	20	15	21	5000	5	12300	10	-5	10	180	-10		15	93	-2	-5	37
1379	DV036	35.7614	80.1811	.	0.5		.	2.0	.	27	12	27	6000	10	5800	5	-5	25	220	-10		10	-50	-2	15	52

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1380	DV037	35.7327	80.1946	.	-0.5		.	3.0	.	47	11	23	9000	14	8100	10	20	26	350	25		15	-50	-2	40	57
1381	DV038	35.7141	80.1766	.	0.5		.	3.0	.	52	14	23	8000	7	1310	5	5	24	280	-10		5	110	-2	25	57
1382	DV039	35.6922	80.1478	.	0.5		.	1.0	.	7	-5	13	2000	40	1000	5	-5	15	300	-10		-5	-50	-2	35	55
1383	DV040	35.6481	80.1278	.	-0.5		.	3.0	.	17	6	30	4000	10	2500	5	-5	20	350	-10		10	62	-2	30	32
1384	DV041	35.6212	80.1511	.	-0.5		.	.	.	-5	.	-2	.	.	.	15	-5	25	.	-10		30	.	-2	60	50
1385	DV042	35.5658	80.1769	.	-0.5		.	2.0	.	35	-5	12	4000	48	1600	6	-5	35	200	-10		-5	53	-2	6	47
1386	DV043	35.5808	80.1518	.	-0.5		.	.	.	-5	.	20	.	.	.	9	10	62	.	-10		-5	.	-2	29	200
1387	DV044	35.5345	80.1594	.	-0.5		.	3.0	.	27	11	18	10000	15	17200	-5	-5	14	320	-10		10	92	-2	-5	30
1388	DV045	35.5310	80.0900	.	-0.5		.	.	.	-5	.	-2	.	.	.	-5	-5	60	.	-10		-5	.	-2	8	50
1389	DV046	35.5779	80.1251	.	-0.5		.	1.0	.	10	30	6	1000	8	200	-5	-5	5	330	-10		-5	65	-2	10	10
1390	DV047	35.6794	80.1047	.	0.5		.	2.0	.	15	16	16	6000	9	7100	-5	55	13	400	10		5	76	-2	-5	35
1391	DV048	35.7611	80.1246	.	-0.5		.	3.0	.	27	5	14	8000	11	11600	-5	-5	18	400	10		10	96	-2	15	40
1392	DV049	35.7335	80.1170	.	1.0		.	8.0	.	15	-5	18	24000	36	84800	-5	-5	21	200	30		10	543	-2	15	100
1393	DV050	35.7128	80.1405	.	0.5		.	2.0	.	25	12	22	4000	9	400	-5	5	27	410	25		5	-50	-2	25	42
1394	DV051	35.6978	80.1055	.	0.5		.	4.0	.	17	17	17	11000	6	16600	-5	-5	24	380	20		-5	109	-2	20	75
1395	DV052	35.6224	80.0723	.	.		.	.	.	.	.	.	.	.	.	.	.	.	.	.		.	.	.	.	.
1396	DV053	35.5057	80.1163	.	-0.5		.	2.0	.	35	19	31	6000	24	600	-5	-5	24	180	-10		-5	51	-2	30	90
1397	DV054	35.6701	80.2839	.	0.5		.	2.0	.	-5	46	8	3000	6	10300	5	40	5	200	-10		-5	136	87	15	75
1398	DV055	35.6945	80.2854	.	-0.5		.	2.0	.	7	15	8	3000	5	7300	-5	-5	10	220	-10		-5	161	-2	10	15
1399	DV056	35.7316	80.2745	.	0.5		.	2.0	.	7	6	7	6000	8	10500	-5	20	7	180	-10		5	132	-2	10	17
1400	DV057	35.7326	80.2980	.	0.5		.	2.0	.	7	6	7	13000	5	13100	5	30	15	310	-10		-5	120	-2	25	45
1401	DV058	35.7896	80.2874	.	0.5		.	2.0	.	-5	10	11	13000	5	14400	-5	-5	7	340	10		-5	115	-2	20	90
1402	DV059	35.7708	80.2357	.	-0.5		.	2.0	.	-5	14	7	9000	5	4500	-5	5	8	500	-10		-5	90	-2	20	35
1403	DV060	35.8675	80.2664	.	-0.5		.	2.0	.	7	-5	4	19000	8	13600	-5	-5	-5	560	-10		-5	190	-2	30	7
1404	DV061	35.8613	80.2812	.	-0.5		.	2.0	.	-5	-5	7	23000	7	3400	-5	5	10	530	-10		-5	111	-2	-5	15
1405																										
1406																										
1407																										
1408																										
1409																										
1410																										
1411	DV068	35.9384	80.3482	.	-0.5		.	3.0	.	7	7	-2	25000	8	11400	-5	-5	5	515	-10		-5	166	-2	25	27
1412	DV069	35.9569	80.3550	.	-0.5		.	3.0	.	-5	6	2	34000	18	16000	-5	-5	-5	430	-10		-5	287	-2	15	42
1413																										
1414	DV071	35.9565	80.3310	.	-0.5		.	2.0	.	-5	-5	-2	17000	9	6900	-5	20	-5	430	-10		-5	157	-2	50	95
1415	DV072	35.9364	80.3034	.	-0.5		.	3.0	.	-5	7	3	26000	13	8100	-5	-5	-5	380	-10		-5	175	-2	30	15
1416	DV073	35.9881	80.2810	.	-0.5		.	.	.	-5	.	-2	.	.	.	-5	10	7	.	-10		-5	.	-2	20	10
1417																										

SALISBURY 100K QUADRANGLE - SUPPLEMENTAL STREAM SEDIMENT

Lab #	County ID	Lat	Long	Ux	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
1418																										
1419	DV076	35.9602	80.2606	.	-0.5		.	3.0	.	-5	5	2	27000	10	10700	-5	-5	5	540	-10		-5	144	-2	15	15
1420	DV078	35.9965	80.2487	.	-0.5		.	3.0	.	-5	5	-2	21000	10	10100	-5	5	7	550	-10		-5	153	-2	30	15
1421	DV079	35.9816	80.1871	.	-0.5		.	8.0	.	-5	-5	8	48000	44	60000	-5	-5	14	380	-10		-5	670	-2	25	25
1422	DV080	35.9759	80.2057	.	-0.5		.	3.0	.	-5	11	5	14000	8	5600	-5	-5	8	400	-10		-5	53	-2	20	15
2033	DV081	35.9483	80.1796	.	-0.5		.	2.0	.	-5	16	10	12000	9	12100	-5	10	6	250	-10		5	126	-2	40	12
2034	DV082	35.9214	80.1934	.	-0.5		.	2.0	.	-5	10	7	14000	9	9800	-5	-5	8	315	-10		-5	134	10	-5	7
2035	DV083	35.9340	80.2266	.	-0.5		.	-0.5	.	-5	12	4	18800	6	22000	-5	10	-5	600	-10		15	71	-2	35	12
2036	DV084	35.9111	80.2197	.	-0.5		.	-0.5	.	-5	9	-2	19700	-5	11300	-5	5	-5	410	-10		-5	-50	-2	20	10
2037	DV085	35.8945	80.2451	.	-0.5		.	-0.5	.	-5	9	2	20300	-5	9300	-5	5	-5	380	-10		-5	-50	-2	10	17
2038	DV086	35.8685	80.2309	.	-0.5		.	-0.5	.	5	11	6	20400	-5	-200	-5	60	-5	780	-10		-5	63	-2	25	15
2039	DV087	35.8450	80.2319	.	-0.5		.	-0.5	.	7	14	12	4600	-5	2200	-5	75	-5	4000	-10		15	-50	-2	20	25
2040	DV088	35.8535	80.1709	.	-0.5		.	-0.5	.	22	40	23	4400	-5	14600	5	20	7	260	-10		-5	-50	-2	30	30
2041	DV089	35.8786	80.1751	.	-0.5		.	-0.5	.	5	28	8	1900	-5	1100	5	-5	7	1600	-10		20	-50	-2	20	25
2042	IR001	35.7685	80.7514	.	0.5		.	1.0	.	5	6	15	8900	-5	1000	5	15	34	4350	10		-5	-50	-2	10	60
2043	IR002	35.7779	80.7472	.	-0.5		.	1.0	.	-5	-5	14	5900	-5	2100	-5	5	-5	6100	-10		-5	122	-2	25	20
2044	IR003	35.7357	80.7818	.	-0.5		.	1.0	.	-5	-5	5	7900	-5	1000	-5	10	-5	4600	-10		-5	65	-2	35	7
2045	IR004	35.7104	80.7784	.	-0.5		.	2.0	.	-5	-5	10	17900	-5	500	-5	5	-5	4700	-10		-5	127	-2	20	30
2046	IR005	35.7060	80.8255	.	-0.5		.	1.0	.	5	-5	4	17900	-5	300	-5	-5	-5	5550	-10		-5	-50	-2	20	10
2047	IR006	35.7394	80.8301	.	0.5		.	1.0	.	5	-5	10	11900	-5	400	-5	20	-5	4300	-10		5	-50	-2	30	65
2048	IR007	35.6670	80.8147	.	-0.5		.	1.0	.	-5	-5	7	14900	-5	500	-5	15	-5	7050	-10		5	-50	-2	30	17
2049	IR008	35.6534	80.8239	.	-0.5		.	1.0	.	-5	11	5	8900	-5	800	-5	5	-5	6750	-10		5	80	-2	50	10
2050	IR009	35.6707	80.7852	.	-0.5		.	1.0	.	5	-5	6	17900	-5	1100	-5	20	7	5100	-10		10	57	-2	35	20
2051	IR010	35.6532	80.7996	.	-0.5		.	2.0	.	-5	7	-2	30000	-5	1100	-5	40	-5	5650	-10		-5	466	2	15	25
2052	IR011	35.6262	80.7646	.	-0.5		.	2.0	.	-5	17	3	25000	-5	1700	5	80	-5	6250	-10		10	356	2	40	20
2053	IR012	35.6066	80.8088	.	-0.5		.	2.0	.	-5	6	5	22000	-5	1400	-5	50	-5	6150	-10		5	271	2	20	27
2054	IR013	35.5742	80.7676	.	-0.5		.	2.0	.	-5	10	2	24000	-5	1000	-5	-5	-5	5550	-10		-5	311	2	30	22
2055	IR014	35.5268	80.7511	.	0.5		.	2.0	.	5	13	15	19000	-5	1700	-5	15	-5	6100	-10		-5	211	2	30	27
2056	IR015	35.5265	80.7791	.	-0.5		.	2.0	.	7	23	8	23000	-5	2200	-5	35	-5	6750	-10		-5	223	2	45	25
2057	IR016	35.5204	80.8170	.	-0.5		.	1.0	.	5	14	6	21000	-5	1600	-5	30	-5	5300	-10		15	244	2	25	17
2058	IR017	35.5353	80.8230	.	-0.5		.	2.0	.	5	14	6	22000	-5	1300	-5	5	-5	4700	-10		-5	217	2	40	30
2061	IR018	35.5395	80.8635	.	-0.5		.	1.0	.	-5	-5	19	16000	-5	3300	-5	-5	-5	6100	-10		-5	122	2	25	20
2062	IR019	35.5703	80.8461	.	-0.5		.	3.0	.	5	-5	10	31000	-5	1600	-5	15	7	6200	-10		-5	249	2	30	50
2063	IR020	35.5598	80.9046	.	-0.5		.	2.0	.	-5	-5	4	9000	-5	1100	-5	-5	-5	5650	-10		-5	130	2	15	17
2064	IR021	35.6088	80.8582	.	-0.5		.	-0.5	.	-5	-5	-2	15000	-5	1500	-5	-5	-5	4700	-10		-5	216	2	20	10
2065	IR022	35.6422	80.8589	.	-0.5		.	-0.5	.	-5	-5	5	13000	-5	2000	-5	-5	7	5900	-10		5	114	2	45	12
2066	IR023	35.7050	80.8607	.	-0.5		.	2.0	.	-5	-5	4	17000	-5	2000	-5	5	-5	6200	-10		-5	143	2	50	20
2067	IR024	35.6833	80.8861	.	-0.5		.	2.0	.	5	-5	10	14000	-5	1300	-5	5	8	5350	-10		-5	107	2	140	50

SALISBURY 100K QUADRANGLE - SUPPLEMENTAL STREAM SEDIMENT

Lab #	County ID	Lat	Long	Ux	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
2068	IR025	35.6804	80.9215	.	-0.5		.	2.0	.	7	-5	8	14000	-5	3200	-5	30	11	6150	-10		10	59	2	115	27
2069	IR026	35.6811	80.9460	.	0.5		.	3.0	.	5	-5	11	20000	10	1300	-5	5	-5	6250	-10		-5	82	2	20	62
2070	IR029	35.7665	80.9778	.	0.5		.	1.0	.	-5	14	8	5000	-5	2200	-5	50	-5	6750	-10		5	-50	2	85	25
2071	IR030	35.7242	80.9867	.	-0.5		.	1.0	.	5	12	5	12000	-5	2000	-5	50	8	5550	-10		-5	-50	-2	80	25
2072	IR031	35.6869	80.9648	.	-0.5		.	1.0	.	5	-5	3	20000	-5	800	-5	10	13	5100	-10		10	63	-2	30	15
2073	IR032	35.7514	80.9190	.	-0.5		.	2.0	.	7	7	6	18000	-5	2800	-5	25	10	6450	-10		-5	285	2	70	25
2074	IR033	35.7457	80.8955	.	-0.5		.	2.0	.	10	-5	6	19000	-5	2300	.	.	20	6150	17		.	223	-2	.	35
2075	IR034	35.7473	80.8621	.	-0.5		.	1.0	.	5	12	7	11000	-5	3300	10	20	5	6200	-10		-5	110	2	55	25
2076	IR035	35.7901	80.8342	.	0.5		.	3.0	.	15	6	30	12000	7	1300	10	10	100	8100	70		-5	-50	-2	55	135
2077	IR036	35.7765	80.7969	.	-0.5		.	2.0	.	12	5	13	12000	-5	1700	5	5	56	6450	30		10	90	-2	35	75
2078	IR037	35.8333	80.7861	.	-0.5		.	1.0	.	10	23	8	3000	-5	3000	5	5	8	5800	-10		-5	66	-2	100	15
2079	IR038	35.8449	80.7681	.	-0.5		.	1.0	.	10	39	3	7000	-5	3100	5	10	12	5550	-10		10	83	-2	70	20
2080	IR039	35.8410	80.7182	.	-0.5		.	1.0	.	-5	-5	-2	7000	-5	1400	5	-5	-5	4650	-10		-5	140	-2	15	7
2081	IR040	35.8709	80.7646	.	-0.5		.	1.0	.	5	17	7	5000	-5	3600	-5	25	10	5000	-10		-5	104	-2	30	17
2082	IR041	35.8915	80.7420	.	-0.5		.	2.0	.	5	6	10	13000	-5	2400	-5	-5	13	5350	-10		5	249	-2	25	20
2083	IR042	35.8986	80.7168	.	-0.5		.	-0.5	.	-5	162	5	4000	-5	1300	5	10	-5	5750	-10		10	-50	-2	65	10
2084	IR043	35.9527	80.7235	.	0.5		.	1.0	.	-5	-5	5	21000	6	1400	5	-5	-5	3350	-10		-5	80	-2	40	17
2085	IR044	35.9702	80.7061	.	0.5		.	1.0	.	5	9	2	17000	-5	1600	-5	-5	7	6750	-10		5	112	-2	25	17
2086	IR045	35.9776	80.7525	.	-0.5		.	1.0	.	-5	12	2	10000	-5	1000	-5	-5	6	7050	-10		5	-50	-2	35	20
2087	IR046	35.9242	80.7559	.	-0.5		.	2.0	.	12	5	12	13000	-5	2500	-5	-5	-5	6100	-10		-5	87	-2	45	30
2088	IR047	35.9259	80.7903	.	-0.5		.	-0.5	.	5	64	7	3000	-5	2900	-5	5	8	6200	-10		-5	67	-2	10	15
2105	IR048	35.8827	80.8303	.	-0.5		.	2.0	.	12	13	12	9000	-5	1200	-5	5	14	3350	-10		5	116	-2	85	37
2106	IR049	35.8571	80.8131	.	0.5		.	2.0	.	5	7	7	10000	-5	1200	-5	-5	12	5000	-10		-5	56	-2	35	25
2107	IR050	35.8356	80.8319	.	-0.5		.	1.0	.	10	-5	10	5000	-5	2400	10	-5	7	2350	-10		5	-50	-2	20	37
2113	IR051	35.8041	80.9083	.	-0.5		.	2.0	.	25	10	41	10000	-5	1500	10	20	41	3500	-10		-5	-50	-2	30	70
2114	IR052	35.8508	80.8573	.	-0.5		.	3.0	.	7	8	6	12000	-5	4000	5	25	14	3650	-10		-5	69	-2	45	35
2115	IR053	35.8898	80.8646	.	-0.5		.	2.0	.	12	15	8	11000	-5	1600	-5	5	12	2950	-10		-5	-50	-2	50	30
2116	IR054	35.9511	80.8493	.	-0.5		.	-0.5	.	7	42	4	7000	-5	1600	-5	10	-5	2850	-10		10	-50	-2	50	15
2117	IR055	35.9546	80.7955	.	-0.5		.	1.0	.	5	19	10	8000	-5	1600	-5	-5	-5	4700	-10		5	50	-2	55	22
2118	IR056	35.9686	80.8387	.	-0.5		.	1.0	.	7	17	9	7000	-5	1500	5	20	7	3350	-10		-5	-50	-2	125	22
2119	IR072	35.9880	80.9211	.	-0.5		.	1.0	.	5	11	-2	8000	-5	1500	5	40	-5	3800	-10		-5	-50	3	75	10
2120	IR073	35.9737	80.8667	.	-0.5		.	1.0	.	7	-5	6	8000	-5	1500	5	20	8	716	-10		-5	-50	2	60	17
2121	IR074	35.9661	80.8884	.	-0.5		.	1.0	.	5	10	3	7000	-5	2000	-5	145	-5	2450	-10		5	-50	2	60	10
2122	IR080	35.7894	80.9595	.	-0.5		.	2.0	.	7	6	6	6000	-5	2400	5	125	13	2850	-10		-5	66	2	40	22
2123	IR081	35.8242	80.9646	.	-0.5		.	2.0	.	7	7	8	7000	-5	1800	5	95	15	3050	-10		15	51	2	35	30
2124	IR082	35.8466	80.9371	.	-0.5		.	2.0	.	5	6	5	8000	-5	2300	5	75	10	4000	-10		-5	57	-2	40	17
2125	IR083	35.8789	80.9145	.	-0.5		.	2.0	.	7	17	8	12000	-5	1500	5	55	11	1700	-10		-5	-50	2	45	27
2126	IR084	35.8352	80.9089	.	-0.5		.	2.0	.	10	7	7	10000	-5	1800	5	30	13	2550	-10		-5	53	-2	45	30

SALISBURY 100K QUADRANGLE - SUPPLEMENTAL STREAM SEDIMENT

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2127	IR085	35.8126	80.8545	.	-0.5		.	2.0	.	7	16	10	5000	-5	2200	10	5	6	5100	-10		-5	-50	-2	20	15
2495	IR086	35.9255	80.8740	.	-0.5		.	1.0	.	-5	19	4	9000	-5	1700	5	-5	-5	3650	-10		5	-50	-2	35	12
3107	IR087	35.9414	80.9218	.	-0.5		.	1.0	.	7	23	4	12000	-5	1700	5	10	-5	2650	-10		-5	-50	-2	45	17
3108	IR088	35.8970	80.9236	.	0.5		.	1.0	.	5	17	4	9000	-5	2400	10	5	-5	3250	10		-5	-50	-2	90	12
3109	IR089	35.9269	80.9444	.	-0.5		.	1.0	.	-5	16	4	16000	-5	1000	5	-5	-5	6450	-10		10	-50	2	50	15
3110	IR090	35.9495	80.9602	.	-0.5		.	1.0	.	-5	20	3	11000	-5	1200	5	5	5	1800	-10		-5	-50	3	75	7
3111	IR091	35.9699	80.9483	.	-0.5		.	1.0	.	-5	21	4	12000	-5	1400	5	-5	5	4150	-10		5	-50	2	35	17
3112	IR092	35.9644	80.9995	.	-0.5		.	1.0	.	5	14	4	12000	-5	1600	-5	20	7	3650	-10		5	-50	2	75	15
3113	IR093	35.9284	80.9973	.	-0.5		.	1.0	.	5	15	4	12000	-5	1400	5	-5	-5	1600	-10		-5	-50	-2	35	17
3116	IR094	35.8986	80.9861	.	1.0		.	2.0	.	10	10	23	7000	-5	1600	5	25	19	4350	-10		5	-50	-2	45	67
3117	ME042	35.5018	80.8277	.	-0.5		.	1.0	.	5	8	12	4000	-5	4900	-5	-5	-5	2200	12		20	122	-2	20	22
3119	RA043	35.5119	80.0166	.	-0.5		.	1.0	.	7	14	13	7000	14	300	5	10	19	6000	-10		-5	-50	-2	-5	32
3120	RA044	35.5238	80.0350	.	-0.5		.	1.0	.	15	11	24	9000	13	300	-5	5	22	3600	12		-5	-50	-2	20	37
3121	RA045	35.5115	80.0639	.	-0.5		.	-0.5	.	40	73	24	1000	6	1200	-5	-5	82	2400	-10		-5	73	-2	30	27
3122	RA046	35.5443	80.0253	.	-0.5		.	0.5	.	-5	18	2	4000	6	1500	5	60	5	1800	10		-5	109	2	30	15
3123	RA047	35.5694	80.0320	.	-0.5		.	1.0	.	7	15	9	8000	17	200	5	5	15	2600	10		5	-50	-2	20	37
3124	RA048	35.6154	80.0234	.	-0.5		.	1.0	.	10	11	20	6000	9	1800	5	20	16	2500	-10		5	-50	-2	15	37
3433	RA049	35.6326	80.0516	.	-0.5		.	0.5	.	17	14	20	5000	11	400	5	10	21	2400	17		-5	-50	-2	30	45
3434	RA052	35.6640	80.0462	.	-0.5		.	0.5	.	17	10	24	3000	-5	500	5	35	36	3100	10		-5	-50	-2	50	40
3435	RA053	35.7130	80.0239	.	-0.5		.	0.5	.	20	11	18	2000	-5	1000	5	10	14	3900	15		-5	76	-2	20	35
3436	RA055	35.7602	80.0054	.	-0.5		.	1.0	.	30	15	31	3000	9	1600	5	10	33	3100	-10		-5	78	-2	5	40
3437	RA056	35.7681	80.0482	.	-0.5		.	1.0	.	17	9	21	5000	8	1100	5	30	16	1900	-10		-5	-50	2	30	37
3438	RA057	35.8001	80.0352	.	-0.5		.	1.0	.	25	8	27	5000	10	200	5	10	22	3300	12		-5	-50	-2	10	42
3439	RA059	35.8748	80.0045	.	-0.5		.	1.0	.	22	11	22	3000	-5	2600	-5	5	10	3400	-10		-5	165	-2	25	35
3440	RA060	35.8659	80.0434	.	-0.5		.	0.5	.	20	5	12	3000	-5	300	-5	20	12	3800	12		-5	78	-2	15	20
3441	RA061	35.8952	80.0159	.	-0.5		.	1.0	.	20	16	22	4000	-5	800	5	-5	67	3300	-10		-5	112	-2	25	92
3442	RW001	35.7392	80.4817	.	-0.5		.	1.5	.	9	-5	8	27000	-5	2450	-5	10	10	4200	12		-5	178	-2	-5	45
3443	RW002	35.7449	80.5066	.	.		.	1.8	.	.	5	.	14000	-5	5315	.	.	.	3800	.		.	436	.	.	.
3444	RW003	35.7351	80.5582	.	0.5		.	2.0	.	6	-5	5	31000	5	1850	-5	15	12	3100	10		-5	141	-2	-5	26
3445	RW004	35.7157	80.5773	.	-0.5		.	1.5	.	9	8	9	12000	-5	3650	-5	-5	7	3000	-10		-5	185	-2	5	19
3446	RW005	35.7260	80.5956	.	-0.5		.	1.0	.	6	9	6	1000	-5	3100	-5	5	6	2300	-10		-5	207	-2	-5	7
3447	RW006	35.7420	80.5887	.	0.5		.	0.5	.	8	8	6	11000	-5	3000	-5	5	9	3100	-10		-5	262	-2	-5	12
3448	RW007	35.7594	80.5522	.	0.5		.	1.5	.	6	-5	5	22000	-5	2300	-5	10	10	4200	-10		-5	185	-2	5	16
3449	RW008	35.7834	80.5717	.	-0.5		.	1.0	.	13	8	12	11000	-5	3850	-5	-5	7	3200	-10		-5	203	-2	15	14
3450	RW009	35.8165	80.6093	.	-0.5		.	1.0	.	32	8	20	2000	-5	5050	16	-5	40	3500	12		-5	105	-2	16	50
3451	RW010	35.8246	80.6702	.	-0.5		.	1.0	.	11	-5	11	2000	-5	3200	5	-5	11	3300	12		-5	190	-2	5	16
3452	RW011	35.8453	80.6836	.	-0.5		.	0.5	.	20	12	16	1000	-5	4150	-5	-5	18	2600	-10		-5	195	-2	-5	24
3453	RW012	35.8073	80.6567	.	-0.5		.	1.0	.	23	6	17	2000	-5	3700	-5	10	12	5100	-10		10	191	-2	5	25

SALISBURY 100K QUADRANGLE - SUPPLEMENTAL STREAM SEDIMENT

Lab #	County ID	Lat	Long	Ux	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
3454	RW013	35.7985	80.6401	.	-0.5		.	1.0	.	17	7	13	1000	-5	3200	5	95	12	4600	-10		-5	163	-2	20	20
3455	RW014	35.7559	80.6357	.	-0.5		.	1.0	.	5	6	6	5000	-5	2550	5	5	6	5700	12		-5	270	-2	20	17
3456	RW015	35.7849	80.7060	.	-0.5		.	1.0	.	11	-5	8	2000	-5	3000	-5	35	7	4200	12		15	183	-2	-5	13
3457	RW016	35.7671	80.7210	.	-0.5		.	1.0	.	20	13	19	7000	-5	3750	-5	20	64	4200	15		11	117	-2	58	94
3458	RW017	35.7854	80.6763	.	-0.5		.	0.5	.	6	6	8	2000	-5	3150	5	-5	6	3300	10		-5	178	-2	25	12
3459	RW018	35.7445	80.6807	.	-0.5		.	1.0	.	9	5	12	13000	-5	2300	-5	10	22	3700	-10		5	81	-2	45	87
3460	RW019	35.6590	80.3728	.	0.5		.	1.0	.	21	7	15	3000	-5	2350	5	-5	8	4600	-10		-5	100	-2	-5	25
3461	RW020	35.6324	80.3460	.	0.5		.	1.0	.	12	15	17	3000	-5	2500	-5	5	7	5000	12		5	-50	-2	25	23
3462	RW021	35.5932	80.2760	.	0.5		.	1.5	.	24	20	16	7000	13	2350	-5	-5	19	4600	20		5	-50	-2	5	61
3463	RW022	35.5738	80.2436	.	0.5		.	2.0	.	29	-5	15	7000	20	1350	-5	30	15	1100	17		-5	-50	-2	25	50
3464	RW023	35.5457	80.2391	.	0.5		.	2.0	.	12	8	16	11000	23	2650	-5	5	16	4300	25		-5	-50	-2	5	42
3465	RW024	35.5304	80.2393	.	0.7		.	2.0	.	19	29	16	7000	14	2500	-5	50	16	4600	37		5	-50	2	25	60
3466	RW025	35.5479	80.2771	.	0.5		.	1.5	.	20	10	14	6000	12	2550	-5	10	11	3800	30		5	-50	2	45	61
3467	RW026	35.5767	80.3230	.	0.5		.	1.5	.	27	13	15	7000	-5	2150	-5	-5	12	3900	25		15	60	-2	20	54
3468	RW027	35.5881	80.3591	.	0.5		.	0.5	.	21	12	13	2000	-5	2700	-5	-5	21	4600	17		10	161	-2	15	17
3469	RW028	35.5950	80.3533	.	0.5		.	1.5	.	30	19	16	3000	-5	2050	-5	-5	12	2300	20		15	117	-2	10	26
3470	RW029	35.6202	80.3362	.	0.5		.	1.0	.	20	8	18	2000	-5	2100	-5	-5	12	4200	22		-5	145	-2	25	31
3471	RW030	35.7001	80.3456	.	-0.5		.	1.0	.	10	7	6	6000	-5	5750	-5	55	6	2700	17		-5	62	-2	70	18
3472	RW031	35.6596	80.4227	.	-0.5		.	1.0	.	11	-5	7	12000	-5	2400	-5	10	10	3900	27		-5	97	-2	35	25
3473	RW032	35.6363	80.3937	.	-0.5		.	1.0	.	12	11	6	13000	-5	2300	-5	-5	6	5100	10		5	88	-2	5	13
3474	RW033	35.6114	80.3994	.	-0.5		.	0.5	.	9	5	10	5000	-5	2200	-5	25	5	4200	-10		10	101	-2	35	19
3475	RW034	35.6117	80.4154	.	-0.5		.	1.0	.	5	7	4	13000	-5	1150	5	25	-5	4600	-10		5	57	-2	20	22
3476	RW035	35.5878	80.4227	.	-0.5		.	1.0	.	-5	5	2	14000	-5	1200	5	5	-5	5700	-10		-5	50	-2	25	18
3477	RW036	35.6058	80.4647	.	-0.5		.	0.5	.	5	8	4	13000	-5	2350	5	10	-5	6200	-10		-5	174	-2	20	17
3478	RW037	35.5936	80.4865	.	-0.5		.	1.0	.	6	15	5	4000	-5	1500	5	60	-5	6200	-10		-5	179	-2	45	20
3479	RW038	35.5891	80.5319	.	-0.5		.	0.5	.	11	8	7	2000	-5	1700	-5	15	5	4600	-10		5	202	-2	10	16
3480	RW039	35.5670	80.5007	.	-0.5		.	0.5	.	9	7	7	3000	-5	1800	5	35	-5	3700	-10		-5	109	-2	45	11
3481	RW040	35.5563	80.5580	.	-0.5		.	1.0	.	10	9	12	3000	-5	2650	-5	-5	-5	6200	-10		-5	190	-2	20	18
3482	RW041	35.5279	80.5701	.	-0.5		.	1.0	.	11	24	9	7000	-5	2850	5	-5	5	6200	10		-5	149	-2	40	27
3483	RW042	35.5071	80.5604	.	-0.5		.	1.0	.	21	9	30	3000	-5	4000	5	5	11	600	-10		5	225	-2	20	51
3484	RW043	35.5161	80.5317	.	-0.5		.	0.5	.	34	19	20	2000	-5	4650	5	10	17	5100	-10		5	179	-2	20	29
3485	RW044	35.5301	80.5280	.	-0.5		.	1.0	.	28	7	25	2000	-5	2000	5	-5	16	3300	-10		-5	112	-2	35	32
3486	RW045	35.5045	80.4959	.	-0.5		.	1.0	.	-5	12	3	5000	-5	2550	-5	60	-5	3700	-10		-5	96	-2	25	9
3487	RW046	35.5347	80.4701	.	-0.5		.	3.0	.	-5	-5	3	29000	8	800	-5	70	-5	3500	-10		-5	-50	-2	65	27
3488	RW047	35.5596	80.4583	.	-0.5		.	0.5	.	-5	-5	2	20000	-5	800	5	40	-5	3600	-10		-5	-50	-2	35	13
3489	RW048	35.5409	80.4195	.	-0.5		.	0.5	.	19	13	15	5000	-5	2100	5	5	5	3000	-10		5	85	-2	20	24
3490	RW049	35.5201	80.4086	.	-0.5		.	1.0	.	32	20	37	3000	-5	1900	-5	5	17	2700	10		-5	-50	-2	10	38
3491	RW050	35.5142	80.3533	.	-0.5		.	1.0	.	19	8	36	7000	5	1300	-5	20	16	3300	22		5	-50	-2	10	185

SALISBURY 100K QUADRANGLE - SUPPLEMENTAL STREAM SEDIMENT

Lab #	County ID	Lat	Long	Ux	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
3492	RW051	35.5140	80.2767	.	-0.5		.	1.0	.	15	36	13	5000	-5	2100	-5	20	15	3700	15		-5	-50	-2	15	65
3493	RW052	35.5717	80.3031	.	-0.5		.	1.0	.	13	23	12	6000	10	1600	-5	5	12	2800	15		5	-50	-2	25	40
3494	RW053	35.5603	80.3565	.	-0.5		.	0.5	.	-5	15	6	11000	-5	650	-5	15	5	3000	15		-5	-50	-2	-5	20
3495	RW054	35.5435	80.3716	.	-0.5		.	0.5	.	8	16	9	3000	-5	2050	5	30	5	4200	-10		-5	90	-2	35	14
3496	RW055	35.5678	80.3917	.	-0.5		.	0.5	.	8	11	8	3000	-5	2000	5	5	-5	3900	-10		-5	61	-2	10	9
3497	RW056	35.6920	80.5342	.	-0.5		.	1.0	.	-5	-5	3	29000	-5	1150	5	-5	-5	6200	-10		10	133	-2	-5	15
3498	RW057	35.6709	80.5294	.	-0.5		.	1.0	.	14	5	11	7000	-5	1850	-5	20	15	6200	10		5	92	-2	-5	22
3499	RW058	35.6924	80.6040	.	-0.5		.	1.0	.	12	15	5	2000	-5	7600	-5	5	-5	1800	-10		-5	78	2	5	13
3500	RW059	35.6895	80.6978	.	-0.5		.	1.0	.	67	5	49	2000	-5	800	5	20	13	2800	-10		-5	-50	-2	20	30
3501	RW060	35.7141	80.6700	.	-0.5		.	0.5	.	15	11	9	2000	-5	2650	-5	45	5	2900	-10		-5	105	-2	5	16
3502	RW061	35.7147	80.7060	.	-0.5		.	1.0	.	13	-5	12	13000	-5	1900	5	5	-5	3500	10		5	121	-2	-5	38
3503	RW062	35.7186	80.7443	.	-0.5		.	0.5	.	-5	-5	2	27000	-5	1250	-5	-5	5	2900	-10		5	182	-2	35	12
3504	RW063	35.6924	80.7381	.	-0.5		.	1.0	.	-5	7	4	25000	-5	1100	-5	5	-5	3200	10		-5	118	-2	10	19
3505	RW064	35.6684	80.7505	.	-0.5		.	1.0	.	-5	6	5	18000	-5	1100	5	-5	-5	4200	-10		-5	126	-2	10	17
3506	RW065	35.6321	80.7512	.	-0.5		.	1.5	.	5	7	5	28000	-5	1100	5	15	7	4600	15		20	125	-2	-5	27
3507	RW066	35.6058	80.7236	.	-0.5		.	2.0	.	10	7	16	20000	-5	1250	5	5	8	4200	10		5	61	-2	35	39
3508	RW067	35.5544	80.6574	.	-0.5		.	1.5	.	8	-5	6	27000	-5	650	-5	5	-5	3700	15		15	112	-2	20	42
3509	RW068	35.6156	80.5538	.	-0.5		.	0.5	.	26	13	19	2000	-5	3500	-5	5	8	1800	-10		15	161	-2	20	29
3510	RW069	35.5936	80.5860	.	-0.5		.	1.0	.	6	5	8	14000	-5	650	-5	-5	6	6200	10		20	84	-2	10	24
3511	RW070	35.5856	80.6248	.	-0.5		.	1.5	.	5	-5	9	25000	-5	200	-5	-5	5	3700	-10		15	108	-2	-5	16
3512	RW071	35.5645	80.6209	.	-0.5		.	1.0	.	-5	5	3	32000	-5	300	-5	-5	7	4600	-10		15	126	-2	20	18
3513	RW072	35.5234	80.7012	.	-0.5		.	1.5	.	-5	-5	3	36000	-5	200	5	-5	-5	3900	-10		-5	128	-2	5	20
3514	RW073	35.5367	80.7229	.	-0.5		.	1.0	.	-5	-5	9	25000	-5	1600	-5	-5	5	4200	-10		35	106	-2	5	17
3515	RW074	35.5524	80.7210	.	-0.5		.	1.0	.	-5	9	4	33000	-5	2150	-5	5	10	1700	10		-5	419	-2	10	20
3516	RW075	35.5878	80.6644	.	-0.5		.	1.5	.	-5	-5	3	35000	5	2700	-5	20	-5	900	15		-5	716	-2	15	20
3517	RW076	35.6024	80.7163	.	-0.5		.	0.5	.	7	7	8	12000	-5	4700	5	-5	-5	1100	10		5	252	-2	10	14
	RW077	35.6273	80.7142	.	-0.5		.	1.5	.	-5	-5	3	43000	-5	3800	-5	5	-5	1700	-10		-5	1141	-2	20	10
	RW078	35.6539	80.7128	.	-0.5		.	1.5	.	6	8	3	35000	-5	3900	5	20	-5	2300	-10		-5	702	-2	20	17
	RW079	35.6541	80.6745	.	-0.5		.	0.5	.	5	6	6	20000	-5	2250	5	10	5	1100	12		-5	234	-2	15	14
	RW080	35.6236	80.6629	.	-0.5		.	0.5	.	-5	-5	4	15000	-5	4500	5	5	-5	2500	10		-5	382	-2	25	20
	RW081	35.6489	80.6271	.	-0.5		.	0.5	.	14	-5	14	7000	5	4500	5	5	-5	3300	15		-5	154	-2	5	21
	RW082	35.6150	80.6195	.	-0.5		.	0.5	.	10	-5	7	5000	-5	7400	5	-5	-5	1700	-10		-5	145	-2	25	14
	RW083	35.6231	80.5146	.	-0.5		.	0.5	.	5	7	5	2000	-5	7500	-5	40	5	1200	12		-5	298	-2	-5	9
	RW084	35.6396	80.5299	.	-0.5		.	0.5	.	29	7	19	2000	-5	3100	-5	80	7	1200	10		10	96	-2	-5	31
	RW085	35.6270	80.5721	.	-0.5		.	0.5	.	10	5	9	2000	-5	3250	-5	110	5	1000	-10		-5	63	-2	-5	11

SALISBURY 100K QUADRANGLE - GROUNDWATER

Lab #	County ID	Lat	Long	pH	Cond um/cm	U ppb	Br ppb	Cl ppb	F ppb	Mg ppb	Mn ppb	Na ppb	V ppb	U/cond x 1000	Al ppb	Dy ppb
1413	CT537	35.6706	80.9930	6.0	78	0.030	14	10800	.	6610	8	M	-0.1	0.3	34	0.220
1414	CT538	35.6297	80.9876	6.3	30	0.025	30	4900	.	1490	11	1670	0.2	0.8	27	-0.001
1415	CT539	35.6235	80.9275	6.3	60	0.081	24	4600	39	1130	12	6480	1.7	1.3	23	0.030
1416	CT540	35.5845	80.9964	5.8	25	0.023	29	5500	.	890	.	2870	0.3	0.9	23	-0.001
1621	DE501	35.8518	80.6302	6.7	80	0.047	42	7100	28	.	22	7030	6.4	0.5	41	-0.001
1622	DE502	35.8555	80.5831	6.1	36	0.037	23	4300	.	910	.	1960	-0.1	1.0	53	-0.001
1623	DE503	35.8875	80.5640	6.2	95	1.316	24	10800	.	2030	.	9380	1.2	13.8	30	-0.001
1624	DE504	35.9040	80.6436	6.5	120	0.048	39	6200	65	4330	.	7180	7.8	0.4	33	-0.001
1625	DE505	35.9043	80.6868	6.3	63	0.080	.	4000	27	1970	14	M	-0.1	1.2	47	-0.001
1626	DE506	35.9447	80.6883	6.7	75	0.053	8	3700	.	4370	.	5620	1.8	0.7	30	-0.001
1627	DE507	35.9476	80.6317	6.2	58	0.035	13	6100	49	1320	3	4070	0.9	0.6	29	-0.001
1628	DE508	35.9895	80.6386	6.0	37	0.040	4	4500	8	460	4	3740	-0.1	1.0	33	-0.001
1629	DE509	35.9878	80.6895	5.8	34	0.031	.	4100	27	340	11	800	0.2	0.9	36	0.080
1636	DE516	35.9914	80.4652	6.5	56	0.028	.	4400	20	.	18	2470	0.9	0.5	25	-0.001
1637	DE517	35.9431	80.5231	6.0	415	0.555	.	M	.	M	61	M	-0.1	1.3	13	-0.001
1638	DE518	35.9874	80.5124	6.9	305	0.719	.	28100	.	21350	151	11220	8.9	2.3	33	-0.001
1639	DE519	35.9946	80.5734	6.6	100	0.041	44	5900	.	3390	24	6230	7.0	0.4	31	-0.001
1640	DE520	35.9454	80.5877	7.0	132	0.031	.	8000	368	6200	44	16820	17.5	0.2	33	-0.001
1641	DE521	35.9701	80.4268	7.3	310	1.253	62	9500	.	13770	.	17560	8.6	4.0	25	-0.001
1642	DE522	35.9453	80.4197	6.2	61	0.042	19	6800	50	820	2	5870	0.8	0.6	37	-0.001
1643	DE523	35.9476	80.4549	5.9	40	0.032	13	4800	26	1570	31	1630	0.4	0.8	29	-0.001
1644	DE524	35.8958	80.4100	6.2	48	0.021	15	5700	.	.	8	5170	0.8	0.4	29	-0.001
1645	DE525	35.8551	80.4131	6.3	40	0.039	12	5700	69	410	7	5660	0.5	0.9	34	-0.001
1646	DE526	35.9091	80.4633	6.4	72	0.038	13	4000	29	670	7	950	2.4	0.5	26	-0.001
1647	DE527	35.8634	80.4702	6.7	31	0.058	.	5900	43	1040	15	3080	0.2	1.8	148	-0.001
1648	DE528	35.8192	80.5192	6.4	68	0.055	83	13100	158	4240	.	8910	2.1	0.8	50	-0.001
1649	DE529	35.8541	80.5254	6.1	130	0.040	32	9600	.	5460	.	6140	1.9	0.3	48	-0.001
1650	DE530	35.8817	80.5109	6.3	77	0.070	.	4200	64	1020	7	3980	1.7	0.9	29	-0.001
1846	DV501	35.9610	80.3538	6.4	135	0.014	23	13100	.	1600	22	10890	-0.1	0.1	38	0.070
1847	DV502	35.9001	80.3495	6.1	51	0.022	24	5200	113	740	.	6040	1.0	0.4	27	-0.001
1848	DV503	35.7561	80.3536	6.9	90	0.043	23	4600	24	.	7	910	0.5	0.4	404	0.060
1849	DV504	35.7553	80.4031	6.7	50	3.924	.	4500	39	1900	13	4330	1.0	78.4	35	-0.001
1850	DV505	35.8024	80.3953	6.8	40	0.075	14	4700	100	1970	.	2640	0.5	1.8	29	-0.001
1851	DV506	35.8102	80.3534	6.1	40	0.084	31	5500	.	1130	8	4510	-0.1	2.1	22	-0.001
1852	DV507	35.8499	80.3382	6.2	110	0.033	.	8900	71	470	7	7710	1.4	0.3	43	-0.001
1853	DV508	35.8563	80.3033	6.2	90	0.033	16	7600	.	570	13	4420	0.1	0.3	29	-0.001
1854	DV509	35.8121	80.3066	6.5	132	0.023	.	21600	.	.	29	6190	1.8	0.1	29	-0.001
1855	DV510	35.7273	80.3497	6.2	33	0.043	.	5900	.	1330	11	1750	1.7	1.3	1094	-0.001

SALISBURY 100K QUADRANGLE - GROUNDWATER

Lab #	County ID	Lat	Long	pH	Cond um/cm	U ppb	Br ppb	Cl ppb	F ppb	Mg ppb	Mn ppb	Na ppb	V ppb	U/cond x 1000	Al ppb	Dy ppb
1856	DV511	35.8989	80.2911	6.5	62	0.036	40	9800	.	620	4	6630	1.2	0.5	140	0.050
1857	DV512	35.9560	80.3060	6.2	54	0.042	.	6600	.	600	.	6400	0.3	0.7	60	-0.001
1858	DV513	35.9960	80.2899	6.1	118	0.019	41	6800	60	1360	26	7930	0.2	0.1	48	-0.001
1859	DV514	35.9916	80.2531	6.1	182	0.023	29	7300	.	1740	.	5340	0.4	0.1	64	-0.001
1860	DV515	35.9566	80.2418	6.1	55	0.024	30	4500	.	840	16	1490	-0.1	0.4	46	0.030
1861	DV516	35.9011	80.2419	7.1	115	0.156	.	10700	.	690	10	7320	0.5	1.3	443	-0.001
1862	DV517	35.8522	80.2320	7.1	210	0.267	47	14000	.	12240	86	7400	8.6	1.2	71	-0.001
1863	DV518	35.7606	80.2935	6.0	60	0.077	38	11300	.	.	51	8040	0.6	1.2	583	-0.001
1864	DV519	35.7182	80.2926	6.6	52	0.041	20	4400	15	1540	3	4460	2.9	0.7	54	-0.001
1865	DV520	35.7696	80.1847	6.6	132	0.026	17	7000	80	6760	5	6810	1.4	0.2	25	-0.001
1866	DV521	35.7260	80.2014	7.0	110	0.018	18	4800	49	7880	.	4300	1.0	0.1	76	-0.001
1867	DV522	35.6665	80.2141	6.4	67	0.031	27	5500	.	1420	21	3600	0.4	0.4	138	0.040
1868	DV523	35.6443	80.2208	6.0	85	0.042	.	7700	.	2650	71	3460	1.9	0.4	1024	-0.001
1869	DV524	35.6330	80.1796	6.4	245	0.022	.	11000	.	16610	.	11770	0.4	0.0	53	-0.001
1870	DV525	35.5818	80.1742	7.2	355	0.173	92	13100	.	20970	.	7650	2.6	0.4	56	-0.001
1871	DV526	35.8730	80.1921	7.7	440	0.076	.	30200	.	6030	43	34940	9.7	0.1	33	-0.001
1872	DV527	35.8967	80.1717	7.0	315	0.072	79	17600	.	13360	.	23240	14.1	0.2	126	0.060
1873	DV528	35.8994	80.1479	6.7	175	0.018	18	10400	.	2610	22	21190	6.0	0.1	140	-0.001
1874	DV529	35.9531	80.1360	6.9	320	0.714	.	15900	.	15430	.	14950	9.8	2.2	230	-0.001
1875	DV530	35.9551	80.1909	7.7	263	4.830	42	6700	71	13020	7	8130	-0.1	18.3	118	-0.001
1876	DV531	35.9966	80.1756	6.5	63	0.069	13	4600	12	1360	14	4810	1.5	1.1	65	-0.001
1878	DV533	35.9823	80.0661	7.4	290	0.662	.	15400	.	.	54	M	-0.1	2.2	9	-0.001
1879	DV534	35.9588	80.0685	6.9	62	0.029	39	6500	.	1920	42	5740	1.0	0.4	601	0.090
1880	DV535	35.9214	80.1119	6.9	790	3.103	556	M	.	19180	.	M	-0.1	3.9	.	-0.001
1881	DV536	35.8482	80.0784	6.6	90	0.095	61	10100	.	5750	.	5560	0.5	1.0	96	-0.001
1882	DV537	35.8152	80.0882	6.9	150	0.021	.	6800	37	3840	.	4500	0.7	0.1	47	-0.001
1883	DV538	35.8447	80.1262	6.0	170	0.017	105	19200	.	2840	.	M	0.3	0.1	58	-0.001
1884	DV539	35.8244	80.1328	6.7	319	0.054	166	30500	.	11150	17	15980	-0.1	0.1	80	0.080
1885	DV540	35.5353	80.1832	7.0	102	0.010	39	5200	79	3440	.	6100	0.3	0.1	44	0.040
1886	DV541	35.5333	80.1256	7.7	249	0.472	116	25500	.	12670	187	13730	-0.1	1.9	16	-0.001
1887	DV542	35.5547	80.0818	6.6	90	0.022	15	4100	195	2170	138	6370	-0.1	0.2	24	-0.001
1888	DV543	35.5836	80.0754	7.0	115	0.020	19	6500	.	6930	13	3840	0.8	0.1	20	-0.001
1889	DV544	35.5903	80.1212	7.1	355	0.266	64	10800	.	19830	.	10470	2.7	0.7	18	-0.001
1890	DV545	35.6342	80.1291	7.5	600	0.332	54	11900	.	21700	.	23300	-0.1	0.5	22	-0.001
1891	DV546	35.6254	80.0886	7.1	900	0.862	.	30500	.	34270	.	5300	4.9	0.9	22	-0.001
1892	DV547	35.8372	80.2404	6.6	79	0.015	22	4400	.	3660	.	4520	3.5	0.1	55	-0.001
1893	DV548	35.8165	80.1702	6.6	79	0.017	8	4800	29	2010	14	2380	1.3	0.2	40	-0.001
1894	DV549	35.7772	80.1411	6.9	165	-0.002	.	M	.	M	.	M	-0.1	0.0	.	-0.001

SALISBURY 100K QUADRANGLE - GROUNDWATER

Lab #	County ID	Lat	Long	pH	Cond um/cm	U ppb	Br ppb	Cl ppb	F ppb	Mg ppb	Mn ppb	Na ppb	V ppb	U/cond x 1000	Al ppb	Dy ppb
1895	DV550	35.7612	80.0879	6.7	70	0.022	7	5500	36	3500	.	2780	2.5	0.3	33	-0.001
1896	DV551	35.7245	80.0911	7.2	165	0.044	13	5300	73	5780	.	5600	1.9	0.2	196	-0.001
1897	DV552	35.6794	80.0835	7.2	250	0.022	.	15500	.	14690	.	M	0.7	0.0	165	-0.001
1898	DV553	35.6791	80.1147	6.5	70	0.025	23	7000	.	.	14	M	-0.1	0.3	155	-0.001
1899	DV554	35.7185	80.1384	7.2	125	0.014	.	4500	21	2000	.	4280	0.4	0.1	83	-0.001
1900	DV555	35.6811	80.2017	6.6	48	0.026	19	6900	139	4670	.	7290	0.8	0.5	139	-0.001
1901	DV556	35.6987	80.2227	6.4	42	0.018	.	4800	17	2070	.	2330	0.5	0.4	298	-0.001
1902	DV557	35.7586	80.2457	6.4	100	0.020	.	7700	49	1960	6	7960	0.8	0.2	32	-0.001
2002	FO520	35.9981	80.2349	8.5	100	0.058	64	15900	263	.	106	14740	0.5	0.5	84	-0.001
2004	FO522	35.9990	80.3416	7.1	60	-0.002	15	8500	126	.	105	8750	2.0	0.0	72	-0.001
2763	IR501	35.8487	80.8624	6.1	52	0.036	.	8000	.	.	18	7000	0.9	0.6	44	0.080
2764	IR502	35.8625	80.9154	6.8	112	0.031	46	11000	46	5920	.	6530	1.2	0.2	39	0.070
2765	IR503	35.8679	80.9671	7.0	95	0.047	42	4900	162	2540	49	3950	-0.1	0.4	30	-0.001
2767	IR505	35.9050	80.9628	6.7	72	0.030	30	4500	10	.	27	4150	2.7	0.4	24	-0.001
2768	IR506	35.9514	80.9688	7.2	85	0.119	29	4100	.	2090	30	3100	0.6	1.4	27	-0.001
2769	IR507	35.9894	80.9834	6.7	51	0.061	.	11200	.	9820	69	8470	1.4	1.2	29	-0.001
2772	IR510	35.9895	80.9186	6.1	30	0.037	55	5100	.	.	10	M	-0.1	1.2	35	0.060
2773	IR511	35.9534	80.9154	6.4	20	0.024	30	4100	36	.	10	450	-0.1	1.2	27	-0.001
2774	IR512	35.9024	80.9204	7.0	55	0.034	48	5100	52	2720	1	3440	7.3	0.6	35	-0.001
2775	IR513	35.8972	80.8666	7.7	110	0.041	38	6000	131	1650	34	7530	0.1	0.3	27	-0.001
2776	IR514	35.9484	80.8617	7.1	85	0.057	37	4900	77	3790	9	5590	4.4	0.6	32	-0.001
2777	IR515	35.9920	80.8501	6.0	17	0.037	37	4300	.	950	7	M	0.1	2.1	35	0.020
2780	IR518	35.9910	80.7940	5.6	45	0.044	27	4700	52	2670	19	3870	3.5	0.9	41	-0.001
2781	IR519	35.9521	80.8080	6.6	51	0.036	.	8300	.	1450	27	M	-0.1	0.7	95	0.100
2782	IR520	35.9043	80.8115	6.8	50	0.034	34	4600	13	2040	25	1620	0.3	0.6	39	-0.001
2783	IR521	35.8640	80.7958	6.6	61	0.086	.	12200	.	1370	14	5600	-0.1	1.4	40	0.050
2784	IR522	35.8625	80.7424	6.1	35	0.033	45	5400	.	680	19	2230	0.9	0.9	37	0.020
2785	IR523	35.9001	80.7430	6.4	110	0.044	.	14300	.	5290	.	7740	0.8	0.4	21	-0.001
2786	IR524	35.9440	80.7417	5.6	21	0.019	29	5200	22	800	12	M	-0.1	0.9	32	-0.001
2787	IR525	35.9875	80.7484	6.5	59	0.056	36	4500	37	2410	.	3750	1.1	0.9	26	-0.001
2788	IR526	35.8030	80.8532	7.7	180	1.227	.	7300	.	5230	.	13090	1.7	6.8	19	-0.001
2789	IR527	35.8054	80.8023	7.1	60	0.019	41	6000	.	490	5	1230	0.2	0.3	16	0.030
2790	IR528	35.8044	80.7452	7.0	112	0.050	41	6100	.	7300	52	6420	17.3	0.4	31	-0.001
2791	IR529	35.7633	80.7459	6.7	285	0.038	.	7400	.	14150	135	15790	10.7	0.1	14	-0.001
2792	IR530	35.7659	80.8030	6.7	74	0.025	20	1500	105	3310	.	5990	3.1	0.3	18	-0.001
2793	IR531	35.7592	80.8631	6.9	45	0.503	41	5400	50	2010	.	2700	7.2	11.1	15	-0.001
2794	IR532	35.7630	80.9149	7.0	111	0.033	39	5700	60	1860	188	5880	-0.1	0.3	15	-0.001
2795	IR533	35.7668	80.9697	7.2	85	0.084	25	3800	73	5100	.	4990	1.2	0.9	14	0.030

SALISBURY 100K QUADRANGLE - GROUNDWATER

Lab #	County ID	Lat	Long	pH	Cond um/cm	U ppb	Br ppb	Cl ppb	F ppb	Mg ppb	Mn ppb	Na ppb	V ppb	U/cond x 1000	Al ppb	Dy ppb
2796	IR534	35.5349	80.8573	6.5	60	0.034	67	5500	.	.	24	M	-0.1	0.5	30	0.040
2797	IR535	35.5382	80.8071	6.8	96	0.041	.	6000	75	.	26	6870	10.2	0.4	18	2.200
2798	IR536	35.5372	80.7569	6.7	68	0.025	50	5900	26	2420	2	4950	1.2	0.3	11	-0.001
2799	IR537	35.5761	80.7900	6.6	45	0.029	34	5100	54	.	8	5050	1.5	0.6	15	-0.001
2800	IR538	35.5835	80.8624	6.5	40	-0.002	.	M	.	M	.	M	-0.1	0.0	.	-0.001
2801	IR539	35.5266	80.9193	6.4	24	-0.002	.	M	.	M	.	M	-0.1	0.0	.	-0.001
2802	IR540	35.5868	80.9184	6.8	90	-0.002	.	M	.	M	.	M	-0.1	0.0	.	-0.001
2803	IR541	35.6287	80.7988	7.2	105	-0.002	.	M	.	M	.	M	-0.1	0.0	.	-0.001
2804	IR542	35.6222	80.8816	6.9	75	0.173	.	3900	18	2710	20	4500	3.6	2.3	12	-0.001
2805	IR543	35.6221	80.9191	6.5	65	0.034	29	4500	74	2040	14	6670	2.1	0.5	11	-0.001
2806	IR544	35.6689	80.8627	6.7	45	0.041	.	3800	.	1100	8	2980	1.6	0.9	15	-0.001
2807	IR545	35.6727	80.7990	7.0	42	0.073	33	4300	87	510	4	4350	2.1	1.7	14	-0.001
2808	IR546	35.7202	80.8046	7.3	82	0.095	31	4700	79	3110	.	4220	11.7	1.1	18	-0.001
2809	IR547	35.7124	80.8649	7.1	50	0.074	46	4700	21	.	11	5580	5.3	1.4	15	-0.001
2811	IR549	35.8128	80.9154	6.2	60	0.034	37	6400	.	2790	4	2670	-0.1	0.5	17	-0.001
2812	IR550	35.8045	80.9746	6.8	55	0.044	28	4900	70	3320	.	3040	4.9	0.8	19	-0.001
2817	IR555	35.7218	80.9697	6.7	26	0.035	54	4800	29	1240	10	1900	0.2	1.3	15	-0.001
2818	IR556	35.7236	80.9167	6.9	46	0.019	.	5500	131	1170	2	3710	2.4	0.4	17	-0.001
2819	IR557	35.6711	80.9584	6.5	110	0.019	61	13600	.	2630	6	9220	0.3	0.1	15	-0.001
2820	IR558	35.6696	80.9131	7.0	60	0.039	.	4900	84	2050	.	4100	5.4	0.6	13	-0.001
3018	L1506	35.5303	80.9993	6.4	62	0.022	14	5300	111	3110	.	7750	1.9	0.3	31	-0.001
4276	RA542	35.7239	80.0160	7.4	310	0.059	186	16700	.	18990	304	14780	-0.1	0.1	34	-0.001
4277	RA543	35.7697	80.0144	7.0	90	0.030	.	13500	.	2100	119	5520	-0.1	0.3	41	-0.001
4278	RA544	35.8174	80.0114	6.8	360	0.027	.	M	.	19760	139	M	-0.1	0.0	6	-0.001
4279	RA545	35.8600	80.0064	7.2	305	0.445	.	44600	.	.	150	10650	0.6	1.4	13	7.730
4280	RA546	35.9098	80.0180	7.0	240	0.080	.	17200	.	18100	.	15350	0.3	0.3	25	0.120
4304	RA570	35.6819	80.0190	7.4	130	0.051	200	22000	.	9360	.	17980	0.5	0.3	73	-0.001
4307	RA573	35.6375	80.0004	7.3	160	0.017	143	M	.	M	152	M	-0.1	0.1	9	-0.001
4308	RA574	35.5891	80.0160	6.7	50	0.030	122	15100	.	3020	.	1820	0.2	0.6	10	-0.001
4309	RA575	35.5480	80.0098	7.7	190	0.584	120	18400	.	3500	.	11710	-0.1	3.0	14	-0.001
4655	RW501	35.6718	80.4142	6.6	220	0.025	.	32700	.	10320	.	16580	8.5	0.1	170	0.090
4656	RW502	35.7115	80.4082	6.3	32	0.422	.	6700	.	880	19	6280	0.5	13.1	16	-0.001
4657	RW503	35.7194	80.4677	6.8	100	0.107	.	6700	19	3460	.	9570	0.8	1.0	15	-0.001
4658	RW504	35.7725	80.5248	7.9	920	225.800	.	M	.	1240	33	M	-0.1	245.4	.	0.320
4659	RW505	35.7587	80.5727	7.3	48	1.188	.	5700	89	2380	.	4140	10.8	24.7	14	-0.001
4660	RW506	35.8073	80.5744	6.4	52	0.153	40	10100	.	.	27	9630	-0.1	2.9	15	-0.001
4661	RW507	35.8159	80.6313	7.1	150	0.125	50	15200	.	10020	.	6760	9.9	0.8	23	-0.001
4662	RW508	35.8171	80.6823	7.2	90	0.097	20	9100	99	6000	.	5230	8.4	1.0	29	-0.001

SALISBURY 100K QUADRANGLE - GROUNDWATER

Lab #	County ID	Lat	Long	pH	Cond um/cm	U ppb	Br ppb	Cl ppb	F ppb	Mg ppb	Mn ppb	Na ppb	V ppb	U/cond x 1000	Al ppb	Dy ppb
4663	RW509	35.8573	80.6802	7.0	108	0.043	.	7200	.	4860	34	7260	11.2	0.4	26	-0.001
4664	RW510	35.7609	80.6851	7.5	80	0.052	.	6400	62	4240	30	4000	16.6	0.6	23	-0.001
4665	RW511	35.7207	80.6803	7.3	50	0.037	24	5100	27	2000	.	4160	19.2	0.7	18	-0.001
4666	RW512	35.7127	80.7386	7.1	80	0.030	30	6500	173	4010	20	6820	4.2	0.3	26	-0.001
4667	RW513	35.6749	80.7507	6.6	48	0.037	21	5600	29	.	24	4060	0.3	0.7	18	-0.001
4668	RW514	35.6760	80.6925	7.1	160	0.085	.	13200	.	.	61	M	10.3	0.5	18	-0.001
4669	RW515	35.7137	80.5271	7.2	280	1.738	98	18900	378	.	152	M	3.1	6.2	19	-0.001
4670	RW516	35.7130	80.5816	6.2	110	0.096	.	20400	.	1400	28	9780	2.0	0.8	1506	-0.001
4671	RW517	35.7216	80.6408	6.8	140	0.040	.	14100	.	7220	.	7680	6.2	0.2	31	-0.001
4672	RW518	35.6673	80.6393	7.3	90	0.032	12	4700	11	5200	37	5120	16.7	0.3	21	-0.001
4673	RW519	35.6266	80.6432	6.9	80	0.066	15	6100	.	2980	24	6010	6.2	0.8	28	0.050
4674	RW520	35.6253	80.6948	7.5	100	0.697	24	5700	28	4670	33	5490	11.7	6.9	21	-0.001
4675	RW521	35.6315	80.7458	7.0	50	0.033	20	5500	245	.	15	4990	8.5	0.6	43	-0.001
4676	RW522	35.5791	80.6985	6.6	64	1.005	15	7000	50	.	26	7210	-0.1	15.7	36	-0.001
4677	RW523	35.5354	80.6867	6.5	33	2.312	36	5200	71	420	10	2860	-0.1	70.0	19	-0.001
4679	RW525	35.5269	80.5829	7.4	183	0.120	.	24700	.	10810	.	14250	4.0	0.6	415	-0.001
4680	RW526	35.5720	80.6369	6.6	60	0.073	40	7200	95	.	15	6400	0.7	1.2	42	-0.001
4681	RW527	35.5760	80.5836	6.4	170	0.059	25	20800	.	8540	60	12370	5.4	0.3	35	-0.001
4682	RW528	35.6269	80.5876	6.9	100	0.052	.	9000	.	.	37	7230	5.1	0.5	27	-0.001
4683	RW529	35.6742	80.5815	7.0	62	0.056	26	6800	88	2950	.	6480	6.1	0.9	28	-0.001
4684	RW530	35.7654	80.6269	7.0	392	1.879	.	41400	.	25560	181	23980	15.1	4.7	21	-0.001
4685	RW531	35.6644	80.5257	7.4	60	0.036	23	4800	.	2270	16	4500	8.8	0.6	22	0.040
4686	RW532	35.6218	80.5273	7.3	91	0.018	.	5100	124	6140	43	5530	42.9	0.2	26	-0.001
4687	RW533	35.5777	80.5241	6.8	100	0.029	15	5900	66	5100	7	9140	2.3	0.2	26	-0.001
4688	RW534	35.5266	80.5269	7.1	98	0.038	25	7200	74	8320	.	7510	1.3	0.3	20	-0.001
4689	RW535	35.5299	80.4701	6.4	110	0.042	24	16700	.	.	18	11960	0.9	0.3	19	-0.001
4691	RW537	35.5292	80.3595	6.5	65	0.147	71	11000	.	2180	21	8970	0.8	2.2	19	0.090
4692	RW538	35.5378	80.3014	7.0	96	0.047	19	6000	116	3490	.	7070	-0.1	0.4	85	-0.001
4694	RW540	35.5803	80.2473	6.8	50	0.065	19	10000	17	3560	.	4860	0.5	1.3	393	0.090
4695	RW541	35.5760	80.3032	8.3	246	1.565	17	10500	.	16240	29	20200	0.5	6.3	155	-0.001
4696	RW542	35.6153	80.3113	6.8	106	0.105	45	12000	104	.	33	9650	2.6	0.9	270	-0.001
4697	RW543	35.5777	80.3602	6.7	50	0.034	.	7000	.	1620	3	7320	0.9	0.6	26	-0.001
4698	RW544	35.5727	80.4172	6.2	68	0.040	10	13300	.	.	37	6600	1.2	0.5	307	0.080
4699	RW545	35.5826	80.4680	6.4	40	0.467	17	3400	181	.	3	5090	-0.1	11.6	42	-0.001
4700	RW546	35.6749	80.4721	7.3	415	3.603	.	27200	.	30020	222	16070	15.5	8.6	49	-0.001
4701	RW547	35.6173	80.4765	7.3	92	0.065	.	5800	76	7490	.	7670	1.3	0.7	22	-0.001
4702	RW548	35.6209	80.4211	5.5	40	0.107	24	9100	.	.	40	5120	-0.1	2.6	49	0.580
4703	RW549	35.6285	80.3635	7.1	92	0.050	28	7100	.	5750	15	6590	7.7	0.5	26	0.090

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4704	RW550	35.6684	80.3558	7.7	212	0.275	19	4900	.	.	115	M	18.7	1.3	22	-0.001
4705	RW551	35.7075	80.3544	7.1	62	0.028	.	4500	41	3300	23	6140	2.7	0.4	71	-0.001