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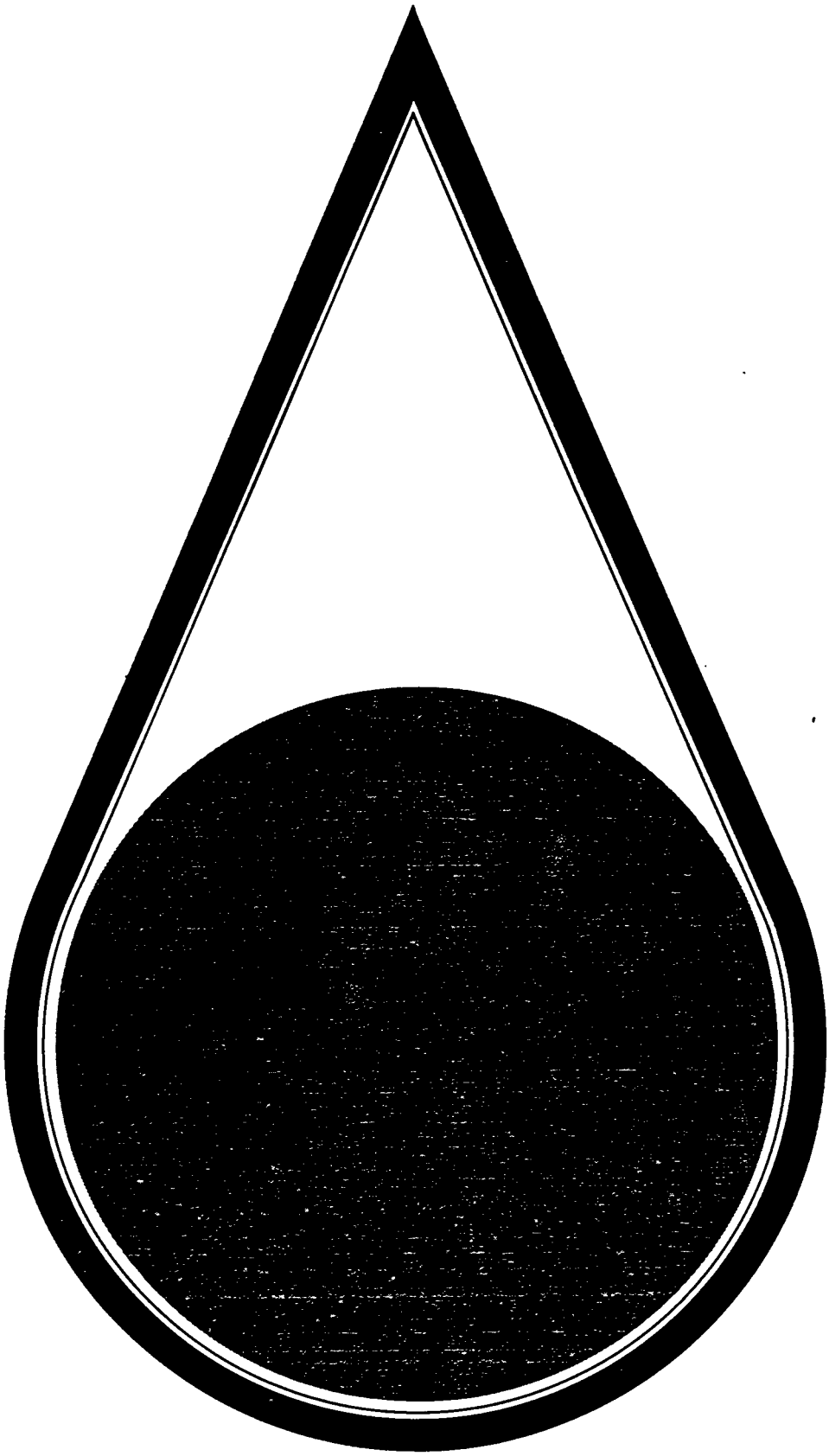
INSTREAM CONTAMINANT STUDY - TASK 2

SEDIMENT CHARACTERIZATION

VOLUME II - APPENDICES

Office of Natural Resources
and Economic Development
Tennessee Valley Authority



SEDIMENT CHARACTERIZATION

TASK 2

INSTREAM CONTAMINANT STUDY

APPENDICES

Prepared for

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Office of Natural Resources and Economic Development
Tennessee Valley Authority
April 1985

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APPENDIX I

INSTREAM CONTAMINANT STUDY - TASK 2

MERCURY CONTAMINATED SEDIMENT SAMPLING - RESULTS

FIGURES 1-30

MERCURY (μg/g) ASSOCIATED WITH THE
SEDIMENT FRACTION FINER THAN 500 μm

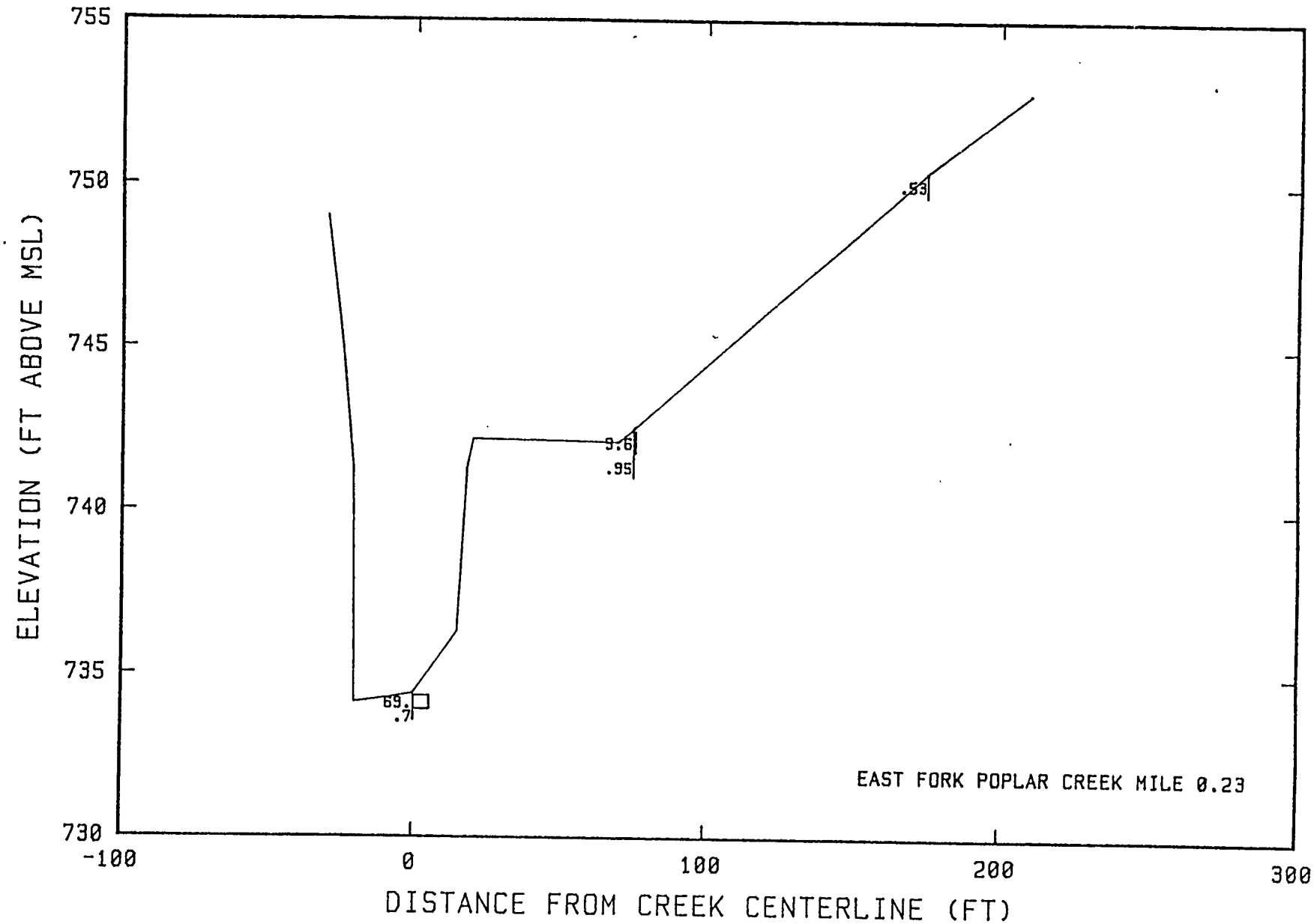

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FIG. 1

Mercury (ug/g) Associated With The Sediment Fraction Finer Than 500 um

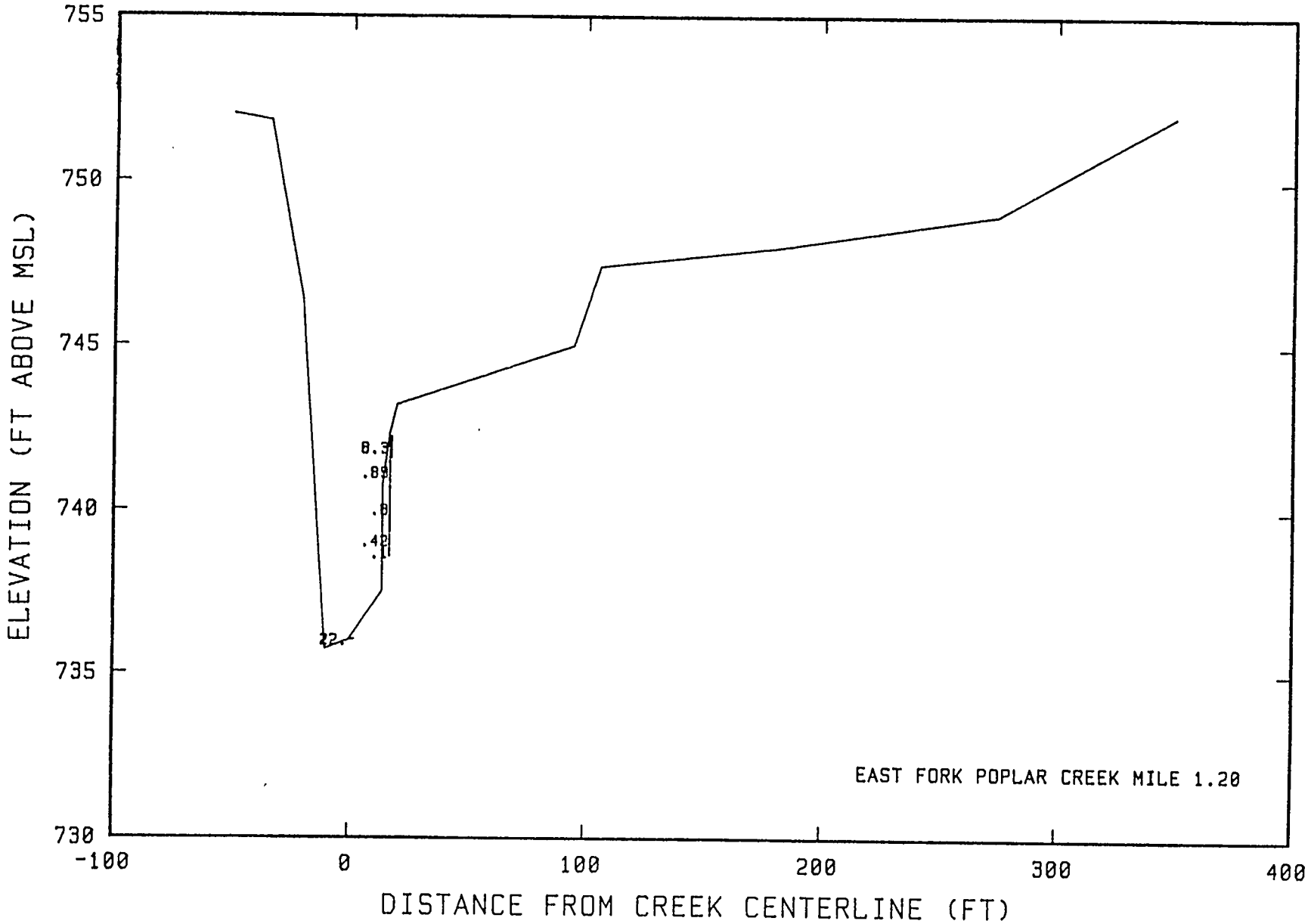

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FIG. 2

Mercury (ug/g) Associated With The Sediment Fraction Finer Than 500 um

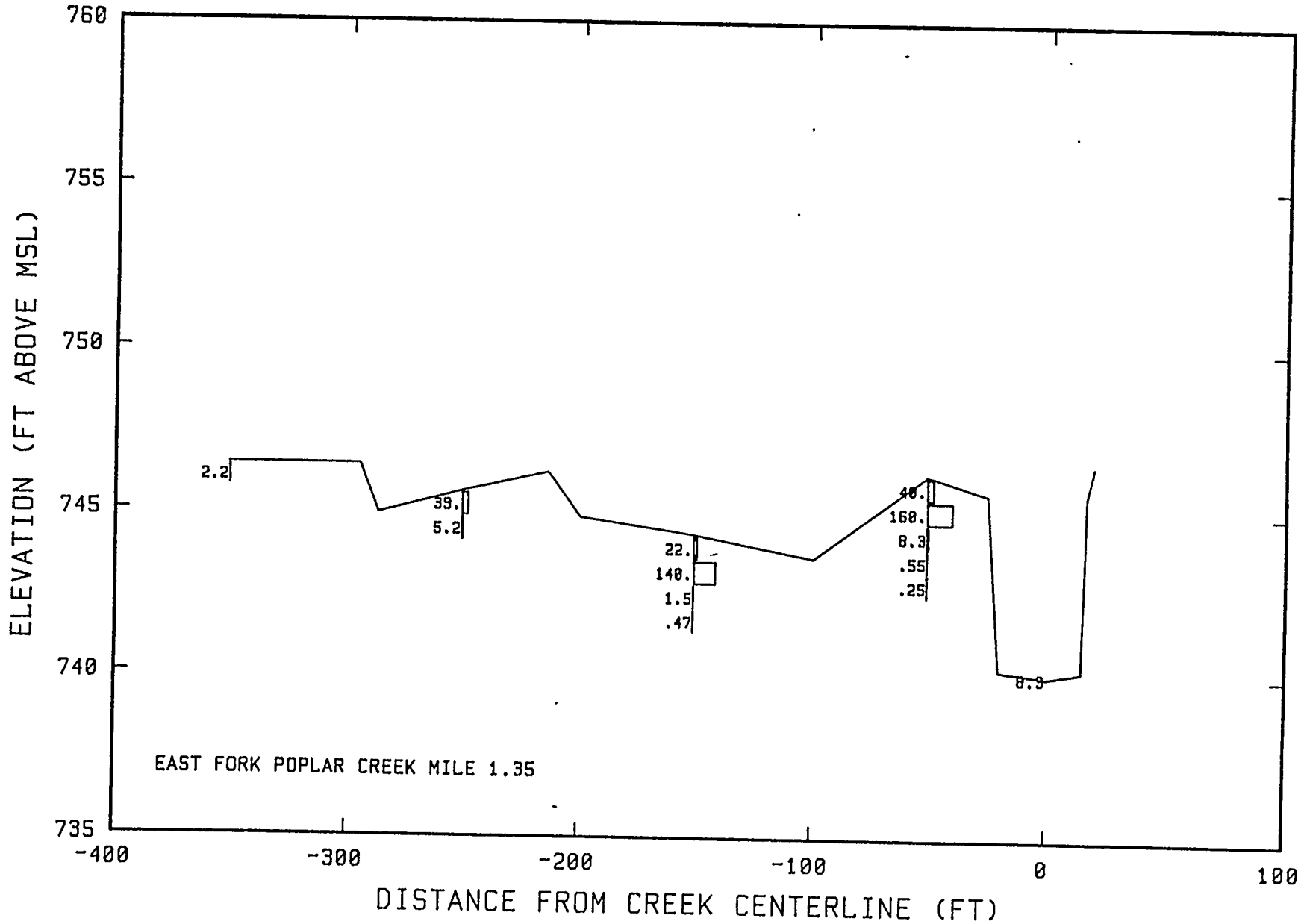

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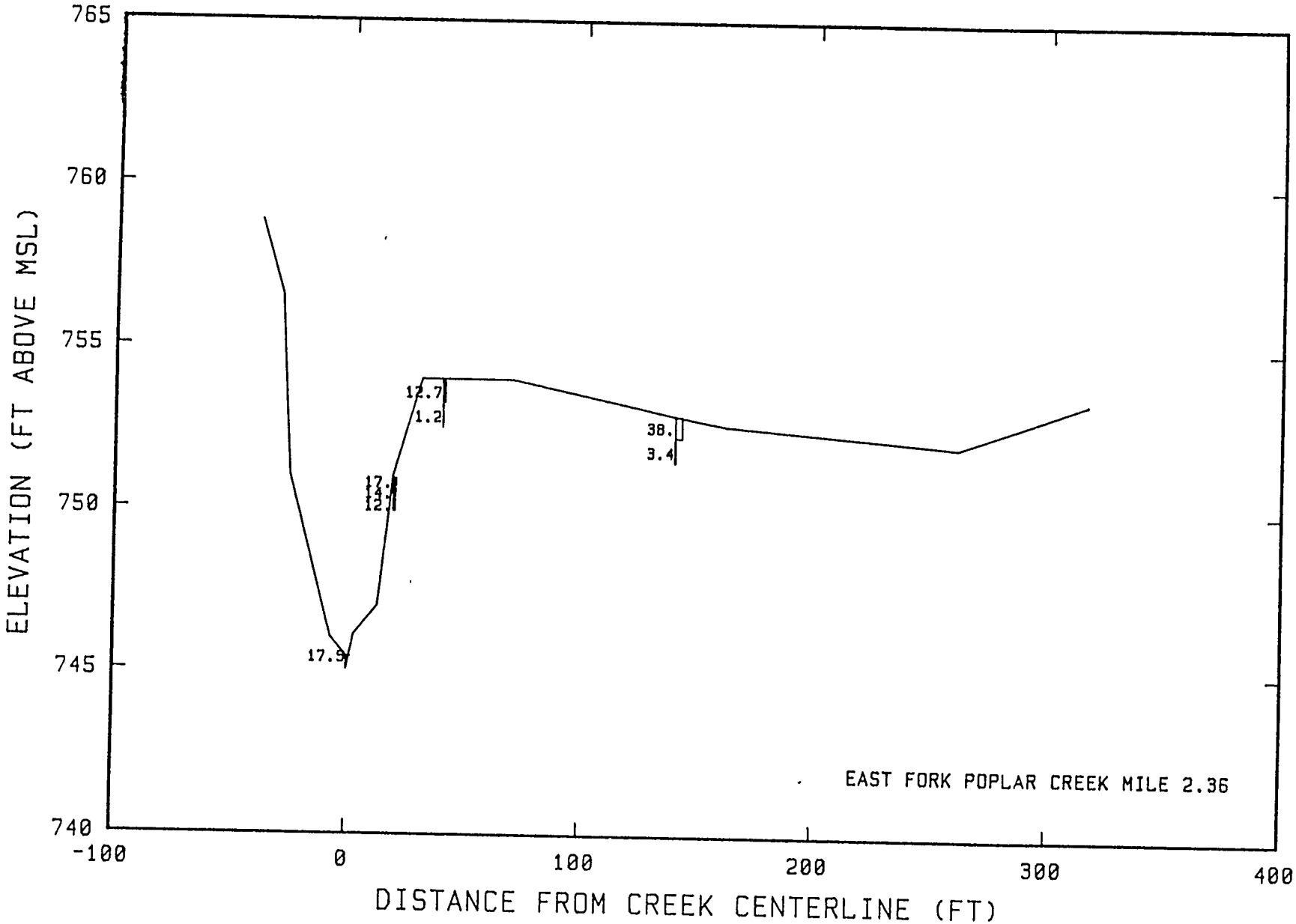
FIG.3

Mercury (ug/g) Associated With The Sediment Fraction Finer Than 500 um



WSDB: 3/18/85

FIG. 4

Mercury (ug/g) Associated With The Sediment Fraction Finer Than 500 um

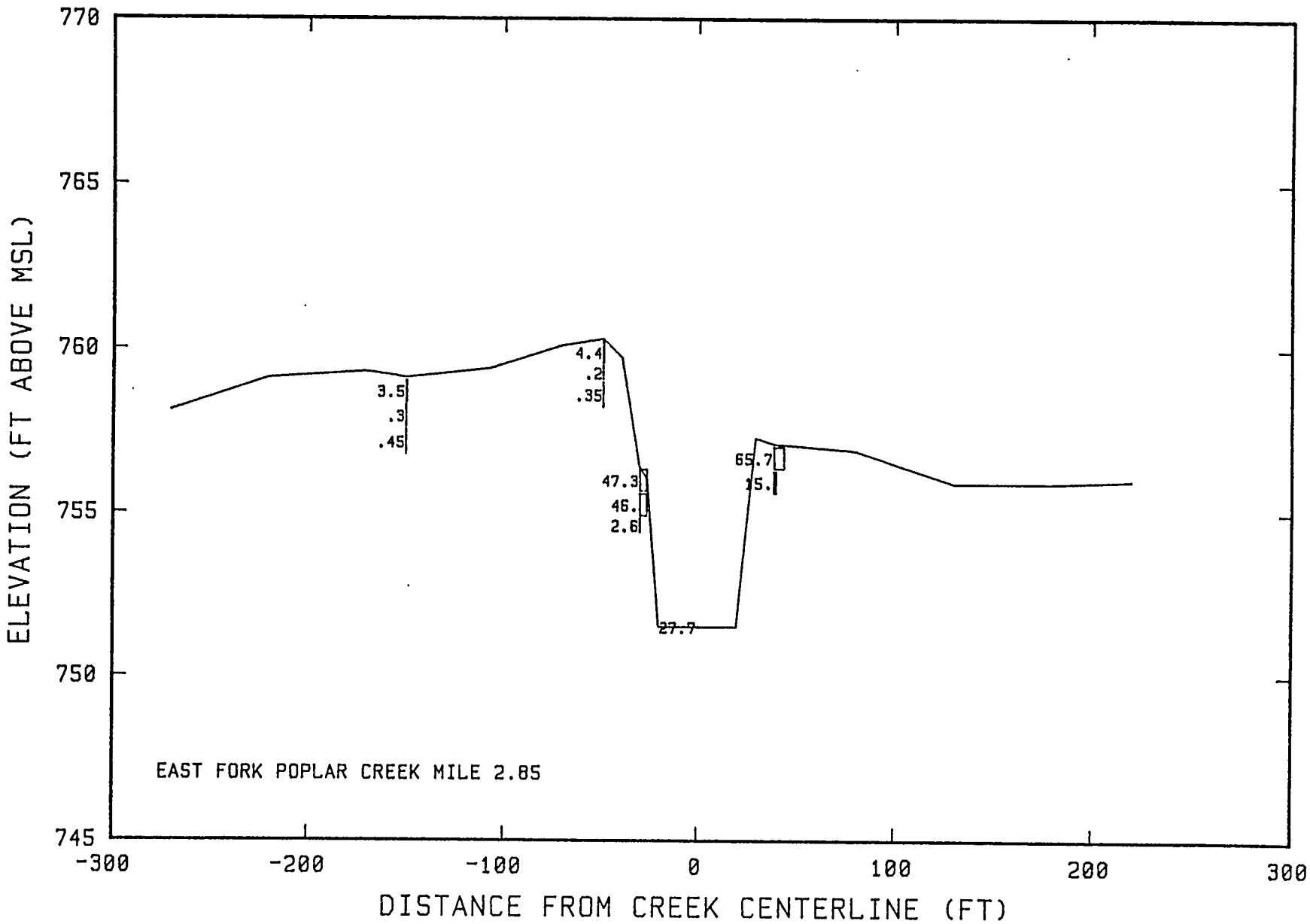


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FIG. 5

Mercury (ug/g) Associated With The Sediment Fraction Finer Than 500 um

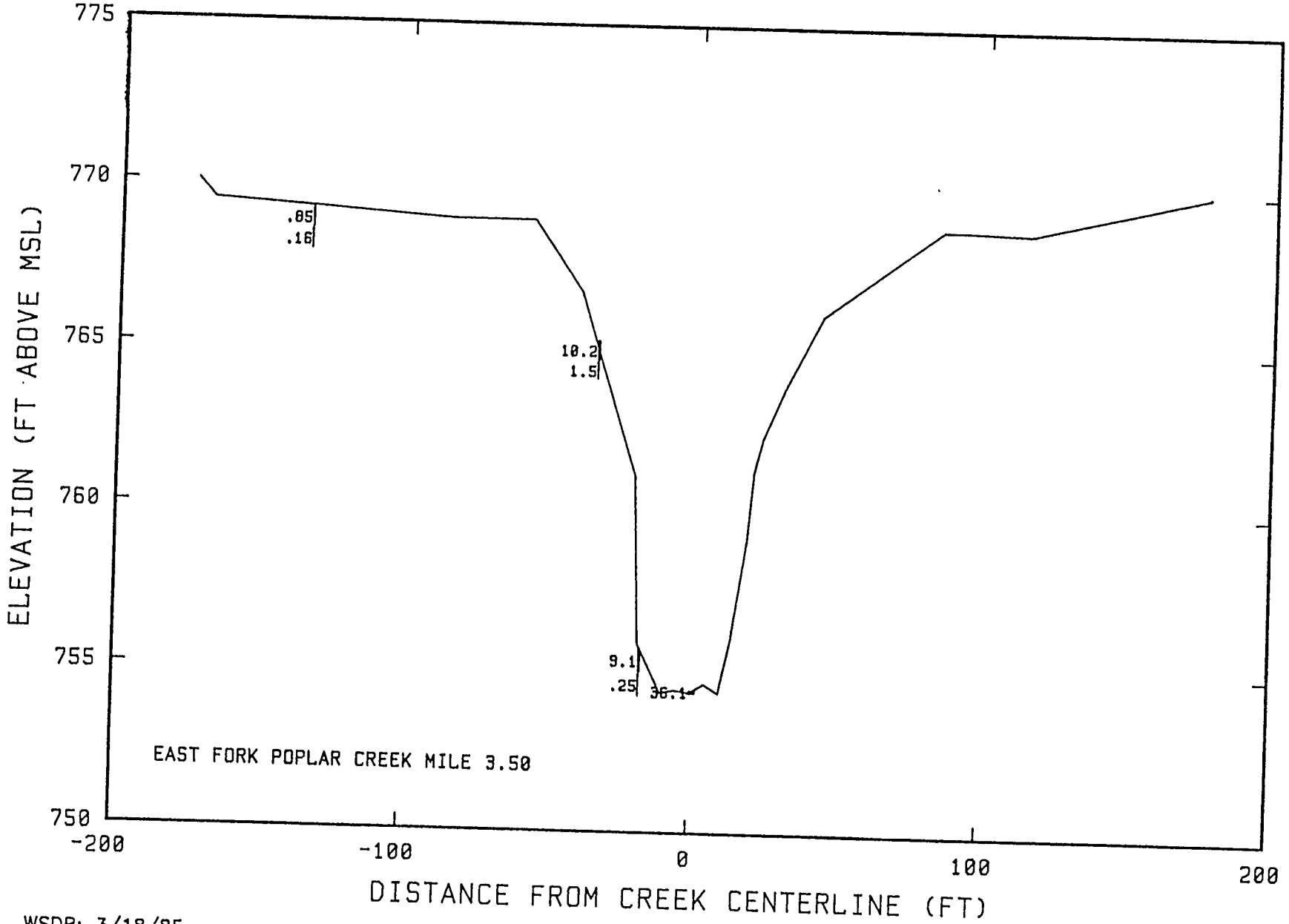

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FIG. 6

Mercury (ug/g) Associated With The Sediment Fraction Finer Than 500 um

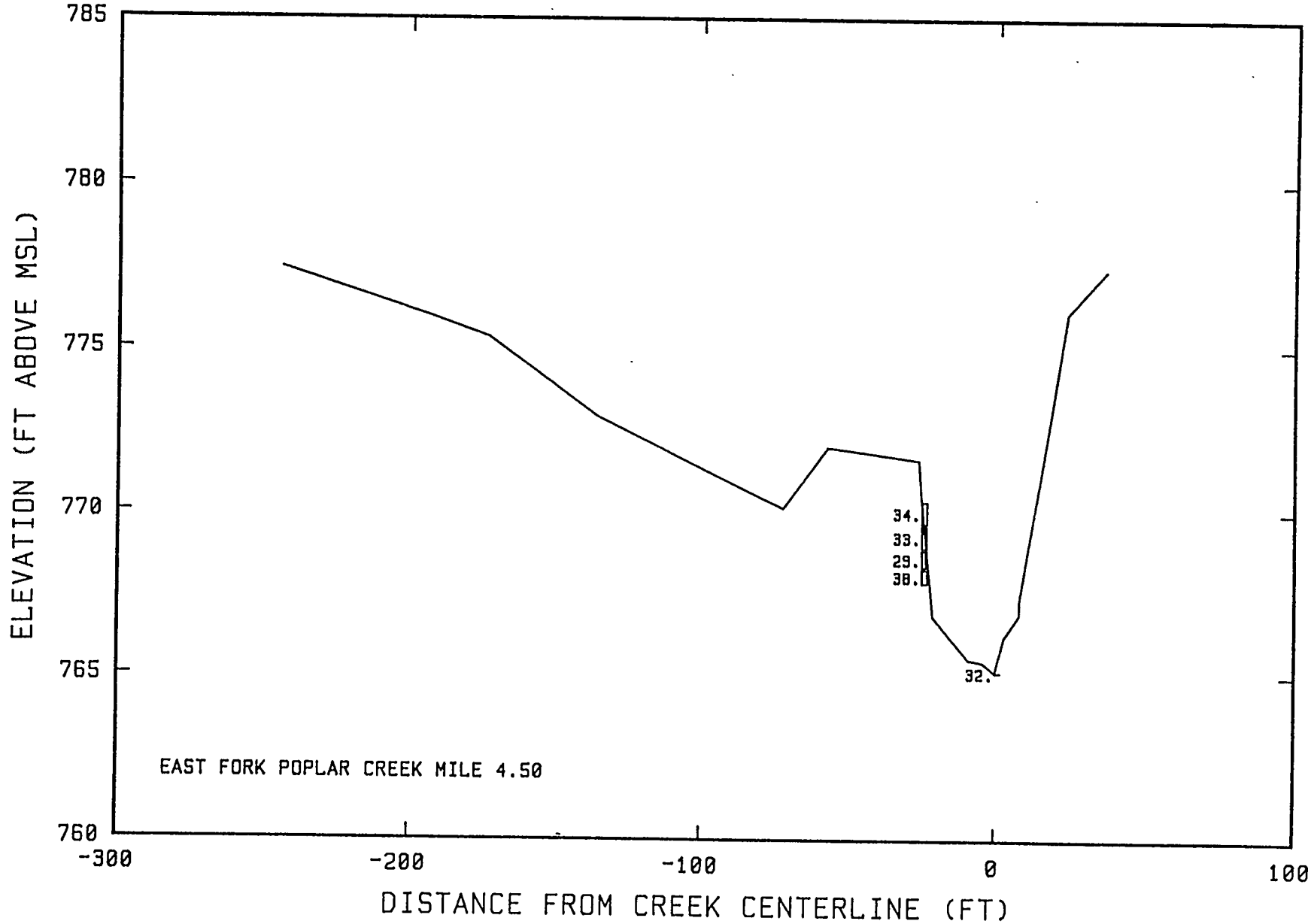

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FIG. 7

Mercury (ug/g) Associated With The Sediment Fraction Finer Than 500 um

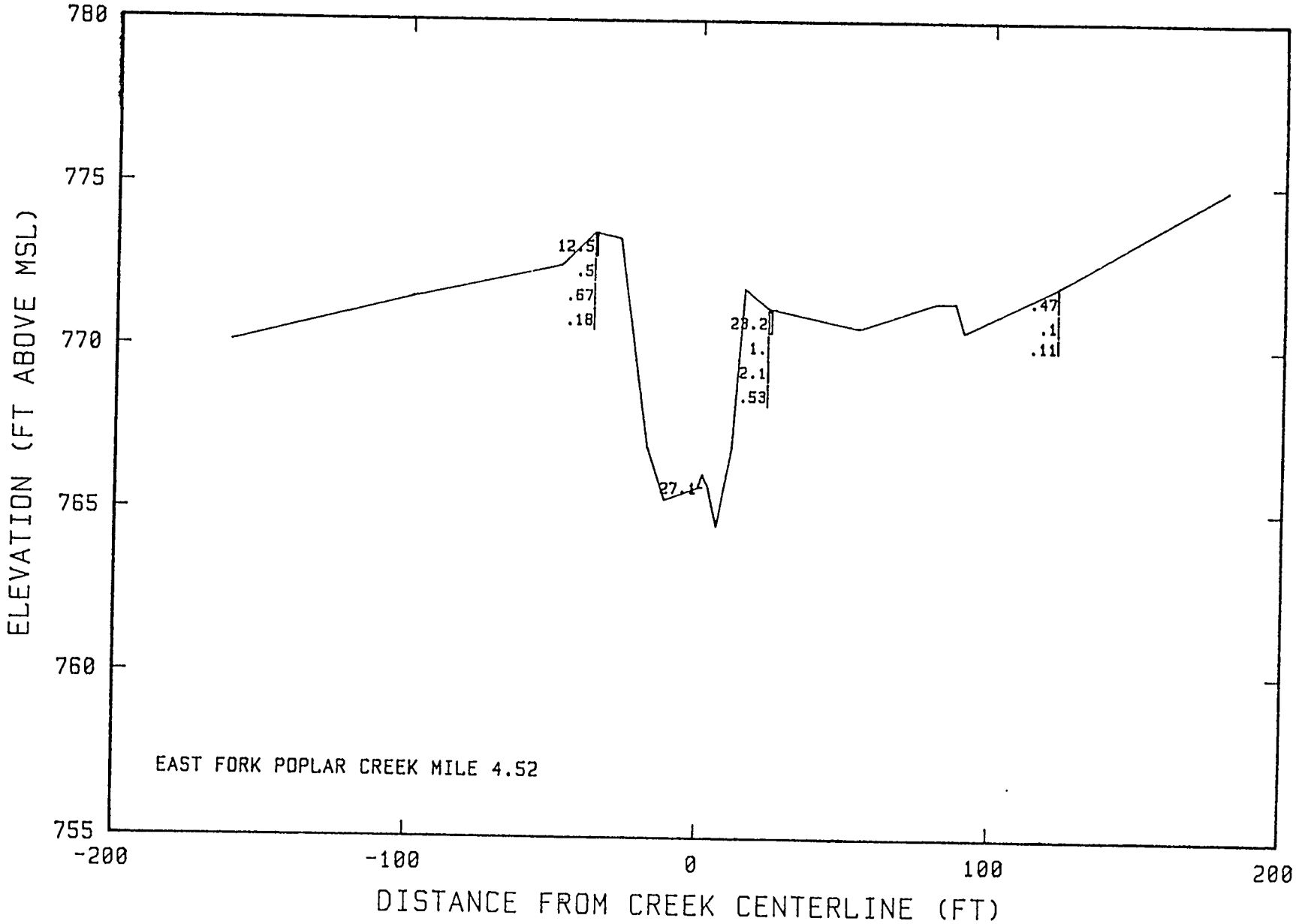

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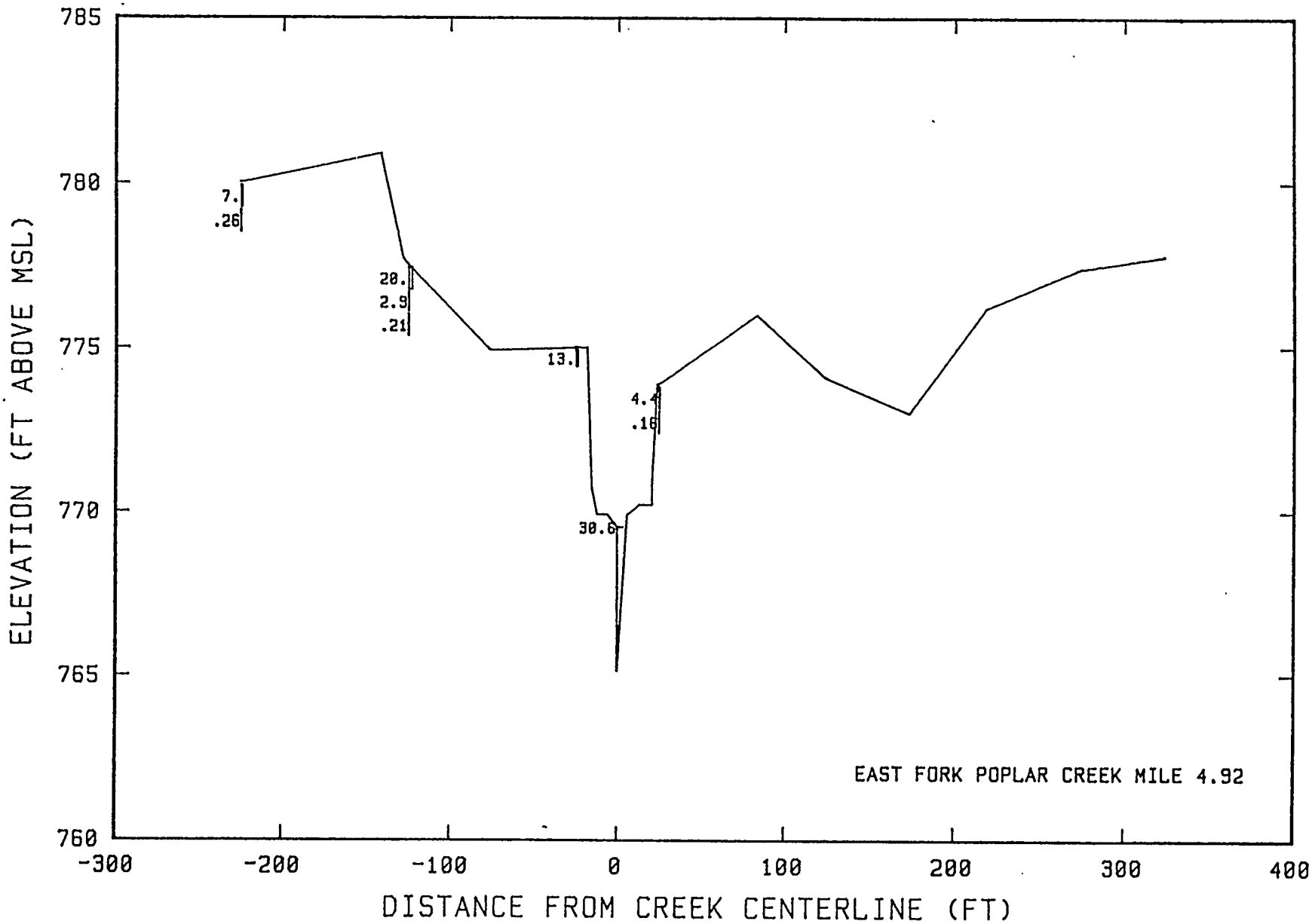
FIG. 8

Mercury (ug/g) Associated With The Sediment Fraction Finer Than 500 um



WSDB: 3/18/85

FIG.9

Mercury (ug/g) Associated With The Sediment Fraction Finer Than 500 um

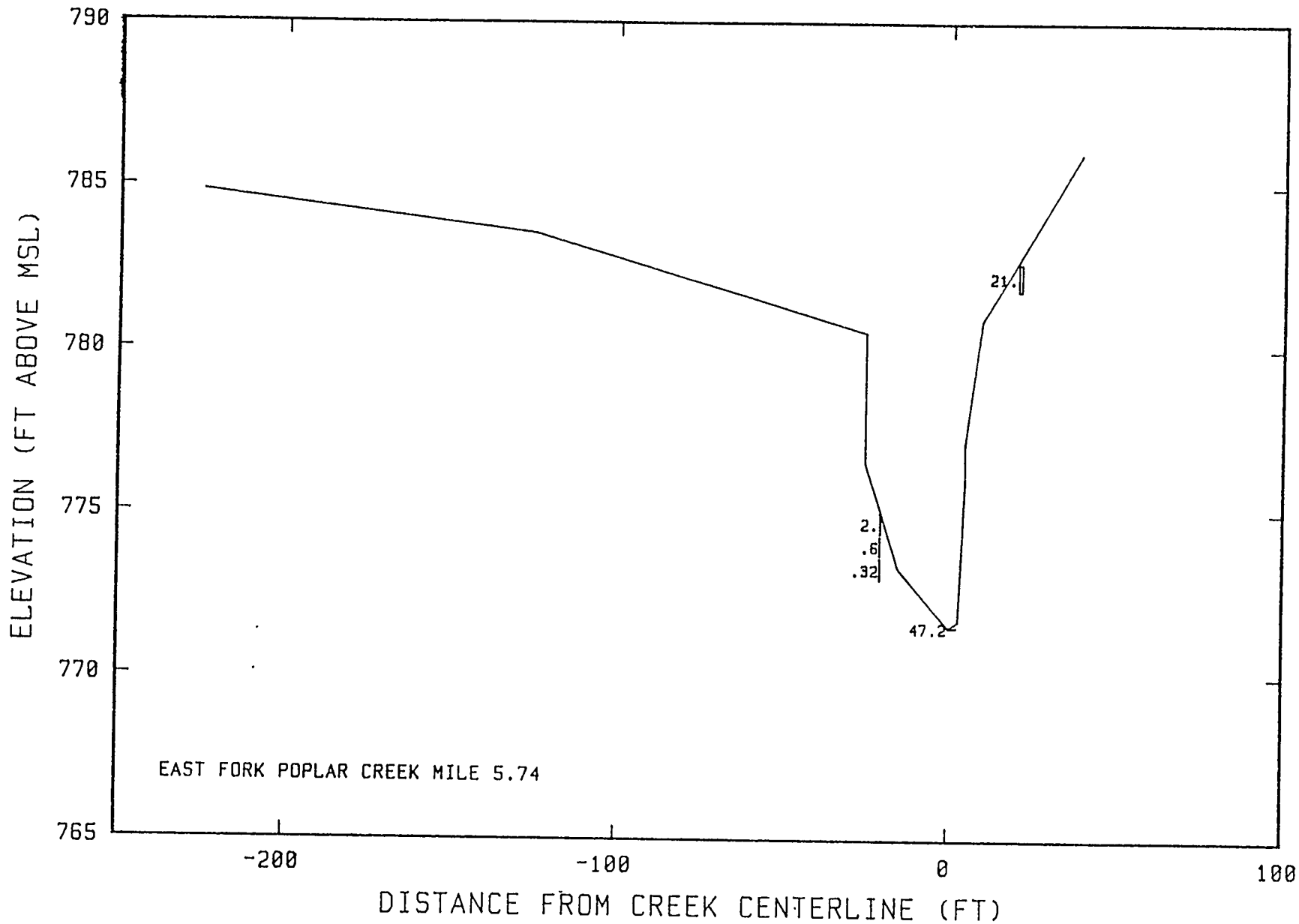


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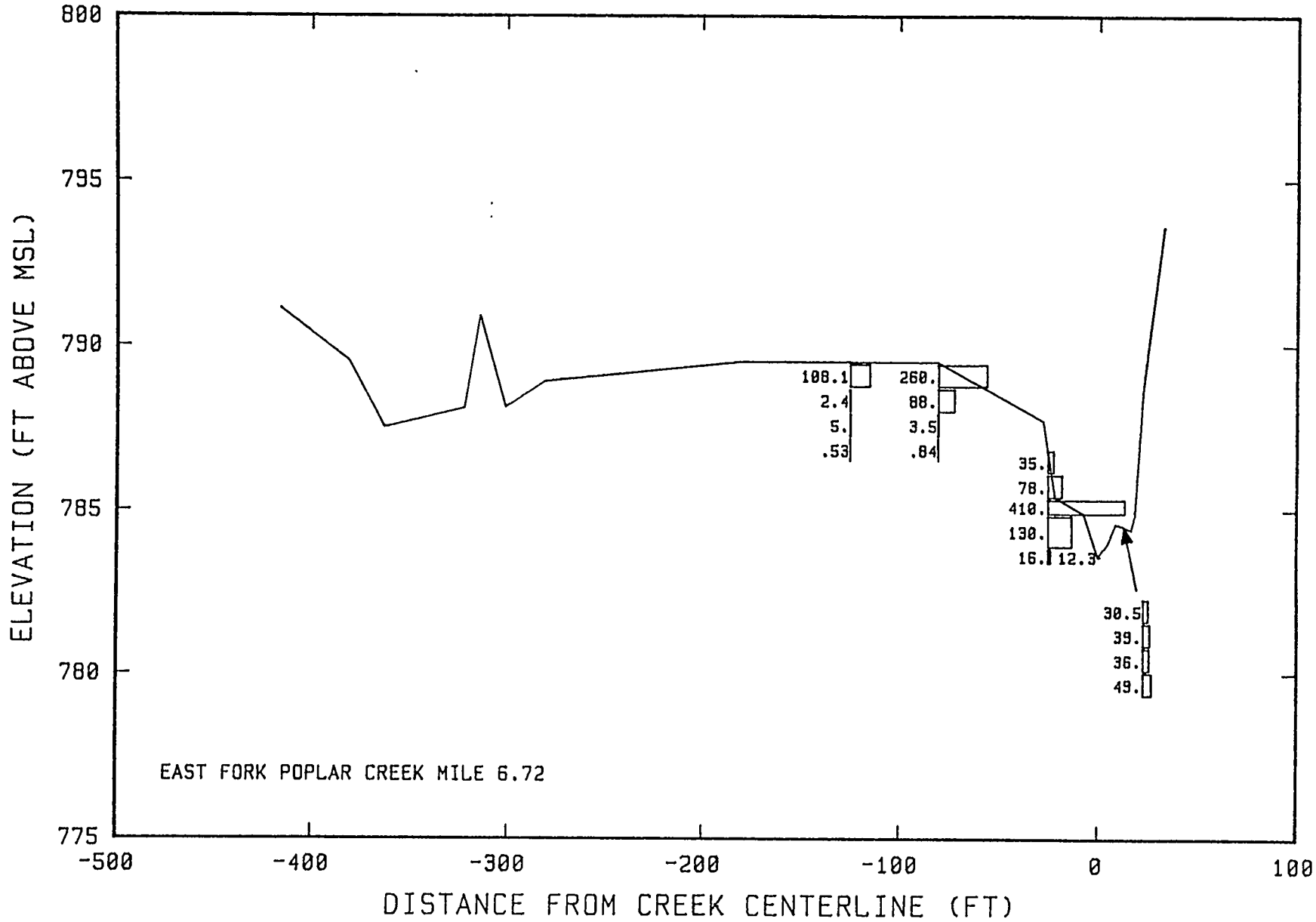
FIG. 10

Mercury (ug/g) Associated With The Sediment Fraction Finer Than 500 um



WSDB: 3/18/85

FIG. 11

Mercury (ug/g) Associated With The Sediment Fraction Finer Than 500 um

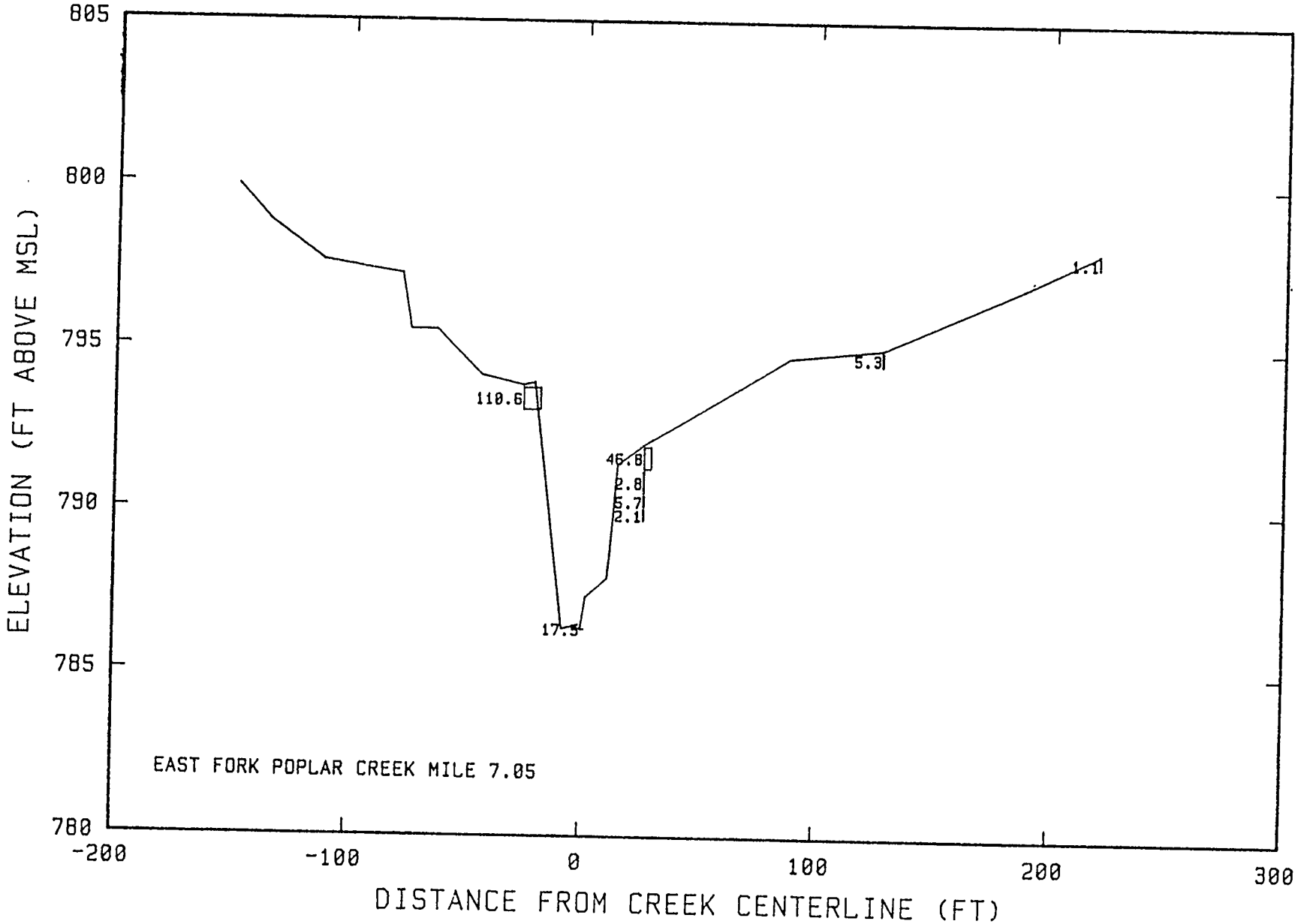


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FIG. 12

Mercury (ug/g) Associated With The Sediment Fraction Finer Than 500 um

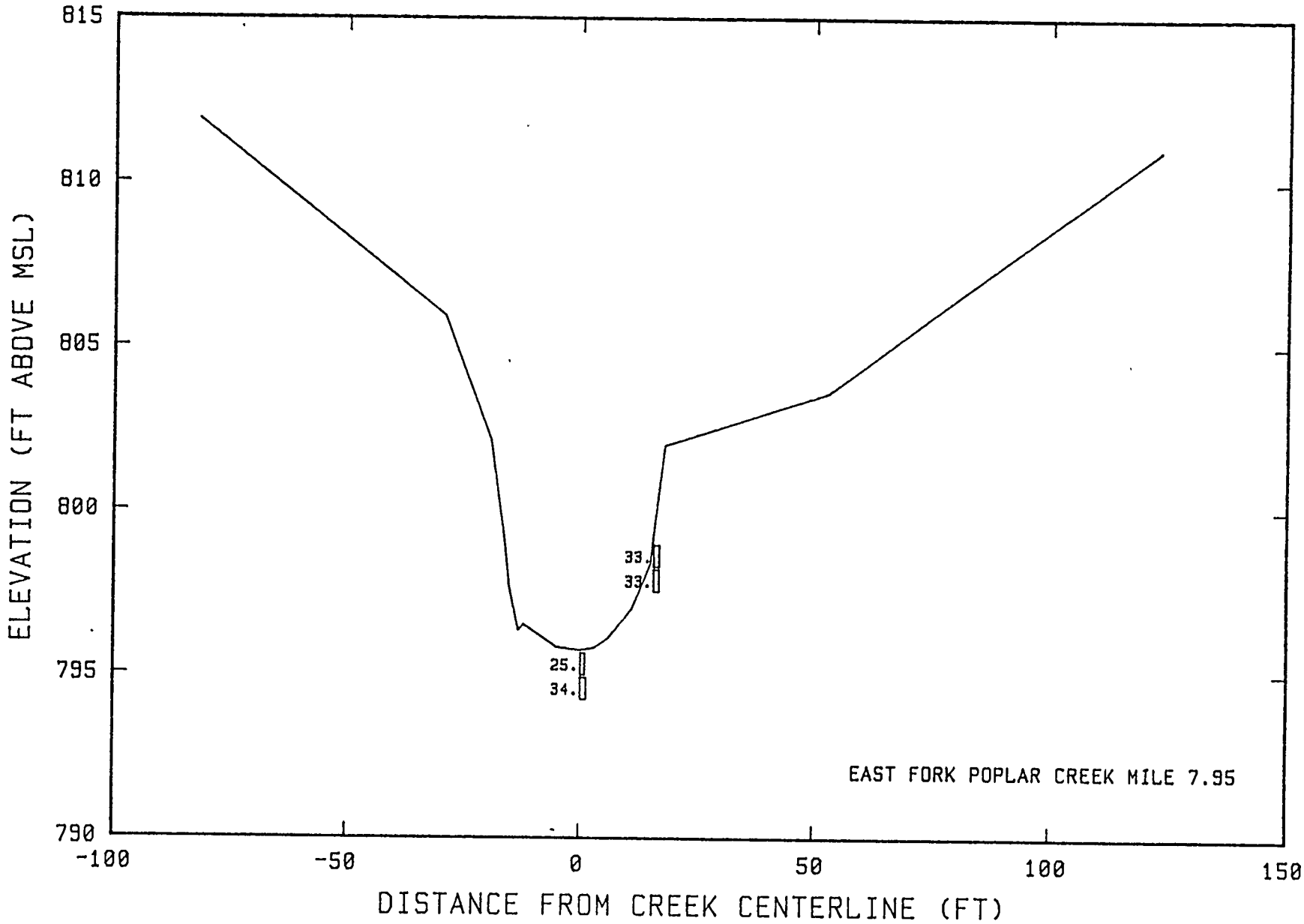

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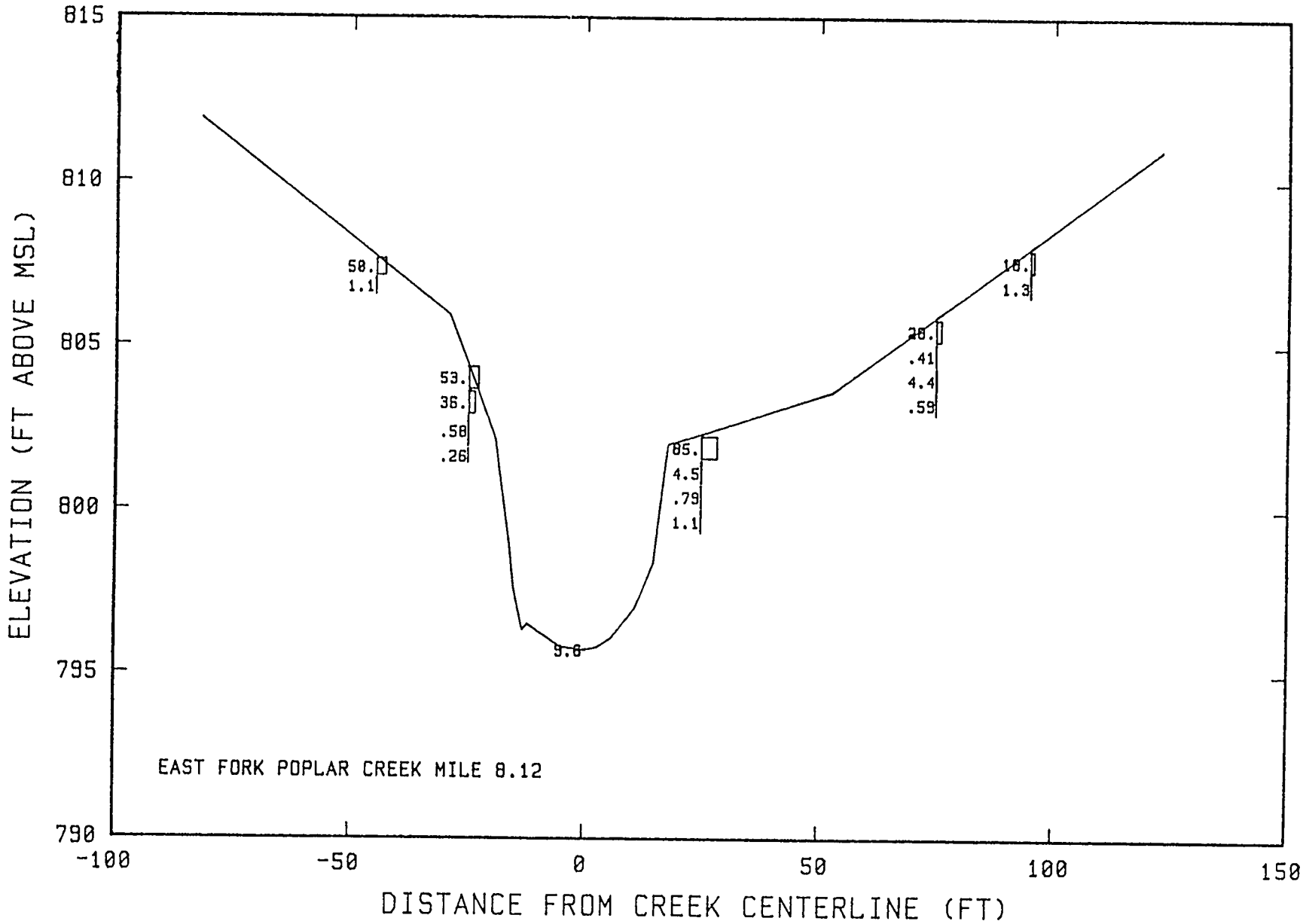
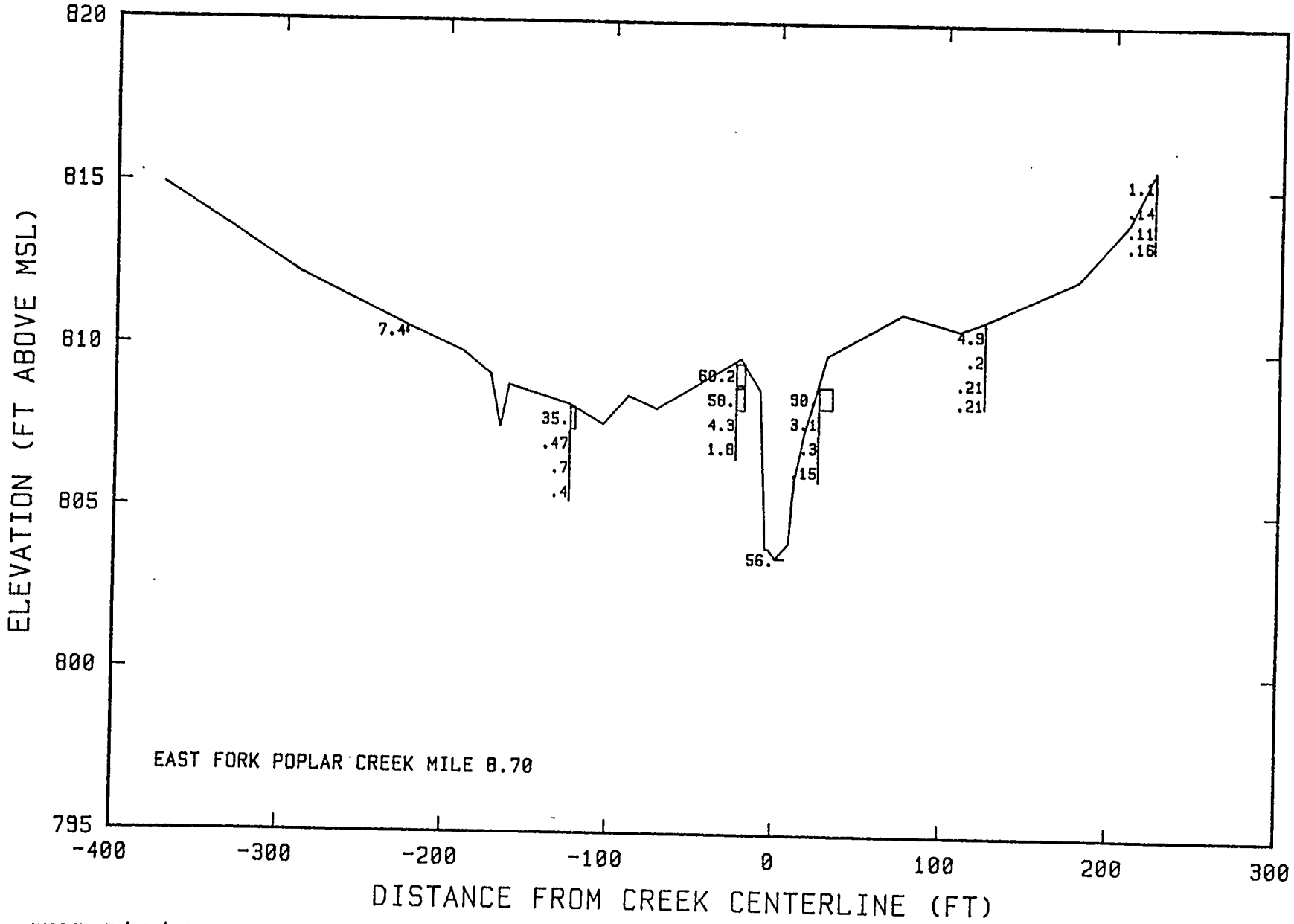
FIG. 13
Mercury (ug/g) Associated With The Sediment Fraction Finer Than 500 um



WSDB: 3/18/85

FIG. 14

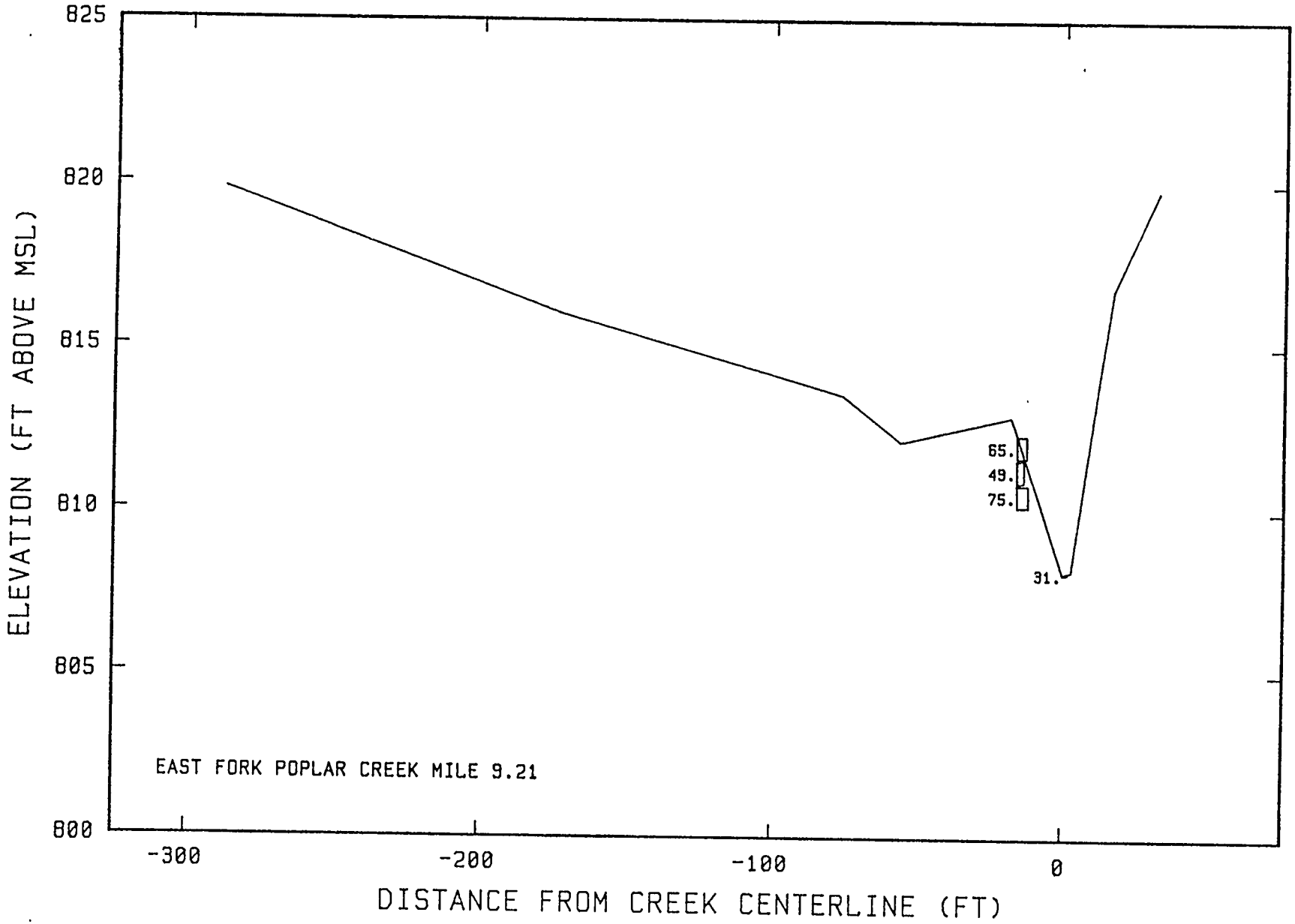
Mercury (ug/g) Associated With The Sediment Fraction Finer Than 500 um



WSDB: 3/18/85

FIG. 15

Mercury (ug/g) Associated With The Sediment Fraction Finer Than 500 um



WSDB: 3/18/85

FIG. 16

Mercury (ug/g) Associated With The Sediment Fraction Finer Than 500 um

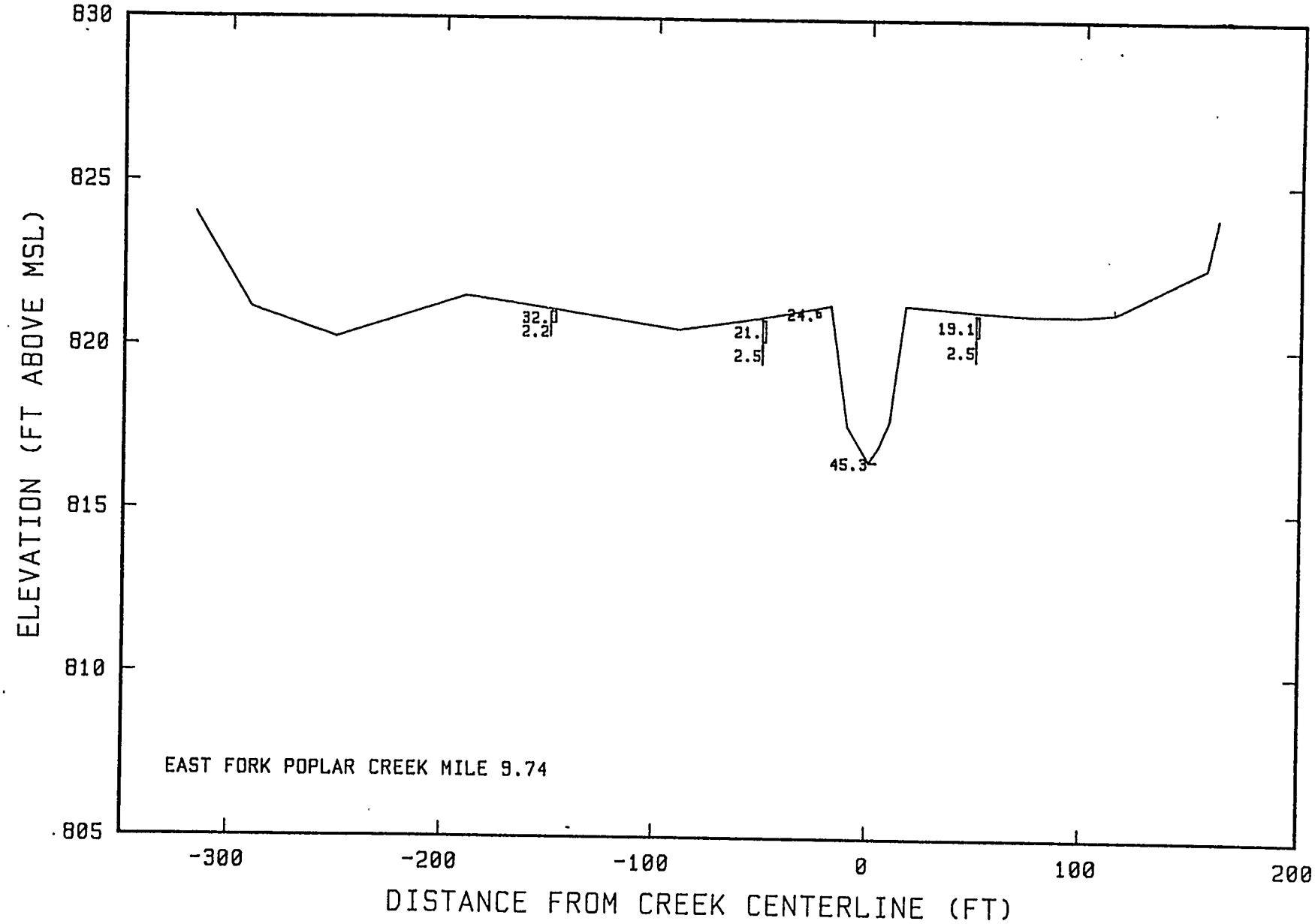


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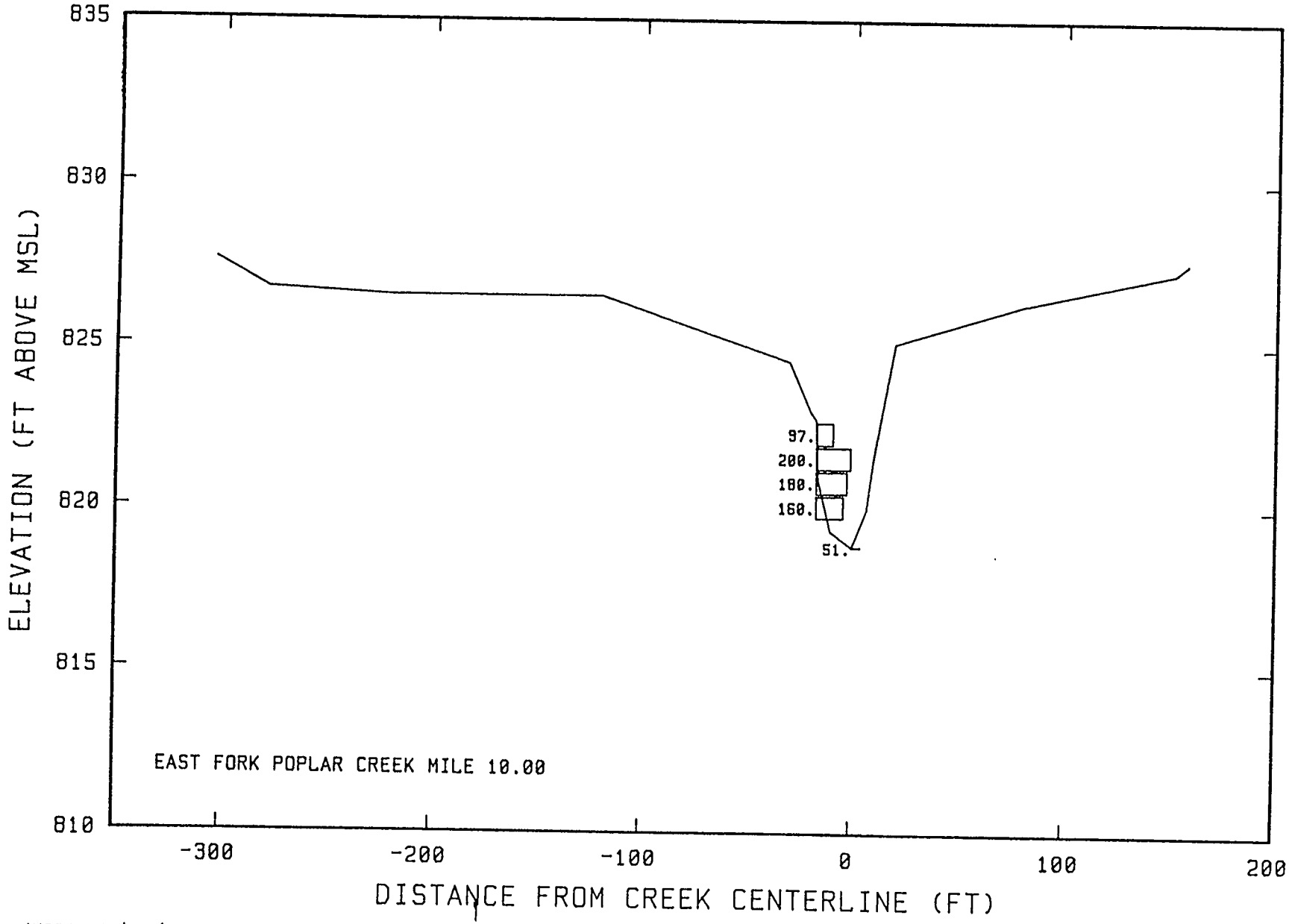
FIG. 17

Mercury (ug/g) Associated With The Sediment Fraction Finer Than 500 um



WSDB: 3/18/85

FIG. 18

Mercury (ug/g) Associated With The Sediment Fraction Finer Than 500 um

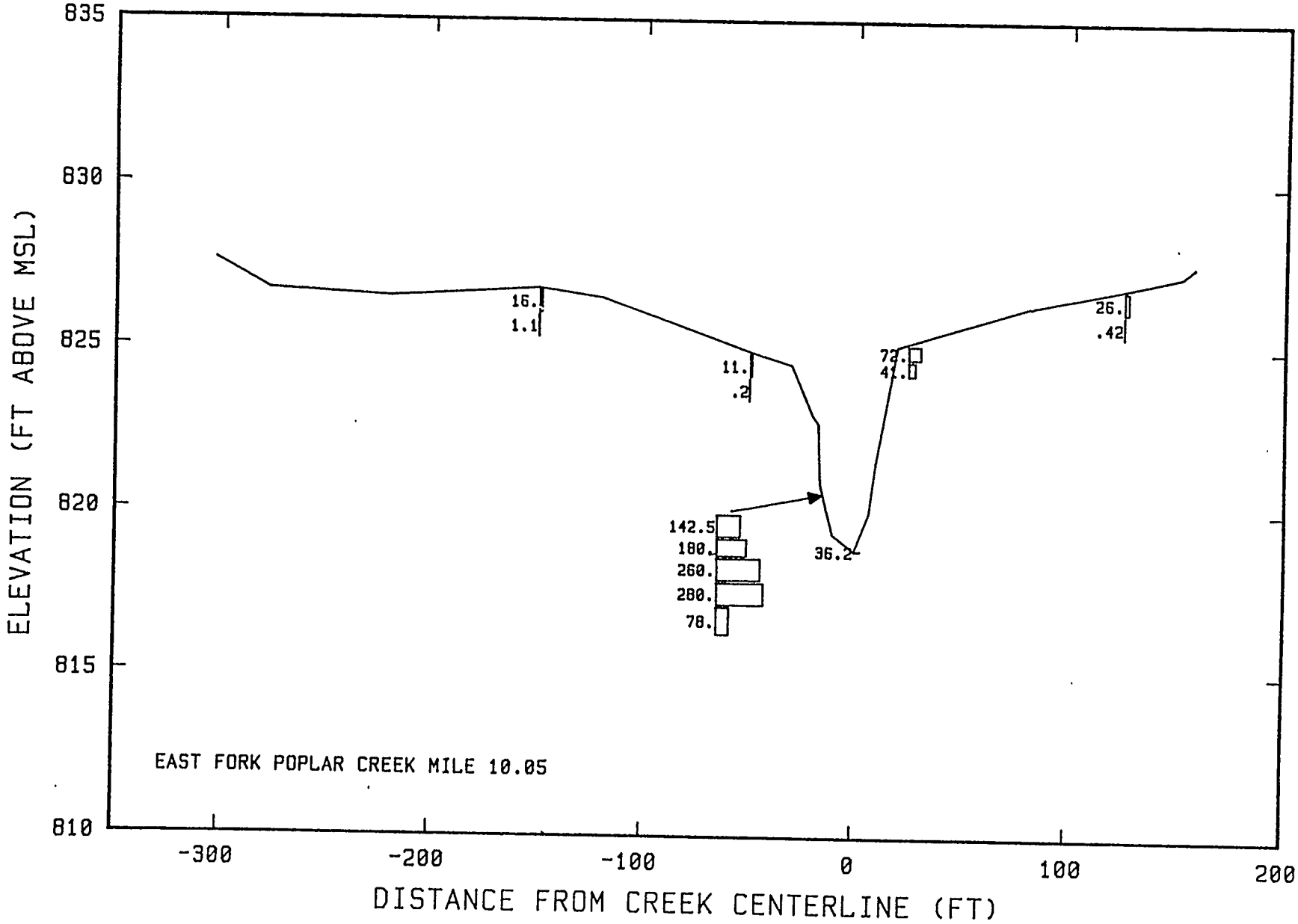


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FIG. 19

Mercury (ug/g) Associated With The Sediment Fraction Finer Than 500 um

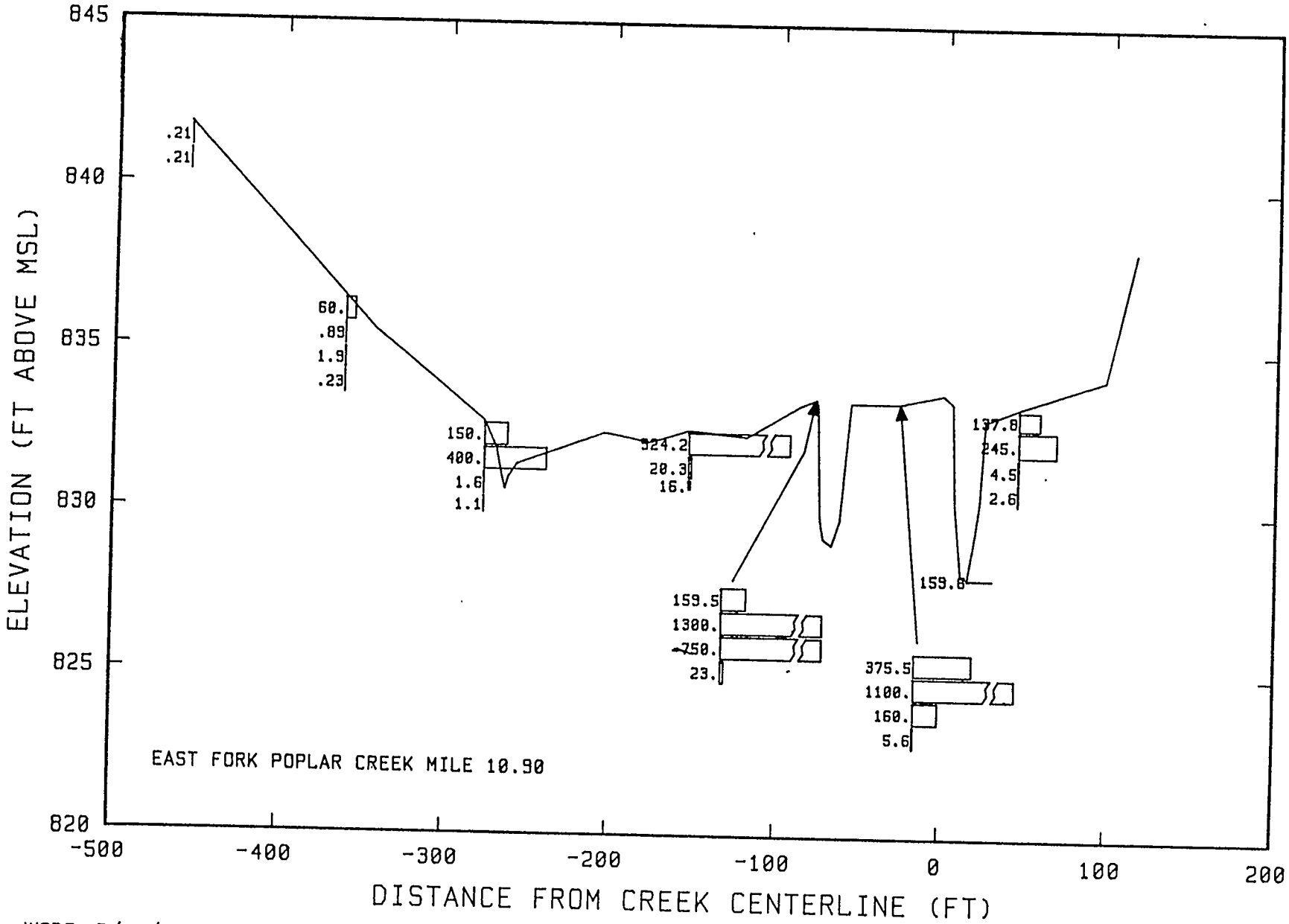

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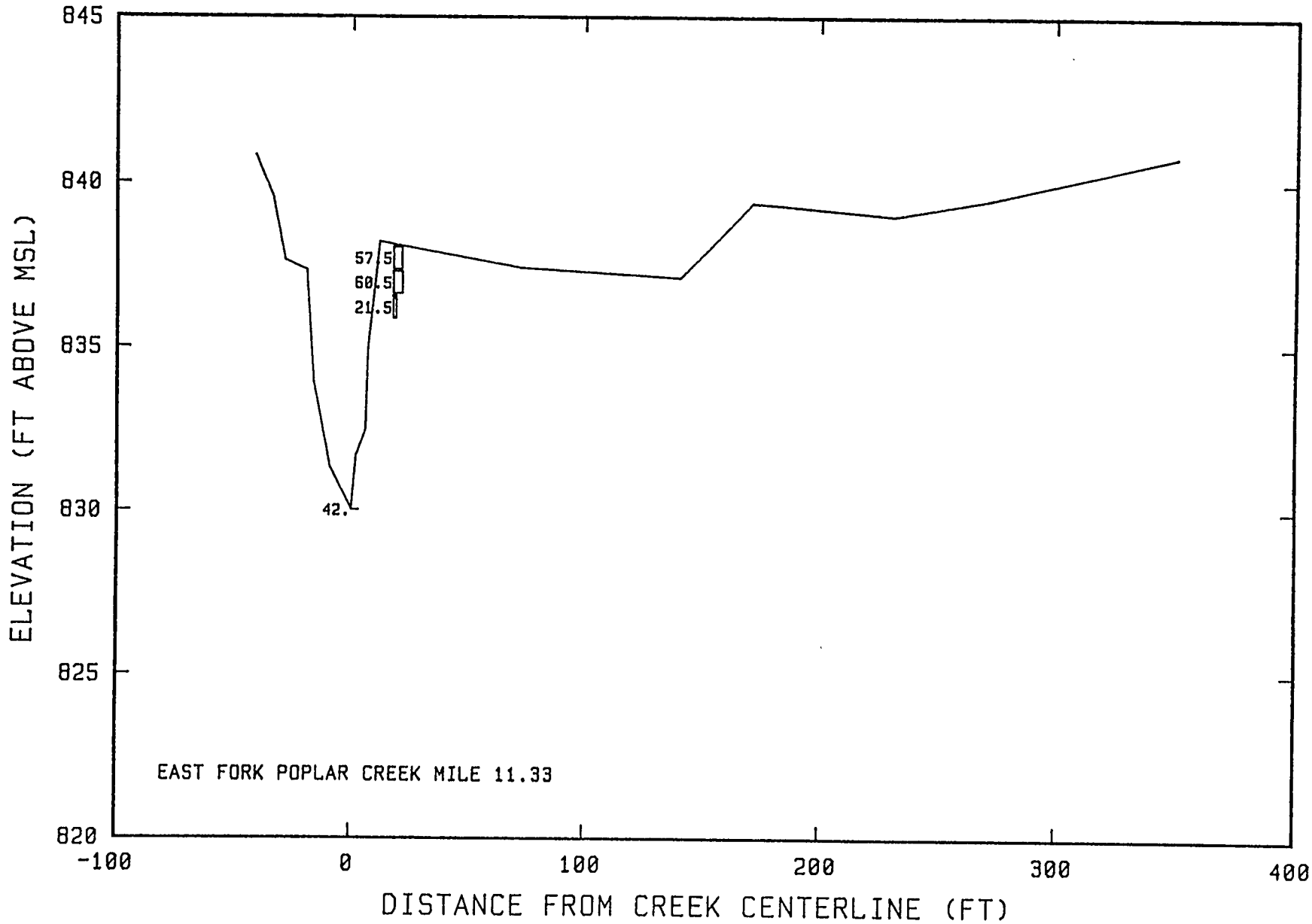
FIG. 20

Mercury (ug/g) Associated With The Sediment Fraction Finer Than 500 um



WSDB: 3/18/85

FIG. 21

Mercury (ug/g) Associated With The Sediment Fraction Finer Than 500 um

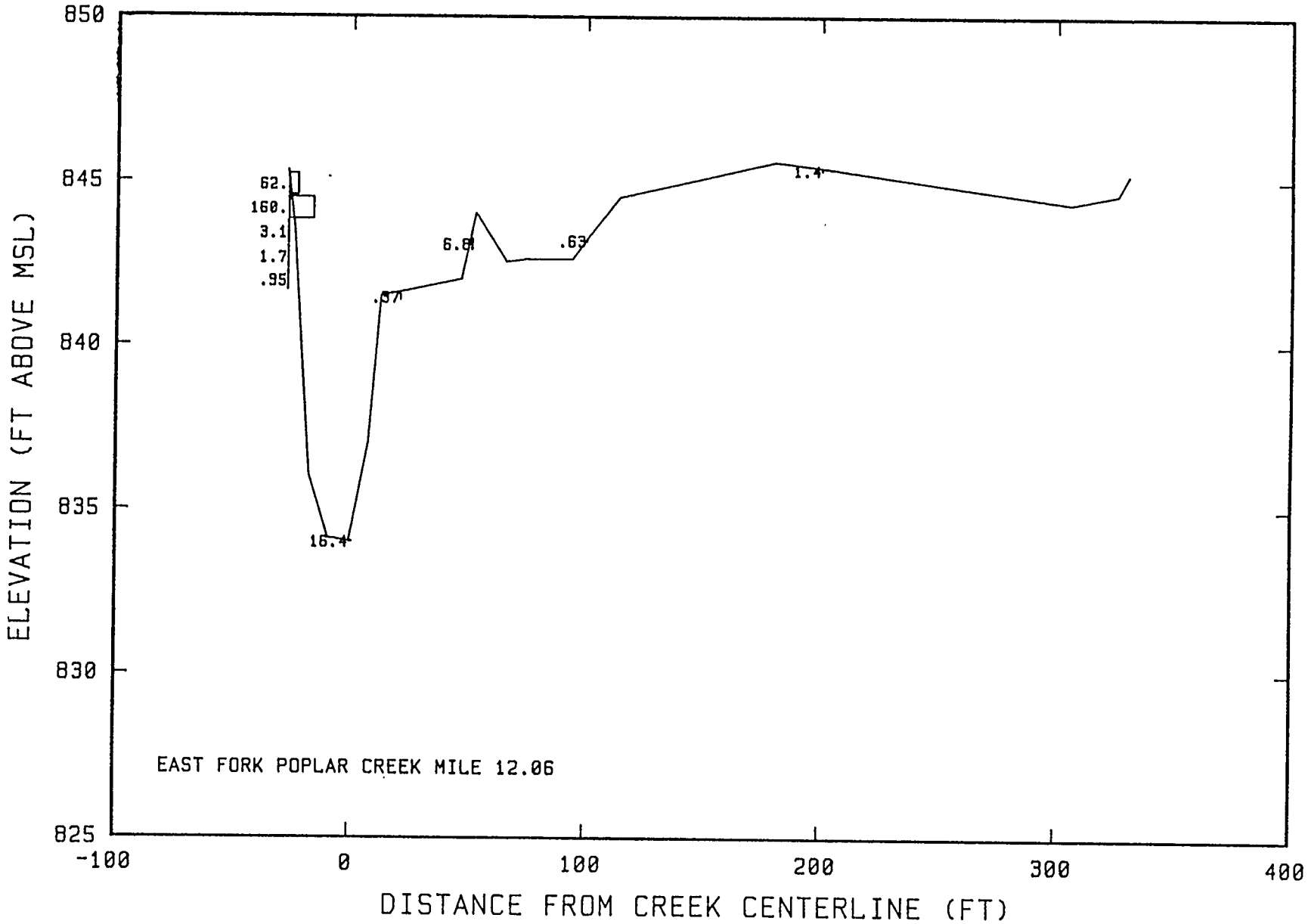


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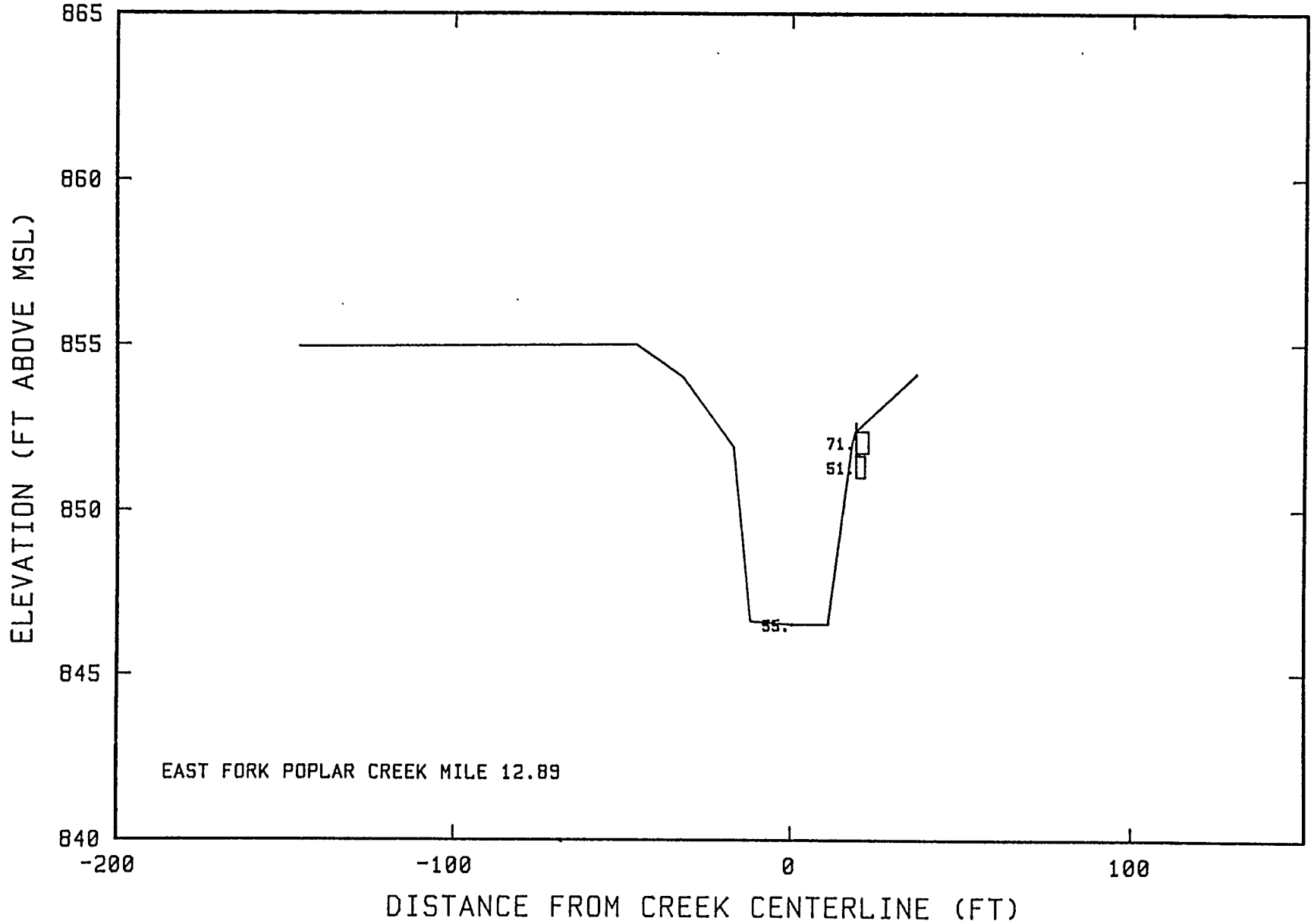
FIG. 22

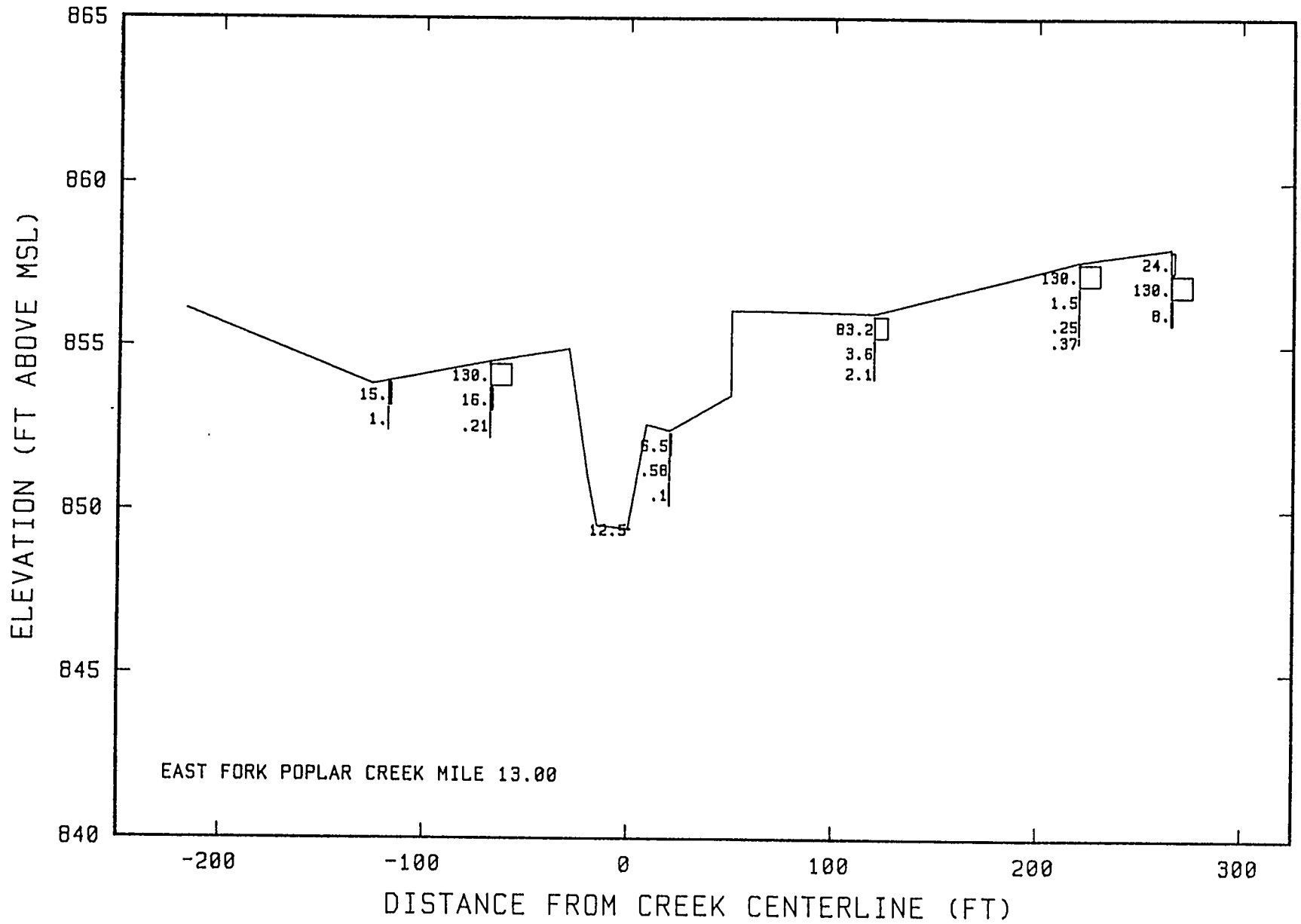
Mercury (ug/g) Associated With The Sediment Fraction Finer Than 500 um



WSDB: 3/18/85

FIG. 23

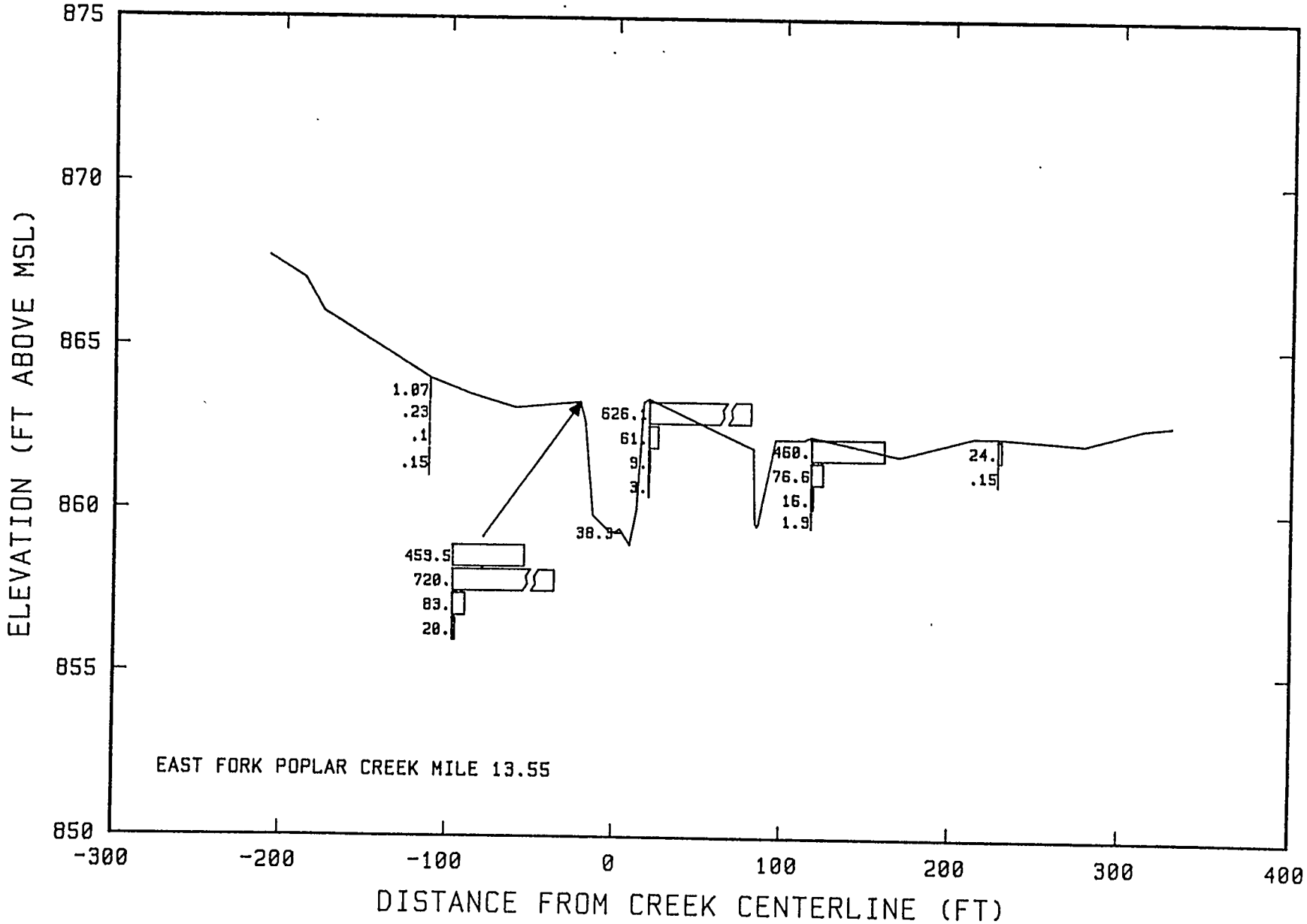
Mercury (ug/g) Associated With The Sediment Fraction Finer Than 500 um



WSDB: 3/18/85

FIG. 24

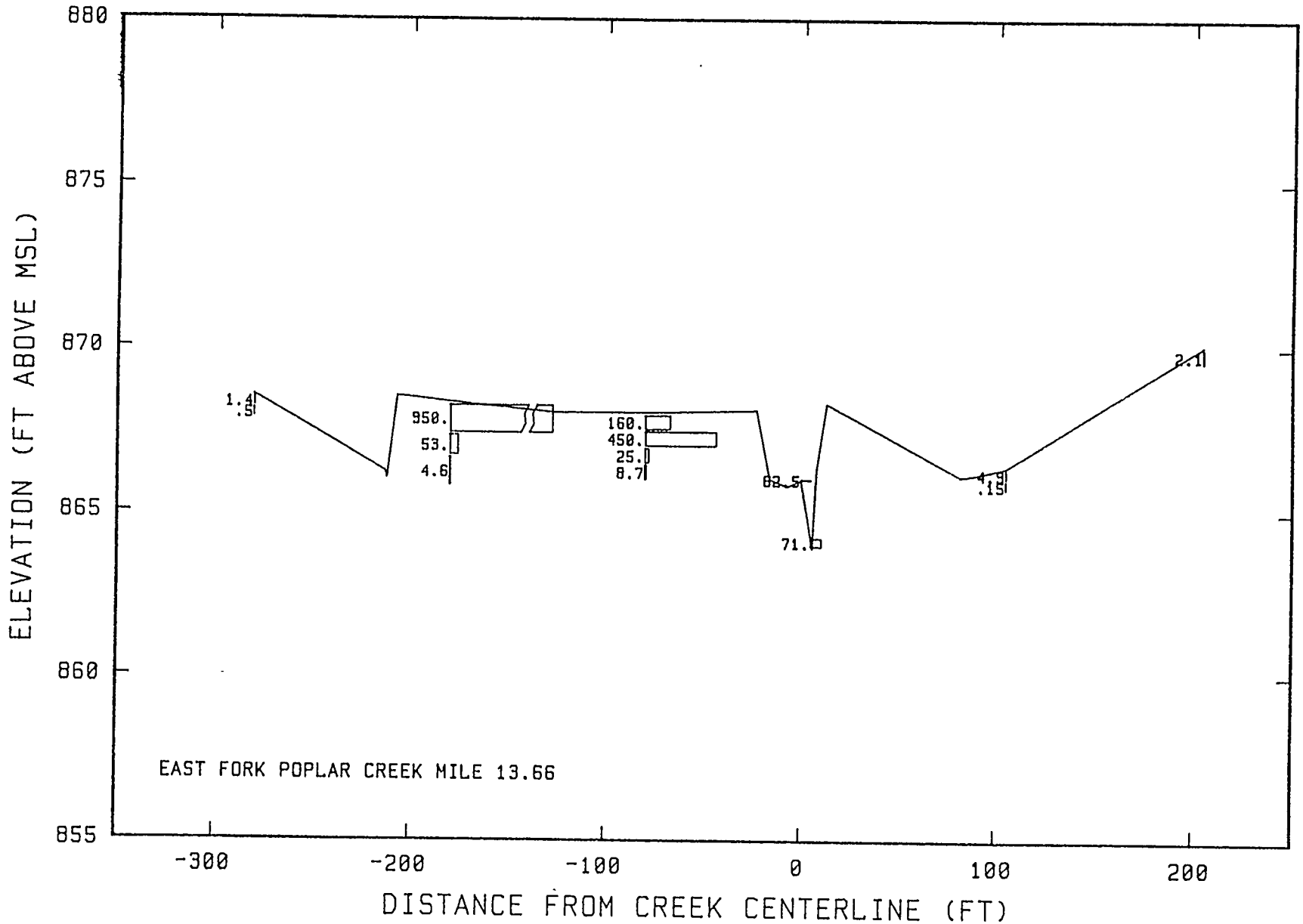
Mercury (ug/g) Associated With The Sediment Fraction Finer Than 500 um



WSDB: 3/18/85

FIG. 25

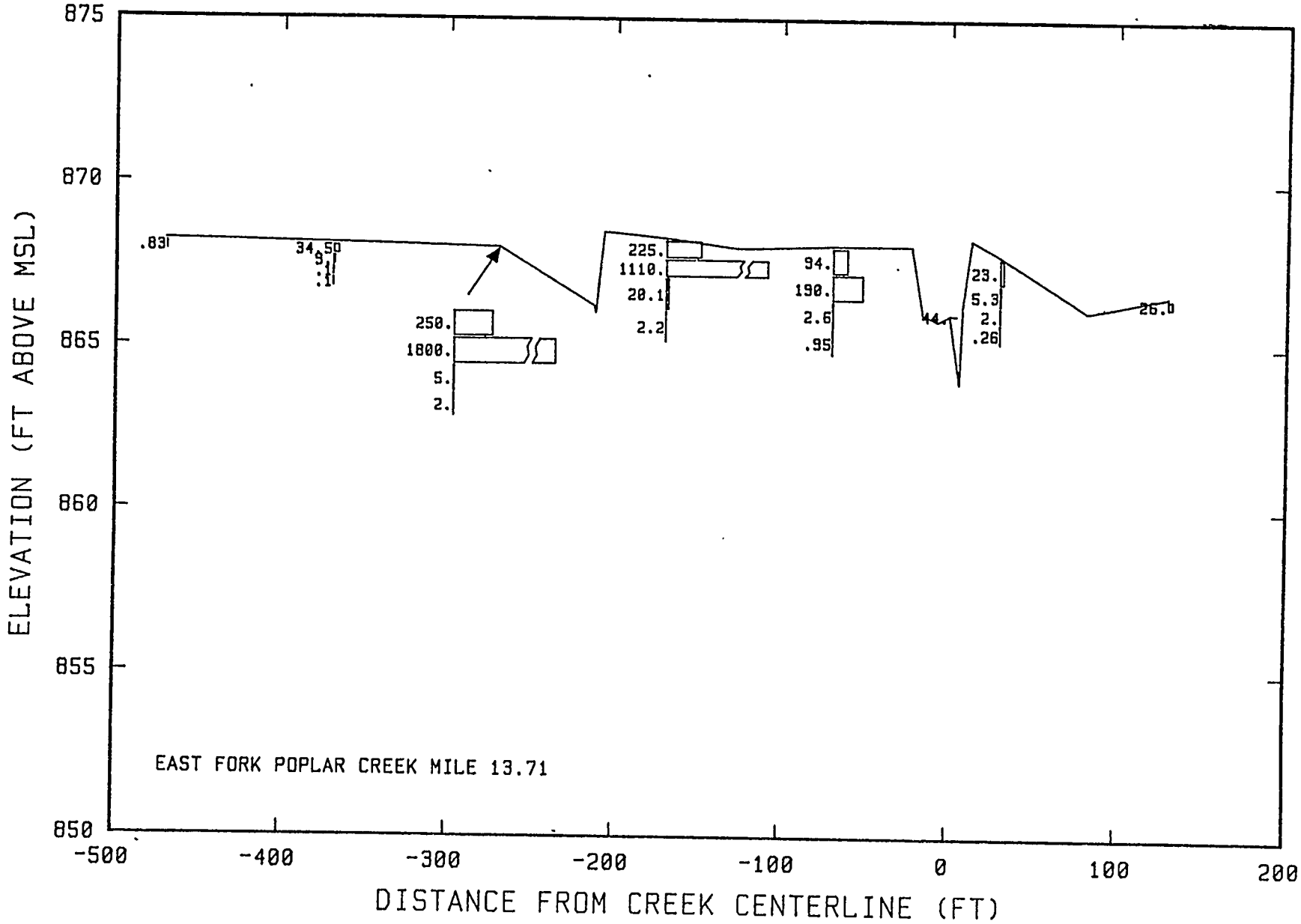
Mercury (ug/g) Associated With The Sediment Fraction Finer Than 500 um



WSDB: 3/18/85

FIG. 26

Mercury (ug/g) Associated With The Sediment Fraction Finer Than 500 um



WSDB: 3/18/85

FIG. 27

Mercury (ug/g) Associated With The Sediment Fraction Finer Than 500 um

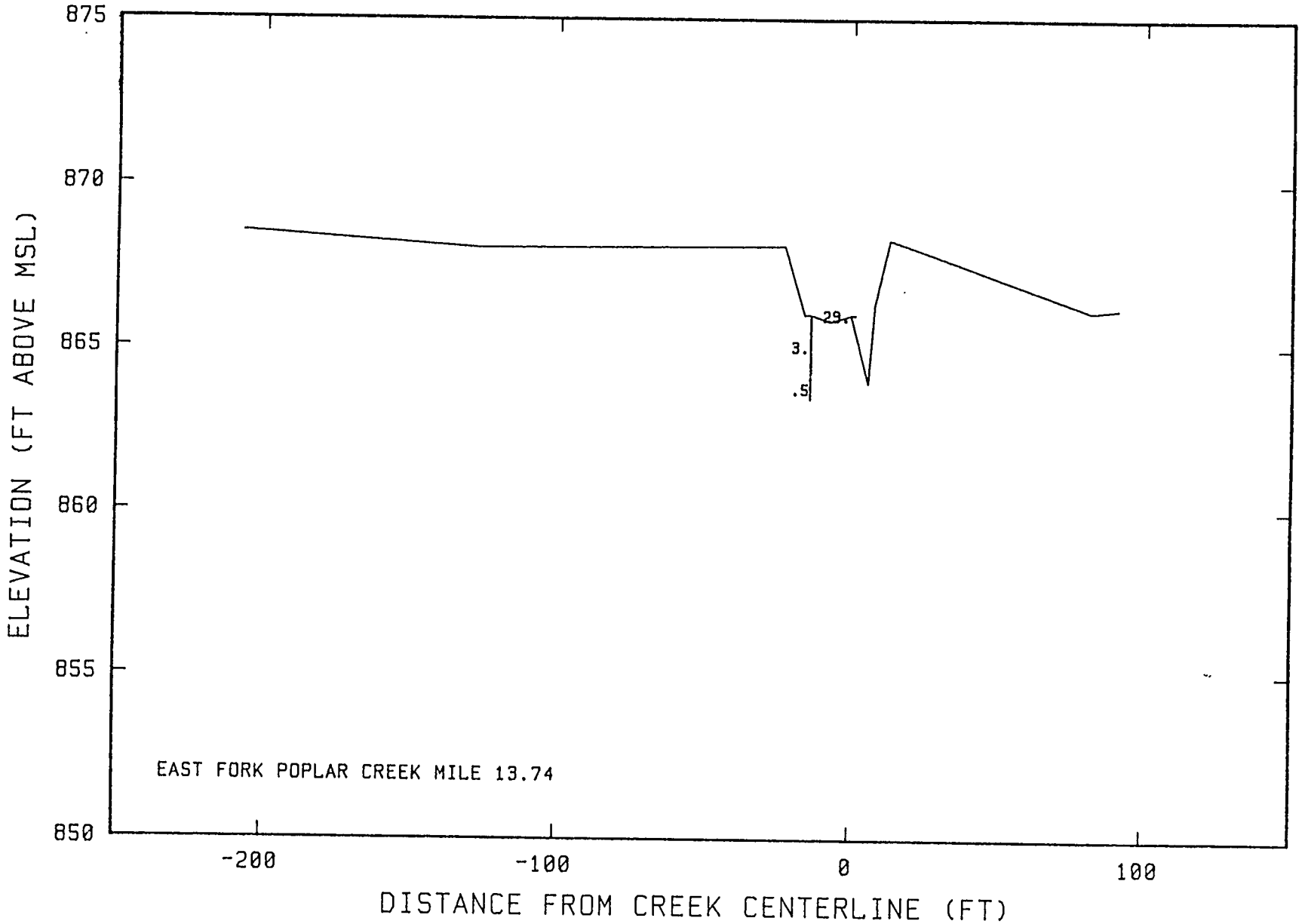


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FIG. 28

Mercury (ug/g) Associated With The Sediment Fraction Finer Than 500 um

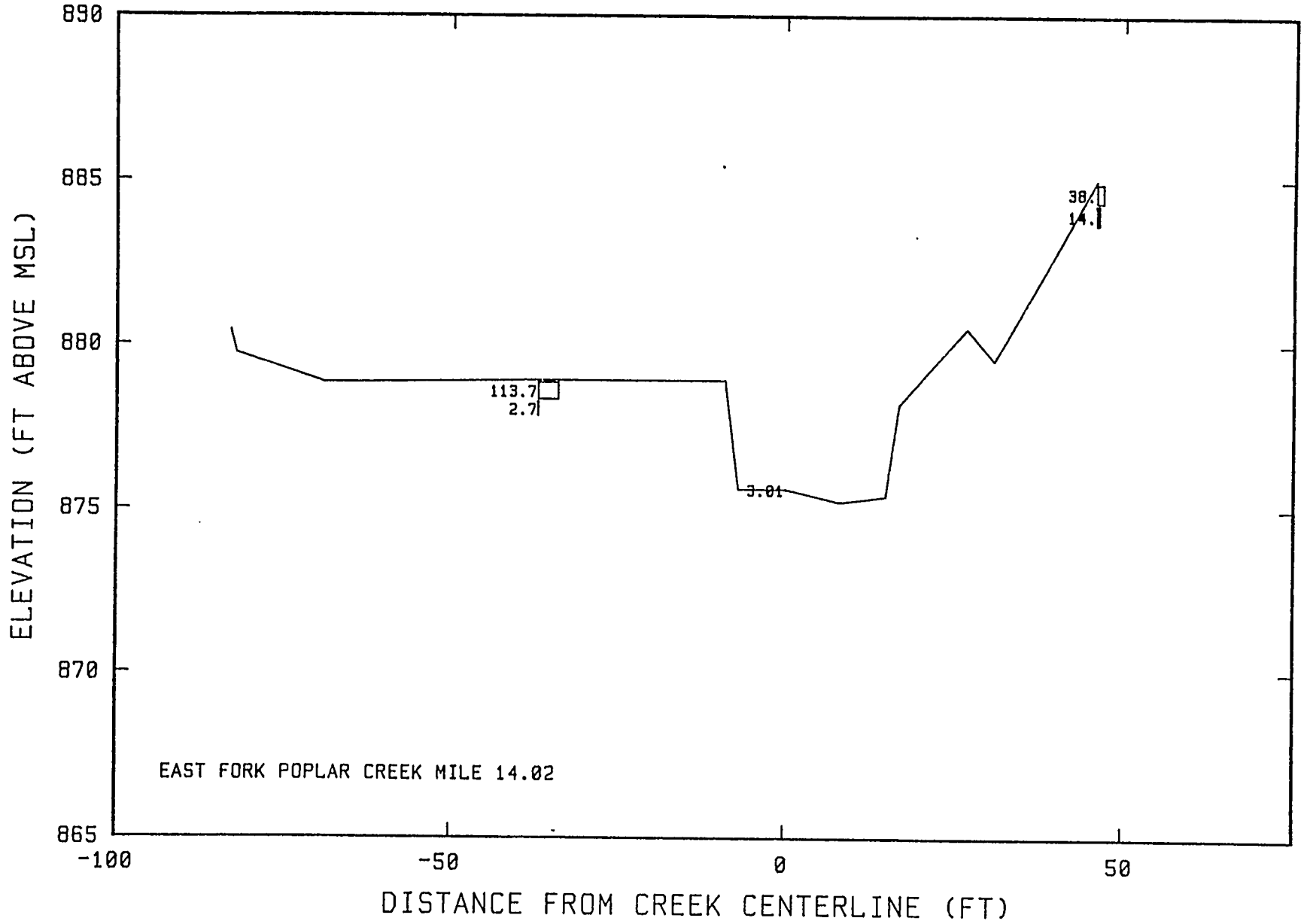

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FIG. 29

Mercury (ug/g) Associated With The Sediment Fraction Finer Than 500 um

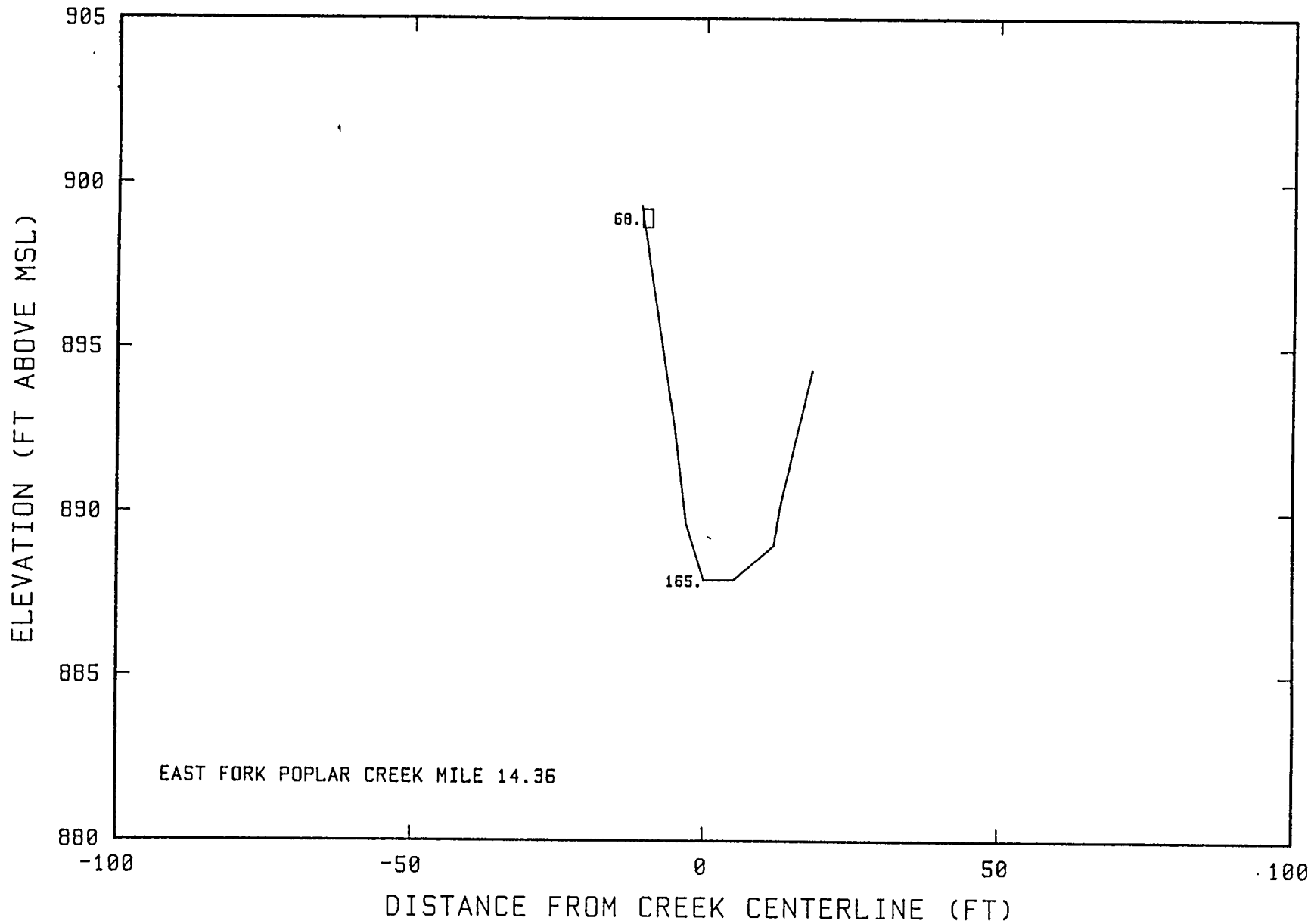

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FIG. 30

Mercury (ug/g) Associated With The Sediment Fraction Finer Than 500 um

TABLE 1

Results of Mercury Concentration and Particle Size Analyses for East Fork Poplar Creek Streambed and Floodplain Sediments

STORET code	Creek mile	Horizontal location (ft)[a]	Depth Top (in)	Depth Bottom (in)	Particle Size[b] % finer than 62μm	Particle Size[b] % finer than 500μm	Mercury Concentration[b] (μg/g) <62μm	Mercury Concentration[b] (μg/g) <500μm	Date collected
476572	0.23	0.0	1	6	20.5	96.6	42.00	69.00	6 28 84
476572	0.23	0.0	7	10	55.6	90.3	0.75	0.70	6 28 84
476572	0.23	0.0	0	0	77.5	96.4	30.00	26.40	9 21 84
470085FP	0.23	75.0	1	8	76.1	93.0	2.90	2.50	9 21 84
470085FP	0.23	75.0	1	9	NR	96.6	NR	9.60	9 21 84
470085FP	0.23	75.0	10	18	74.7	100.0	NR	0.95	9 21 84
470084FP	0.23	175.0	1	10	80.5	99.4	NR	0.53	9 21 84
476571	1.20	0.0	0	0	64.0	NR	NR	22.00	6 20 84
470013FP	1.20	17.0	1	9	14.3	71.3	15.00	8.30	6 20 84
470013FP	1.20	17.0	10	18	47.9	95.8	1.00	0.89	6 20 84
470013FP	1.20	17.0	19	36	45.6	95.7	0.90	0.80	6 20 84
470013FP	1.20	17.0	37	41	44.4	97.0	0.58	0.42	6 20 84
470013FP	1.20	17.0	42	45	45.6	95.1	0.10	0.10	6 20 84
470086FP	1.35	-351.0	1	8	82.0	98.3	NR	2.20	9 21 84
470087FP	1.35	-251.0	1	9	NR	98.9	NR	39.00	9 21 84
470087FP	1.35	-251.0	10	18	NR	98.9	NR	5.20	9 21 84
470088FP	1.35	-151.0	1	9	NR	99.0	NR	22.00	11 6 84
470088FP	1.35	-151.0	1	9	58.1	94.0	31.00	21.40	9 21 84
470088FP	1.35	-151.0	10	18	NR	99.6	NR	140.00	11 6 84
470088FP	1.35	-151.0	10	18	NR	97.4	NR	160.00	9 21 84
470088FP	1.35	-151.0	19	27	NR	99.1	NR	1.50	11 6 84
470088FP	1.35	-151.0	28	36	NR	99.2	NR	0.47	11 6 84
470089FP	1.35	-51.0	1	9	57.2	87.9	100.00	68.90	9 21 84
470089FP	1.35	-51.0	1	9	NR	97.3	NR	40.00	11 6 84
470089FP	1.35	-51.0	1	9	60.0	92.9	120.00	80.50	9 21 84
470089FP	1.35	-51.0	10	18	NR	97.9	NR	160.00	9 21 84
470089FP	1.35	-51.0	10	18	NR	99.8	NR	160.00	11 6 84
470089FP	1.35	-51.0	10	18	81.2	100.0	NR	74.00	9 21 84
470089FP	1.35	-51.0	19	27	NR	98.7	NR	8.30	11 6 84
470089FP	1.35	-51.0	28	36	NR	98.8	NR	0.55	11 6 84
470089FP	1.35	-51.0	37	45	NR	98.8	NR	0.25	11 6 84
476605	1.35	0.0	0	0	42.0	82.1	14.00	8.30	9 21 84
476570	2.36	0.0	0	0	44.0	NR	NR	12.00	6 22 84
476570	2.36	0.0	0	0	48.6	NR	NR	10.00	6 22 84
476570	2.36	0.0	0	0	28.2	71.3	34.00	17.90	9 21 84

[a]Horizontal location is given in feet from creek centerline. A negative value indicates a sampling location left of creek centerline looking downstream. A positive value indicates a sampling location right of creek centerline looking downstream.

[b]NR indicates analysis was not performed.

TABLE 1(continued)

Results of Mercury Concentration and Particle Size Analyses for East Fork Poplar Creek Streambed and Floodplain Sediments

STORET code	Creek mile	Horizontal location (ft)[a]	Depth Top (in)	Depth Bottom (in)	Particle Size[b] % finer than 62μm	Particle Size[b] % finer than 500μm	Mercury Concentration[b] (μg/g) <62μm	Mercury Concentration[b] (μg/g) <500μm	Date collected
470012FP	2.36	19.0	1	4	16.7	36.2	24.00	18.00	6 22 84
470012FP	2.36	19.0	1	4	10.1	43.8	20.00	16.00	6 22 84
470012FP	2.36	19.0	5	8	58.5	85.2	16.00	14.00	6 22 84
470012FP	2.36	19.0	9	13	68.1	96.7	14.00	12.00	6 22 84
470090FP	2.36	40.0	1	9	64.1	85.8	16.00	12.70	9 21 84
470090FP	2.36	40.0	10	18	73.6	98.6	NR	1.20	9 21 84
470091FP	2.36	140.0	1	9	62.0	90.4	NR	38.00	9 21 84
470091FP	2.36	140.0	10	18	NR	89.3	NR	3.40	9 21 84
470094FP	2.85	-150.0	1	9	56.5	97.4	NR	3.50	9 21 84
470094FP	2.85	-150.0	10	18	NR	95.2	NR	0.30	9 21 84
470094FP	2.85	-150.0	19	28	NR	96.6	NR	0.45	9 21 84
470095FP	2.85	-49.0	1	9	58.3	99.0	NR	4.40	9 21 84
470095FP	2.85	-49.0	10	15	NR	89.0	NR	0.20	9 21 84
470095FP	2.85	-49.0	16	25	NR	97.3	NR	0.35	9 21 84
470096FP	2.85	-30.0	1	9	50.2	90.4	75.00	47.30	9 21 84
470096FP	2.85	-30.0	10	18	NR	96.7	NR	46.00	9 21 84
470096FP	2.85	-30.0	19	24	54.7	100.0	NR	2.60	9 21 84
476604	2.85	0.0	0	0	13.9	34.6	48.00	27.70	9 21 84
470097FP	2.85	39.0	1	9	43.0	91.7	120.00	65.70	9 21 84
470097FP	2.85	39.0	10	18	53.1	97.5	NR	15.00	9 21 84
470092FP	3.50	-134.0	1	8	68.1	98.3	NR	0.85	9 21 84
470092FP	3.50	-134.0	9	16	NR	88.1	NR	0.16	9 21 84
470093FP	3.50	-34.0	1	8	65.7	94.8	12.00	10.20	9 21 84
470093FP	3.50	-34.0	9	15	80.4	98.9	NR	1.50	9 21 84
470011FP	3.50	-17.5	1	9	58.8	96.1	21.00	8.70	6 21 84
470011FP	3.50	-17.5	1	9	59.1	96.6	12.00	9.50	6 21 84
470011FP	3.50	-17.5	10	18	42.1	79.7	1.30	0.25	6 21 84
476569	3.50	0.0	0	0	56.6	NR	NR	19.00	6 21 84
476569	3.50	0.0	0	0	26.6	59.5	61.00	36.10	9 21 84
470010FP	4.50	-25.0	1	9	41.0	94.8	39.00	34.00	6 21 84
470010FP	4.50	-25.0	10	18	17.7	86.9	39.00	33.00	6 21 84
470010FP	4.50	-25.0	19	25	30.6	92.6	36.00	29.00	6 21 84
470010FP	4.50	-25.0	26	31	5.1	56.3	65.00	38.00	6 21 84
476568	4.50	0.0	0	0	81.9	NR	NR	32.00	6 21 84
470081FP	4.52	-36.5	1	9	67.2	93.2	16.00	12.50	9 20 84
470081FP	4.52	-36.5	10	18	NR	98.2	NR	0.50	9 20 84
470081FP	4.52	-36.5	19	27	NR	96.7	NR	0.58	9 20 84
470081FP	4.52	-36.5	19	27	NR	98.4	NR	0.75	9 20 84
470081FP	4.52	-36.5	28	36	79.7	100.0	NR	0.20	9 20 84

[a]Horizontal location is given in feet from creek centerline. A negative value indicates a sampling location left of creek centerline looking downstream. A positive value indicates a sampling location right of creek centerline looking downstream.

[b]NR indicates analysis was not performed.

TABLE 1 (continued)

Results of Mercury Concentration and Particle Size Analyses for East Fork Poplar Creek Streambed and Floodplain Sediments

STORET code	Creek mile	Horizontal location (ft)[a]	Depth Top (in)	Depth Bottom (in)	Particle Size[b] % finer than 62μm	Particle Size[b] % finer than 500μm	Mercury Concentration[b] (μg/g) <62μm	Mercury Concentration[b] (μg/g) <500μm	Date collected
470081FP	4.52	-36.5	28	36	57.1	98.8	NR	0.15	9 20 84
476603	4.52	0.0	0	0	26.5	55.5	42.00	27.10	9 20 84
470082FP	4.52	23.5	1	9	76.6	93.6	27.00	23.20	9 20 84
470082FP	4.52	23.5	10	18	NR	96.8	NR	1.00	9 20 84
470082FP	4.52	23.5	19	27	NR	98.0	NR	2.10	9 20 84
470082FP	4.52	23.5	28	36	70.6	94.2	NR	0.50	9 20 84
470082FP	4.52	23.5	28	36	72.9	100.0	NR	0.55	9 20 84
470083FP	4.52	122.5	1	9	NR	95.4	NR	0.47	11 6 84
470083FP	4.52	122.5	1	6	79.2	92.2	NR	69.00	9 20 84
470083FP	4.52	122.5	10	18	NR	88.4	NR	0.10	11 6 84
470083FP	4.52	122.5	19	24	NR	94.9	NR	0.11	11 6 84
470110FP	4.92	-225.0	1	9	NR	89.3	NR	7.00	11 6 84
470110FP	4.92	-225.0	10	18	NR	83.6	NR	0.26	11 6 84
470078FP	4.92	-125.0	1	5	80.3	98.8	NR	30.00	9 20 84
470078FP	4.92	-125.0	1	9	NR	97.1	NR	20.00	11 6 84
470078FP	4.92	-125.0	10	17	NR	95.9	NR	2.90	11 6 84
470078FP	4.92	-125.0	18	26	NR	93.3	NR	0.21	11 6 84
470079FP	4.92	-25.0	1	7	NR	73.0	NR	13.00	9 20 84
476602	4.92	0.0	0	0	17.8	42.0	46.00	30.60	9 20 84
470080FP	4.92	25.0	1	9	NR	97.7	NR	4.40	11 6 84
470080FP	4.92	25.0	1	5	54.8	95.3	37.00	23.70	9 20 84
470080FP	4.92	25.0	10	18	NR	96.4	NR	0.16	11 6 84
470009FP	5.74	-20.5	1	9	48.8	93.2	2.10	2.00	6 21 84
470009FP	5.74	-20.5	10	17	47.3	98.1	0.60	0.60	6 21 84
470009FP	5.74	-20.5	18	26	90.0	97.2	0.40	0.32	6 21 84
476567	5.74	0.0	0	0	31.1	63.4	79.00	47.20	9 20 84
476567	5.74	0.0	0	0	64.6	NR	NR	14.00	6 21 84
470036FP	5.74	20.5	1	11	51.7	98.0	23.00	21.00	6 21 84
470076FP	6.72	-125.0	1	9	76.4	87.4	190.00	171.70	9 20 84
470076FP	6.72	-125.0	1	9	85.7	99.8	50.00	44.50	9 20 84
470076FP	6.72	-125.0	10	18	NR	99.6	NR	3.10	9 20 84
470076FP	6.72	-125.0	10	18	NR	99.0	NR	1.70	9 20 84
470076FP	6.72	-125.0	19	27	NR	99.9	NR	7.30	9 20 84
470076FP	6.72	-125.0	19	27	NR	96.8	NR	2.50	9 20 84
470076FP	6.72	-125.0	19	27	NR	97.6	NR	5.00	9 20 84
470076FP	6.72	-125.0	28	36	NR	99.2	NR	0.63	9 20 84
470076FP	6.72	-125.0	28	36	NR	97.9	NR	0.42	9 20 84
470109FP	6.72	-80.0	1	9	NR	89.0	NR	260.00	11 6 84
470109FP	6.72	-80.0	10	18	NR	94.2	NR	88.00	11 6 84

[a]Horizontal location is given in feet from creek centerline. A negative value indicates a sampling location left of creek centerline looking downstream. A positive value indicates a sampling location right of creek centerline looking downstream.

[b]NR indicates analysis was not performed.

TABLE 1 (continued)

Results of Mercury Concentration and Particle Size Analyses for East Fork Poplar Creek Streambed and Floodplain Sediments

STORET code	Creek mile	Horizontal location (ft)[a]	Depth Top (in)	Depth Bottom (in)	Particle Size[b] % finer than 62μm	Particle Size[b] % finer than 500μm	Mercury Concentration[b] (μg/g) <62μm	Mercury Concentration[b] (μg/g) <500μm	Date collected
470109FP	6.72	-80.0	19	27	NR	92.3	NR	3.50	11 6 84
470109FP	6.72	-80.0	28	36	NR	95.6	NR	0.84	11 6 84
470077FP	6.72	-25.0	1	9	NR	96.9	NR	36.00	11 6 84
470077FP	6.72	-25.0	1	9	NR	96.7	NR	35.00	11 6 84
470077FP	6.72	-25.0	1	8	66.0	85.6	44.00	38.20	9 20 84
470077FP	6.72	-25.0	9	16	NR	96.0	NR	61.00	9 20 84
470077FP	6.72	-25.0	10	18	NR	97.7	NR	78.00	11 6 84
470077FP	6.72	-25.0	10	18	NR	95.8	NR	170.00	11 6 84
470077FP	6.72	-25.0	17	25	NR	98.1	NR	550.00	9 20 84
470077FP	6.72	-25.0	19	24	NR	89.1	NR	410.00	11 6 84
470077FP	6.72	-25.0	19	27	NR	95.7	NR	230.00	11 6 84
470077FP	6.72	-25.0	25	36	NR	98.0	NR	130.00	11 6 84
470077FP	6.72	-25.0	26	34	74.8	98.8	NR	60.00	9 20 84
470077FP	6.72	-25.0	26	34	69.2	98.6	NR	61.00	9 20 84
470077FP	6.72	-25.0	28	36	NR	98.9	NR	5.30	11 6 84
470077FP	6.72	-25.0	37	42	NR	98.3	NR	16.00	11 6 84
470077FP	6.72	-25.0	37	40	NR	99.3	NR	1.40	11 6 84
476566	6.72	0.0	0	0	44.2	90.4	21.00	12.30	9 20 84
476566	6.72	0.0	0	0	26.1	NR	NR	16.00	6 19 84
470008FP	6.72	13.0	1	9	26.2	93.4	46.00	31.00	6 9 84
470008FP	6.72	13.0	1	9	20.7	91.9	46.00	30.00	6 19 84
470008FP	6.72	13.0	10	18	26.1	97.3	47.00	39.00	6 19 84
470008FP	6.72	13.0	19	27	15.2	65.2	53.00	36.00	6 19 84
470008FP	6.72	13.0	28	36	21.9	59.3	50.00	49.00	6 19 84
470075FP	7.05	-26.0	1	9	51.1	81.7	160.00	110.60	9 20 84
476601	7.05	0.0	0	0	27.8	60.5	25.00	17.50	9 20 84
470073FP	7.05	128.0	1	6	NR	84.9	NR	5.30	9 20 84
470072FP	7.05	220.0	1	5	73.4	93.1	NR	1.10	9 20 84
470074FP	7.05	26.0	1	9	64.0	99.8	53.00	46.80	9 20 84
470074FP	7.05	26.0	10	18	NR	96.2	NR	2.40	9 20 84
470074FP	7.05	26.0	10	18	NR	94.3	NR	3.20	9 20 84
470074FP	7.05	26.0	19	23	NR	98.0	NR	5.70	9 20 84
470074FP	7.05	26.0	24	28	84.3	98.8	NR	2.10	9 20 84
470007FP	7.95	15.5	1	9	19.8	87.8	62.00	33.00	6 19 84
470007FP	7.95	15.5	10	18	28.0	81.3	32.00	33.00	6 19 84
476565	7.95	0.0	1	9	18.1	45.2	57.00	25.00	6 19 84
476565	7.95	0.0	1	9	31.9	40.9	59.00	25.00	6 19 84
476565	7.95	0.0	10	18	33.7	75.6	38.00	34.00	6 19 84
476565	7.95	0.0	0	0	41.0	NR	NR	32.00	6 19 84

[a]Horizontal location is given in feet from creek centerline. A negative value indicates a sampling location left of creek centerline looking downstream. A positive value indicates a sampling location right of creek centerline looking downstream.

[b]NR indicates analysis was not performed.

TABLE 1 (continued)

Results of Mercury Concentration and Particle Size Analyses for East Fork Poplar Creek Streambed and Floodplain Sediments

STORET code	Creek mile	Horizontal location (ft)[a]	Depth Top (in)	Depth Bottom (in)	Particle Size[b] % finer than 62μm	Particle Size[b] % finer than 500μm	Mercury Concentration[b] (μg/g) <62μm	Mercury Concentration[b] (μg/g) <500μm	Date collected
470108FP	8.12	-45.0	1	7	NR	95.2	NR	50.00	11 6 84
470108FP	8.12	-45.0	8	14	NR	80.1	NR	1.10	11 6 84
470069FP	8.12	-25.0	1	5	NR	97.5	NR	3.80	9 19 84
470069FP	8.12	-25.0	1	9	NR	90.9	NR	53.00	11 6 84
470069FP	8.12	-25.0	6	10	NR	97.2	NR	68.00	9 20 84
470069FP	8.12	-25.0	6	10	NR	99.0	NR	69.00	9 19 84
470069FP	8.12	-25.0	10	18	NR	93.7	NR	36.00	11 6 84
470069FP	8.12	-25.0	19	30	NR	98.6	NR	0.58	11 6 84
470069FP	8.12	-25.0	31	36	NR	99.6	NR	0.26	11 6 84
476600	8.12	0.0	0	0	20.0	58.2	11.00	11.00	9 19 84
476600	8.12	0.0	0	0	14.6	56.2	12.00	8.10	9 20 84
470071FP	8.12	75.0	1	5	70.3	95.2	NR	95.00	9 19 84
470071FP	8.12	75.0	1	9	NR	96.5	NR	28.00	11 6 84
470071FP	8.12	75.0	6	10	NR	93.4	NR	43.00	9 19 84
470071FP	8.12	75.0	10	18	NR	96.8	NR	0.41	11 6 84
470071FP	8.12	75.0	19	27	NR	97.0	NR	4.40	11 6 84
470071FP	8.12	75.0	28	36	NR	98.5	NR	0.59	11 6 84
470070FP	8.12	25.0	1	6	68.5	99.9	140.00	119.00	9 19 84
470070FP	8.12	25.0	1	9	NR	97.3	NR	85.00	11 6 84
470070FP	8.12	25.0	7	13	86.7	100.0	210.00	187.90	9 19 84
470070FP	8.12	25.0	10	18	NR	98.0	NR	4.50	11 6 84
470070FP	8.12	25.0	19	27	NR	99.0	NR	0.79	11 6 84
470070FP	8.12	25.0	28	36	NR	93.6	NR	1.10	11 6 84
470107FP	8.12	95.0	1	9	NR	94.9	NR	18.00	11 6 84
470107FP	8.12	95.0	10	18	NR	89.8	NR	1.30	11 6 84
470064FP	8.70	-225.0	1	3	NR	85.5	NR	7.40	9 19 84
470065FP	8.70	-125.0	1	9	NR	95.4	NR	35.00	11 7 84
470065FP	8.70	-125.0	1	5	NR	97.0	NR	67.00	9 19 84
470065FP	8.70	-125.0	10	18	NR	95.9	NR	0.47	11 7 84
470065FP	8.70	-125.0	19	27	NR	92.7	NR	0.70	11 7 84
470065FP	8.70	-125.0	28	36	NR	91.5	NR	0.40	11 7 84
470066FP	8.70	-25.0	1	9	64.3	94.0	74.00	60.20	9 19 84
470066FP	8.70	-25.0	10	18	NR	99.1	NR	58.00	9 19 84
470066FP	8.70	-25.0	19	27	75.5	100.0	NR	4.30	9 19 84
470066FP	8.70	-25.0	28	36	NR	98.3	NR	1.80	9 19 84
476599	8.70	0.0	0	0	28.4	50.9	77.00	54.70	9 19 84
476599	8.70	0.0	0	0	22.8	38.2	81.00	57.20	9 19 84
470067FP	8.70	25.0	1	9	NR	97.1	NR	90.00	11 7 84
470067FP	8.70	25.0	1	6	64.0	97.7	220.00	173.70	9 19 84

[a]Horizontal location is given in feet from creek centerline. A negative value indicates a sampling location left of creek centerline looking downstream. A positive value indicates a sampling location right of creek centerline looking downstream.

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TABLE 1 (continued)

Results of Mercury Concentration and Particle Size Analyses for East Fork Poplar Creek Streambed and Floodplain Sediments

STORET code	Creek mile	Horizontal location (ft)[a]	Depth Top (in)	Depth Bottom (in)	Particle Size[b] % finer than 62μm	Particle Size[b] % finer than 500μm	Mercury Concentration[b] (μg/g) <62μm	Mercury Concentration[b] (μg/g) <500μm	Date collected
470067FP	8.70	25.0	10	18	NR	98.1	NR	3.10	11 7 84
470067FP	8.70	25.0	19	27	NR	93.3	NR	0.30	11 7 84
470067FP	8.70	25.0	28	36	NR	98.6	NR	0.15	11 7 84
470068FP	8.70	125.0	1	3	69.6	98.7	19.00	14.60	9 19 84
470068FP	8.70	125.0	1	3	68.8	98.7	17.00	13.60	9 19 84
470068FP	8.70	125.0	1	9	NR	77.6	NR	4.90	11 7 84
470068FP	8.70	125.0	10	18	NR	83.8	NR	0.20	11 7 84
470068FP	8.70	125.0	19	27	NR	80.6	NR	0.21	11 7 84
470068FP	8.70	125.0	28	32	NR	73.3	NR	0.21	11 7 84
470106FP	8.70	225.0	1	9	NR	93.8	NR	1.10	11 7 84
470106FP	8.70	225.0	10	18	NR	96.6	NR	0.14	11 7 84
470106FP	8.70	225.0	19	24	NR	95.6	NR	0.11	11 7 84
470106FP	8.70	225.0	25	30	NR	95.7	NR	0.16	11 7 84
470006FP	9.21	-16.0	1	9	34.7	81.5	75.00	65.00	6 19 84
470006FP	9.21	-16.0	10	18	27.1	76.2	52.00	49.00	6 19 84
470006FP	9.21	-16.0	19	27	26.6	73.6	83.00	75.00	6 19 84
476564	9.21	0.0	0	0	40.3	NR	NR	31.00	6 19 84
470063FP	9.74	-150.0	1	5	97.5	100.0	NR	32.00	9 19 84
470063FP	9.74	-150.0	6	10	NR	92.4	NR	2.20	9 19 84
470062FP	9.74	-50.0	1	9	NR	98.5	NR	21.00	9 19 84
470062FP	9.74	-50.0	10	17	NR	96.9	NR	2.50	9 19 84
470061FP	9.74	-25.0	1	3	61.4	98.9	NR	22.00	9 19 84
470061FP	9.74	-25.0	1	3	56.7	90.0	NR	26.00	9 19 84
476598	9.74	0.0	0	0	6.0	11.6	57.00	45.30	9 19 84
470060FP	9.74	50.0	1	9	82.5	96.6	18.00	19.10	9 19 84
470060FP	9.74	50.0	10	18	NR	96.7	NR	2.50	9 19 84
470005FP	10.00	-17.0	1	9	68.6	92.1	130.00	97.00	6 19 84
470005FP	10.00	-17.0	10	18	10.6	85.4	280.00	200.00	6 19 84
470005FP	10.00	-17.0	19	27	32.7	91.7	200.00	180.00	6 19 84
470005FP	10.00	-17.0	28	36	33.6	80.7	170.00	160.00	6 19 84
476508	10.00	0.0	0	0	42.2	NR	NR	51.00	6 19 84
470056FP	10.05	-50.0	1	9	NR	95.7	NR	11.00	11 7 84
470056FP	10.05	-50.0	1	6	NR	98.5	NR	26.00	9 19 84
470056FP	10.05	-50.0	10	18	NR	95.4	NR	0.20	11 7 84
476597	10.05	0.0	0	0	52.9	92.1	43.00	36.20	9 19 84
470058FP	10.05	25.0	1	5	54.5	90.8	63.00	58.60	9 19 84
470058FP	10.05	25.0	1	6	NR	86.0	NR	72.00	11 7 84
470058FP	10.05	25.0	7	12	NR	84.6	NR	41.00	11 7 84
470059FP	10.05	125.0	0	1	NR	85.1	NR	22.00	9 19 84

[a]Horizontal location is given in feet from creek centerline. A negative value indicates a sampling location left of creek centerline looking downstream. A positive value indicates a sampling location right of creek centerline looking downstream.

[b]NR indicates analysis was not performed.

TABLE 1 (continued)

Results of Mercury Concentration and Particle Size Analyses for East Fork Poplar Creek Streambed and Floodplain Sediments

STORET code	Creek mile	Horizontal location (ft)[a]	Depth Top (in)	Depth Bottom (in)	Particle Size[b] % finer than 62μm	Particle Size[b] % finer than 500μm	Mercury Concentration[b] (μg/g) <62μm	Mercury Concentration[b] (μg/g) <500μm	Date collected
470059FP	10.05	125.0	1	9	1	94.4	NR	26.00	11 7 84
470059FP	10.05	125.0	10	18	NR	95.5	NR	0.42	11 7 84
470055FP	10.05	-150.0	1	9	NR	97.3	NR	16.00	11 7 84
470055FP	10.05	-150.0	1	5	78.3	100.0	NR	21.00	9 19 84
470055FP	10.05	-150.0	10	18	NR	96.6	NR	1.10	11 7 84
470057FP	10.05	-15.0	1	9	37.4	75.1	173.00	142.50	9 19 84
470057FP	10.05	-15.0	1	9	NR	69.1	NR	110.00	11 7 84
470057FP	10.05	-15.0	1	9	NR	81.1	NR	110.00	11 7 84
470057FP	10.05	-15.0	10	18	NR	71.7	NR	190.00	11 7 84
470057FP	10.05	-15.0	10	16	NR	80.8	NR	180.00	9 19 84
470057FP	10.05	-15.0	10	18	NR	82.9	NR	170.00	11 7 84
470057FP	10.05	-15.0	17	25	NR	90.4	NR	260.00	9 19 84
470057FP	10.05	-15.0	19	27	NR	84.5	NR	210.00	11 7 84
470057FP	10.05	-15.0	19	27	NR	84.0	NR	180.00	11 7 84
470057FP	10.05	-15.0	26	34	59.6	94.9	NR	280.00	9 19 84
470057FP	10.05	-15.0	28	36	NR	88.4	NR	290.00	11 7 84
470057FP	10.05	-15.0	28	36	NR	88.3	NR	300.00	11 7 84
470057FP	10.05	-15.0	35	45	34.0	75.5	NR	78.00	9 19 84
470057FP	10.05	-15.0	37	42	NR	68.2	NR	220.00	11 7 84
470057FP	10.05	-15.0	37	44	NR	80.3	NR	110.00	11 7 84
470105FP	10.90	-457.0	1	9	NR	92.5	NR	0.21	11 7 84
470105FP	10.90	-457.0	10	18	NR	100.0	NR	0.21	11 7 84
470103FP	10.90	-362.0	1	10	73.6	97.4	NR	75.00	9 25 84
470103FP	10.90	-362.0	1	9	NR	97.8	NR	60.00	11 7 84
470103FP	10.90	-362.0	10	18	NR	86.9	NR	0.89	11 7 84
470103FP	10.90	-362.0	19	27	NR	86.6	NR	1.90	11 7 84
470103FP	10.90	-362.0	28	36	NR	90.2	NR	0.23	11 7 84
470098FP	10.90	-277.0	1	9	NR	91.7	NR	150.00	11 7 84
470098FP	10.90	-277.0	1	9	67.9	92.0	180.00	160.80	9 25 84
470098FP	10.90	-277.0	10	18	NR	93.9	NR	400.00	11 7 84
470098FP	10.90	-277.0	19	27	NR	96.8	NR	1.60	11 7 84
470098FP	10.90	-277.0	28	34	NR	98.8	NR	1.10	11 7 84
470099FP	10.90	-154.0	1	9	85.7	96.0	860.00	924.20	9 25 84
470099FP	10.90	-154.0	10	18	96.4	99.8	20.00	20.30	9 25 84
470099FP	10.90	-154.0	19	22	NR	97.8	NR	16.00	9 25 84
470100FP	10.90	-77.0	1	9	48.2	87.1	200.00	159.50	9 25 84
470100FP	10.90	-77.0	10	18	NR	86.1	NR	1300.00	9 25 84
470100FP	10.90	-77.0	19	27	81.1	99.6	NR	750.00	9 25 84
470100FP	10.90	-77.0	28	36	79.8	100.0	NR	23.00	9 25 84

[a]Horizontal location is given in feet from creek centerline. A negative value indicates a sampling location left of creek centerline looking downstream. A positive value indicates a sampling location right of creek centerline looking downstream.

[b]NR indicates analysis was not performed.

TABLE 1 (continued)

Results of Mercury Concentration and Particle Size Analyses for East Fork Poplar Creek Streambed and Floodplain Sediments

STORET code	Creek mile	Horizontal location (ft)[a]	Depth Top (in)	Depth Bottom (in)	Particle Size[b] % finer than 62μm	Particle Size[b] % finer than 500μm	Mercury Concentration[b] (μg/g) <62μm	Mercury Concentration[b] (μg/g) <500μm	Date collected
476606	10.90	16.0	0	0	38.7	68.3	180.00	159.60	9 27 84
470101FP	10.90	-27.0	1	9	59.5	87.6	430.00	375.50	9 25 84
470101FP	10.90	-27.0	10	18	NR	85.2	NR	1100.00	9 25 84
470101FP	10.90	-27.0	19	27	90.9	100.0	NR	160.00	9 25 84
470101FP	10.90	-27.0	28	36	89.8	98.8	NR	5.60	9 25 84
470102FP	10.90	46.0	1	8	NR	97.9	NR	160.00	9 25 84
470102FP	10.90	46.0	1	8	86.6	98.7	120.00	115.60	9 25 84
470102FP	10.90	46.0	9	18	NR	95.1	NR	140.00	9 25 84
470102FP	10.90	46.0	9	18	93.0	100.0	NR	350.00	9 25 84
470102FP	10.90	46.0	19	27	NR	97.8	NR	5.40	9 25 84
470102FP	10.90	46.0	19	27	70.3	95.2	NR	3.50	9 25 84
470102FP	10.90	46.0	28	36	NR	98.4	NR	2.40	9 25 84
470102FP	10.90	46.0	28	36	NR	99.7	NR	2.80	9 25 84
470004FP	11.33	17.5	1	9	31.8	95.2	65.00	57.00	6 19 84
470004FP	11.33	17.5	1	9	19.6	92.3	68.00	63.00	6 19 84
470004FP	11.33	17.5	1	9	14.2	90.7	56.00	53.00	6 19 84
470004FP	11.33	17.5	10	18	21.9	96.8	90.00	45.00	6 19 84
470004FP	11.33	17.5	10	18	33.0	93.8	110.00	76.00	6 19 84
470004FP	11.33	17.5	19	27	32.1	89.7	12.00	11.00	6 19 84
470004FP	11.33	17.5	19	27	40.0	91.8	33.00	32.00	6 19 84
476563	11.33	0.0	0	0	41.5	NR	NR	42.00	6 19 84
470050FP	12.06	-27.0	1	9	49.1	97.4	46.00	36.20	9 19 84
470050FP	12.06	-27.0	1	9	NR	96.6	NR	62.00	11 7 84
470050FP	12.06	-27.0	10	18	NR	96.9	NR	160.00	11 7 84
470050FP	12.06	-27.0	10	17	NR	96.6	NR	-1	9 19 84
470050FP	12.06	-27.0	10	17	NR	94.9	NR	84.00	9 19 84
470050FP	12.06	-27.0	18	22	NR	98.1	NR	370.00	9 19 84
470050FP	12.06	-27.0	19	27	NR	97.5	NR	3.10	11 7 84
470050FP	12.06	-27.0	23	24	NR	98.7	NR	47.00	9 19 84
470050FP	12.06	-27.0	28	36	NR	98.1	NR	1.70	11 7 84
470050FP	12.06	-27.0	37	44	NR	97.1	NR	0.95	11 7 84
476596	12.06	0.0	0	0	4.3	8.9	22.00	16.40	9 19 84
470051FP	12.06	21.0	1	3	68.2	99.7	NR	0.37	9 19 84
470052FP	12.06	51.0	1	5	NR	96.0	NR	6.80	9 19 84
470053FP	12.06	100.0	0	1	NR	93.2	NR	0.63	9 19 84
470054FP	12.06	200.0	0	1	35.8	94.6	NR	1.40	9 19 84
476561	12.39	0.0	0	0	53.0	NR	NR	12.00	6 18 84
476560	12.89	0.0	0	0	31.9	NR	NR	55.00	6 18 84
470002FP	12.89	19.0	1	22	33.1	89.9	55.00	53.00	6 18 84

[a]Horizontal location is given in feet from creek centerline. A negative value indicates a sampling location left of creek centerline looking downstream. A positive value indicates a sampling location right of creek centerline looking downstream.

[b]NR indicates analysis was not performed.

TABLE 1 (continued)

Results of Mercury Concentration and Particle Size Analyses for East Fork Poplar Creek Streambed and Floodplain Sediments

STORET code	Creek mile	Horizontal location (ft)[a]	Depth Top (in)	Depth Bottom (in)	Particle Size[b] % finer than 62μm	Particle Size[b] % finer than 500μm	Mercury Concentration[b] (μg/g) <62μm	Mercury Concentration[b] (μg/g) <500μm	Date collected
470002FP	12.89	19.0	1	9	42.0	96.3	74.00	71.00	6 18 84
470002FP	12.89	19.0	10	18	25.3	69.4	53.00	51.00	6 18 84
470049FP	13.00	-117.5	1	9	NR	97.7	NR	15.00	11 7 84
470049FP	13.00	-117.5	1	9	NR	92.8	NR	24.00	9 18 84
470049FP	13.00	-117.5	10	18	NR	90.8	NR	1.00	11 7 84
470048FP	13.00	-67.5	1	8	68.8	87.1	80.00	69.00	9 18 84
470048FP	13.00	-67.5	1	9	NR	92.4	NR	130.00	11 7 84
470048FP	13.00	-67.5	9	16	NR	-1	NR	190.00	9 18 84
470048FP	13.00	-67.5	10	18	NR	97.3	NR	16.00	11 7 84
470048FP	13.00	-67.5	19	28	NR	91.8	NR	0.21	11 7 84
476595	13.00	0.0	0	0	15.3	22.2	12.00	12.50	9 18 84
470045FP	13.00	220.0	1	8	NR	83.0	NR	39.00	9 18 84
470045FP	13.00	220.0	1	9	NR	94.7	NR	130.00	11 7 84
470045FP	13.00	220.0	1	8	83.0	99.9	NR	71.00	9 18 84
470045FP	13.00	220.0	10	18	NR	91.7	NR	1.50	11 7 84
470045FP	13.00	220.0	19	27	NR	97.7	NR	0.25	11 7 84
470045FP	13.00	220.0	28	30	NR	99.1	NR	0.37	11 7 84
470047FP	13.00	20.0	1	9	57.1	76.5	3.50	3.20	9 18 84
470047FP	13.00	20.0	1	9	65.1	92.6	12.00	9.70	9 18 84
470047FP	13.00	20.0	10	18	77.5	99.7	NR	0.58	9 18 84
470047FP	13.00	20.0	19	27	72.2	94.1	NR	0.10	9 18 84
470046FP	13.00	120.0	1	9	89.6	99.8	85.00	83.20	9 18 84
470046FP	13.00	120.0	10	18	NR	98.7	NR	3.60	9 18 84
470046FP	13.00	120.0	19	24	NR	92.8	NR	2.10	9 18 84
470104FP	13.00	265.0	1	9	NR	87.5	NR	24.00	11 7 84
470104FP	13.00	265.0	10	18	NR	92.5	NR	130.00	11 7 84
470104FP	13.00	265.0	19	28	NR	91.2	NR	8.00	11 7 84
470042FP	13.55	-112.0	1	8	68.0	95.6	1.00	1.07	9 18 84
470042FP	13.55	-112.0	9	16	74.6	93.4	0.25	0.23	9 18 84
470042FP	13.55	-112.0	17	25	NR	92.7	NR	0.10	9 18 84
470042FP	13.55	-112.0	26	36	NR	94.4	NR	0.15	9 18 84
470041FP	13.55	-21.0	1	9	61.3	99.5	610.00	459.50	9 18 84
470041FP	13.55	-21.0	10	18	63.5	95.5	NR	720.00	9 18 84
470041FP	13.55	-21.0	19	27	NR	87.0	NR	83.00	9 18 84
470041FP	13.55	-21.0	28	36	NR	92.9	NR	20.00	9 18 84
476593	13.55	0.0	0	0	22.2	33.1	36.00	48.30	9 18 84
476593	13.55	0.0	0	0	20.9	35.8	30.00	28.20	9 18 84
470040FP	13.55	20.0	1	9	60.5	96.4	900.00	615.30	9 18 84
470040FP	13.55	20.0	1	9	52.5	96.1	1000.00	636.80	9 18 84

[a]Horizontal location is given in feet from creek centerline. A negative value indicates a sampling location left of creek centerline looking downstream. A positive value indicates a sampling location right of creek centerline looking downstream.

[b]NR indicates analysis was not performed.

TABLE 1 (continued)

Results of Mercury Concentration and Particle Size Analyses for East Fork Poplar Creek Streambed and Floodplain Sediments

STORET code	Creek mile	Horizontal location (ft)[a]	Depth Top (in)	Depth Bottom (in)	Particle Size[b] % finer than 62μm	Particle Size[b] % finer than 500μm	Mercury Concentration[b] (μg/g) <62μm	Mercury Concentration[b] (μg/g) <500μm	Date collected
470040FP	13.55	20.0	10	18	NR	90.0	NR	61.00	9 18 84
470040FP	13.55	20.0	19	27	NR	92.7	NR	9.00	9 18 84
470040FP	13.55	20.0	28	36	NR	87.0	NR	3.00	9 18 84
470039FP	13.55	117.0	1	9	NR	90.3	NR	460.00	9 18 84
470039FP	13.55	117.0	10	18	88.7	94.2	75.00	76.60	9 18 84
470039FP	13.55	117.0	19	27	NR	93.5	NR	16.00	9 18 84
470039FP	13.55	117.0	28	34	NR	82.2	NR	1.90	9 18 84
470038FP	13.55	228.0	1	9	NR	97.5	NR	24.00	11 7 84
470038FP	13.55	228.0	1	6	NR	96.8	NR	34.00	9 18 84
470038FP	13.55	228.0	10	18	NR	97.7	NR	0.15	11 7 84
470026FP	13.66	-280.0	1	4	51.0	94.8	1.50	1.40	6 26 84
470026FP	13.66	-280.0	1	4	47.8	94.8	1.60	1.40	6 26 84
470026FP	13.66	-280.0	5	8	68.0	90.4	0.75	0.50	6 26 84
470027FP	13.66	-180.0	1	11	42.4	95.0	960.00	950.00	6 26 84
470027FP	13.66	-180.0	12	19	37.3	93.1	57.00	53.00	6 26 84
470027FP	13.66	-180.0	20	30	35.3	93.8	5.80	4.60	6 26 84
470028FP	13.66	-80.0	1	6	30.6	91.8	190.00	160.00	6 26 84
470028FP	13.66	-80.0	7	12	61.7	97.6	500.00	450.00	6 26 84
470028FP	13.66	-80.0	13	18	52.9	90.9	20.00	25.00	6 26 84
470028FP	13.66	-80.0	19	24	51.4	93.2	5.50	8.70	6 26 84
476588	13.66	0.0	0	0	23.5	66.2	NR	62.00	6 26 84
476588	13.66	0.0	0	0	24.1	60.3	NR	63.00	6 26 84
470029FP	13.66	5.0	1	4	28.7	73.6	86.00	71.00	6 26 84
470030FP	13.66	105.0	1	4	46.2	90.2	5.10	4.90	6 26 84
470030FP	13.66	105.0	5	8	61.0	93.8	0.65	0.15	6 26 84
470031FP	13.66	205.0	1	6	46.9	89.9	2.30	2.10	6 27 84
470025FP	13.71	-470.0	1	4	41.2	85.4	1.00	0.83	6 26 84
470021FP	13.71	-270.0	1	10	28.6	94.6	130.00	250.00	6 22 84
470021FP	13.71	-270.0	11	20	55.4	93.2	2000.00	1800.00	6 22 84
470021FP	13.71	-270.0	21	30	39.5	91.1	5.60	5.00	6 22 84
470021FP	13.71	-270.0	31	39	23.8	83.6	3.60	2.00	6 22 84
470020FP	13.71	-170.0	1	7	60.2	98.4	320.00	280.00	6 22 84
470020FP	13.71	-170.0	1	7	40.0	99.9	200.00	170.00	6 22 84
470020FP	13.71	-170.0	8	14	35.1	94.9	1100.00	820.00	6 22 84
470020FP	13.71	-170.0	8	14	45.3	93.5	2000.00	1400.00	6 22 84
470020FP	13.71	-170.0	15	26	47.2	96.8	7.40	6.10	6 22 84
470020FP	13.71	-170.0	15	26	63.3	96.8	46.00	34.00	6 22 84
470020FP	13.71	-170.0	27	38	62.3	95.0	3.60	3.40	6 22 84
470020FP	13.71	-170.0	27	38	63.5	91.2	1.30	1.00	6 22 84

[a]Horizontal location is given in feet from creek centerline. A negative value indicates a sampling location left of creek centerline looking downstream. A positive value indicates a sampling location right of creek centerline looking downstream.

[b]NR indicates analysis was not performed.

TABLE 1 (continued)

Results of Mercury Concentration and Particle Size Analyses for East Fork Poplar Creek Streambed and Floodplain Sediments

STORET code	Creek mile	Horizontal location (ft)[a]	Depth Top (in)	Depth Bottom (in)	Particle Size[b] % finer than 62μm	Particle Size[b] % finer than 500μm	Mercury Concentration[b] (μg/g) <62μm	Mercury Concentration[b] (μg/g) <500μm	Date collected
470019FP	13.71	-70.0	1	10	22.3	91.4	140.00	94.00	6 22 84
470019FP	13.71	-70.0	11	20	41.0	97.6	220.00	190.00	6 22 84
470019FP	13.71	-70.0	21	30	65.2	98.9	4.10	2.60	6 22 84
470019FP	13.71	-70.0	31	40	81.2	94.9	1.70	0.95	6 22 84
476573	13.71	0.0	0	0	35.7	NR	NR	44.00	6 22 84
470023FP	13.71	30.0	1	10	37.8	88.8	30.00	23.00	6 22 84
470023FP	13.71	30.0	11	18	39.8	84.2	5.70	5.30	6 22 84
470023FP	13.71	30.0	19	24	38.9	84.5	2.40	2.00	6 22 84
470023FP	13.71	30.0	25	32	40.2	84.4	0.45	0.26	6 22 84
470022FP	13.71	130.0	1	4	77.6	97.5	27.00	26.00	6 22 84
470022FP	13.71	130.0	1	4	79.8	96.4	34.00	26.00	6 22 84
470024FP	13.71	-370.0	1	4	47.5	92.5	38.00	34.00	6 26 84
470024FP	13.71	-370.0	1	4	35.6	91.8	34.00	35.00	6 26 84
470024FP	13.71	-370.0	5	8	40.3	90.4	13.00	9.00	6 26 84
470024FP	13.71	-370.0	9	12	40.6	93.2	0.10	0.10	6 26 84
470024FP	13.71	-370.0	13	16	61.9	96.1	0.21	0.10	6 26 84
470001FP	13.74	-14.0	1	22	57.8	93.8	3.20	3.00	6 18 84
470001FP	13.74	-14.0	23	31	46.4	94.0	0.32	0.50	6 18 84
476546	13.74	0.0	0	0	28.5	69.2	NR	29.00	6 18 84
470043FP	14.02	-37.0	1	7	65.1	99.6	155.00	113.70	9 18 84
470043FP	14.02	-37.0	8	13	85.6	100.0	NR	2.70	9 18 84
476594	14.02	0.0	0	0	29.4	43.7	3.50	3.01	9 18 84
470044FP	14.02	46.0	1	8	NR	93.8	NR	38.00	9 18 84
470044FP	14.02	46.0	9	16	NR	94.8	NR	14.00	9 18 84
470000FP	14.36	-11.0	1	8	21.8	83.7	99.00	68.00	6 18 84
476507	14.36	0.0	0	0	47.5	85.2	NR	170.00	6 18 84
476507	14.36	0.0	0	0	44.4	83.8	NR	160.00	6 18 84

[a]Horizontal location is given in feet from creek centerline. A negative value indicates a sampling location left of creek centerline looking downstream. A positive value indicates a sampling location right of creek centerline looking downstream.

[b]NR indicates analysis was not performed.

TABLE 2

INSTREAM CONTAMINANT STUDY - TASK 2
MERCURY CONTAMINATED SEDIMENT - MERCURY, PHYSICAL,
AND RADIOLOGICAL ANALYSES RESULTS

APPENDIX I - TABLE 2

EAST FORK POPLAR CREEK

STORET RETRIEVAL DATE 85/04/11

476572
35 55 58.0 084 23 11.8 1
TRIBUTARY TO POPLAR CREEK 5.47
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 0.23
132TVAC 840706
0000 FEET DEPTH CSN-RSP 0737289-0695432

/TYPA/AMBNT/STREAM

DATE FROM TC	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	00002 HSAMPLOC % FROM RT BANK	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71921 MERCURY SEDMG/KG DRY WGT	71922 MERCURY LT 63 U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG
84/06/28	15 30		881	A	1.0	6.0	50	34.4	2.42		42.00A	69.00A
	15 35		882	B	7.0	12.0	50				0.75	0.70
	16 00		4051397R	A	1.0	6.0	50					
	16 05		4051405R	B	7.0	10.0	50					
84/09/21	09 00		6226	D126			75	54.5	2.40		30.00	26.50

DATE FROM TC	TIME OF DAY	DEPTH FEET	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM
84/06/28	15 30		20.5		96.6	99.8
	15 35		55.6		90.3	99.7
84/09/21	09 00		77.5	88.9	96.4	98.3

STORET RETRIEVAL DATE 85/04/12

476572
35 55 58.0 084 23 11.8 1
TRIBUTARY TO POPLAR CREEK 5.47
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 0.23
132TVAC 840706
0000 FEET DEPTH CSN-RSP 0737289-0695432

/TYPA/AMENT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CCCC ALPHA	70320 MOISTURE CONTENT PERCENT	70322 RESIDUE TOT VOL PERCENT	71821 SPECIFIC GRAVITY SEDGM/CM	81356 CATION EX. CAP. MEA/100G	71921 MERCURY SEDMG/KG DRY WGT	81756 TOT SED PARTSIZ% <.0005MM	80181 TOT SED PARTSIZE %<.002MM	80183 TOT SED PARTSIZE %<.008MM
84/06/28	15 30		881	A	34		2.42					
	15 35		882	B								
	16 00		4051397R	A								
	15 05		4051405R	B								
84/09/21	09 00		6226	C126	55		2.40					

DATE FROM TO	TIME OF DAY	DEPTH FEET	80184 TOT SED PARTSIZE %<.016MM	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80209 TOT SED SIEVE %<2.00MM	70281 SED PART 2000-635 0SIZ%TOT	70280 SED PART 500-1000 SIZE%TOT	70283 SED PART 125-500U SIZE%TOT	70282 SED PART 63-125J SIZE%TOT	71925 MERCURY 2000-635 0J MG/KG
84/06/28	15 30			20.5		95.60	99.8					
	15 35			55.6		99.30	99.7					
84/09/21	09 00			77.5	88.9	95.40	98.3	1.7	1.9	7.5	11.4	3.3

DATE FROM TO	TIME OF DAY	DEPTH FEET	71924 MERCURY 500-2000 U MG/KG	71923 MERCURY 125-500U MG/KG	71926 MERCURY 63-125 U MG/KG	00657 OIL-GRSE MUD FRGR MG/KG	00721 CYANIDE SEDMG/KG DRY WGT	01003 ARSENIC SEDMG/KG DRY WGT	01028 CD MUD DRY WGT MG/KG-CD	01029 CHROMIUM SEDMG/KG DRY WGT	01052 LEAD SEDMG/KG DRY WGT	01068 NICKEL SEDMG/KG DRY WGT
84/09/21	09 00		9.0	10.0	13.0							

DATE FROM TO	TIME OF DAY	DEPTH FEET	01078 SILVER SEDMG/KG DRY WGT	01163 ZR MUD DRY WGT MG/KG-ZR	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG	80329 MERCURY LT6.35MM SEDMG/KG
84/06/28	15 30				42.00A		69.0A		
	15 35				0.75		0.7		
84/09/21	09 00				30.00	27.8	26.5	26.0	25.7

STORET RETRIEVAL DATE 85/04/12

476572
35 56 58.0 084 23 11.8 1
TRIBUTARY TO POPLAR CREEK 5.47
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 0.23
132TVAC 840706
0000 FEET DEPTH CSN-RSP 0737289-0695432

/TYPA/APENT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	01507 ALPHA SEDIMENT PC/G	01508 ALPHA SED-ERR PC/G	03507 BETA SEDIMENT PC/G	03508 BETA SED-ERR PC/G	09507 RA-226 SEDIMENT PC/G	09508 RA-226 SED-ERR PC/G
84/06/28	15 30		881	A	1.0	6.0						
	15 35		882	B	7.0	12.0						
	16 00		4051397R	A	1.0	6.0	4.0	1.0	37	8		
	16 05		4051405R	B	7.0	10.0	3.0	1.0	30	6		
84/09/21	09 00		6226	D126								

DATE FROM TO	TIME OF DAY	DEPTH FEET	11506 RA-224 SEDIMENT PCI/G	11507 RA-224 SED-ERR PCI/G	11508 RA-223 SEDIMENT PCI/G	11509 RA-223 SEDIMENT ERROR	15505 SR-89 SEDIMENT PCI/G	15506 SR-89 SED-ERR PCI/G	15507 SR-90 SEDIMENT PCI/G	15508 SR-90 SED-ERR PCI/G	17509 PB-212 SEDIMENT PCI/G	17510 PB-212 SED-ERR PCI/G
84/06/28	16 00		2.10	0.60	1.20	0.50	0.0	0.5	0.2	0.2	1.70	0.20
	16 05						0.1	0.5	0.2	0.2	1.60	0.20

DATE FROM TO	TIME OF DAY	DEPTH FEET	17511 PB-214 SEDIMENT PCI/G	17512 PB-214 SED-ERR PCI/G	21503 PA-233 SEDIMENT PCI/G	21504 PA-233 SED-ERR PCI/G	21505 MPA-234 SEDIMENT PCI/G	21506 MPA-234 SED-ERR PCI/G	21508 PA-234 SEDIMENT PCI/G	21509 PA-234 SEDIMENT ERROR	22016 PU-238 SEDIMENT PCI/G	22017 PU-238 SEDIMENT ERRC
84/06/28	16 00		1.10	0.20							0.0080	0.0030
	16 05		1.50	0.20							0.0020	0.0010

DATE FROM TO	TIME OF DAY	DEPTH FEET	22018 PU-239 SEDIMENT PCI/G	22019 PU-239 SEDIMENT ERRO	22200 BE-7 SEDIMENT PCI/G	22201 BE-7 SED-ERR PCI/G	22250 NA-22 SEDIMENT PCI/G	22251 NA-22 SED-ERR PCI/G	22300 K-40 SEDIMENT PCI/G	22301 K-40 SED-ERR PCI/G	22350 TL-208 SEDIMENT PCI/G	22351 TL-208 SED-ERR PCI/G
84/06/28	16 00		0.041	0.008					16.0	2.0	0.62	0.08
	16 05								13.0	2.0	0.55	0.05

STORET RETRIEVAL DATE 85/04/12

476572
35 56 58.0 084 23 11.8 1
TRIBUTARY TO POPLAR CREEK 5.47
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 060102
EAST FORK POPLAR CREEK 0.23
132TVAC 840706
0000 FEET DEPTH CSN-RSP 0737289-0695432

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	22375 BI-212 SEDIMENT PCI/G	22376 BI-212 SED-ERR PCI/G	22377 BI-214 SEDIMENT PCI/G	22378 BI-214 SED-ERR PCI/G	22450 AM-241 SEDIMENT PCI/G	22451 AM-241 SEDIMENT ERRO	22475 CU-244 SEDMENT PCI/G	22476 CU-244 SEDIMENT ERRO	22507 TH-234 SEDIMENT PCI/G	22508 TH-234 SED-ERR PCI/G
84/06/28	16 00		1.9	0.5	1.90	0.10	0.033	0.008	0.0060	0.0030	6.0	1.0
	16 05		1.9	0.6	1.40	0.20	0.011	0.003	0.0080	0.0030	5.0	1.0

DATE FROM TO	TIME OF DAY	DEPTH FEET	22608 URANIUM SEDIMENT UG/G	22609 URANIUM SED-ERR UG/G	22612 U-235 SEDIMENT PCI/G	22613 U-235 SED-ERR PCI/G	22503 THORIUM/ URANIUM RATIO	22504 TH-ALPHA TOT WAT PC/L	27999 RU-106 SEDIMENT PCI/	28000 RU-106 SEDIMENT ERROR	28416 CS-134 SEDIMENT PCI/G	28417 CS-134 SED-ERR PCI/G
84/06/28	16 00		26.00	8.00								
	16 05		8.00	2.00							0.070	0.020

DATE FROM TO	TIME OF DAY	DEPTH FEET	28418 CS-137 SEDIMENT PCI/G	28419 CS-137 SED-ERR PCI/G	29604 CO-60 SEDIMENT PCI/G	29605 CO-60 SED-ERR PCI/G	29650 EU-152 SEDIMENT PCI/G	29651 EU-152 SEDIMENT ERRO	29652 EU-154 SEDIMENT PCI/G	29653 EU-154 SEDIMENT ERRO
84/06/28	16 00		1.3	0.1	0.350	0.060				

STORET RETRIEVAL DATE 85/09/10

470084FP
35 56 58.0 084 23 11.8 1
175 FEET FROM STREAMBED CENTER LK DS OF RIGHT BK
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EFPC 0.23 FLOODPLAIN SAMPLE OC-123
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749213-0695293

/TYPA/APENT/LNC/SOLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/21	09 25		6222	A	1.0	10.0	7.5	2.37			0.53	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/09/21	09 25				80.5	94.1	99.4	100.0	

STORET RETRIEVAL DATE 85/04/10

470085FP
35 56 58.0 084 23 11.8 1
75 FEET FROM STREAMBED CENTER LK DS OF RIGHT BK
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EFPC 0.23 FLOODPLAIN SAMPLE OC-124
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749214-0695294

/TYPA/AMBNT/LNC/SCLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/21	09 15		6223	A	1.0	8.0	13.4	2.45	2.90	2.66	2.56	2.47
	09 17		6224	B	1.0	9.0	18.8	2.45			9.60	
	09 19		6225	C	10.0	18.0					0.95	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM	70281 SED PART 2000-635 0SIZ%TOT	70280 SED PART 500-2000 SIZE%TOT	70283 SED PART 125-500U SIZE%TOT
84/09/21	09 15		2.39		76.1	86.5	93.0	96.8		3.2	3.8	6.5
	09 17						96.6					
	09 19				74.7	97.1	100.0	100.0				

DATE FROM TO	TIME OF DAY	DEPTH FEET	70282 SED PART 63-125U SIZE%TOT	71925 MERCURY 2000-635 0U MG/KG	71924 MERCURY 500-2000 U MG/KG	71923 MERCURY 125-500U MG/KG	71926 MERCURY 63-125 U MG/KG
84/09/21	09 15		10.4	0.1	0.3	1.2	0.8

STORET RETRIEVAL DATE 85/04/10

470013FP
35 55 55.7 084 22 26.9 1
17 FEET FROM STREAMBED CENTER LK DS OF RIGHT BK
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EFPC 1.2 FLOODPLAIN SAMPLE OC-14
132TVAC 840810
0000 FEET DEPTH CSN-RSP 0740091-0695217

/TYPA/AMENT/LNC/SCLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00009 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/06/20	13 30		484	A	1.0	9.0	20.3	2.54	15.00A		8.30A	
	13 33		485	B	10.0	18.0			1.00		0.90	
	13 36		486	C	15.0	36.0			0.90		0.80	
	13 39		487	D	37.0	41.0			0.58		0.40	
	13 42		488	E	42.0	45.0			0.10		0.10	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/06/20	13 30				14.3		71.3	100.0	
	13 33				47.9		95.8	100.0	
	13 36				45.6		95.7	100.0	
	13 39				44.4		97.0	100.0	
	13 42				45.6		95.1	100.0	

STORET RETRIEVAL DATE 85/04/12

476605
35 57 03.0 084 22 23.0 2
INSTREAM SAMPLE
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 1.35
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749237-0695476

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	70320 MOISTURE CONTENT PERCENT	70322 RESIDUE TOT VOL PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	81356 CATION EX. CAP. MEA/100G	71921 MERCURY SEDMG/KG DRY WGT	81756 TOT SED PARTSIZ% <.0005MM	80181 TOT SED PARTSIZE %<.002MM	80183 TOT SED PARTSIZE %<.008MM
84/09/21	10 00		6221	0122	39		2.49					

DATE FROM TO	TIME OF DAY	DEPTH FEET	80184 TOT SED PARTSIZE %<.016MM	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80209 TOT SED SIEVE %<2.00MM	70281 SED PART 2000-635 0SIZ%TOT	70280 SED PART 500-2000 SIZE%TOT	70283 SED PART 125-500U SIZE%TOT	70282 SED PART 63-125J SIZE%TOT	71925 MERCURY 2000-635 0J MG/KG
84/09/21	10 00			42.0	53.6	82.10	92.2	7.8	10.1	28.5	11.6	0.5

DATE FROM TO	TIME OF DAY	DEPTH FEET	71924 MERCURY 500-2000 U MG/KG	71923 MERCURY 125-500U MG/KG	71926 MERCURY 63-125 U MG/KG	00557 OIL-GRSE MUD FRGR MG/KG	00721 CYANIDE SEDMG/KG DRY WGT	01003 ARSENIC SEDMG/KG DRY WGT	01028 CD MUD DRY WGT MG/KG-CD	01029 CHROMIUM SEDMG/KG DRY WGT	01052 LEAD SEDMG/KG DRY WGT	01068 NICKEL SEDMG/KG DRY WGT
84/09/21	10 00		6.7	2.7	1.2							

DATE FROM TO	TIME OF DAY	DEPTH FEET	01078 SILVER SEDMG/KG DRY WGT	01163 ZR MUD DRY WGT MG/KG-ZR	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG	80329 MERCURY LT6.35MM SEDMG/KG
84/09/21	10 00				14.00	11.2	8.3	8.1	7.5

STORET RETRIEVAL DATE 85/04/10

470086FP
35 57 03.0 084 22 23.0 2
351 FEET FROM STREAMBED CENTER LK DS OF LEFT BK
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EFPC 1.35 FLOODPLAIN SAMPLE OC-117
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749215-0695295

/TYPA/APPNT/LNO/SCLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/09/21	10 25				82.0	94.0	98.3	100.0	

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/21	10 25		6212	A	1.0	8.0	12.3	2.56			2.20	

STORET RETRIEVAL DATE 85/05/01

470087FP
35 57 03.0 084 22 23.0 2
251 FEET FROM STREAMBED CENTER LK DS OF LEFT BK
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EPPC 1.35 FLOODPLAIN SAMPLE OC-118
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749216-0695296

/TYPA/AMBNT/LND/SOLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500J SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/21	10 30		6215	A	1.0	9.0	16.6	2.52			39.00	
	10 32		6216	B	10.0	18.0					5.20	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/09/21	10 30						98.9		
	10 32						98.9		

STORET RETRIEVAL DATE 85/04/10

470088FP
35 57 03.0 084 22 23.0 2
151 FEET FROM STREAMBED CENTER LK DS OF LEFT BK
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EFPC 1.35 FLOODPLAIN SAMPLE OC-119
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749217-0695297

/TYPA/AMBNT/LNC/SOLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/21	10 35		6217	A	1.0	9.0	24.3	2.34	31.00	25.50	21.40	21.80
	10 37		6218	B	10.0	18.0					160.00	
84/11/06	09 40			AX	1.0	9.0					22.00	
	09 42			BX	10.0	18.0					140.00	
	09 44			CX	19.0	27.0					1.50	
	09 46			DX	28.0	36.0					0.47	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM	70281 SED PART 2000-635 0SIZ%TOT	70280 SED PART 500-2000 SIZE%TOT	70283 SED PART 125-500U SIZE%TOT
84/09/21	10 35		22.00		58.1	73.7	94.0	98.2		1.8	4.3	20.3
	10 37						97.4					
84/11/06	09 40						99.0					
	09 42						99.6					
	09 44						99.1					
	09 46						99.2					

DATE FROM TO	TIME OF DAY	DEPTH FEET	70282 SED PART 63-125U SIZE%TOT	71925 MERCURY 2000-635 0U MG/KG	71924 MERCURY 500-2000 U MG/KG	71923 MERCURY 125-500U MG/KG	71925 MERCURY 63-125 U MG/KG
84/09/21	10 35		15.6	32.0	31.0	6.5	5.1

STORET RETRIEVAL DATE 85/04/10

470089FP
35 57 03.0 084 22 23.0 2
51 FEET FROM STREAMBED CENTER LK DS OF LEFT BK
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EFPC 1.35 FLOODPLAIN SAMPLE OC-120
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749218-0695298

/TYPA/AMBNT/LNC/SOLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/21	10 40		6219	A	1.0	9.0	16.6	2.39	120.00	91.40	80.50	80.40
	10 42		6220	B	10.0	18.0					160.00	
	10 45		6213	X	1.00	9.00	16.4	2.30	100.00	82.20	69.00	69.90
	10 47		6214	Y	10.00	18.00					74.00	
84/11/06	10 10			AX	1.0	9.0					40.00	
	10 12			BX	10.0	18.0					160.00	
	10 14			CX	19.0	27.0					8.30	
	10 16			DX	28.0	36.0					0.55	
	10 18			EX	37.0	45.0					0.25	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM	70281 SED PART 2000-635 0SIZ%TOT	70280 SED PART 500-2000 SIZE%TOT	70283 SED PART 125-500U SIZE%TOT
84/09/21	10 40		80.10		60.0	80.0	92.9	98.4		1.6	5.4	12.9
	10 42						97.9					
	10 45		69.60		58.1	73.7	94.0	98.2		6.1	6.0	16.6
	10 47				81.2	95.2	100.0	100.0				
84/11/06	10 10						97.3					
	10 12						99.8					
	10 14						98.7					
	10 16						98.8					
	10 18						98.8					

DATE FROM TO	TIME OF DAY	DEPTH FEET	70282 SED PART 63-125U SIZE%TOT	71925 MERCURY 2000-635 0U MG/KG	71924 MERCURY 500-2000 U MG/KG	71923 MERCURY 125-500U MG/KG	71926 MERCURY 63-125 U MG/KG
84/09/21	10 40		20.1	61.0	79.0	12.0	6.3
	10 45		14.0	65.0	84.0	12.0	9.8

STORET RETRIEVAL DATE 85/04/10

470012FP
35 57 32.3 084 21 52.6 1
19 FEET FROM STREAMBED CENTER LK DS OF RIGHT BK
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EFPC 2.36 FLOODPLAIN SAMPLE OC-13
132TVAC 840810
0000 FEET DEPTH CSN-RSP 0740090-0695216

/TYPA/AMBNT/LNC/SCLIDS/SHSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/06/22	11 00		562	A	1.0	4.0	17.8	2.52	20.00A		16.00A	
	11 02		586	AD	1.0S	4.0S	18.4	2.60	24.00A		18.00A	
	11 05		563	B	5.0	8.0			16.00		14.00	
	11 10		564	C	9.0	13.0			14.00		12.00	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/06/22	11 00				10.1		43.8	73.5	
	11 02				16.7		36.2	72.3	
	11 05				58.5		85.2	95.6	
	11 10				68.1		96.7	100.0	

STORET RETRIEVAL DATE 85/04/10

470030FP
35 57 32.5 084 21 52.6 1
40 FEET FROM STREAMBED CENTER LK DS OF RIGHT BK
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EPPC 2.35 FLOODPLAIN SAMPLE OC-114
132TVAC 841025
0000 FEET DEPTH CSN-RSP 0749219-0695299

/TYPA/AMENT/LNC/SCLICS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/21	12 00		6207	A	1.0	9.0	14.2	2.45	16.00	13.20	12.70	13.50
	12 02		6208	B	10.0	18.0					1.20	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM	70281 SED PART 2000-635 0SIZ%TOT	70280 SED PART 500-2000 SIZE%TOT	70283 SED PART 125-500U SIZE%TOT
84/09/21	12 00		14.90		64.1	81.3	85.8	91.0		8.9	5.2	4.5
	12 02				73.6	93.4	98.6	100.0				

DATE FROM TO	TIME OF DAY	DEPTH FEET	70282 SED PART 63-125U SIZE%TOT	71925 MERCURY 2000-635 0U MG/KG	71924 MERCURY 500-2000 U MG/KG	71923 MERCURY 125-500U MG/KG	71926 MERCURY 63-125 U MG/KG
84/09/21	12 00		17.2	29.0	27.0	5.9	2.3

STORET RETRIEVAL DATE 85/04/10

470091FP
35 57 32.3 084 21 52.5 1
140 FEET FROM STREAMBED CENTER LK DS OF RIGHT BK
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EFPC 2.36 FLOODPLAIN SAMPLE OC-115
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749220-0695300

/TYPA/AMENT/LNC/SCLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/05/21	11 55		6209	A	1.0	9.0	13.1	2.57			38.00	
	11 57		6210	B	10.0	19.0					3.40	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/05/21	11 55				62.0	76.6	90.4	94.7	
	11 57						89.3		

STORET RETRIEVAL DATE 85/04/12

476604
35 57 43.0 084 21 40.0 2
INSTREAM SAMPLE
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 2.85
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749236-0695475

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	70320 MOISTURE CONTENT PERCENT	70322 RESIDUE TOT VOL PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	81356 CATION EX. CAP. MEA/100G	71921 MERCURY SEDMG/KG DRY WGT	81756 TOT SED PARTSIZ% <.0005MM	80181 TOT SED PARTSIZE %<.002MM	80183 TOT SED PARTSIZE %<.008MM
84/09/21	14 45		6206	0113	23		2.67					

DATE FROM TO	TIME OF DAY	DEPTH FEET	80184 TOT SED PARTSIZE %<.016MM	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80209 TOT SED SIEVE %<2.00MM	70281 SED PART 2000-635 0SIZ%TOT	70280 SED PART 500-2000 SIZE%TOT	70283 SED PART 125-500U SIZE%TOT	70282 SED PART 63-125U SIZE%TOT	71925 MERCURY 2000-635 0U MG/KG
84/09/21	14 45			13.9	17.4	34.60	75.1	24.9	40.4	17.2	3.5	9.3

DATE FROM TO	TIME OF DAY	DEPTH FEET	71924 MERCURY 500-2000 U MG/KG	71923 MERCURY 125-500U MG/KG	71926 MERCURY 63-125 U MG/KG	00557 OIL-GRSE MUD ERGR MG/KG	00721 CYANIDE SEDMG/KG DRY WGT	01003 ARSENIC SEDMG/KG DRY WGT	01028 CD MUD DRY WGT MG/KG-CD	01029 CHROMIUM SEDMG/KG DRY WGT	01052 LEAD SEDMG/KG DRY WGT	01068 NICKEL SEDMG/KG DRY WGT
84/09/21	14 45		26.0	13.0	19.0							

DATE FROM TO	TIME OF DAY	DEPTH FEET	01078 SILVER SEDMG/KG DRY WGT	01163 ZR MUD DRY WGT MG/KG-ZR	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG	80329 MERCURY LT6.35MM SEDMG/KG
84/09/21	14 45				48.00	42.2	27.7	26.8	22.4

STORET RETRIEVAL DATE 85/04/10

470094FP
35 57 43.0 084 21 40.0 2
150 FEET FROM STREAMBED CENTER LK DS OF LEFT BK
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EFPC 2.85 FLOODPLAIN SAMPLE CC-108
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749223-0695303

/TYPA/APBNT/LNC/SCLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/21	15 00		6194	A	1.0	9.0	38.0	2.57			3.50	
	15 02		6195	B	10.0	18.0					0.30	
	15 04		6196	C	19.0	28.0					0.45	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/09/21	15 00				56.5	78.2	97.4	99.7	
	15 02						95.2		
	15 04						96.6		

STORET RETRIEVAL DATE 85/04/10

470095FP
35 57 45.0 084 21 40.0 2
50 FEET FROM STREAMBED CENTER LK DS OF LEFT BK
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 04C102
EFPC 2.85 FLOODPLAIN SAMPLE CC-109
132TVAC 841025
0000 FEET DEPTH CSN-RSP 0749224-0695304

/TYPE/AMBNT/LNC/SCLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/21	15 15		6197	A	1.0	9.0	9.3	2.54			4.40	
	15 17		6198	B	10.0	15.0					0.20	
	15 19		6199	C	16.0	25.0					0.35	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/09/21	15 15				58.3	78.6	99.0	100.0	
	15 17						89.0		
	15 19						97.3		

STORET RETRIEVAL DATE 85/04/10

470036EP
35 57 43.0 094 21 40.0 2
30 FEET FROM STREAMBED CENTER LK DS OF LEFT BK
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
FERC 2.85 FLOODPLAIN SAMPLE CC-110
132TVAC 841023
0000 FEET DEPTH CSN-RSP 0749225-0695305

/TYPA/AMENT/LNC/SCLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/21	15 20		6200	A	1.0	9.0	14.8	2.39	75.00	59.80	47.20	48.60
	15 22		6201	B	10.0	18.0					46.00	
	15 24		6203	C	19.0	24.0					2.60	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM	70281 SED PART 2000-635 OSIZ%TOT	70280 SED PART 500-2000 SIZE%TOT	70283 SED PART 125-500U SIZE%TOT
84/09/21	15 20		48.60		50.2	66.3	90.4	98.7		1.3	8.3	24.1
	15 22						96.7					
	15 24				54.9	75.3	100.0	100.0				

DATE FROM TO	TIME OF DAY	DEPTH FEET	70282 SED PART 63-125U SIZE%TOT	71925 MERCURY 2000-635 OU MG/KG	71924 MERCURY 500-2000 U MG/KG	71923 MERCURY 125-500U MG/KG	71925 MERCURY 63-125 U MG/KG
84/09/21	15 20		16.1	49.0	63.0	13.0	12.0

STORET RETRIEVAL DATE 85/04/10

470097FP
35 57 43.0 084 21 40.0 2
45 FEET FROM STREAMBED CENTER LK DS OF RIGHT BK
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EFPC 2.85 FLOODPLAIN SAMPLE OC-111
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749226-0695306

/TYPA/APRNT/LNC/SCLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/21	15 30		6204	A	1.0	9.0	12.1	2.40	120.00	92.20	65.80	64.50
	15 32		6205	B	10.0	18.0					15.00	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM	70281 SED PART 2000-635 OSIZ%TOT	70280 SED PART 500-2000 SIZE%TOT	70283 SED PART 125-500U SIZE%TOT
84/09/21	15 30		64.30		43.0	58.2	91.7	99.5		0.5	7.8	33.5
	15 32				53.1	71.5	97.5	100.0				

DATE FROM TO	TIME OF DAY	DEPTH FEET	70282 SED PART 63-125U SIZE%TOT	71925 MERCURY 2000-635 OU MG/KG	71924 MERCURY 500-2000 U MG/KG	71923 MERCURY 125-500U MG/KG	71926 MERCURY 63-125 U MG/KG
84/09/21	15 30		15.2	17.0	50.0	20.0	13.0

STORET RETRIEVAL DATE 85/04/10

470011FP
35 57 56.2 084 21 20.2 1
17.5 FEET FROM STREAMBED CENTER LK DS OF LEFT BK
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EFPC 3.5 FLOODPLAIN SAMPLE CC-12
132TVAC 840810
0000 FEET DEPTH CSN-RSP 0740089-0695215

/TYPA/APBNT/LNC/SCLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/06/21	13 45		510	A	1.0	9.0	23.6	2.44	21.00A		8.70A	
	13 47		512	AD	1.0S	9.CS	23.3	2.48	12.00A		9.50A	
	13 51		511	B	10.0	18.0			1.30		0.20	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/06/21	13 45				58.8		96.1	99.7	
	13 47				55.1		96.6	99.2	
	13 51				42.1		79.7	98.2	

STORET RETRIEVAL DATE 85/04/10

470092FP
35 57 56.2 084 21 20.2 1
134 FEET FROM STREAMBED CENTER LK DS OF LEFT BK
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EFPC 3.5 FLOODPLAIN SAMPLE CC-104
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749221-0695301

/TYPA/APENT/LNC/SCLIDS/SHSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/21	14 15		6189	A	1.0	8.0	37.3	2.34			0.85	
	14 17		6190	B	5.0	16.0					0.16	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/09/21	14 15				68.1	88.0	98.3	100.0	
	14 17						88.1		

STORET RETRIEVAL DATE 85/04/10

470093EP
35 57 56.2 084 21 20.2 1
34 FEET FROM STREAMBED CENTER LK DS OF LEFT BK
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EFPC 3.5 FLOODPLAIN SAMPLE CC-105
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749222-0695302

/TYPA/AMENT/LNG/SCLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84058 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/21	14 10		6191	A	1.0	8.0	13.5	2.56	12.00	10.40	10.20	10.70
	14 12		6192	B	9.0	15.0					1.50	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM	70281 SED PART 2000-635 0SIZ%TOT	70280 SED PART 500-2000 SIZE%TOT	70283 SED PART 125-500U SIZE%TOT
84/09/21	14 10		10.70		65.7	78.1	94.8	99.0		1.0	4.3	16.7
	14 12				80.4	91.9	98.9	100.0				

DATE FROM TO	TIME OF DAY	DEPTH FEET	70282 SED PART 63-125U SIZE%TOT	71925 MERCURY 2000-635 0U MG/KG	71924 MERCURY 500-2000 U MG/KG	71923 MERCURY 125-500U MG/KG	71926 MERCURY 63-125 U MG/KG
84/09/21	14 10		12.4	9.6	23.0	9.1	1.9

STORET RETRIEVAL DATE 85/04/10

/TYPA/AMBNT/LNG/SCLIOS/SBSCIL/POLLUT

4771 10FP
35 58 14.0 084 21 01.3 1
25 FEET FROM STREAMBED CENTER LK DS OF LEFT BK
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 060102
EFPC 4.5 FLOODPLAIN SAMPLE CC-11
132TVAC 840810
0000 FEET DEPTH CSN-RSP 0740088-0695214

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/06/21	11 30		506	A	1.0	9.0	21.0	2.14	39.00A		34.00A	
	11 33		507	B	10.0	18.0			39.00		33.00	
	11 36		508	C	19.0	25.0			36.00		29.00	
	11 39		509	D	26.0	31.0			65.00		38.00	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/06/21	11 30				41.0		94.8	100.0	
	11 33				17.7		86.9	96.1	
	11 36				95.9		92.6	30.6	
	11 39				85.6		56.3	5.1	

STORET RETRIEVAL DATE 85/04/12

476603
35 58 14.0 084 20 59.0 2
INSTREAM SAMPLE
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 4.52
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749235-0695474

/TYPA/AGENT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	70320 MOISTURE CONTENT PERCENT	70322 RESIDUE TOT VOL PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	81356 CATION EX. CAP. MEA/100G	71921 MERCURY SEDMG/KG DRY WGT	81756 TOT SED PARTSIZ% <.0005MM	80181 TOT SED PARTSIZE %<.002MM	80183 TOT SED PARTSIZE %<.008MM
84/09/20	14 45		6184	0103	21		2.49					

DATE FROM TO	TIME OF DAY	DEPTH FEET	80184 TOT SED PARTSIZE %<.016MM	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	70281 SED PART 2000-635 0SIZ%TOT	70280 SED PART 500-2000 SIZE%TOT	70283 SED PART 125-500U SIZE%TOT	70282 SED PART 63-125U SIZE%TOT	71925 MERCURY 2000-635 0U MG/KG
84/09/20	14 45			26.5	33.1	55.50	96.1	13.9	30.6	22.4	6.6	10.0

DATE FROM TO	TIME OF DAY	DEPTH FEET	71924 MERCURY 500-2000 U MG/KG	71923 MERCURY 125-500U MG/KG	71926 MERCURY 63-125 U MG/KG	00557 OIL-GRSE MUD FRGR MG/KG	00721 CYANIDE SEDMG/KG DRY WGT	01003 ARSENIC SEDMG/KG DRY WGT	01028 CD MUD DRY WGT MG/KG-CD	01029 CHROMIUM SEDMG/KG DRY WGT	01052 LEAD SEDMG/KG DRY WGT	01068 NICKEL SEDMG/KG DRY WGT
84/09/20	14 45		13.0	14.0	12.0							

DATE FROM TO	TIME OF DAY	DEPTH FEET	01078 SILVER SEDMG/KG DRY WGT	01163 ZR MUD DRY WGT MG/KG-ZR	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG	80329 MERCURY LT6.35MM SEDMG/KG
84/09/20	14 45				42.00	32.3	27.1	22.1	20.4

STORET RETRIEVAL DATE 85/04/10

470081FP
35 58 14.0 084 20 59.0 2
36.5 FEET FROM STREAMBED CENTER LK DS OF LEFT BK
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EFPC 4.52 FLOODPLAIN SAMPLE OC-100
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749210-0695290

/TYPA/APENT/LNC/SOLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/20	15	20	6176	A	1.0	9.0	13.0	2.48	16.00	13.40	12.50	13.30
	15	22	6177	B	10.0	18.0					0.50	
	15	24	6178	C	19.0	27.0					0.58	
	15	25	6185	CD	19.0S	27.0S					0.75	
	15	26	6179	D	28.0	36.0					0.20	
	15	27	6186	DD	28.0S	36.0S					0.15	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM	70281 SED PART 2000-635 OSIZ%TOT	70280 SED PART 500-2000 SIZE%TOT	70283 SED PART 125-500U SIZE%TOT
84/09/20	15	20	14.10		67.2	93.5	93.2	98.9		1.1	5.7	9.7
	15	22					98.2					
	15	24					96.7					
	15	25					98.4					
	15	26			79.7	95.8	100.0	100.0				
	15	27			57.1	91.3	98.8	100.0				

DATE FROM TO	TIME OF DAY	DEPTH FEET	70282 SED PART 63-125U SIZE%TOT	71925 MERCURY 2000-635 OU MG/KG	71924 MERCURY 500-2000 U MG/KG	71923 MERCURY 125-500U MG/KG	71926 MERCURY 63-125 U MG/KG
84/09/20	15	20	16.3	87.0	26.0	4.9	2.7

STORET RETRIEVAL DATE 85/09/10

470292FP
35 58 14.0 084 20 50.0 2
23.5 FEET FROM STREAMBED CENTER LK DS OF RIGHT B
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 060102
EERC 4.52 FLOODPLAIN SAMPLE OC-101
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749211-0695291

/TYPA/AMBNT/LNC/SCLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71921 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/20	15	05	6180	A	1.0	9.0	28.1	2.40	27.00	24.00	23.20	23.40
	15	07	6181	B	10.0	18.0					1.00	
	15	09	6182	C	19.0	27.0					2.10	
	15	11	6183	D	28.0	36.0					0.55	
	15	12	6187	DD	28.0S	36.0S					0.50	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80323 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80205 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT5.35MM	70281 SED PART 2000-635 OSIZ%TOT	70280 SED PART 500-2000 SIZE%TOT	70283 SED PART 125-500U SIZE%TOT
84/09/20	15	05	26.20		76.6	98.8	93.6	94.7		5.3	1.1	4.7
	15	07					96.8					
	15	09					98.0					
	15	11			72.9	90.1	100.0	100.0				
	15	12			70.6	96.4	94.2	100.0				

DATE FROM TO	TIME OF DAY	DEPTH FEET	70282 SED PART 63-125U SIZE%TOT	71925 MERCURY 2000-635 OU MG/KG	71924 MERCURY 500-2000 U MG/KG	71923 MERCURY 125-500U MG/KG	71926 MERCURY 63-125 U MG/KG
84/09/20	15	05	12.2	76.0	43.0	8.8	27.0

STORET RETRIEVAL DATE 85/04/10

470083FP
35 58 14.0 084 20 59.0 2
122.5 FEET FROM STREAMBED CENTER LK DS OF RT BK
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EFPC 4.52 FLOODPLAIN SAMPLE CC-102
132TVAC 841026
0000 FEET DEPTH

CSN-RSP 0749212-0695292

/TYPA/APENT/LNC/SCLIDS/SHSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/05/20	15 00		6188	A	1.0	6.0	14.0	2.38			69.00	
84/11/06	10 45			AX	1.0	9.0					0.47	
	10 47			BX	10.0	18.0					0.10	
	10 49			CX	15.0	24.0					0.11	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/05/20	15 00								
84/11/06	10 45				75.2	84.8	92.2	97.6	
	10 47						95.4		
	10 49						88.4		
							94.9		

STORET RETRIEVAL DATE 85/04/12

476602
35 58 10.0 084 20 42.0 2
INSTREAM SAMPLE
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 4.92
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749234-0695473

/TYPA/APENT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	70320 MOISTURE CONTENT PERCENT	70322 RESIDUE TOT VOL PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	81356 CATION EX. CAP. MEA/100G	71921 MERCURY SEDMG/KG DRY WGT	81756 TOT SED PARTSIZ% <.0005MM	80181 TOT SED PARTSIZE %<.002MM	80183 TOT SED PARTSIZE %<.008MM
84/09/20	13 30		6277	099	22		2.53					

DATE FROM TO	TIME OF DAY	DEPTH FEET	80184 TOT SED PARTSIZE %<.016MM	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	70281 SED PART 2000-635 OSIZ%TOT	70280 SED PART 500-2000 SIZE%TOT	70283 SED PART 125-500U SIZE%TOT	70282 SED PART 63-125U SIZE%TOT	71925 MERCURY 2000-635 OU MG/KG
84/09/20	13 30			17.8	23.2	42.00	75.4	24.6	33.3	18.9	5.4	3.7

DATE FROM TO	TIME OF DAY	DEPTH FEET	71924 MERCURY 500-2000 U MG/KG	71923 MERCURY 125-500U MG/KG	71926 MERCURY 63-125 U MG/KG	00557 OIL-GRSE MUD FRGR MG/KG	00721 CYANIDE SEDMG/KG DRY WGT	01003 ARSENIC SEDMG/KG DRY WGT	01028 CD MUD DRY WGT MG/KG-CD	01029 CHROMIUM SEDMG/KG DRY WGT	01052 LEAD SEDMG/KG DRY WGT	01068 NICKEL SEDMG/KG DRY WGT
84/09/20	13 30		41.0	19.0	20.0							

DATE FROM TO	TIME OF DAY	DEPTH FEET	01078 SILVER SEDMG/KG DRY WGT	01163 ZR MUD DRY WGT MG/KG-ZR	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG	80329 MERCURY LT6.35MM SEDMG/KG
84/09/20	13 30				46.00	39.9	30.4	35.2	27.4

STORET RETRIEVAL DATE 85/09/10

470078FP
35 59 10.0 084 20 42.0 2
125 FEET FROM STREAMBED CENTER LK DS OF LEFT BK
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EFPC 4.92 FLOODPLAIN SAMPLE OC-96
132TVAC 841025
0000 FEET DEPTH CSN-RSP 0749207-0695297

/TYPA/APENT/LNC/SCLIDS/SUSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	91900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	90330 MERCURY LT2.00MM SEDMG/KG
84/09/20	13 45		6173	A	1.0	5.0	14.8	2.30			30.00	
84/11/06	13 40			AX	1.0	9.0					20.00	
	13 42			BX	10.0	17.0					2.90	
	13 44			CX	16.0	26.0					0.21	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/09/20	13 45				80.3	90.5	98.8	100.0	
84/11/06	13 40						97.1		
	13 42						95.9		
	13 44						93.3		

STORET RETRIEVAL DATE 85/04/10

470079FP
35 58 10.0 084 20 42.0 2
25 FEET FROM STREAMBED CENTER LK DS OF LEFT BK
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
CEPC 4.92 FLOODPLAIN SAMPLE OC-97
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749208-0695288

/TYPA/AMENT/LNC/SCLIDS/SBSOIL/PCLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/20	13 55		6174	A	1.0	7.0	11.2				13.00	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/09/20	13 55						73.0		

STORET RETRIEVAL DATE 85/04/10

470030FP
35 58 10.0 084 20 42.0 2
25 FEET FROM STREAMBED CENTER LK DS OF RIGHT BK
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EFPC 4.92 FLOODPLAIN SAMPLE CC-98
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749209-0695289

/TYPA/AMBNT/LNC/SCLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/20	14	00	6175	A	1.0	5.0	18.8	2.50	37.00	29.50	23.70	24.30
84/11/06	14	00		AX	1.0	9.0					4.40	
	14	02		BX	10.0	18.0					0.16	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM	70281 SED PART 2000-635 0SIZ%TOT	70280 SED PART 500-2000 SIZE%TOT	70283 SED PART 125-500U SIZE%TOT
84/09/20	14	00	24.20		54.8	71.6	95.3	99.4		0.6	4.1	23.7
84/11/06	14	00					97.7					
	14	02					96.4					

DATE FROM TO	TIME OF DAY	DEPTH FEET	70282 SED PART 63-125U SIZE%TOT	71925 MERCURY 2000-635 0U MG/KG	71924 MERCURY 500-2000 U MG/KG	71923 MERCURY 125-500U MG/KG	71926 MERCURY 63-125 U MG/KG
84/09/20	14	00	16.8		39.0	6.1	5.1

STORET RETRIEVAL DATE 85/04/10

470110FP
35 58 10.0 084 20 42.0 2
225 FEET FROM STREAMBED CENTER LK DS OF LEFT BK
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EFPC 4.92 (FLOODPLAIN SAMPLE OC-202)
132TVAC 841201
0000 FEET DEPTH CSN-RSP 0754211-0695319

/TYPA/AMBNT/LNC/SCLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/11/06	13 50			A	1.0	9.0					7.00	
	13 52			B	10.0	18.0					0.26	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/11/06	13 50						89.3		
	13 52						83.6		

STORET RETRIEVAL DATE 85/04/10

470009FP
35 58 25.7 084 20 15.1 1
20.5 FEET FROM STREAMBED CENTER LK DS OF LEFT BK
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EFPC 5.74 FLOODPLAIN SAMPLE OC-10AL
132TVAC 840810
0000 FEET DEPTH CSN-RSP D740087-0695213

/TYPA/AMBNT/LND/SOLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/06/21	10 15		502	AL	1.0	9.0	21.1	2.45	2.10A		2.00A	
	10 18		503	BL	10.0	17.0			0.60		0.60	
	10 21		504	CL	18.0	26.0			0.40		0.30	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/06/21	10 15				48.8		93.2	100.0	
	10 18				41.3		98.1	100.0	
	10 21				90.0		97.2	99.9	

STORET RETRIEVAL DATE 85/04/10

470036FP
35 58 25.7 084 20 15.1 1
20.5 FEET FR STREAMBED CENTER LK DS OF RIGHT BK
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EFPC 5.74 FLOODPLAIN SAMPLE OC-10AR
132TVAC 840810
0000 FEET DEPTH CSN-RSP 0740095-0695243

/TYPA/APENT/LNC/SOLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/06/21	10 25		505	AR	1.0	11.0	19.4	2.43	23.00A		21.00A	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/06/21	10 25				51.7		98.0	100.0	

STORET RETRIEVAL DATE 85/04/10

470008FP
35 58 50.6 084 19 43.8 1
13 FEET FROM STREAMBED CENTER LK DS OF RIGHT BK
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EFPC 6.72 FLOODPLAIN SAMPLE OC-9
132TVAC 840810
0000 FEET DEPTH CSN-RSP 0740086-0695212

/TYPA/APENT/LNC/SCLIDS/SRSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/06/19	15 45		461	A	1.0	9.0	21.7	2.34	46.00A		30.00A	
	15 47		465	AD	1.0S	9.0S	21.8	2.38	46.00A		31.00A	
	15 50		462	B	10.0	18.0			47.00		39.00	
	15 55		463	C	19.0	27.0	49.0	2.04	53.00		36.00	
	15 58		464	D	28.0	36.0	57.7	1.96	50.00		49.00	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/06/19	15 45				20.7		91.9	100.0	
	15 47				26.2		93.4	94.2	
	15 50				26.1		97.3	99.5	
	15 55				15.2		65.2	92.2	
	15 58				21.9		59.3	88.4	

STORET RETRIEVAL DATE 85/04/10

470076FP
35 58 50.6 084 19 43.8 1
125 FEET FROM STREAMBED CENTER LK DS OF LEFT BK
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
FFPC 6.72 FLOODPLAIN SAMPLE OC-93
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749205-0695284

/TYPA/APENT/LNC/SCLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/20	10 35		6157	A	1.0	9.0	16.2	2.46	50.00	46.00	44.50	44.40
	10 37		6158	B	10.0	18.0					1.70	
	10 39		6159	C	19.0	27.0					7.30	
	10 40		6170	CD	19.0S	27.0S					2.50	
	10 41		6160	D	28.0	36.0					0.42	
	11 00		6161	V	1.0D	9.0D	17.2	2.33	190.00	176.00	172.00	178.00
	11 02		6162	U	10.0D	18.0D					3.10	
	11 04		6163	W	19.0D	27.0D					5.00	
	11 06		6164	X	28.0D	36.0D					0.63	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM	70281 SED PART 2000-635 OSIZ%TOT	70280 SED PART 500-2000 SIZE%TOT	70283 SED PART 125-500U SIZE%TOT
84/09/20	10 35		44.40		85.7	95.9	99.8	100.0		0.01K	0.1	3.9
	10 37						99.0					
	10 39						99.9					
	10 40						96.8					
	10 41						97.9					
	11 00		181.00		76.4	84.1	97.4	96.0		4.0	8.6	3.3
	11 02						99.6					
	11 04						97.6					
	11 06						99.2					

DATE FROM TO	TIME OF DAY	DEPTH FEET	70282 SED PART 63-125U SIZE%TOT	71925 MERCURY 2000-635 OU MG/KG	71924 MERCURY 500-2000 U MG/KG	71923 MERCURY 125-500U MG/KG	71926 MERCURY 63-125 U MG/KG
84/09/20	10 35		10.3			8.4	12.0
	11 00		7.6	250.0	240.0	69.0	34.0

STORET RETRIEVAL DATE 85/04/10

470077FP
35 58 50.6 084 19 43.9 1
25 FEET FROM STREAMBED CENTER LK DS OF LEFT BK
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EFPC 6.72 FLOODPLAIN SAMPLE OC-94
132TVAC 841024
0000 FEET DEPTH CSN-RSP 0749206-0695285

/TYPA/AMBNT/LNC/SCLICS/SHSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/20	10 25		6165	A	1.0	8.0	28.9	2.31	44.00	38.90	38.10	38.00
	10 27		6166	B	9.0	16.0					61.00	
	10 29		6167	C	17.0	25.0					550.00	
	10 31		6168	D	26.0	34.0					60.00	
	10 32		6171	DD	26.0S	34.0S					61.00	
84/11/06	11 20			AX	1.0	9.0					36.00	
	11 22			BX	10.0	18.0					170.00	
	11 24			CX	19.0	27.0					230.00	
	11 26			DX	28.0	36.0					5.30	
	11 28			EX	37.0	46.0					1.40	
	11 35			UX	1.00	9.00					35.00	
	11 37			VX	10.00	18.00					78.00	
	11 39			WX	19.00	24.00					410.00	
	11 41			XX	25.00	36.00					130.00	
	11 43			YX	37.00	42.00					16.00	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT5.35MM	70281 SED PART 2000-635 OSIZ%TOT	70280 SED PART 500-2000 SIZE%TOT	70283 SED PART 125-500U SIZE%TOT
84/09/20	10 25		39.10		66.0	80.7	85.6	90.3		9.7	4.7	4.8
	10 27						96.0					
	10 29						99.1					
	10 31				74.8	91.7	98.8	98.8				
	10 32				69.2	92.2	98.6	100.0				
84/11/06	11 20						96.9					
	11 22						95.8					
	11 24						95.7					
	11 26						98.9					
	11 28						99.3					
	11 35						96.7					
	11 37						97.7					
	11 39						89.1					
	11 41						98.0					
	11 43						98.3					

STORET RETRIEVAL DATE 85/05/01

470077FP
35 58 50.6 084 19 43.8 1
25 FEET FROM STREAMBED CENTER LK DS OF LEFT BK
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EPPC 6.72 FLOODPLAIN SAMPLE OC-94
132TVAC 841026
0003 FEET DEPTH CSN-RSP 0749206-0695285

/TYPA/AMBNT/LND/SOLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	70282 SED PART 63-125U SIZE%TOT	71925 MERCURY 2000-635 OU MG/KG	71924 MERCURY 500-2000 U MG/KG	71923 MERCURY 125-500U MG/KG	71926 MERCURY 63-125 U MG/KG
84/09/20	10 25		14.7	39.0	35.0	26.0	16.0

STORET RETRIEVAL DATE 85/04/10

470109FP
35 58 50.6 084 19 43.9 1
90 FEET FROM STREAMBED CENTER LK DS OF LEFT BK
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EFPC 6.72 FLOODPLAIN SAMPLE OC-200
132TVAC 841201
0000 FEET DEPTH CSN-RSP 0754210-0695318

/TYPA/AMENT/LNC/SCLIDS/SHSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/11/06	11 55			A	1.0	9.0					260.00	
	11 57			B	10.0	18.0					88.00	
	11 59			C	19.0	27.0					3.50	
	12 01			D	28.0	36.0					0.84	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/11/06	11 55						89.0		
	11 57						94.2		
	11 59						92.3		
	12 01						95.6		

STORET RETRIEVAL DATE 85/04/12

476601
35 58 53.0 084 19 30.0 2
INSTREAM SAMPLE
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 7.05
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749233-0695472

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	70320 MOISTURE CONTENT PERCENT	70322 RESIDUE TOT VOL PERCENT	71821 SPECIFIC GRAVITY SEDGM/CM	81356 CATION EX. CAP. MEA/100G	71921 MERCURY SEDMG/KG DRY WGT	81756 TOT SED PARTSIZ% <.0005MM	80181 TOT SED PARTSIZE %<.002MM	80183 TOT SED PARTSIZE %<.008MM
84/09/20	08 50		6156	092	28		2.54					

DATE FROM TO	TIME OF DAY	DEPTH FEET	80184 TOT SED PARTSIZE %<.016MM	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80209 TOT SED SIEVE %<2.00MM	70281 SED PART 2000-635 0SIZ%TOT	70280 SED PART 500-2000 SIZE%TOT	70283 SED PART 125-500U SIZE%TOT	70282 SED PART 63-125U SIZE%TOT	71925 MERCURY 2000-635 0U MG/KG
84/09/20	08 50			27.8	32.5	60.50	91.1	8.9	30.6	28.0	4.7	9.5

DATE FROM TO	TIME OF DAY	DEPTH FEET	71924 MERCURY 500-2000 U MG/KG	71923 MERCURY 125-500U MG/KG	71926 MERCURY 63-125 U MG/KG	00557 OIL-GRSE MUD FRGR MG/KG	00721 CYANIDE SEDMG/KG DRY WGT	01003 ARSENIC SEDMG/KG DRY WGT	01028 CD MUD DRY WGT MG/KG-CD	01029 CHROMIUM SEDMG/KG DRY WGT	01052 LEAD SEDMG/KG DRY WGT	01068 NICKEL SEDMG/KG DRY WGT
84/09/20	08 50		9.6	11.0	12.0							

DATE FROM TO	TIME OF DAY	DEPTH FEET	01078 SILVER SEDMG/KG DRY WGT	01153 ZR MUD DRY WGT MG/KG-ZR	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG	80329 MERCURY LT6.35MM SEDMG/KG
84/09/20	08 50				25.00	23.1	17.5	14.8	14.4

STORET RETRIEVAL DATE 85/04/10

4700 2FP
35 58 53.0 084 19 30.0 2
220 FEET FROM STREAMBED CENTER LK DS OF RIGHT BK
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 060102
EPPC 7.05 FLOODPLAIN SAMPLE OC-88
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749201-0695280

/TYPA/AMBNT/LNG/SCLIDS/SRSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	30008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/20	09 15		6146	A	1.0	5.0	9.7	2.27			1.10	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/09/20	09 15				73.4	78.8	93.1	98.2	

STORET RETRIEVAL DATE 85/04/10

/TYPA/AMBNT/LNT/SCLIDS/SBSOIL/POLLUT

470073FP
35 58 53.0 084 19 30.0 2
128 FEET FROM STREAMBED CENTER LK DS OF RIGHT BK
47145 TENNESSEE ROANE
CLINCH RIVER BASIN- 040102
EFPC 7.05 FLOODPLAIN SAMPLE CC-89
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749202-0695281

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/20	09 20		6147	A	1.0	6.0	11.2	2.51			5.30	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/09/20	09 20						84.9		

STORET RETRIEVAL DATE 95/04/10

470074FP
35 58 53.0 084 19 30.0 2
26 FEET FROM STREAMBED CENTER LK DS OF RIGHT BK
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EFPC 7.05 FLOODPLAIN SAMPLE CC-90
132TVAC 841026
0000 FEET DEPTH CSN-RSP D749203-0695282

/TYPA/APBNT/LNC/SCLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/20	09 25		6148	A	1.0	9.0	14.0	2.46	53.00	51.80	46.80	47.10
	09 27		6149	B	10.0	18.0					3.20	
	09 28		6154	BD	10.0S	18.0S					2.40	
	09 29		6150	C	19.0	23.0					5.70	
	09 31		6151	D	24.0	28.0					2.10	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM	70281 SED PART 2000-635 OSIZ%TOT	70280 SED PART 500-2000 SIZE%TOT	70283 SED PART 125-500U SIZE%TOT
84/09/20	09 25		47.10		64.0	76.1	99.8	100.0		0.01K	0.2	23.6
	09 27						94.3					
	09 28						96.2					
	09 29						98.0					
	09 31				84.3	92.1	98.8	100.0				

DATE FROM TO	TIME OF DAY	DEPTH FEET	70282 SED PART 63-125U SIZE%TOT	71925 MERCURY 2000-635 OU MG/KG	71924 MERCURY 500-2000 U MG/KG	71923 MERCURY 125-500U MG/KG	71926 MERCURY 63-125 U MG/KG
84/09/20	09 25		12.1		150.0	31.0	45.0

STORET RETRIEVAL DATE 85/04/10

/TYPE/AGENT/LNC/SOLIDS/SBSOIL/POLLUT

470075FP
35 58 53.0 094 19 30.0 2
26 FEET FROM STREAMBED CENTER LK DS OF LEFT BK
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EFPC 7.05 (FLOODPLAIN SAMPLE OC-91)
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749204-0695283

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/20	09 40		6155	A	1.0	9.0	0.10	2.32	160.00	138.00	111.00	112.00

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM	70281 SED PART 2000-635 OSIZ%TOT	70280 SED PART 500-2000 SIZE%TOT	70283 SED PART 125-500U SIZE%TOT
84/09/20	09 40		111.00		51.1	61.6	81.7	95.3	100.0	4.7	13.6	20.1

DATE FROM TO	TIME OF DAY	DEPTH FEET	70282 SED PART 63-125U SIZE%TOT	71925 MERCURY 2000-635 OU MG/KG	71924 MERCURY 500-2000 U MG/KG	71923 MERCURY 125-500U MG/KG	71926 MERCURY 63-125 U MG/KG
84/09/20	09 40		10.5	100.0	120.0	26.0	32.0

STORET RETRIEVAL DATE 85/04/11

476565
35 59 13.0 084 19 15.4 1
0.25 MILES SW OF ANDERSON-ROANE COUNTY LINE
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 7.95 edge?
132TVAC 840706
0000 FEET DEPTH CSN-RSP 0737282-0695425

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	00002 HSAMPLOC % FROM RT BANK	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71921 MERCURY SEDMG/KG DRY WGT	71922 MERCURY LT 63 U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG
84/06/19	14 30		434	D8			90	39.6	2.54	32.00		
	14 31		4051207R	D8X			90D					
	15 00		456	A	1.0	9.0	100	36.9	2.30		57.00A	25.00A
	15 02		460	AD	1.0S	9.0S	100D	36.8	2.39		59.00A	25.00A
	15 05		457	B	10.0	18.0	100	62.8	2.27		38.00	34.00

DATE FROM TO	TIME OF DAY	DEPTH FEET	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	01029 CHROMIUM SEDMG/KG DRY WGT	39514 PCB-1016 SEDUG/KG DRY WGT	39491 PCB-1221 SEDUG/KG DRY WGT	39495 PCB-1232 SEDUG/KG DRY WGT	39499 PCB-1242 SEDUG/KG DRY WGT	39503 PCB-1248 SEDUG/KG DRY WGT
84/06/19	14 30		41.0				49	100.0U	100.0U	100.0U	100.0U	100.0U
	15 00		18.1		45.2	87.3						
	15 02		31.9		40.9	84.4						
	15 05		33.7		75.6	87.9						

DATE FROM TO	TIME OF DAY	DEPTH FEET	39507 PCB-1254 SEDUG/KG DRY WGT	39511 PCB-1260 SEDUG/KG DRY WGT
84/06/19	14 30		100.0U	200.0

STORET RETRIEVAL DATE 85/04/10

/TYPA/AMBNT/LNC/SOLIDS/SBSOIL/POLLUT

470207EP
35 59 13.0 084 19 15.4 1
15.5 FEET FR STREAMBED CENTER LK OS OF RIGHT BK
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EPPC 7.95 (FLOODPLAIN SAMPLE OC-8)
132TVAC 840810
0000 FEET DEPTH CSN-RSP 0740085-0695211

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/06/19	15 10		458	X	1.0	9.0	17.5	2.53	62.00A		33.00A	
	15 15		459	Y	10.0	18.0		2.35	32.00		33.00	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/06/19	15 10				19.8		87.8	94.5	
	15 15				28.0		81.3	98.8	

STORET RETRIEVAL DATE 85/04/12

476600
35 59 20.0 084 19 10.0 2
INSTREAM SAMPLE
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 8.12
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749232-0695471

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	70320 MOISTURE CONTENT PERCENT	70322 RESIDUE TOT VOL PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	81356 CATION EX. CAP. MEA/100G	71921 MERCURY SEDMG/KG DRY WGT	81756 TOT SED PARTSIZ% <.0005MM	80181 TOT SED PARTSIZE %<.002MM	80183 TOT SED PARTSIZE %<.008MM
84/09/19	15 15		6145	D87	25		2.43					
	15 16		6152	D870	16		2.41					

DATE FROM TO	TIME OF DAY	DEPTH FEET	80184 TOT SED PARTSIZE %<.016MM	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	70281 SED PART 2000-635 0SIZ%TOT	70280 SED PART 500-2000 SIZE%TOT	70283 SED PART 125-500U SIZE%TOT	70282 SED PART 63-125U SIZE%TOT	71925 MERCURY 2000-635 0U MG/KG
84/09/19	15 15			20.0	37.6	58.20	81.9	18.1	23.7	20.6	17.6	4.0
	15 16			14.6	31.9	56.20	90.2	19.8	24.1	24.3	17.3	1.3

DATE FROM TO	TIME OF DAY	DEPTH FEET	71924 MERCURY 500-2000 U MG/KG	71923 MERCURY 125-500U MG/KG	71926 MERCURY 63-125 U MG/KG	00557 OIL-GRSE MUD FRGR MG/KG	00721 CYANIDE SEDMG/KG DRY WGT	01003 ARSENIC SEDMG/KG DRY WGT	01028 CD MUD DRY WGT MG/KG-CD	01029 CHROMIUM SEDMG/KG DRY WGT	01052 LEAD SEDMG/KG DRY WGT	01068 NICKEL SEDMG/KG DRY WGT
84/09/19	15 15		12.0	11.0	11.0							
	15 16		7.0	5.0	9.1							

DATE FROM TO	TIME OF DAY	DEPTH FEET	01078 SILVER SEDMG/KG DRY WGT	01163 ZR MUD DRY WGT MG/KG-ZR	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG	80329 MERCURY LT6.35MM SEDMG/KG
84/09/19	15 15				11.00	11.0	11.0	11.3	10.0
	15 16				12.00	10.4	8.1	7.8	6.5

STORET RETRIEVAL DATE 85/04/10

470069FP
35 59 20.0 084 19 10.0 2
25 FEET FROM STREAMBED CENTER LK DS OF LEFT BK
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EFPC 8.12 FLOODPLAIN SAMPLE OC-84
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749198-0695277

/TYPA/AMBNT/LNC/SOLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/19	16	15	6139	A	1.0	5.0	9.9	2.52			3.80	
	16	17	6140	B	6.0	10.0					69.00	
84/09/20	16	18	6153	BD	6.0S	10.0S					68.00	
84/11/06	15	00		AX	1.0	9.0					53.00	
	15	02		BX	10.0	18.0					36.00	
	15	04		CX	19.0	30.0					0.58	
	15	06		DX	31.0	36.0					0.26	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/09/19	16	15					97.5		
	16	17					99.0		
84/09/20	16	18					97.2		
84/11/06	15	00					90.9		
	15	02					93.7		
	15	04					98.6		
	15	06					99.6		

STORET RETRIEVAL DATE 85/04/10

470070FP
35 59 20.0 084 19 10.0 2
25 FEET FROM STREAMBED CENTER LK DS OF RIGHT BK
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EFPC 8.12 FLOODPLAIN SAMPLE OC-85
132TVAC 841026
2000 FEET DEPTH CSN-RSP 0749199-0695278

/TYPA/AGENT/LNC/SCLIDS/SHSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71921 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/19	16	05	6141	A	1.0	6.0	14.2	2.25	140.00	121.00	119.00	119.00
	16	07	6142	B	7.0	13.0			210.00	193.00	188.00	188.00
84/11/06	14	30		AX	1.0	9.0					85.00	
	14	32		BX	10.0	18.0					4.50	
	14	34		CX	19.0	27.0					0.79	
	14	36		DX	28.0	36.0					1.10	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM	70281 SED PART 2000-635 OSIZ%TOT	70280 SED PART 500-2000 SIZE%TOT	70283 SED PART 125-500U SIZE%TOT
84/09/19	16	05	119.00		68.5	97.8	99.9	100.0		0.01K	0.1	12.1
	16	07	188.00		86.7	96.5	100.0	100.0		0.01K	0.01K	3.5
84/11/06	14	30					97.3					
	14	32					98.0					
	14	34					99.0					
	14	36					93.6					

DATE FROM TO	TIME OF DAY	DEPTH FEET	70282 SED PART 63-125U SIZE%TOT	71925 MERCURY 2000-635 OU MG/KG	71924 MERCURY 500-2000 U MG/KG	71923 MERCURY 125-500U MG/KG	71926 MERCURY 63-125 U MG/KG
84/09/19	16	05	19.3			110.0	50.0
	16	07	9.9			43.0	44.0

STORET RETRIEVAL DATE 85/04/10

470071FP
35 59 20.0 084 19 10.0 2
75 FEET FROM STREAMBED CENTER LK DS OF RIGHT BK
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EFPC 8.12 FLOODPLAIN SAMPLE OC-86
132TVAC 841026
2010 FEET DEPTH CSN-RSP 0749200-0695279

/TYPA/AMENT/LNG/SCLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/19	16 00		6143	A	1.0	5.0	14.8	2.43			95.00	
	16 02		6144	B	6.0	10.0					43.00	
84/11/06	14 40			AX	1.0	9.0					28.00	
	14 42			BX	10.0	18.0					0.41	
	14 44			CX	19.0	27.0					4.40	
	14 46			DX	28.0	36.0					0.59	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/09/19	16 00				70.3	82.0	95.2	97.3	
	16 02						93.4		
84/11/06	14 40						96.5		
	14 42						96.8		
	14 44						97.0		
	14 46						98.5		

STORET RETRIEVAL DATE 85/04/10

470107FP
35 59 20.0 084 19 10.0 2
05 FEET FROM STREAMBED CENTER LK CS OF RIGHT BK
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EFPC 8.12 FLOODPLAIN SAMPLE OC-203
132TVAC 841201
0000 FEET DEPTH CSN-RSP 0754208-0695316

/TYPA/AMENT/LNC/SCLIDS/SHSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/11/06	14 55			A	1.0	9.0					18.00	
	14 57			B	10.0	18.0					1.30	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/11/06	14 55						94.9		
	14 57						89.8		

STORET RETRIEVAL DATE 85/04/10

470108FP
35 58 20.0 084 19 10.0 1
45 FEET FROM STREAMBED CENTER LK DS OF LEFT BK
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EFPC 8.12 (FLOODPLAIN SAMPLE OC-204)
132TVAC 841201
0000 FEET DEPTH CSN-RSP 0754209-0695317

/TYPA/AMBNT/LNC/SCLIDS/SRSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71921 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/11/06	13 20			A	1.0	7.0					50.00	
	13 22			B	8.0	14.0					1.10	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/11/06	13 20						95.2		
	13 22						80.1		

STORET RETRIEVAL DATE 85/04/12

476599
35 59 33.0 084 18 49.0 2
INSTREAM SAMPLE
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 8.7
132TVAC 841013
0000 FEET DEPTH CSN-RSP 0745266-0695470

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	70320 MOISTURE CONTENT PERCENT	70322 RESIDUE TOT VOL PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	81356 CATION EX. CAP. MEA/100G	71921 MERCURY SEDMG/KG DRY WGT	81756 TOT SED PARTSIZ% <.0005MM	80181 TOT SED PARTSIZE %<.002MM	80183 TOT SED PARTSIZE %<.008MM
84/09/19	14 00		5879	D83	36		2.57					
	14 01		5880	D83D	36		2.59					

DATE FROM TO	TIME OF DAY	DEPTH FEET	80184 TOT SED PARTSIZE %<.016MM	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	70281 SED PART 2000-635 0SIZ%TOT	70280 SED PART 500-2000 SIZE%TOT	70283 SED PART 125-500U SIZE%TOT	70282 SED PART 63-125U SIZE%TOT	71925 MERCURY 2000-635 0U MG/KG
84/09/19	14 00			28.4	34.2	50.90	57.4	42.6	6.5	16.7	5.8	8.4
	14 01			22.8	26.0	38.20	92.2	17.8	44.0	12.2	3.2	2.9

DATE FROM TO	TIME OF DAY	DEPTH FEET	71924 MERCURY 500-2000 U MG/KG	71923 MERCURY 125-500U MG/KG	71926 MERCURY 63-125 U MG/KG	00557 OIL-GRSE MUD FRGR MG/KG	00721 CYANIDE SEDMG/KG DRY WGT	01003 ARSENIC SEDMG/KG DRY WGT	01028 CD MUD DRY WGT MG/KG-CD	01029 CHROMIUM SEDMG/KG DRY WGT	01052 LEAD SEDMG/KG DRY WGT	01068 NICKEL SEDMG/KG DRY WGT
84/09/19	14 00		19.0	23.0	36.0							
	14 01		16.0	16.0	45.0							

DATE FROM TO	TIME OF DAY	DEPTH FEET	01078 SILVER SEDMG/KG DRY WGT	01163 ZR MUD DRY WGT MG/KG-ZR	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG	80329 MERCURY LT6.35MM SEDMG/KG
84/09/19	14 00				77.00	70.1	54.6	50.7	32.6
	14 01				81.00	76.6	57.1	35.1	29.4

STORET RETRIEVAL DATE 85/04/10

470064FP
35 59 33.0 084 18 49.0 2
225 FEET FROM STREAMBED CENTER LK DS OF LEFT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EFPC 8.70 FLOODPLAIN SAMPLE OC-78
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749193-0695272

/TYPA/APRNT/LNG/SCLIUS/S3SOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/19	14 10		5872	A	1.0	3.0	7.2	2.15			7.40	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/09/19	14 10						85.5		

STORET RETRIEVAL DATE 85/04/10

470055FP
35 59 33.0 084 18 49.0 2
125 FEET FROM STREAMBED CENTER LK DS OF LEFT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EFPC 8.7 FLOODPLAIN SAMPLE OC-79
132TVAC 841026
0000 FEET DEPTH CSN-RSP D749194-0695273

/TYPA/APPNT/LNC/SCLIDS/SRSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/19	14	15	5873	A	1.0	5.0	5.1	2.35			67.00	
84/11/07	08	20		AX	1.0	9.0					35.00	
	08	22		BX	10.0	18.0					0.47	
	08	24		CX	19.0	27.0					0.70	
	08	26		DX	28.0	36.0					0.40	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/09/19	14	15					97.0		
84/11/07	08	20					95.4		
	08	22					95.9		
	08	24					92.7		
	08	26					91.5		

STORET RETRIEVAL DATE 85/04/10

470066FP
35 59 33.0 084 18 49.0 2
25 FEET FROM STREAMBED CENTER LK DS OF LEFT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EFPC 8.7 FLOODPLAIN SAMPLE OC-80
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749195-0695274

/TYPA/APENT/LNC/SCLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/19	14	20	5874	A	1.0	9.0	13.3	2.21	74.00	64.70	60.10	60.20
	14	22	5875	B	10.0	18.0					58.00	
	14	24	5876	C	19.0	27.0					4.30	
	14	26	5877	D	28.0	36.0					1.80	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM	70281 SED PART 2000-635 0SIZ%TOT	70280 SED PART 500-2000 SIZE%TOT	70283 SED PART 125-500U SIZE%TOT
84/09/19	14	20	60.20		64.3	91.6	94.0	97.2		2.8	3.2	12.5
	14	22					99.1					
	14	24			75.5	93.6	100.0	100.0				
	14	26					98.3					

DATE FROM TO	TIME OF DAY	DEPTH FEET	70282 SED PART 63-125U SIZE%TOT	71925 MERCURY 2000-635 0U MG/KG	71924 MERCURY 500-2000 U MG/KG	71923 MERCURY 125-500U MG/KG	71926 MERCURY 63-125 U MG/KG
84/09/19	14	20	17.3	62.0	63.0	30.0	31.0

STORET RETRIEVAL DATE 85/04/10

470067FP
35 59 33.0 084 18 49.0 2
25 FEET FROM STREAMBED CENTER LK DS OF RIGHT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EFPC 8.7 FLOODPLAIN SAMPLE OC-81
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749196-0695275

/TYPA/APPNT/LNC/SCLICS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/19	14	10	5878	A	1.0	6.0	9.4	2.36	220.00	189.00	174.00	174.00
84/11/07	08	40		AX	1.0	9.0					90.00	
	08	42		BX	10.0	18.0					3.10	
	08	44		CX	15.0	27.0					0.30	
	08	46		DX	28.0	36.0					0.15	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM	70281 SED PART 2000-635 OSIZXTOT	70280 SED PART 500-2000 SIZEXTOT	70283 SED PART 125-500U SIZEXTOT
84/09/19	14	10	173.00		64.0	94.2	97.7	99.5		0.5	1.8	13.5
84/11/07	08	40					97.1					
	08	42					98.1					
	08	44					93.3					
	08	46					98.6					

DATE FROM TO	TIME OF DAY	DEPTH FEET	70282 SED PART 63-125U SIZEXTOT	71925 MERCURY 2000-635 OU MG/KG	71924 MERCURY 500-2000 U MG/KG	71923 MERCURY 125-500U MG/KG	71925 MERCURY 63-125 U MG/KG
84/09/19	14	10	20.3	100.0	180.0	90.0	90.0

STORET RETRIEVAL DATE 85/04/10

/TYPA/AMENT/LNC/SCLIDS/SBSOIL/POLLUT

470068FP
35 59 33.0 084 18 49.0 2
125 FEET FROM STREAMBED CENTER LK DS OF RIGHT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EFPC 8.7 FLOODPLAIN SAMPLE OC-82
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749197-0695276

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/19	14 45		5881	A	1.0	3.0	1.1	2.21	19.00	16.80	14.60	14.50
	14 46		5882	AD	1.0S	3.0S	0.1U	2.40	17.00	15.70	13.70	13.60
84/11/07	08 50			AX	1.0	9.0					4.90	
	08 52			BX	10.0	18.0					0.20	
	08 54			CX	15.0	27.0					0.21	
	08 56			DX	28.0	32.0					0.21	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM	70281 SED PART 2000-635 0SIZ%TOT	70280 SED PART 500-2000 SIZE%TOT	70283 SED PART 125-500U SIZE%TOT
84/09/19	14 45		14.50		69.6	92.9	98.7	100.0		0.01K	1.3	15.8
	14 46		13.60		68.8	81.8	98.7	100.0		0.01K	1.3	16.9
84/11/07	08 50						77.6					
	08 52						83.8					
	08 54						80.6					
	08 56						73.3					

DATE FROM TO	TIME OF DAY	DEPTH FEET	70282 SED PART 63-125U SIZE%TOT	71925 MERCURY 2000-635 0U MG/KG	71924 MERCURY 500-2000 U MG/KG	71923 MERCURY 125-500U MG/KG	71926 MERCURY 63-125 U MG/KG
84/09/19	14 45		13.4		7.4	3.4	5.1
	14 46		13.0		8.4	5.2	6.8

STORET RETRIEVAL DATE 85/04/10

470106FP
35 59 33.0 084 18 49.0 2
225 FEET FROM STREAMBED CENTER LK DS OF RIGHT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EFPC 8.7 FLOODPLAIN SAMPLE OC-205
132TVAC 841201
0000 FEET DEPTH CSN-RSP 0754207-0695315

/TYPA/APENT/LNC/SCLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/11/07	09 10			A	1.0	9.0					1.10	
	09 12			B	10.0	18.0					0.14	
	09 14			C	19.0	24.0					0.11	
	09 16			D	25.0	30.0					0.16	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/11/07	09 10						93.8		
	09 12						96.6		
	09 14						95.6		
	09 16						95.7		

STORET RETRIEVAL DATE 85/04/10

470006FP
35 59 37.1 084 18 34.2 1
16 FEET FROM STREAMBED CENTER LK DS OF LEFT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN, 040102
EFPC 9.21 FLOODPLAIN SAMPLE OC-7
132TVAC 840810
0000 FEET DEPTH CSN-RSP 0740084-0695210

/TYPA/AMBNT/LNC/SCLIOS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/06/19	13 30		453	A	1.0	9.0	30.2	2.25	75.00A		65.00A	
	13 32		454	B	10.0	18.0			52.00		49.00	
	13 34		455	C	19.0	27.0			83.00		75.00	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/06/19	13 30				34.7		81.5	99.1	
	13 32				21.1		76.2	93.5	
	13 34				26.6		73.6	87.9	

STORET RETRIEVAL DATE 85/04/12

476598
35 59 50.0 084 18 13.0 2
INSTREAM SAMPLE
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 9.74
132TVAC 841013
0000 FEET DEPTH CSN-RSP 0745265-0695469

/TYPA/AREA/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	70320 MOISTURE CONTENT PERCENT	70322 RESIDUE TOT VOL PERCENT	71921 SPECIFIC GRAVITY SEDGM/GM	81356 CATION EX. CAP. MEA/100G	71921 MERCURY SEDMG/KG DRY WGT	81756 TOT SED PARTSIZ% <.0005MM	80181 TOT SED PARTSIZE %<.002MM	80183 TOT SED PARTSIZE %<.008MM
84/09/19	12 45		5868	D77	30		2.59					

DATE FROM TO	TIME OF DAY	DEPTH FEET	80184 TOT SED PARTSIZE %<.016MM	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	00557 OIL-GRSE MUD FRGR MG/KG	00721 CYANIDE SEDMG/KG DRY WGT	01003 ARSENIC SEDMG/KG DRY WGT	01028 CD MUD DRY WGT MG/KG-CD	01029 CHROMIUM SEDMG/KG DRY WGT
84/09/19	12 45			6.0	6.8	11.60	20.0					

DATE FROM TO	TIME OF DAY	DEPTH FEET	01078 SILVER SEDMG/KG DRY WGT	01163 ZR MUD DRY WGT MG/KG-ZR	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG	80329 MERCURY LT6.35MM SEDMG/KG
84/09/19	12 45				57.00	55.6	45.2	38.9	37.7

STORET RETRIEVAL DATE 85/04/10

470060FP
35 59 50.0 084 18 13.0 2
50 FEET FROM STREAMBED CENTER LK DS OF RIGHT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EFPC 9.74 FLOODPLAIN SAMPLE OC-73
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749189-0695268

/TYPA/APBNT/LNC/SOLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/19	13 30		5863	A	1.0	9.0	15.0	2.34	18.00	17.90	19.00	19.30
	13 32		5864	B	10.0	18.0					2.50	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM	70281 SED PART 2000-635 0SIZ%TOT	70280 SED PART 500-2000 SIZE%TOT	70283 SED PART 125-500U SIZE%TOT
84/09/19	13 30		19.10		82.5	88.4	96.6	98.2		1.8	1.6	8.2
	13 32						96.7					

DATE FROM TO	TIME OF DAY	DEPTH FEET	70282 SED PART 63-125U SIZE%TOT	71925 MERCURY 2000-635 0U MG/KG	71924 MERCURY 500-2000 U MG/KG	71923 MERCURY 125-500U MG/KG	71926 MERCURY 63-125 U MG/KG
84/09/19	13 30		5.9	8.7	38.0	32.0	16.0

STORET RETRIEVAL DATE 85/09/13

470061FP
35 59 50.0 084 18 13.0 2
25 FEET FROM STREAMBED CENTER LK DS OF LEFT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 060102
EFPC 9.74 FLOODPLAIN SAMPLE OC-74
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749190-0695269

/TYPA/AMENT/LNC/SCLIDS/SUBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/19	13 00		5865	A	1.0	3.0	14.9	2.28			26.00	
	13 01		5871	AD	1.0S	3.0S	14.4	2.46			22.00	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/09/19	13 00				56.7	67.4	90.0	97.1	
	13 01				61.4	72.7	98.9	99.5	

STORET RETRIEVAL DATE 85/04/10

470062FP
35 59 50.0 084 18 13.0 2
50 FEET FROM STREAMBED CENTER LK DS OF LEPT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EFPC 9.74 FLOODPLAIN SAMPLE GC-75
132TVAC 841025
8200 FEET DEPTH CSN-RSP 0749191-0695270

/TYPA/AGENT/LNC/SCLIDS/SHSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/19	13 05		5866	A	1.0	9.0	16.0	2.49			21.00	
	13 07		5867	B	10.0	17.0					2.50	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/09/19	13 05						98.5		
	13 07						96.9		

STORET RETRIEVAL DATE 85/04/10

470063FP
35 59 50.0 084 18 13.0 2
150 FEET FROM STREAMBED CENTER LK DS OF LEFT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EFPC 9.74 FLOODPLAIN SAMPLE OC-76
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749192-0695271

/TYPA/APENT/LNC/SOLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/19	13 15		5869	A	1.0	5.0	19.3	2.24			32.00	
	13 17		5870	B	6.0	10.0					2.20	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/09/19	13 15				97.5	99.3	100.0	100.0	
	13 17						92.4		

STORET RETRIEVAL DATE 85/04/10

470005FP
35 59 55.0 084 18 00.6 1
17 FEET FROM STREAMBED CENTER LK DS OF LEFT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
CFPC 10.0 FLOODPLAIN SAMPLE OC-6
132TVAC 840810
0000 FEET DEPTH CSN-RSP 0740083-0695209

/TYPA/APENT/LNC/SOLIDS/SUSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/06/19	12 10		449	A	1.0	9.0	14.5	2.36	130.00A		97.00A	
	12 12		450	B	10.0	18.0			280.00		200.00	
	12 14		451	C	19.0	27.0			200.00A		180.00	
	12 16		452	D	28.0	36.0			170.00		160.00	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/06/19	12 10				68.6		92.1	99.8	
	12 12				10.6		85.4	98.1	
	12 14				32.7		91.7	100.0	
	12 16				33.6		80.7	95.6	

STORET RETRIEVAL DATE 85/04/12

476597
35 59 56.0 084 17 58.0 2
INSTREAM SAMPLE
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 10.05
132TVAC 841013
0000 FEET DEPTH CSN-RSP 0745264-0695468

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	70320 MOISTURE CONTENT PERCENT	70322 RESIDUE TOT VOL PERCENT	71821 SPECIFIC GRAVITY SEDGM/CM	81356 CATION EX. CAP. MEA/100G	71921 MERCURY SEDMG/KG DRY WGT	81756 TOT SED PARTSIZ% <.0005MM	80181 TOT SED PARTSIZE %<.002MM	80183 TOT SED PARTSIZE %<.008MM
84/09/19	11 00		5861	D72	40		2.45					

DATE FROM TO	TIME OF DAY	DEPTH FEET	80184 TOT SED PARTSIZE %<.016MM	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	00557 OIL-GRSE MUD FRGR MG/KG	00721 CYANIDE SEDMG/KG DRY WGT	01003 ARSENIC SEDMG/KG DRY WGT	01028 CD MUD DRY WGT MG/KG-CD	01029 CHROMIUM SEDMG/KG DRY WGT
84/09/19	11 00			52.9	55.7	92.10	100.0					

DATE FROM TO	TIME OF DAY	DEPTH FEET	01078 SILVER SEDMG/KG DRY WGT	01163 ZR MUD DRY WGT MG/KG-ZR	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG	80329 MERCURY LT6.35MM SEDMG/KG
84/09/19	11 00				43.00	40.7	36.3	37.0	37.0

STORET RETRIEVAL DATE 85/04/10

/TYPA/AMBNT/LNC/SCLIDS/SBSOIL/PCLLUT

470055EP
35 59 56.0 084 17 59.0 2
150 FEET FROM STREAMBED CENTER LK DS OF LEFT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EPPC 10.05 FLOODPLAIN SAMPLE OC-68
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749184-0695262

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/19	10 30		5851	A	1.0	5.0	11.6	2.39			21.00	
84/11/07	09 40			AX	1.0	9.0					16.00	
	09 42			BX	10.0	18.0					1.10	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/09/19	10 30				78.3	89.9	100.0	100.0	
84/11/07	09 40						97.3		
	09 42						96.6		

STORET RETRIEVAL DATE 85/04/10

470056FP
35 59 56.0 084 17 58.0 2
50 FEET FROM STREAMBED CENTER LK DS OF LEFT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EFPC 10.05 FLOODPLAIN SAMPLE CC-69
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749185-0695263

/TYPA/APBNT/LNC/SCLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CCCE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/19	10 35		5852	A	1.0	6.0	8.5	2.47			26.00	
84/11/07	09 45			AX	1.0	9.0					11.00	
	09 47			BX	10.0	18.0					0.20	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/09/19	10 35						98.5		
84/11/07	09 45						95.7		
	09 47						95.4		

STORET RETRIEVAL DATE 85/04/10

470057FP
35 59 56.0 084 17 58.0 2
15 FEET FROM STREAMBED CENTER LK DS OF LEFT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EFPC 10.05 FLOODPLAIN SAMPLE OC-70
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749186-0695264

/TYPA/AMENT/LNC/SCLIDS/SHSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/19	10	20	5853	A	1.0	9.0	14.2	2.24	173.00	163.00	142.00	137.00
	10	22	5854	B	10.0	16.0					180.00	
	10	24	5855	C	17.0	25.0					260.00	
	10	26	5856	D	26.0	34.0					280.00	
	10	28	5857	E	35.0	45.0					78.00	
84/11/07	09	50		AX	1.0	9.0					110.00	
	09	52		BX	10.0	18.0					190.00	
	09	54		CX	19.0	27.0					210.00	
	09	56		DX	28.0	36.0					290.00	
	09	58		EX	37.0	42.0					220.00	
	10	10		UX	1.00	9.00					110.00	
	10	12		VX	10.00	18.00					170.00	
	10	14		WX	19.00	27.00					180.00	
	10	16		XX	28.00	36.00					300.00	
	10	18		YX	37.00	44.00					110.00	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT5.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT5.35MM	70281 SED PART 2000-635 0SIZ%TOT	70280 SED PART 500-2000 SIZE%TOT	70283 SED PART 125-500U SIZE%TOT
84/09/19	10	20	136.00		37.4	45.9	75.1	98.6		1.4	23.5	29.2
	10	22					80.8					
	10	24					90.4					
	10	26			59.6	65.7	94.9	100.0				
	10	28			34.0	41.5	75.5	92.6				
84/11/07	09	50					69.1					
	09	52					71.7					
	09	54					84.5					
	09	56					88.4					
	09	58					68.2					
	10	10					81.1					
	10	12					82.9					
	10	14					84.0					
	10	16					88.3					
	10	18					80.3					

STORET RETRIEVAL DATE 85/05/01

470357FP
35 59 56.0 084 17 58.0 2
15 FEET FROM STREAMBED CENTER LK DS OF LEFT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EFPC 10.05 FLOODPLAIN SAMPLE OC-70
132TVAC 841025
0000 FEET DEPTH CSN-RSP 0749186-0695264

/TYPA/AMBNT/LND/SOLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	70282 SED PART 63-125U SIZE%TOT	71925 MERCURY 2000-635 OU MG/KG	71924 MERCURY 500-2000 U MG/KG	71923 MERCURY 125-500U MG/KG	71926 MERCURY 63-125 U MG/KG
84/09/19	10 20		8.5	72.0	120.0	110.0	120.0

STORET RETRIEVAL DATE 85/04/10

/TYPA/AMENT/LNG/SCLIDS/SBSOIL/POLLUT

470058CP
35 59 56.0 084 17 59.0 2
25 FEET FROM STREAMBED CENTER LK DS OF RIGHT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EFPC 10.05 FLOODPLAIN SAMPLE CC-71
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749187-0695266

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/19	11 15		5862	A	1.0	5.0	7.3	2.31	63.00	54.70	55.10	55.10
84/11/07	10 50			AX	1.0	6.0					72.00	
	10 52			BX	7.0	12.0					41.00	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM	70281 SED PART 2000-635 0SIZ%TOT	70280 SED PART 500-2000 SIZE%TOT	70283 SED PART 125-500U SIZE%TOT
84/09/19	11 15		57.10		54.5	66.8	90.8	97.2		3.0	0.5	25.5
84/11/07	10 50						86.0					
	10 52						84.5					

DATE FROM TO	TIME OF DAY	DEPTH FEET	70282 SED PART 63-125U SIZE%TOT	71925 MERCURY 2000-635 0U MG/KG	71924 MERCURY 500-2000 U MG/KG	71923 MERCURY 125-500U MG/KG	71926 MERCURY 63-125 U MG/KG
84/09/19	11 15		13.0	11.0	44.0	60.0	36.0

STORET RETRIEVAL DATE 85/04/10

470059EP
35 59 56.0 084 17 58.0 2
125 FEET FROM STREAMBED CENTER LK DS OF RIGHT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EFPC 10.05 FLOODPLAIN SAMPLE OC-72
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749188-0695267

/TYPA/AMBNT/LNC/SCLIOS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00909 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/19	11 20		5860	A	0.1	1.0	0.1U	2.68			22.00	
84/11/07	11 00			AX	1.0	9.0					26.00	
	11 02			BX	10.0	18.0					0.42	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/09/19	11 20						85.1		
84/11/07	11 00						94.4		
	11 02						95.5		

STORET RETRIEVAL DATE 85/04/12

476606
36 00 08.0 084 17 19.0 2
INSTREAM SAMPLE
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 10.9
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749238-0695477

/TYPA/AREA/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	70320 MOISTURE CONTENT PERCENT	70322 RESIDUE TOT VOL PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	81356 CATION EX. CAP. MEQ/100G	71921 MERCURY SEDMG/KG DRY WGT	81756 TOT SED PARTSIZ% <.0005MM	80181 TOT SED PARTSIZE %<.002MM	80183 TOT SED PARTSIZE %<.008MM
84/09/25	11 55		6240	D67	37		2.38					

DATE FROM TO	TIME OF DAY	DEPTH FEET	80184 TOT SED PARTSIZE %<.016MM	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	70281 SED PART 2000-635 0SIZ%TOT	70280 SED PART 500-2000 SIZE%TOT	70283 SED PART 125-500U SIZE%TOT	70282 SED PART 63-125U SIZE%TOT	71925 MERCURY 2000-635 DU MG/KG
84/09/25	11 55			38.7	45.7	68.30	91.5	8.5	23.3	22.5	7.0	39.0

DATE FROM TO	TIME OF DAY	DEPTH FEET	71924 MERCURY 500-2000 U MG/KG	71923 MERCURY 125-500U MG/KG	71926 MERCURY 63-125 U MG/KG	00557 OIL-GRSE MUD FRGR MG/KG	00721 CYANIDE SEDMG/KG DRY WGT	01003 ARSENIC SEDMG/KG DRY WGT	01028 CD MUD DRY WGT MG/KG-CD	01029 CHROMIUM SEDMG/KG DRY WGT	01052 LEAD SEDMG/KG DRY WGT	01068 NICKEL SEDMG/KG DRY WGT
84/09/25	11 55		31.0	140.0	110.0							

DATE FROM TO	TIME OF DAY	DEPTH FEET	01078 SILVER SEDMG/KG DRY WGT	01163 ZR MUD DRY WGT MG/KG-ZR	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG	80329 MERCURY LT6.35MM SEDMG/KG
84/09/25	11 55				180.00	169.0	160.0	127.0	119.0

STORET RETRIEVAL DATE 85/04/10

/TYPA/AMENT/LNG/SCLICS/SHSOIL/POLLUT

4700385P
36 00 08.0 084 17 19.0 2
277 FEET FROM CENTER OF ISLAND LK DS OF LEFT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EERC 10.9 FLOODPLAIN SAMPLE GC-62
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749227-0695307

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/25	13	00	6227	A	1.0	9.0	9.3	2.46	180.00	167.00	161.00	156.00
84/11/07	11	20		AX	1.0	9.0					150.00	
	11	22		BX	10.0	18.0					400.00	
	11	24		CX	19.0	27.0					1.60	
	11	26		DX	28.0	34.0					1.10	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM	70281 SED PART 2000-635 OSIZ%TOT	70280 SED PART 500-2000 SIZE%TOT	70283 SED PART 125-500U SIZE%TOT
84/09/25	13	00	149.00		67.9	76.8	92.0	94.9		5.4	3.1	16.2
84/11/07	11	20					91.7					
	11	22					93.9					
	11	24					96.8					
	11	26					98.8					

DATE FROM TO	TIME OF DAY	DEPTH FEET	70282 SED PART 63-125U SIZE%TOT	71925 MERCURY 2000-635 OU MG/KG	71924 MERCURY 500-2000 U MG/KG	71923 MERCURY 125-500U MG/KG	71926 MERCURY 63-125 U MG/KG
84/09/25	13	00	9.4	12.0	26.0	130.0	79.0

STORET RETRIEVAL DATE 85/04/10

470099FP
36 00 08.0 084 17 19.0 2
154 FEET FROM CENTER OF ISLAND LK DS OF LEFT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EFPC 10.9 FLOODPLAIN SAMPLE OC-63
132TVAC 841025
0000 FEET DEPTH CSN-RSP 0749228-0695308

/TYPA/AMENT/LNC/SOLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/25	12 45		6228	A	1.0	9.0	16.6	2.35	860.00	892.00	924.00	911.00
	12 47		6229	B	10.0	18.0			20.00	20.00	20.30	20.30
	12 49		6230	C	19.0	22.0					16.00	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM	70281 SED PART 2000-635 0SIZXTOT	70280 SED PART 500-2000 SIZE%TOT	70283 SED PART 125-500U SIZE%TOT
84/09/25	12 45		893.00		85.7	91.9	96.0	97.9		2.1	1.9	4.1
	12 47		20.30		96.4	97.6	99.8	100.0		0.01K	0.2	2.1
	12 49						97.8					

DATE FROM TO	TIME OF DAY	DEPTH FEET	70292 SED PART 63-125U SIZE%TOT	71925 MERCURY 2000-635 0U MG/KG	71924 MERCURY 500-2000 U MG/KG	71923 MERCURY 125-500U MG/KG	71926 MERCURY 63-125 U MG/KG
84/09/25	12 45		6.2	75.0	230.0	1700.0	1300.0
	12 47		1.2		34.0	37.0	15.0

STORET RETRIEVAL DATE 85/04/10

470100FP
36 00 08.0 084 17 19.0 2
77 FEET FROM CENTER OF ISLAND LK DS OF LEFT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EFPC 10.9 FLOODPLAIN SAMPLE OC-64
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749229-0695309

/TYPA/APENT/LNC/SOLIDS/SRSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/25	12 30		6231	A	1.0	9.0	39.9	2.41	200.00	182.00	160.00	156.00
	12 32		6232	B	10.0	18.0					1300.00	
	12 34		6233	C	19.0	27.0					750.00	
	12 36		6234	D	28.0	36.0					23.00	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM	70281 SED PART 2000-635 0SIZ%TOT	70280 SED PART 500-2000 SIZE%TOT	70283 SED PART 125-500U SIZE%TOT
84/09/25	12 30		152.00		48.2	64.2	87.1	96.8		3.2	9.7	22.9
	12 32						86.1					
	12 34				81.1	94.5	99.6	100.0				
	12 36				79.8	88.7	100.0	100.0				

DATE FROM TO	TIME OF DAY	DEPTH FEET	70282 SED PART 63-125U SIZE%TOT	71925 MERCURY 2000-635 0U MG/KG	71924 MERCURY 500-2000 U MG/KG	71923 MERCURY 125-500U MG/KG	71926 MERCURY 63-125 U MG/KG
84/09/25	12 30		16.1	55.0	120.0	95.0	130.0

STORET RETRIEVAL DATE 85/05/21

470101FP
35 00 09.0 084 17 19.0 2
27 FEET FR ISLAND CENTER ON ISLAND RB LK DS
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EFPC 10.9 FLOODPLAIN SAMPLE OC-65
132TVAC 841116
0000 FEET DEPTH CSN-RSP 0751739-0595310

/TYPA/AMBNT/LND/SOLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 53 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500J SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/25	12 00		6235	A	1.0	9.0	20.7	2.20	430.00	413.00	376.00	361.00
	12 02		6236	B	10.0	18.0					1100.00	
	12 04		6237	C	19.0	27.0					160.00	
	12 06		6238	D	28.0	36.0					5.50	
84/09/25	12 00		356.00		59.5	66.2	87.6	96.8		3.2	9.2	21.4
	12 02						85.2					
	12 04				90.9	94.4	100.0	100.0				
	12 06				89.8	96.4	98.8	98.8				

DATE FROM TO	TIME OF DAY	DEPTH FEET	70282 SED PART 63-125U SIZE%TOT	71925 MERCURY 2000-635 0U MG/KG	71924 MERCURY 500-2000 U MG/KG	71923 MERCURY 125-500U MG/KG	71925 MERCURY 63-125 U MG/KG
84/09/25	12 00		6.7	200.0	220.0	260.0	260.0

STORET RETRIEVAL DATE 85/04/10

470102FP
36 00 09.0 084 17 19.0 1
46 FEET FROM CENTER OF ISLAND LK DS OF RIGHT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EFPC 10.9 FLOODPLAIN SAMPLE OC-66
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749230-0695311

/TYPA/APENT/LND/SCLIDS/SRSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/25	11 20		6241	A	1.0	8.0	30.6	2.32	120.00	119.00	116.00	115.00
	11 22		6242	B	9.0	18.0					350.00	
	11 24		6243	C	19.0	27.0					3.50	
	11 26		6244	D	28.0	36.0					2.80	
	11 30		6245	U	1.00	8.00	29.7	2.51			160.00	
	11 32		6246	V	9.00	18.00					140.00	
	11 34		6247	X	19.00	27.00					5.40	
	11 36		6248	Y	28.00	36.00					2.40	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM	70281 SED PART 2000-635 0SIZ%TOT	70280 SED PART 500-2000 SIZE%TOT	70283 SED PART 125-500U SIZE%TOT
84/09/25	11 20		115.00		86.6	92.8	98.7	99.6		0.4	0.9	5.9
	11 22				93.0	97.6	100.0	100.0				
	11 24				70.3	82.0	95.2	97.3				
	11 26						99.7					
	11 30						97.9					
	11 32						95.1					
	11 34						97.8					
	11 36						98.4					

DATE FROM TO	TIME OF DAY	DEPTH FEET	70282 SED PART 63-125U SIZE%TOT	71925 MERCURY 2000-635 OU MG/KG	71924 MERCURY 500-2000 U MG/KG	71923 MERCURY 125-500U MG/KG	71926 MERCURY 63-125 U MG/KG
84/09/25	11 20		6.2	70.0	61.0	73.0	95.0

STORET RETRIEVAL DATE 85/04/10

470103EP
36 00 03.0 084 17 19.0 2
362 FEET FROM CENTER OF ISLAND LK DS OF LEFT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EFPC 10.9 FLOODPLAIN SAMPLE OC-67
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749231-0695312

/TYPA/APENT/LNG/SCLIDS/SDSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/25	13 05		6239	A	1.0	10.0	16.4	2.33			75.00	
84/11/07	11 35			AX	1.0	9.0					60.00	
	11 37			BX	10.0	18.0					0.89	
	11 39			CX	19.0	27.0					1.90	
	11 41			DX	28.0	36.0					0.23	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/09/25	13 05				73.6	86.5	97.4	99.0	
84/11/07	11 35						97.8		
	11 37						86.9		
	11 39						86.6		
	11 41						90.2		

STORET RETRIEVAL DATE 85/04/10

470105FP
36 00 08.0 084 17 19.0 2
457 FEET FROM CENTER OF ISLAND LK DS OF LEFT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EFPC 10.9 FLOODPLAIN SAMPLE OC-206
132TVAC 841201
0000 FEET DEPTH CSN-RSP 0754206-0695314

/TYPA/APBNT/LNC/SCLIOS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/11/07	11 50			AX	1.0	9.0					0.21	
	11 52			BX	10.0	18.0					0.21	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/11/07	11 50						92.5		
	11 52						100.0		

STORET RETRIEVAL DATE 85/04/10

470004FP
36 00 15.4 084 16 56.0 1
17.5 FEET FR STREAMBED CENTER LK DS OF RIGHT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EFPC 11.3 FLOODPLAIN SAMPLE OC-5
132TVAC 840810
0000 FEET DEPTH CSN-RSP 0740082-0695207

/TYPA/APENT/LNC/SCLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/06/19	10 55		442	A	1.0	9.0	31.5	2.16	65.00A		57.00A	
	11 05		443	B	10.0	18.0			110.00		76.00	
	11 15		444	C	19.0	27.0			12.00		11.00	
	11 20		445	Y	1.0D	9.0D	27.9	2.18	68.00A		63.00A	
	11 21		448	YD	1.0S	9.0S	28.1	2.23	56.00A		53.00A	
	11 25		446	X	10.0D	18.0D			90.00		45.00	
	11 30		447	Z	19.0D	27.0D			33.00		32.00	
	11 35		4051330R	Y	1.0	9.0						
	11 40		4051322R	X	10.0	18.0						
	11 45		4051348R	Z	19.0	27.0						

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/06/19	10 55				31.8		95.2	99.9	
	11 05				33.0		93.8	98.2	
	11 15				32.1		89.7	100.0	
	11 20				19.6		92.3	99.8	
	11 21				14.2		90.7	99.3	
	11 25				21.9		96.8	99.9	
	11 30				40.0		91.8	100.0	

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	01507 ALPHA SEDIMENT PC/G	01508 ALPHA SED-ERR PC/G	03507 BETA SEDIMENT PC/G	03508 BETA SED-ERR PC/G	15505 SR-89 SEDIMENT PCI/G	15506 SR-89 SED-ERR PCI/G
84/06/19	10 55		442	A	1.0	9.0						
	11 05		443	B	10.0	18.0						
	11 15		444	C	19.0	27.0						
	11 20		445	Y	1.0D	9.0D						
	11 21		448	YD	1.0S	9.0S						
	11 25		446	X	10.0D	18.0D						
	11 30		447	Z	19.0D	27.0D						
	11 35		4051330R	Y	1.0	9.0	22.0	6.0	76.0	15.0	0.3	0.4
	11 40		4051322R	X	10.0	18.0	17.0	5.0	70.0	14.0	0.1	0.5
	11 45		4051348R	Z	19.0	27.0	23.0	6.0	66.0	15.0	0.5	0.4

STORET RETRIEVAL DATE 85/04/10

470004FP
36 00 15.4 084 16 56.0 1
17.5 FEET FR STREAMBED CENTER LK DS OF RIGHT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EFPC 11.3 FLOODPLAIN SAMPLE OC-5
132TVAC 840810
0000 FEET DEPTH CSN-RSP 0740082-0695207

/TYPA/AMBNT/LNC/SCLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	15507 SR-90 SEDIMENT PCI/G	15508 SR-90 SED-ERR PCI/G	17509 PB-212 SEDIMENT PCI/G	17510 PB-212 SED-ERR PCI/G	17511 PB-214 SEDIMENT PCI/G	17512 PB-214 SED-ERR PCI/G	22300 K-40 SEDIMENT PCI/G	22301 K-40 SED-ERR PCI/G	22350 TL-208 SEDIMENT PCI/G	22351 TL-208 SED-ERR PCI/G
84/06/19	11 35		0.1	0.1	1.80	0.20			15.0	2.0	0.60	0.10
	11 40		0.1	0.2	2.00	0.30	1.40	0.20	17.0	2.0	0.70	0.10
	11 45		0.0	0.1	1.60	0.20	1.20	0.20	13.0	1.0	0.59	0.08

DATE FROM TO	TIME OF DAY	DEPTH FEET	22375 BI-212 SEDIMENT PCI/G	22376 BI-212 SED-ERR PCI/G	22377 BI-214 SEDIMENT PCI/G	22378 BI-214 SED-ERR PCI/G	22507 TH-234 SEDIMENT PCI/G	22508 TH-234 SED-ERR PCI/G	22608 URANIUM SEDIMENT UG/G	22609 URANIUM SED-ERR UG/G	22612 U-235 SEDIMENT PCI/G	22613 U-235 SED-ERR PCI/G
84/06/19	11 35		2.1	0.6	0.70	0.10	12.0	1.0	26.0	2.0		
	11 40		2.2	0.5	1.20	0.20	16.0	2.0	36.0	8.0	1.1	0.5
	11 45		1.7	0.4	1.00	0.20	9.0	1.0	37.0	11.0		

DATE FROM TO	TIME OF DAY	DEPTH FEET	25503 AC-228 SEDIMENT PCI/G	25504 AC-228 SED-ERR PCI/G	28418 CS-137 SEDIMENT PCI/G	28419 CS-137 SED-ERR PCI/G	21505 MPA-234 SEDIMENT PCI/G	21506 MPA-234 SED-ERR PCI/G	22450 AM-241 SEDIMENT PCI/G	22451 AM-241 SEDIMENT ERRO	22475 CU-244 SEDMENT PCI/G	22476 CU-244 SEDIMENT ERRO
84/06/19	11 35		1.50	0.30	2.00	0.20	16	6				
	11 40		1.70	0.30	1.10	0.10	26	6				
	11 45		1.70	0.30	0.55	0.90	14	4				

DATE FROM TO	TIME OF DAY	DEPTH FEET	09507 RA-226 SEDIMENT PC/G	09508 RA-226 SED-ERR PC/G	11506 RA-224 SEDIMENT PCI/G	11507 RA-224 SED-ERR PCI/G	11508 RA-223 SEDIMENT PCI/G	11509 RA-223 SEDIMENT ERROR	22016 PU-238 SEDIMENT PCI/G	22017 PU-238 SEDIMENT ERRO	22018 PU-239 SEDIMENT PCI/G	22019 PU-239 SEDIMENT ERRO
84/06/19	11 35				2.0	0.8	2.0	1.0				
	11 45				1.7	0.5						

STORET RETRIEVAL DATE 85/04/10

470004FP
36 00 15.4 084 16 56.0 1
17.5 FEET FR STREAMBED CENTER LK DS OF RIGHT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EFPC 11.3 (FLOODPLAIN SAMPLE OC-5)
132TVAC 840810
0000 FEET DEPTH CSN-RSP 0740082-0695207

/TYPA/AMBNT/LNC/SOLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	21503 PA-233 SEDIMENT PCI/G	21504 PA-233 SED-ERR PCI/G	22200 BE-7 SEDIMENT PCI/G	22201 BE-7 SED-ERR PCI/G	29604 CO-60 SEDIMENT PCI/G	29605 CO-60 SED-ERR PCI/G
84/06/19	11 35				1.2	0.5		

STORET RETRIEVAL DATE 85/04/12

476596
36 00 35.0 084 16 25.0 2
INSTREAM SAMPLE
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 12.06
132TVAC 841013
1000 FEET DEPTH CSN-RSP 0745263-0695467

/TYPA/AGENT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	70320 MOISTURE CONTENT PERCENT	70322 RESIDUE TOT VOL PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	81356 CATION EX. CAP. MEA/100G	71921 MERCURY SEDMG/KG DRY WGT	81756 TOT SED PARTSIZ% <.0005MM	80181 TOT SED PARTSIZE %<.002MM	80183 TOT SED PARTSIZE %<.008MM
84/09/19	09 10		5848	D61	21		2.73					

DATE FROM TO	TIME OF DAY	DEPTH FEET	80184 TOT SED PARTSIZE %<.016MM	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	00557 OIL-GRSE MUD FRGR MG/KG	00721 CYANIDE SEDMG/KG DRY WGT	01003 ARSENIC SEDMG/KG DRY WGT	01028 CD MUD DRY WGT MG/KG-CD	01029 CHROMIUM SEDMG/KG DRY WGT
84/09/19	09 10			4.3	5.1	8.93	21.7					

DATE FROM TO	TIME OF DAY	DEPTH FEET	01078 SILVER SEDMG/KG DRY WGT	01163 ZR MUD DRY WGT MG/KG-ZR	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG	80329 MERCURY LT6.35MM SEDMG/KG
84/09/19	09 10				22.00	20.5	16.5	11.4	9.3

STORET RETRIEVAL DATE 85/04/10

470050FP
36 00 35.0 084 16 25.0 2
27 FEET FROM STREAMBED CENTER LK DS OF LEFT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EFPC 12.06 FLOODPLAIN SAMPLE OC-57
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749179-0695257

/TYPA/AMBNT/LNC/SCLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71921 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/19	09 25		5842	A	1.0	9.0	10.5	2.33	46.00	40.50	36.20	36.30
	09 27		5843	B	10.0	17.0					84.00	
	09 28		5859	BD	10.0S	17.0S						
	09 29		5844	C	18.0	22.0					370.00	
	09 31		5845	D	23.0	24.0					47.00	
84/11/07	13 10			AX	1.0	9.0					62.00	
	13 12			BX	10.0	18.0					160.00	
	13 14			CX	19.0	27.0					3.10	
	13 16			DX	28.0	36.0					1.70	
	13 18			EX	37.0	44.0					0.95	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM	70281 SED PART 2000-635 OSIZ%TOT	70280 SED PART 500-2000 SIZE%TOT	70283 SED PART 125-500U SIZE%TOT
84/09/19	09 25		36.40		49.1	66.5	97.4	99.7		0.3	2.3	30.9
	09 27						94.9					
	09 28						96.6					
	09 29						98.1					
	09 31						98.7					
84/11/07	13 10						96.6					
	13 12						96.9					
	13 14						97.5					
	13 16						98.1					
	13 18						97.1					

DATE FROM TO	TIME OF DAY	DEPTH FEET	70282 SED PART 63-125U SIZE%TOT	71925 MERCURY 2000-635 OU MG/KG	71924 MERCURY 500-2000 U MG/KG	71923 MERCURY 125-500U MG/KG	71926 MERCURY 63-125 U MG/KG
84/09/19	09 25		17.4	75.0	38.0	27.0	25.0

STORET RETRIEVAL CATE 85/04/10

470051FP
36 09 35.0 084 16 25.0 2
21 FEET FROM STREAMBED CENTER LK DS CF RIGHT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EFPC 12.06 FLOODPLAIN SAMPLE OC-58
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749180-0695258

/TYPA/AMBNT/LNC/SCLIDS/SBSOIL/POLLUT

DATE FRCM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CCCE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/19	09 45		5846	A	1.0	3.0	7.4	2.43			0.37	

DATE FRCM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/09/19	09 45				68.2	80.9	99.7	100.0	

STORET RETRIEVAL DATE 85/03/01

/TYPA/AMBNT/LND/SOLIDS/SEDOIL/POLLUT

470052FP
36 00 35.0 084 15 25.0 2
51 FEET FROM STREAMBED CENTER LK DS OF RIGHT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EPPC 12.06 FLOODPLAIN SAMPLE OC-59
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749181-0695259

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84058 SERIES CODE ALPHA	81700 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/19	09 50		5847	A	1.0	5.0	5.1	2.47			6.80	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/09/19	09 50						96.0		

STORET RETRIEVAL DATE 85/04/19

470053FP
36 00 35.0 084 16 25.0 2
160 FEET FROM STREAMBED CENTER LK DS OF RIGHT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EFPC 12.06 FLOODPLAIN SAMPLE OC-60
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749182-0695260

/TYPA/AMBNT/LNC/SCLIDS/SBSOIL/PCLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/19	09 50		5849	A	0.1	1.0	0.1U	2.44			0.63	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/09/19	09 50						93.2		

STORET RETRIEVAL DATE 85/04/10

470054EP
3 00 35.0 084 15 25.0 2
200 FEET FROM STREAMBED CENTER LK DS OF RIGHT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EFPC 12.06 FLOODPLAIN SAMPLE OC-61
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749183-0695261

/TYPA/AMBNT/LNC/SCLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/19	09 55		5850	A	0.1	1.0	6.8	2.46			1.40	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/09/19	09 55				35.8	45.8	94.6	100.0	

STORET RETRIEVAL DATE 85/04/10

470002FP
36 00 13.8 084 15 43.7 1
19 FEET FROM STREAMBED CENTER LK DS OF RIGHT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EFPC 12.89 FLOODPLAIN SAMPLE OC-3
132TVAC 840810
0000 FEET DEPTH CSN-RSP 0740081-0695206

/TYPA/AMBNT/LND/SCLIDS/SHSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/06/18	15 45		439	A	1.0	9.0	40.9	2.23	74.00A		71.00A	
	15 47		440	B	10.0	18.0			53.00		51.00	
	15 50		441	X	1.0	22.0	32.4	2.32	55.00		53.00	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/06/18	15 45				42.0		96.3	99.8	
	15 47				25.3		69.4	83.1	
	15 50				33.1		89.9	98.8	

STORET RETRIEVAL DATE 85/04/12

476595
36 00 19.0 084 15 38.0 2
INSTREAM SAMPLE
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 13.0
132TVAC 841013
0000 FEET DEPTH CSN-RSP 0745262-0695465

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	70320 MOISTURE CONTENT PERCENT	70322 RESIDUE TOT VOL PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	81356 CATION EX. CAP. MEA/100G	71921 MERCURY SEDMG/KG DRY WGT	81756 TOT SED PARTSIZ% <.0005MM	80181 TOT SED PARTSIZE %<.002MM	80183 TOT SED PARTSIZE %<.008MM
84/09/18	17 00		5840	056	26		2.62					

DATE FROM TO	TIME OF DAY	DEPTH FEET	80184 TOT SED PARTSIZE %<.016MM	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	00557 OIL-GRSE MUD FRGR MG/KG	00721 CYANIDE SEDMG/KG DRY WGT	01003 ARSENIC SEDMG/KG DRY WGT	01028 CD MUD DRY WGT MG/KG-CD	01029 CHROMIUM SEDMG/KG DRY WGT
84/09/18	17 00			15.3	17.4	22.20	34.2					

DATE FROM TO	TIME OF DAY	DEPTH FEET	01078 SILVER SEDMG/KG DRY WGT	01163 ZR MUD DRY WGT MG/KG-ZR	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG	80329 MERCURY LT6.35MM SEDMG/KG
84/09/18	17 00				12.00	11.6	12.5	15.9	13.7

STORET RETRIEVAL DATE 85/04/10

470045FP
36 00 19.0 084 15 38.0 2
220 FEET FROM STREAMBED CENTER LK DS OF RIGHT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EFPC 13.9 FLOODPLAIN SAMPLE OC-50
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749174-0695252

/TYPA/AMENT/LNC/SCLIOS/SBSOIL/PCLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/18	16 30		5721	A	1.0	8.0	16.6	2.57			71.00	
	16 32		5722	X	1.00	8.00	14.8	2.50			39.00	
84/11/07	13 35			AX	1.0	9.0					130.00	
	13 37			BX	10.0	18.0					1.50	
	13 39			CX	19.0	27.0					0.25	
	13 41			DX	28.0	30.0					0.37	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/09/18	16 30				83.0	94.6	99.9	100.0	
	16 32						83.0		
84/11/07	13 35						94.7		
	13 37						91.7		
	13 39						97.7		
	13 41						99.1		

STORET RETRIEVAL DATE 85/04/10

470046FP
36 00 19.0 084 15 39.0 2
120 FEET FROM STREAMBED CENTER LK DS OF RIGHT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN- 040102
EFPC 13.0 FLOODPLAIN SAMPLE OC-51
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749175-0695253

/TYPA/APENT/LNC/SCLICS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/18	16 35		5723	A	1.0	9.0	20.6	2.44	85.00	81.80	83.20	83.20
	16 37		5724	B	10.0	18.0					3.60	
	16 39		5725	C	19.0	24.0					2.10	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM	70281 SED PART 2000-635 0SIZ%TOT	70280 SED PART 500-2000 SIZE%TOT	70283 SED PART 125-500U SIZE%TOT
84/09/18	16 35		83.20		89.6	97.6	99.8	100.0		0.01K	0.1	2.2
	16 37						98.7					
	16 39						92.8					

DATE FROM TO	TIME OF DAY	DEPTH FEET	70282 SED PART 63-125U SIZE%TOT	71925 MERCURY 2000-635 0U MG/KG	71924 MERCURY 500-2000 U MG/KG	71923 MERCURY 125-500U MG/KG	71926 MERCURY 63-125 U MG/KG
84/09/18	16 35		8.0		29.0	150.0	45.0

STORET RETRIEVAL DATE 85/04/10

470047FP
36 00 19.0 084 15 38.0 2
20 FEET FROM STREAMBED CENTER LK DS OF RIGHT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EFPC 13.0 FLOODPLAIN SAMPLE OC-52
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749176-0695254

/TYPA/APENT/LNC/SCLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/18	16 50		5835	A	1.0	9.0	17.4	2.60	3.50	3.30	3.10	2.50
	16 51		5858	AD	1.0S	9.0S	17.4	2.51	12.00	10.80	9.69	9.29
	16 52		5836	B	10.0	18.0					0.58	
	16 54		5837	C	19.0	27.0					0.10	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM	70281 SED PART 2000-635 OSIZ%TOT	70280 SED PART 500-2000 SIZE%TOT	70283 SED PART 125-500U SIZE%TOT
84/09/18	16 50		2.50		57.1	69.4	76.5	99.1		0.9	22.6	7.0
	16 51		9.00		65.1	76.3	92.6	96.9		3.1	4.3	16.3
	16 52				77.5	93.1	99.7	99.8				
	16 54				72.2	87.9	94.1	98.5				

DATE FROM TO	TIME OF DAY	DEPTH FEET	70282 SED PART 63-125U SIZE%TOT	71925 MERCURY 2000-635 OU MG/KG	71924 MERCURY 500-2000 U MG/KG	71923 MERCURY 125-500U MG/KG	71926 MERCURY 63-125 U MG/KG
84/09/18	16 50		12.4	0.6	0.1	2.3	2.3
	16 51		11.2	0.1K	0.5	4.6	3.7

STORET RETRIEVAL DATE 85/04/10

470048FP
36 00 19.0 084 15 38.0 2
67.5 FEET FROM STREAMBED CENTER LK DS OF LEFT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EFPC 13.0 (FLOODPLAIN SAMPLE OC-53)
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749177-0695255

/TYPA/APBNT/LND/SCLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/18	17	05	5838	A	1.0	8.0	15.2	2.17	80.00	74.30	68.90	69.10
	17	07	5839	B	5.0	16.0					190.00	
84/11/07	14	10		AX	1.0	9.0					130.00	
	14	12		BX	10.0	18.0					16.00	
	14	14		CX	15.0	28.0					0.21	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM	70281 SED PART 2000-635 OSIZXTOT	70280 SED PART 500-2000 SIZEXTOT	70283 SED PART 125-500U SIZEXTOT
84/09/18	17	05	66.20		68.8	78.1	87.1	93.8		6.2	6.7	9.0
84/11/07	14	10					92.4					
	14	12					97.3					
	14	14					91.8					

DATE FROM TO	TIME OF DAY	DEPTH FEET	70282 SED PART 63-125U SIZEXTOT	71925 MERCURY 2000-635 OU MG/KG	71924 MERCURY 500-2000 U MG/KG	71923 MERCURY 125-500U MG/KG	71926 MERCURY 63-125 U MG/KG
84/09/18	17	05	9.2	23.0	70.0	23.0	32.0

STORET RETRIEVAL DATE 85/04/10

470049FP
35 00 19.0 084 15 38.0 2
118 FEET FROM STREAMBED CENTER LK DS OF LEFT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EFPC 13.0 FLOODPLAIN SAMPLE OC-54
132TVAC 841024
0000 FEET DEPTH CSN-RSP 0749178-0695256

/TYPA/APENT/LNC/SOLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/18	17 10		5841	A	1.0	9.0	15.5	2.51			24.00	
84/11/07	14 25			AX	1.0	9.0					15.00	
	14 27			BX	10.0	18.0					1.00	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/09/18	17 10						92.8		
84/11/07	14 25						97.7		
	14 27						90.8		

STORET RETRIEVAL DATE 85/04/10

470104FP
36 00 19.0 084 15 38.0 2
265 FEET FROM STREAMBED CENTER LK DS OF RIGHT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EFPC 13.0 FLOODPLAIN SAMPLE OC-207
132TVAC 841201
0000 FEET DEPTH CSN-RSP 0754205-0695313

/TYPA/APENT/LNC/SCLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/11/07	13 55			A	1.0	9.0					24.00	
	13 57			B	10.0	18.0					130.00	
	13 59			C	15.0	28.0					8.00	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/11/07	13 55						87.5		
	13 57						92.5		
	13 59						91.2		

STORET RETRIEVAL DATE 85/04/12

476593
36 00 08.0 084 15 10.0 2
INSTREAM SAMPLE
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 13.55
132TVAC 841013
0000 FEET DEPTH CSN-RSP 0745260-0695463

/TYPA/AMENT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	70320 MOISTURE CONTENT PERCENT	70322 RESIDUE TOT VOL PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	81356 CATION EX. CAP. MEA/100G	71921 MERCURY SEDMG/KG DRY WGT	81756 TOT SED PARTSIZ% <.0005MM	80181 TOT SED PARTSIZE %<.002MM	80183 TOT SED PARTSIZE %<.008MM
84/09/18	11 30		5711	D48	25		2.53					
	11 31		5727	D48D	20		2.57					

DATE FROM TO	TIME OF DAY	DEPTH FEET	80184 TOT SED PARTSIZE %<.016MM	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	70281 SED PART 2000-635 0SIZ%TOT	70280 SED PART 500-2000 SIZE%TOT	70283 SED PART 125-500U SIZE%TOT	70282 SED PART 63-125U SIZE%TOT	71925 MERCURY 2000-635 0U MG/KG
84/09/18	11 30			22.2	28.6	33.1	44.9	55.2	11.9	4.5	6.5	11.0
	11 31			20.9	28.9	35.8	57.4	42.6	21.7	6.9	8.0	17.0

DATE FROM TO	TIME OF DAY	DEPTH FEET	71924 MERCURY 500-2000 U MG/KG	71923 MERCURY 125-500U MG/KG	71926 MERCURY 63-125 U MG/KG	00557 OIL-GRSE MUD FRGR MG/KG	00721 CYANIDE SEDMG/KG DRY WGT	01003 ARSENIC SEDMG/KG DRY WGT	01028 CD MUD DRY WGT MG/KG-CD	01029 CHROMIUM SEDMG/KG DRY WGT	01052 LEAD SEDMG/KG DRY WGT	01068 NICKEL SEDMG/KG DRY WGT
84/09/18	11 30		33.0	96.0	50.0							
	11 31		30.0	37.0	16.0							

DATE FROM TO	TIME OF DAY	DEPTH FEET	01078 SILVER SEDMG/KG DRY WGT	01163 ZR MUD DRY WGT MG/KG-ZR	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG	80329 MERCURY LT6.35MM SEDMG/KG
84/09/18	11 30				36.00	39.0	47.0	43.2	25.5
	11 31				30.00	26.1	28.2	28.9	23.8

STORET RETRIEVAL DATE 95/04/10

470038FP
36 00 08.0 084 15 10.0 2
228 FEET FROM STREAMBED CENTER LK DS OF RIGHT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EFPC 13.55 (FLOODPLAIN SAMPLE OC-43)
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749167-0695245

/TYPA/APENT/LNC/SOLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/18	12 30		5698	A	1.0	6.0	12.1	2.44			34.00	
84/11/07	14 35			AX	1.0	9.0					24.00	
	14 37			BX	10.0	18.0					0.15	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/09/18	12 30						96.8		
84/11/07	14 35						97.5		
	14 37						97.7		

STORET RETRIEVAL DATE 85/04/10

470039FP
36 00 08.0 084 15 10.0 2
117 FEET FROM STREAMBED CENTER LK DS OF RIGHT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EFPC 13.55 FLOODPLAIN SAMPLE OC-44
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749168-0695246

/TYPA/AMBNT/LNC/SCLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/18	12 40		5699	A	1.0	9.0	27.9	2.38			460.00	
	12 42		5700	B	10.0	18.0			75.00	75.90	76.60	75.70
	12 44		5701	C	19.0	27.0					16.00	
	12 46		5702	D	28.0	34.0					1.90	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM	70281 SED PART 2000-635 OSIZ%TOT	70280 SED PART 500-2000 SIZE%TOT	70283 SED PART 125-500U SIZE%TOT
84/09/18	12 40						90.3					
	12 42		74.80	80.00A	88.7	93.1	94.2	95.4		4.6	1.2	1.1
	12 44						93.5					
	12 46						82.2					

DATE FROM TO	TIME OF DAY	DEPTH FEET	70282 SED PART 63-125U SIZE%TOT	71925 MERCURY 2000-635 OU MG/KG	71924 MERCURY 500-2000 U MG/KG	71923 MERCURY 125-500U MG/KG	71926 MERCURY 63-125 U MG/KG
84/09/18	12 42		4.4	56.0	7.2	133.0	95.0

STORET RETRIEVAL DATE 85/04/10

470040FP
36 00 08.0 084 15 10.0 ?
20 FEET FROM STREAMBED CENTER LK DS OF RIGHT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EFPC 13.55 FLOODPLAIN SAMPLE OC-45
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749169-0695247

/TYPA/APENT/LNO/SCLIDS/SRSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/18	12 15		5703	A	1.0	9.0	22.0	2.26	900.00	719.00	615.00	597.00
	12 16		5726	AD	1.0S	9.0S	29.2	2.45	1000.00	817.00	637.00	622.00
	12 17		5704	B	10.0	18.0					61.00	
	12 19		5705	C	19.0	27.0					9.00	
	12 21		5706	D	28.0	36.0					3.00	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM	70281 SED PART 2000-635 OSIZ%TOT	70280 SED PART 500-2000 SIZE%TOT	70283 SED PART 125-500U SIZE%TOT
84/09/18	12 15		596.00	690.00A	60.5	79.5	96.4	99.8		0.2	3.4	16.9
	12 16		613.00		52.5	69.8	96.1	98.6		1.4	2.5	26.3
	12 17						90.0					
	12 19						92.7					
	12 21						87.0					

DATE FROM TO	TIME OF DAY	DEPTH FEET	70282 SED PART 63-125U SIZE%TOT	71925 MERCURY 2000-635 OU MG/KG	71924 MERCURY 500-2000 U MG/KG	71923 MERCURY 125-500U MG/KG	71926 MERCURY 63-125 U MG/KG
84/09/18	12 15		19.0	38.0	100.0	130.0	140.0
	12 16		17.3		45.0	150.0	260.0

STORET RETRIEVAL DATE 85/04/10

470041FP
36 00 08.0 084 15 10.0 2
21 FEET FROM STREAMBED CENTER LK DS OF LEFT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EFPC 13.55 FLOODPLAIN SAMPLE OC-46
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749170-0695248

/TYPA/AMBNT/LNC/SCLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/18	11 40		5707	A	1.0	9.0	18.9	2.31	610.00	523.00	460.00	459.00
	11 42		5708	B	10.0	18.0					720.00	
	11 44		5709	C	19.0	27.0					83.00	
	11 46		5710	D	28.0	36.0					20.00	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT5.35MM	70281 SED PART 2000-635 0SIZ%TOT	70280 SED PART 500-2000 SIZE%TOT	70283 SED PART 125-500U SIZE%TOT
84/09/18	11 40		459.00	610.00A	61.3	81.8	99.5	99.9		0.1	0.4	17.7
	11 42				63.5	81.0	95.5	98.1				
	11 44						87.0					
	11 46						92.9					

DATE FROM TO	TIME OF DAY	DEPTH FEET	70282 SED PART 63-125U SIZE%TOT	71925 MERCURY 2000-635 0U MG/KG	71924 MERCURY 500-2000 U MG/KG	71923 MERCURY 125-500U MG/KG	71926 MERCURY 63-125 U MG/KG
84/09/18	11 40		20.6	4.7	160.0	170.0	260.0

STORET RETRIEVAL DATE 85/04/10

470042FP
36 00 08.0 084 15 10.0 2
112 FEET FROM STREAMBED CENTER LK DS OF LEFT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EFPC 13.55 (FLOODPLAIN SAMPLE OC-48)
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749171-0695249

/TYPA/AMBNT/LNC/SCLIDS/SBSOIL/PCLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/18	12 00		5712	A	1.0	8.0	18.2	2.59	1.00	1.03	1.05	1.04
	12 02		5713	B	9.0	16.0			0.25	0.24	0.24	0.22
	12 04		5714	C	17.0	25.0					0.10U	
	12 06		5715	D	26.0	36.0					0.15	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM. SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM	70281 SED PART 2000-635 0SIZ%TOT	70280 SED PART 500-2000 SIZE%TOT	70283 SED PART 125-500U SIZE%TOT
84/09/18	12 00		1.04	1.40A	68.0	89.6	95.6	97.3		2.7	1.6	6.1
	12 02		0.22		74.6	88.6	93.4	98.8		1.2	5.4	4.8
	12 04						92.7					
	12 06						94.4					

DATE FROM TO	TIME OF DAY	DEPTH FEET	70282 SED PART 63-125U SIZE%TOT	71925 MERCURY 2000-635 0U MG/KG	71924 MERCURY 500-2000 U MG/KG	71923 MERCURY 125-500U MG/KG	71926 MERCURY 63-125 U MG/KG
84/09/18	12 00		21.5	0.1K	0.9	1.6	1.1
	12 02		14.0	0.2	0.1K	0.2	0.1

STORET RETRIEVAL DATE 85/04/10

470026FP
36 00 06.0 084 15 04.0 2
280 FEET FROM STREAMBED CENTER LK DS OF LEFT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EFPC 13.66 FLOODPLAIN SAMPLE OC-21-1
132TVAC 840817
0000 FEET DEPTH CSN-RSP 0741128-0695231

/TYPA/ABNT/LND/SCLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/06/26	10 15		866	A	1.0	4.0	41.2	2.16	1.60A		1.40A	
	10 17		880	AD	1.0S	4.0S	41.8	2.16	1.50A		1.40A	
	10 20		867	B	5.0	8.0			0.75		0.50	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/06/26	10 15				47.8		94.8	99.0	
	10 17				51.0		94.8	98.5	
	10 20				68.0		90.4	99.4	

STORET RETRIEVAL DATE 85/04/10

470027FP
36 00 06.0 084 15 04.0 2
180 FEET FROM STREAMBED CENTER LK DS OF LEFT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EFPC 13.66 (FLOODPLAIN SAMPLE OC-21-2)
132TVAC 840817
0000 FEET DEPTH CSN-RSP 0741129-0695232

/TYPA/APBNT/LNC/SCLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/06/26	10 30		868	A	1.0	11.0	52.4	1.74	960.00A		950.00A	
	10 35		869	B	12.0	19.0			57.00		53.00	
	10 40		870	C	20.0	30.0			5.80		4.60	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/06/26	10 30				42.4		95.0	99.8	
	10 35				37.3		93.1	100.0	
	10 40				35.3		93.8	98.8	

STORET RETRIEVAL DATE 85/04/10

470028FP
36 09 06.0 084 15 04.0 2
80 FEET FROM STREAMBED CENTER LK DS OF LEFT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EFPC 13.66 FLOODPLAIN SAMPLE OC-21-3
132TVAC 840817
0000 FEET DEPTH CSN-RSP 0741130-0695233

/TYPA/APENT/LND/SCLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/06/26	11 05		871	A	1.0	6.0	39.2	2.08	190.00A		160.00A	
	11 10		872	B	7.0	12.0			500.00		450.00	
	11 15		873	C	13.0	18.0			20.00		25.00	
	11 20		874	D	19.0	24.0			5.50		8.70	
	13 15		4051355R	A	1.0	6.0						
	13 20		4051363R	B	7.0	12.0						
	13 25		4051371R	C	13.0	18.0						
	13 30		4051389R	D	19.0	24.0						

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/06/26	11 05				30.6		91.8	99.5	
	11 10				61.7		97.6	100.0	
	11 15				52.9		90.9	100.0	
	11 20				51.4		93.2	100.0	

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	01507 ALPHA SEDIMENT PC/G	01508 ALPHA SED-ERR PC/G	03507 BETA SEDIMENT PC/G	03508 BETA SED-ERR PC/G	15505 SR-89 SEDIMENT PCI/G	15506 SR-89 SED-ERR PCI/G
84/06/26	11 05		871	A	1.0	6.0						
	11 10		872	B	7.0	12.0						
	11 15		873	C	13.0	18.0						
	11 20		874	D	19.0	24.0						
	13 15		4051355R	A	1.0	6.0	13.0	3.0	100.0	20.0	0.2	0.4
	13 20		4051363R	B	7.0	12.0	40.0	9.0	140.0	130.0	0.1	0.4
	13 25		4051371R	C	13.0	18.0	5.0	1.0	57.0	11.0	0.5	0.4
	13 30		4051389R	D	19.0	24.0	3.0	1.0	36.0	7.0	0.3	0.4

STORET RETRIEVAL DATE 85/04/10

/TYPA/AMBNT/LNC/SOLIDS/SBSOIL/POLLUT

470028FP
36 00 06.0 084 15 04.0 2
80 FEET FROM STREAMBED CENTER LK DS OF LEFT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EFPC 13.66 FLOODPLAIN SAMPLE OC-21-3
132TVAC 840817
0000 FEET DEPTH CSN-RSP 0741130-0695233

DATE FROM TO	TIME OF DAY	DEPTH FEET	15507 SR-90 SEDIMENT PCI/G	15508 SR-90 SED-ERR PCI/G	17509 PB-212 SEDIMENT PCI/G	17510 PB-212 SED-ERR PCI/G	17511 PB-214 SEDIMENT PCI/G	17512 PB-214 SED-ERR PCI/G	22300 K-40 SEDIMENT PCI/G	22301 K-40 SED-ERR PCI/G	22350 TL-208 SEDIMENT PCI/G	22351 TL-208 SED-ERR PCI/G
84/06/26	13 15		0.1	0.1	5.40	0.60	1.00	0.10	21.0	2.0	1.90	0.20
	13 20		0.2	0.2	4.20	0.50	1.20	0.20	21.0	2.0	1.40	0.10
	13 25		0.0	0.1	1.30	0.10	1.10	0.10	19.0	2.0	0.48	0.06
	13 30		0.0	0.1	1.30	0.20	1.10	0.10	18.0	2.0	0.44	0.06

DATE FROM TO	TIME OF DAY	DEPTH FEET	22375 BI-212 SEDIMENT PCI/G	22376 BI-212 SED-ERR PCI/G	22377 BI-214 SEDIMENT PCI/G	22378 BI-214 SED-ERR PCI/G	22507 TH-234 SEDIMENT PCI/G	22508 TH-234 SED-ERR PCI/G	22608 URANIUM SEDIMENT UG/G	22609 URANIUM SED-ERR UG/G	22612 U-235 SEDIMENT PCI/G	22613 U-235 SED-ERR PCI/G
84/06/26	13 15		6.3	0.9	1.00	0.10	29.0	4.0	73.0	14.0	1.7	0.5
	13 20		4.4	0.8	1.20	0.20	24.0	3.0	64.0	13.0	1.4	0.4
	13 25		1.7	0.4	1.00	0.30	13.0	2.0	39.0	7.0	0.8	0.2
	13 30		1.6	0.4	1.10	0.10	3.6	0.6	16.0	1.0		

DATE FROM TO	TIME OF DAY	DEPTH FEET	25503 AC-228 SEDIMENT PCI/G	25504 AC-228 SED-ERR PCI/G	28418 CS-137 SEDIMENT PCI/G	28419 CS-137 SED-ERR PCI/G	21505 MPA-234 SEDIMENT PCI/G	21506 MPA-234 SED-ERR PCI/G	22450 AM-241 SEDIMENT PCI/G	22451 AM-241 SEDIMENT ERRO	22475 CU-244 SEDMENT PCI/G	22476 CU-244 SEDIMENT ERRO
84/06/26	13 15		4.30	0.40	1.70	0.20	41	7	0.050	0.010	0.004	0.004
	13 20		3.70	0.60	2.70	0.20	35	7	0.024	0.008	0.007	0.005
	13 25		1.30	0.20	1.00	0.10	22	4	0.050	0.010	0.009	0.004
	13 30		1.10	0.20	0.07	0.03			0.007	0.003	0.012	0.005

STORET RETRIEVAL DATE 85/04/10

470028FP
36 00 06.0 084 15 04.0 2
80 FEET FROM STREAMBED CENTER LK DS OF LEFT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EFPC 13.66 FLOODPLAIN SAMPLE OC-21-3
132TVAC 840817
0000 FEET DEPTH CSN-RSP 0741130-0695233

/TYPA/APENT/LND/SCLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	09507 RA-226 SEDIMENT PC/G	09508 RA-226 SED-ERR PC/G	11506 RA-224 SEDIMENT PCI/G	11507 RA-224 SED-ERR PCI/G	11508 RA-223 SEDIMENT PCI/G	11509 RA-223 SEDIMENT ERROR	22016 PU-238 SEDIMENT PCI/G	22017 PU-238 SEDIMENT ERRO	22018 PU-239 SEDIMENT PCI/G	22019 PU-239 SEDIMENT ERRO
84/06/26	13 15				6.2	0.7			0.0900	0.0100	0.050	0.010
	13 20								0.0020	0.0010	0.039	0.010
	13 25				1.5	0.5			0.0400	0.0100	0.060	0.010
	13 30						0.7	0.4	0.0011	0.0008	0.001	0.001

DATE FROM TO	TIME OF DAY	DEPTH FEET	21503 PA-233 SEDIMENT PCI/G	21504 PA-233 SED-ERR PCI/G	22200 BE-7 SEDIMENT PCI/G	22201 BE-7 SED-ERR PCI/G	29604 CO-60 SEDIMENT PCI/G	29605 CO-60 SED-ERR PCI/G
84/06/26	13 20						0.04	0.02

STORET RETRIEVAL DATE 85/04/10

/TYPA/AMENT/LNC/SCLIDS/SBSOIL/POLLUT

470029FP
35 00 06.0 084 15 04.0 2
5 FEET FROM STREAMBED CENTER LK DS OF RIGHT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EFPC 13.66 FLOODPLAIN SAMPLE OC-21-4
132TVAC 840817
0000 FEET DEPTH CSN-RSP 0741131-0695235

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	91900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/06/26	11 30		875	A	1.0	4.0	26.3	2.27	86.00A		71.00A	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/06/26	11 30				28.7		73.6	91.1	

STORET RETRIEVAL DATE 85/04/10

470030FP
36 00 06.0 084 15 04.0 2
105 FEET FROM STREAMBED CENTER LK DS OF RIGHT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EFPC 13.66 FLOODPLAIN SAMPLE OC-21-5
132TVAC 840817
0000 FEET DEPTH CSN-RSP 0741132-0695236

/TVPA/AGENT/LNC/SCLIDS/SRSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/06/26	12 55		876	A	1.0	4.0	29.1	2.14	5.10A		4.90A	
	13 00		877	B	5.0	8.0			0.65		0.10	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/06/26	12 55				46.2		90.2	96.3	
	13 00				61.0		93.8	99.4	

STORET RETRIEVAL DATE 85/04/10

/TYPA/AMBNT/LNC/SOLIDS/SBSOIL/POLLUT

4700315P
36 00 06.0 084 15 04.0 2
205 FEET FROM STREAMBED CENTER LK DS OF RIGHT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EFPC 13.66 FLOODPLAIN SAMPLE CC-21-6
132TVAC 840817
0000 FEET DEPTH CSN-RSP 0741133-0695237

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/06/27	13 10		878	A	1.0	6.0	30.3	2.23	2.30A		2.10A	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/06/27	13 10				46.9		89.9	97.4	

STORET RETRIEVAL DATE 85/04/10

47001 9FP
36 00 06.0 084 15 04.0 2
70 FEET FROM STREAMBED CENTER LK DS OF LEFT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EFPC 13.71 FLOODPLAIN SAMPLE OC-20-3
132TVAC 840817
0000 FEET DEPTH CSN-RSP 0741121-0695224

/TYPA/AMENT/LNC/SCLIDS/SHSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/06/22	14 00		565	A	1.0	10.0	31.5	2.22	140.00A		94.00A	
	14 03		566	B	11.0	20.0			220.00		190.00	
	14 06		567	C	21.0	30.0			4.10		2.60	
	14 09		568	D	31.0	40.0			1.70		0.90	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/06/22	14 00				22.3		91.4	99.0	
	14 03				41.0		97.6	99.6	
	14 06				65.2		98.9	100.0	
	14 09				81.2		94.9	99.8	

STORET RETRIEVAL DATE 85/04/10

470020FP
36 00 05.0 084 15 04.0 2
170 FEET FROM STREAMBED CENTER LK DS OF LEFT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EFPC 13.71 FLOODPLAIN SAMPLE CC-20-4
132TVAC 840817
0000 FEET DEPTH CSN-RSP 0741122-0695225

/TYPA/APENT/LNC/SCLIDS/SASOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/06/20	14 40										6.10	
84/06/22	14 30		569	A	1.0	7.0	41.9	2.12	320.00A		280.00A	
	14 35		570	B	8.0	14.0			1100.00		820.00	
	14 40		571	C	15.0	26.0			7.40		6.10	
	14 45		572	D	27.0	38.0			3.60		3.40	
	14 50		573	AX	1.00	7.00	41.2	2.05	200.00A		170.00A	
	14 55		574	BX	8.00	14.00			2000.00		1400.00	
	15 00		575	CX	15.00	26.00			46.00		34.00	
	15 05		576	DX	27.00	38.00			1.30		1.00	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/06/22	14 30				60.2		98.4	100.0	
	14 35				35.1		94.9	99.6	
	14 40				47.2		96.8	100.0	
	14 45				62.3		95.0	98.3	
	14 50				40.0		99.9	100.0	
	14 55				45.3		93.5	98.9	
	15 00				63.3		96.8	100.0	
	15 05				63.5		91.2	96.6	

STORET RETRIEVAL DATE 85/09/10

470021FP
35 00 05.0 084 15 04.0 2
270 FEET FROM STREAMBED CENTER LK DS OF LEFT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EFPC 13.71 FLOODPLAIN SAMPLE CC-20-5
132TVAC 840817
0000 FEET DEPTH CSN-RSP 0741123-0695226

/TYPA/AMBNT/LNC/SCLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/06/22	15 30		577	A	1.0	10.0	54.2	1.71	130.00A		250.00A	
	15 33		578	B	11.0	20.0			2000.00		1800.00	
	15 36		579	C	21.0	30.0			5.60		5.00	
	15 39		580	D	31.0	39.0			3.60		2.00	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/06/22	15 30				28.6		94.6	99.5	
	15 33				55.4		93.2	100.0	
	15 36				35.5		91.1	98.6	
	15 39				23.8		93.6	97.7	

STORET RETRIEVAL DATE 85/04/10

470022FP
36 00 06.0 084 15 04.0 2
130 FEET FROM STREAMBED CENTER LK DS OF RIGHT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EFPC 13.71 FLOODPLAIN SAMPLE CC-20-1
132TVAC 840817
0000 FEET DEPTH CSN-RSP 0741124-0695227

/TYPA/AMENT/LNC/SCLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/06/22	14 00		581	A	1.0	4.0	35.7	2.15	34.00A		26.00A	
	14 02		587	AD	1.0S	4.0S	35.7	2.27	27.00A		26.00A	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/06/22	14 00				79.8		96.4	100.0	
	14 02				71.6		97.5	99.4	

STORET RETRIEVAL DATE 85/04/10

470023FP
36 00 06.0 084 15 04.0 2
30 FEET FROM STREAMBED CENTER LK DS OF RIGHT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EFPC 13.71 FLOODPLAIN SAMPLE OC-20-2
132TVAC 840817
0000 FEET DEPTH CSN-RSP 0741125-0695228

/TYPA/APBNT/LNC/SOLICS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/06/22	13 30		582	A	1.0	10.0	22.3	2.48	30.00A		23.00A	
	13 33		583	B	11.0	18.0			5.70		5.30	
	13 36		584	C	19.0	24.0			2.40		2.00	
	13 39		585	D	25.0	32.0			0.45		0.30	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/06/22	13 30				37.8		88.8	94.8	
	13 33				39.8		84.2	96.3	
	13 36				38.9		84.5	95.9	
	13 39				40.2		84.4	96.4	

STORET RETRIEVAL DATE 85/04/10

470024FP
36 00 06.0 084 15 04.0 2
370 FEET FROM STREAMPED CENTER LK DS OF LEFT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EERC 13.71 FLOODPLAIN SAMPLE OC-20-6
132TVAC 840917
0000 FEET DEPTH CSN-RSP 0741126-0695229

/TYPA/AMENT/LND/SOLIDS/33SOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/06/26	09 30		861	A	1.0	4.0	37.1	2.14	34.00A		35.00A	
	09 32		879	AD	1.0S	4.0S	35.5	2.11	38.00A		34.00A	
	09 35		862	B	5.0	8.0			13.00		9.00	
	09 40		863	C	9.0	12.0			0.10		0.10	
	09 45		864	D	13.0	16.0			0.21		0.10	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/06/26	09 30				35.6		91.8	98.6	
	09 32				47.5		92.5	99.3	
	09 35				40.3		90.4	98.6	
	09 40				40.6		93.2	98.5	
	09 45				61.9		96.1	100.0	

STORET RETRIEVAL DATE 85/04/10

470025FP
36 00 06.0 084 15 04.0 2
470 FEET FROM STREAMBED CENTER LK DS OF LEFT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EFPC 13.71 FLOODPLAIN SAMPLE OC-20-7
132TVAC 840817
0000 FEET DEPTH CSN-RSP 0741127-0695230

/TYPA/APENT/LND/SOLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/06/26	10 00		865	A	1.0	4.0	37.5	1.98	1.00A		0.80A	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/06/26	10 00				41.2		85.4	93.6	

STORET RETRIEVAL DATE 85/04/10

470001FP
36 00 04.4 084 14 57.5 1
14 FEET FROM STREAMBED CENTER LK DS OF LEFT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EFPC 13.74 FLOODPLAIN SAMPLE OC-2
132TVAC 840810
0000 FEET DEPTH CSN-RSP 0740080-0695205

/TYPA/AMBNT/LND/SOLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/06/18	14 20		437	A	1.0	22.0	25.3	2.48	3.20A		3.00A	
	14 25		438	B	23.0	31.0			0.32		0.50	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/06/18	14 20				57.8		93.8	99.8	
	14 25				46.4		94.0	98.4	

STORET RETRIEVAL DATE 85/04/12

476594
36 00 02.0 084 14 44.0 2
INSTREAM SAMPLE
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 14.02
132TVAC 841013
0000 FEET DEPTH CSN-RSP 0745261-0695464

/TYPA/APBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	70320 MOISTURE CONTENT PERCENT	70322 RESIDUE TOT VOL PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	81356 CATION EX. CAP. MEA/100G	71921 MERCURY SEDMG/KG DRY WGT	81756 TOT SED PARTSIZ% <.0005MM	80181 TOT SED PARTSIZE %<.002MM	80183 TOT SED PARTSIZE %<.008MM
84/09/18	14 10		5718	042	44		2.48					

DATE FROM TO	TIME OF DAY	DEPTH FEET	80184 TOT SED PARTSIZE %<.016MM	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	00557 OIL-GRSE MUD FRGR MG/KG	00721 CYANIDE SEDMG/KG DRY WGT	01003 ARSENIC SEDMG/KG DRY WGT	01028 CD MUD DRY WGT MG/KG-CD	01029 CHROMIUM SEDMG/KG DRY WGT
84/09/18	14 10			29.4	36.3	43.70	58.8					

DATE FROM TO	TIME OF DAY	DEPTH FEET	01078 SILVER SEDMG/KG DRY WGT	01163 ZR MUD DRY WGT MG/KG-ZR	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG	80329 MERCURY LT6.35MM SEDMG/KG
84/09/18	14 10				3.50	3.1	3.0	5.0	8.2

STORET RETRIEVAL DATE 85/04/10

/TYPA/AMBNT/LNC/SCLIDS/SBSOIL/POLLUT

470043SD
36 00 02.0 094 14 44.0 2
37 FEET FROM STREAMBED CENTER LK DS OF LEFT BK
47031 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
FERC 14.02 FLOODPLAIN SAMPLE CC-40
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749172-0695250

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/18	14 20		5716	A	1.0	7.0	31.2	2.31	155.00	121.00	113.00	113.00
	14 22		5717	B	8.0	13.0					2.70	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM	70281 SED PART 2000-635 OSIZ%TOT	70280 SED PART 500-2000 SIZE%TOT	70283 SED PART 125-500U SIZE%TOT
84/09/18	14 20		113.00	85.004	65.1	99.4	99.6	99.8		0.2	0.2	10.2
	14 22				85.6	97.5	100.0	100.0				

DATE FROM TO	TIME OF DAY	DEPTH FEET	70282 SED PART 63-125U SIZE%TOT	71925 MERCURY 2000-635 OU MG/KG	71924 MERCURY 500-2000 U MG/KG	71923 MERCURY 125-500U MG/KG	71926 MERCURY 63-125 U MG/KG
84/09/18	14 20		24.4	20.0	17.0	50.0	30.0

STORET RETRIEVAL DATE 85/05/01

470044FP
35 00 02.0 084 14 44.0 2
45 FEET FROM STREAMBED CENTER LK DS OF RIGHT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EFPC 14.02 FLOODPLAIN SAMPLE OC-41
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749173-0595251

/TYPA/AMBNT/LND/SOLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 53 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/09/18	14 45		5719	A	1.0	8.0	27.9	2.40			38.00	
	14 47		5720	B	9.0	16.0					14.00	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/09/18	14 45						93.8		
	14 47						94.8		

STORET RETRIEVAL DATE 85/04/10

470000FP
35 59 49.3 084 14 27.3 1
11 FEET FROM STREAMBED CENTER LK DS OF LEFT BK
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EFPC 14.36 FLOODPLAIN SAMPLE CC-1
132TVAC 840810
0000 FEET DEPTH CSN-RSP 0740079-0695204

/TYPA/AMBNT/LNC/SOLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/06/18	13 15		436	A	1.0	7.5	25.3	2.39	99.00A		68.00A	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/06/18	13 15				21.8		83.7	96.0	

APPENDIX I - TABLE 2

BEAR CREEK

STORET RETRIEVAL DATE 85/04/10

470017EP
35 56 49.4 084 22 01.2 1
13 FEET FROM STREAMBED CENTER LK DS OF LEFT BK
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
BEAR CR. 0.55 FLOODPLAIN SAMPLE OC-18
132TVAC 840910
0000 FEET DEPTH CSN-RSP 0740094-0695222

/TYPA/AMENT/LNC/SOLIDS/SOSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/06/20	13 15		497	A	1.0	9.0	25.4	2.45	0.55A		0.20A	
	13 17		501	AD	1.0S	9.0S	25.6	2.55	0.45A		0.20A	
	13 20		498	B	10.0	18.0			0.60		0.30	
	13 23		499	C	19.0	24.0			0.45		0.20	
	13 26		500	D	25.0	30.0			0.30		0.20	
84/09/12	11 25		4073441R	A	1.0	9.0						
	11 27		4073458R	B	10.0	18.0						
	11 29		4073468R	C	19.0	21.0						

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/06/20	13 15				55.6		98.9	100.0	
	13 17				46.3		98.1	100.0	
	13 20				40.1		96.4	100.0	
	13 23				44.0		97.8	99.8	
	13 26				16.7		69.1	90.5	

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	01507 ALPHA SEDIMENT PC/G	01508 ALPHA SED-ERR PC/G	03507 BETA SEDIMENT PC/G	03508 BETA SED-ERR PC/G	15505 SR-89 SEDIMENT PCI/G	15506 SR-89 SED-ERR PCI/G
84/06/20	13 15		497	A	1.0	9.0						
	13 17		501	AD	1.0S	9.0S						
	13 20		498	B	10.0	18.0						
	13 23		499	C	19.0	24.0						
	13 26		500	D	25.0	30.0						
84/09/12	11 25		4073441R	A	1.0	9.0	2.7	0.9	46.0	9.0	0.5	0.4
	11 27		4073458R	B	10.0	18.0	2.1	0.8	33.0	7.0	0.4	0.3
	11 29		4073468R	C	19.0	21.0	1.7	0.7	30.0	6.0	0.3	0.3

STORET RETRIEVAL DATE 85/04/10

470017FP
35 56 49.4 084 22 01.2 1
13 FEET FROM STREAMBED CENTER LK DS OF LEFT BK
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
BEAR CR. 0.55 FLOODPLAIN SAMPLE OC-18
132TVAC 840810
0000 FEET DEPTH CSN-RSP 0740094-0695222

/TYPA/APBNT/LND/SCLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	15507 SR-90 SEDIMENT PCI/G	15508 SR-90 SED-ERR PCI/G	17509 PB-212 SEDIMENT PCI/G	17510 PB-212 SED-ERR PCI/G	17511 PB-214 SEDIMENT PCI/G	17512 PB-214 SED-ERR PCI/G	22300 K-40 SEDIMENT PCI/G	22301 K-40 SED-ERR PCI/G	22350 TL-208 SEDIMENT PCI/G	22351 TL-208 SED-ERR PCI/G
84/09/12	11 25		0.05	0.1	1.10	0.10	1.00	0.10	22.0	2.0	0.40	0.05
	11 27		0.05	0.1	0.87	0.07	0.90	0.08	17.0	1.0	0.30	0.03
	11 29		0.1	0.1	0.70	0.10	0.70	0.10	14.0	2.0	0.24	0.04

DATE FROM TO	TIME OF DAY	DEPTH FEET	22375 BI-212 SEDIMENT PCI/G	22376 BI-212 SED-ERR PCI/G	22377 BI-214 SEDIMENT PCI/G	22378 BI-214 SED-ERR PCI/G	22507 TH-234 SEDIMENT PCI/G	22508 TH-234 SED-ERR PCI/G	22608 URANIUM SEDIMENT UG/G	22609 URANIUM SED-ERR UG/G	22612 U-235 SEDIMENT PCI/G	22613 U-235 SED-ERR PCI/G
84/09/12	11 25		1.2	0.4	0.90	0.10	8.0	1.0	10.0	3.0		
	11 27		0.9	0.2	0.78	0.08	2.6	0.4	4.4	0.7		
	11 29		0.9	0.3	0.70	0.10	3.0	0.8	6.0	1.0		

DATE FROM TO	TIME OF DAY	DEPTH FEET	25503 AC-228 SEDIMENT PCI/G	25504 AC-228 SED-ERR PCI/G	28418 CS-137 SEDIMENT PCI/G	28419 CS-137 SED-ERR PCI/G	21505 MPA-234 SEDIMENT PCI/G	21506 MPA-234 SED-ERR PCI/G	22450 AM-241 SEDIMENT PCI/G	22451 AM-241 SEDIMENT ERRO	22475 CU-244 SEDMENT PCI/G	22476 CU-244 SEDIMENT ERRO
84/09/12	11 25		1.00	0.20	0.32	0.05	10	4	0.004	0.002	0.005	0.002
	11 27		0.90	0.10					0.014	0.006		
	11 29		0.70	0.10	0.04	0.01			0.008	0.004		

DATE FROM TO	TIME OF DAY	DEPTH FEET	09507 RA-226 SEDIMENT PC/G	09508 RA-226 SED-ERR PC/G	11506 RA-224 SEDIMENT PCI/G	11507 RA-224 SED-ERR PCI/G	11508 RA-223 SEDIMENT PCI/G	11509 RA-223 SEDIMENT ERROR	22016 PU-238 SEDIMENT PCI/G	22017 PU-238 SEDIMENT ERRO	22018 PU-239 SEDIMENT PCI/G	22019 PU-239 SEDIMENT ERRO
84/09/12	11 25										0.002	0.001
	11 27		0.80	0.10	1.2	0.3						

STORET RETRIEVAL DATE 85/04/10

470016FP
35 56 14.5 084 20 25.0 1
17.5 FEET FR STREAMBED CENTER LK DS OF RIGHT BK
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
BEAR CR. 2.75 FLOODPLAIN SAMPLE OC-17D
132TVAC 840810
0000 FEET DEPTH CSN-RSP 0740093-0695220

/TYPA/APRNT/LNC/SOLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/06/20	17	15	493	AD	1.0	6.0	17.7	2.22	0.92A		0.30A	
	17	18	494	BD	7.0	12.0			0.35		0.30	
	17	21	495	CD	13.0	19.0			0.30		0.10	
84/09/12	10	10	4073417R	AD	1.0	6.0						
	10	12	4073425R	BD	7.0	12.0						
	10	14	4073433R	CD	13.0	16.0						

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/06/20	17	15			31.8		93.5	99.5	
	17	18			25.4		97.6	100.0	
	17	21			24.9		87.8	96.3	

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	01507 ALPHA SEDIMENT PC/G	01508 ALPHA SED-ERR PC/G	03507 BETA SEDIMENT PC/G	03508 BETA SED-ERR PC/G	15505 SR-89 SEDIMENT PCI/G	15506 SR-89 SED-ERR PCI/G
84/06/20	17	15	493	AD	1.0	6.0						
	17	18	494	BD	7.0	12.0						
	17	21	495	CD	13.0	19.0						
84/09/12	10	10	4073417R	AD	1.0	6.0	2.7	0.9	43.0	9.0	0.4	0.3
	10	12	4073425R	BD	7.0	12.0	2.7	0.9	36.0	7.0	0.3	0.3
	10	14	4073433R	CD	13.0	16.0	2.5	0.9	26.0	5.0	0.2	0.3

STORET RETRIEVAL DATE 85/04/10

/TYPA/AMBNT/LNC/SCLIDS/SRSOIL/POLLUT

4700165P
75 56 14.5 084 20 25.0 1
17.5 FEET FR STREAMBED CENTER LK DS OF RIGHT BK
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
BEAR CR. 2.75 FLOODPLAIN SAMPLE OC-170
132TVAC 840810
0000 FEET DEPTH CSN-RSP 0740093-0695220

DATE FROM TO	TIME OF DAY	DEPTH FEET	15507 SR-90 SEDIMENT PCI/G	15509 SR-90 SED-ERR PCI/G	17509 PB-212 SEDIMENT PCI/G	17510 PB-212 SED-ERR PCI/G	17511 PB-214 SEDIMENT PCI/G	17512 PB-214 SED-ERR PCI/G	22300 K-40 SEDIMENT PCI/G	22301 K-40 SED-ERR PCI/G	22350 TL-208 SEDIMENT PCI/G	22351 TL-208 SED-ERR PCI/G
84/09/12	10	10	0.1	0.1	0.80	0.20	0.70	0.20	13.0	4.0	0.28	0.04
	10	12	0.1	0.1	1.40	0.20	1.20	0.20	18.0	2.0	0.44	0.08
	10	14	0.1	0.1	1.40	0.20	1.20	0.20	17.0	2.0	0.46	0.07

DATE FROM TO	TIME OF DAY	DEPTH FEET	22375 BI-212 SEDIMENT PCI/G	22376 BI-212 SED-ERR PCI/G	22377 BI-214 SEDIMENT PCI/G	22378 BI-214 SED-ERR PCI/G	22507 TH-234 SEDIMENT PCI/G	22508 TH-234 SED-ERR PCI/G	22608 URANIUM SEDIMENT UG/G	22609 URANIUM SED-ERR UG/G	22612 U-235 SEDIMENT PCI/G	22613 U-235 SED-ERR PCI/G
84/09/12	10	10	0.7	0.2	0.70	0.10	9.0	1.0	12.0	2.0		
	10	12	1.6	0.6	1.10	0.20	11.0	2.0	9.0	2.0		
	10	14	1.2	0.3	1.10	0.20	6.0	1.0	5.0	1.0		

DATE FROM TO	TIME OF DAY	DEPTH FEET	25503 AC-228 SEDIMENT PCI/G	25504 AC-228 SED-ERR PCI/G	28418 CS-137 SEDIMENT PCI/G	28419 CS-137 SED-ERR PCI/G	21505 MPA-234 SEDIMENT PCI/G	21506 MPA-234 SED-ERR PCI/G	22450 AM-241 SEDIMENT PCI/G	22451 AM-241 SEDIMENT ERRO	22475 CU-244 SEDMENT PCI/G	22476 CU-244 SEDIMENT ERRC
84/09/12	10	10	0.80	0.20	0.33	0.05	13	4				
	10	12	1.40	0.30	0.36	0.08	16	8				
	10	14	1.30	0.30	0.06	0.04						

STORET RETRIEVAL DATE 85/04/10

470037FP
35 56 14.5 084 29 25.0 1
15.5 FEET FR STREAMBED CENTER LK DS OF RIGHT BK
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
BEAR CR. 2.8 FLOODPLAIN SAMPLE OC-17U
132TVAC 840810
0000 FEET DEPTH CSN-RSP 0740096-0695244

/TYPA/AMENT/LNC/SCLIDS/SHSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/06/20	17 25		496	AU	1.0	27.0	38.1	2.07	0.53A		0.20A	

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/06/20	17 25				27.3		94.7	99.9	

STORET RETRIEVAL DATE 85/04/10

470015FP
35 58 16.0 084 16 49.8 1
5.5 FEET FROM STREAMBED CENTER LK DS OF LEFT BK
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
BEAR CR. 7.4 FLOODPLAIN SAMPLE OC-16
132TVAC 840810
0000 FEET DEPTH CSN-RSP 0740092-0695218

/TYPA/AMBNT/LND/SOLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/06/20	16 45		489	A	1.0	9.0	30.5	2.24	4.90A		3.90A	
	16 48		490	B	10.0	18.0			2.30		2.20	
	16 51		491	C	19.0	26.0			0.55		0.40	
	16 54		492	D	27.0	32.0			0.35		0.30	
84/09/12	10 40		4073383R	A	1.0	9.0						
	10 42		4073391R	B	10.0	18.0						
	10 44		4073409R	C	19.0	24.0						

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/06/20	16 45				62.8		98.1	100.0	
	16 48				36.9		97.2	100.0	
	16 51				31.0		80.3	91.6	
	16 54				33.4		88.9	92.9	

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	01507 ALPHA SEDIMENT PC/G	01508 ALPHA SED-ERR PC/G	03507 BETA SEDIMENT PC/G	03508 BETA SED-ERR PC/G	15505 SR-89 SEDIMENT PCI/G	15506 SR-89 SED-ERR PCI/G
84/06/20	16 45		489	A	1.0	9.0						
	16 48		490	B	10.0	18.0						
	16 51		491	C	19.0	26.0						
	16 54		492	D	27.0	32.0						
84/09/12	10 40		4073383R	A	1.0	9.0	7.0	2.0	179.0	35.0	0.0	0.3
	10 42		4073391R	B	10.0	18.0	6.0	1.0	104.0	21.0	0.0	0.3
	10 44		4073409R	C	19.0	24.0	2.6	0.9	30.0	6.0	0.2	0.3

STORET RETRIEVAL DATE 85/05/01

470015FP
35 58 16.0 084 16 49.8 1
5.5 FEET FROM STREAMBED CENTER LK DS OF LEFT BK
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
BEAR CR. 7.4 FLOODPLAIN SAMPLE OC-16
132TVAC 840810
0000 FEET DEPTH CSN-RSP 0740092-0695218

/TYPA/AMBNT/LND/SOLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	15507 SR-90 SEDIMENT PCI/G	15508 SR-90 SED-ERR PCI/G	17509 PB-212 SEDIMENT PCI/G	17510 PB-212 SED-ERR PCI/G	17511 PB-214 SEDIMENT PCI/G	17512 PB-214 SED-ERR PCI/G	22300 K-40 SEDIMENT PCI/G	22301 K-40 SED-ERR PCI/G	22350 TL-208 SEDIMENT PCI/G	22351 TL-208 SED-ERR PCI/G
84/09/12	10 40		0.1	0.1	2.10	0.30	1.10	0.20	14.0	2.0	0.70	0.10
	10 42		0.2	0.1	1.60	0.30	1.10	0.20	13.0	2.0	0.60	0.10
	10 44		0.1	0.1	1.30	0.20	1.20	0.20	9.0	1.0	0.48	0.06

DATE FROM TO	TIME OF DAY	DEPTH FEET	22375 BI-212 SEDIMENT PCI/G	22376 BI-212 SED-ERR PCI/G	22377 BI-214 SEDIMENT PCI/G	22378 BI-214 SED-ERR PCI/G	22507 TH-234 SEDIMENT PCI/G	22508 TH-234 SED-ERR PCI/G	22608 URANIUM SEDIMENT UG/G	22609 URANIUM SED-ERR UG/G	22612 U-235 SEDIMENT PCI/G	22613 U-235 SED-ERR PCI/G
84/09/12	10 40				1.10	0.20	115.0	12.0	167.0	32.0	3.8	0.9
	10 42				1.10	0.20	48.0	6.0	21.0	2.0		
	10 44		1.8	0.5	1.10	0.10	9.0	2.0	10.0	3.0		

DATE FROM TO	TIME OF DAY	DEPTH FEET	25503 AC-228 SEDIMENT PCI/G	25504 AC-228 SED-ERR PCI/G	28418 CS-137 SEDIMENT PCI/G	28419 CS-137 SED-ERR PCI/G	21505 MPA-234 SEDIMENT PCI/G	21506 MPA-234 SED-ERR PCI/G	22450 AM-241 SEDIMENT PCI/G	22451 AM-241 SEDIMENT ERRO	22475 CU-244 SEDMENT PCI/G	22476 CU-244 SEDIMENT ERRO
84/09/12	10 40		1.80	0.30	0.26	0.08	181	26				
	10 42		1.70	0.30	0.50	0.10	73	15				
	10 44		1.50	0.20			15	5				

DATE FROM TO	TIME OF DAY	DEPTH FEET	21503 PA-233 SEDIMENT PCI/G	21504 PA-233 SED-ERR PCI/G	22200 BE-7 SEDIMENT PCI/G	22201 BE-7 SED-ERR PCI/G	29604 CO-60 SEDIMENT PCI/G	29605 CO-60 SED-ERR PCI/G
84/09/12	10 42		0.6	0.2				
	10 44		0.2	0.1				

APPENDIX I - TABLE 2

WHITE OAK CREEK

STORET RETRIEVAL DATE 85/04/11

476589
35 53 57.0 084 19 36.0 2
BELOW WHITE WING ROAD
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
WHITEOAK CREEK 0.55
132TVAC 841006
0000 FEET DEPTH CSN-RSP 0745022-0695455

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	00002 HSAMPLOC % FROM RT BANK	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71921 MERCURY SEDMG/KG DRY WGT	71922 MERCURY LT 63 U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG
84/08/29	12	15	5629	A	0.1	3.5	90	47.7	2.44		2.90A	2.50A
	12	18	5630	B	3.6	7.1	90				2.60	2.50
	12	21	5631	C	7.2	10.2	90				2.60	2.40
	12	24	5632	D	10.3	13.4	90				0.10U	0.10U
	12	30	4073086R	A	0.1	3.1	90					
	12	33	4073094R	B	3.2	6.3	90					
	12	36	4073102R	C	6.4	9.4	90					
	12	39	4073110R	D	9.5	12.6	90					
	12	45	5883	D30				38.9	2.37	2.70A		
	12	46	5887	D30D				38.8	2.47	2.70A		

DATE FROM TO	TIME OF DAY	DEPTH FEET	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	01029 CHROMIUM SEDMG/KG DRY WGT	39514 PCB-1016 SEDUG/KG DRY WGT	39491 PCB-1221 SEDUG/KG DRY WGT	39495 PCB-1232 SEDUG/KG DRY WGT	39499 PCB-1242 SEDUG/KG DRY WGT	39503 PCB-1248 SEDUG/KG DRY WGT
84/08/29	12	15	56.8		89.6	99.9						
	12	18	48.4		98.4	99.8						
	12	21	45.2		95.0	98.3						
	12	24	58.6		98.2	99.9						
	12	45	65.8				290	100.0U	100.0U	100.0U	100.0U	100.0U
	12	46	70.5				280	100.0U	100.0U	100.0U	100.0U	100.0U

DATE FROM TO	TIME OF DAY	DEPTH FEET	39507 PCB-1254 SEDUG/KG DRY WGT	39511 PCB-1260 SEDUG/KG DRY WGT
84/08/29	12	45	100.0U	100.0U
	12	46	100.0U	100.0U

STORET RETRIEVAL DATE 85/04/11

476590
35 53 56.0 084 19 35.0 2
BELOW WHITE WING ROAD
47145 TENNESSEE ROANF
CLINCH RIVER BASIN 040102
WHITEOAK CREEK 0.51
132TVAC 841006
0000 FEET DEPTH CSN-RSP 0745023-0695457

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	00002 HSAMPLOC % FROM RT BANK	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71921 MERCURY SEDMG/KG DRY WGT	71922 MERCURY LT 63 U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG
84/08/29	11 50		5633	A	0.1	4.9	50	34.9	2.56		6.50A	5.60A
	11 51		5649	AD	0.1S	4.9S	50D	34.1	2.40		5.90A	5.50A
	11 52		5634	B	5.0	9.8	50				19.00	18.00
	11 54		5635	C	9.9	14.8	50				7.60	7.20
	11 56		5636	D	14.9	19.7	50				1.60	1.50
	12 00		5637	AX	0.1D	4.9D	50	38.2	2.54		4.70A	4.40A
	12 02		5638	BX	5.0D	9.8D	50				12.00	10.00
	12 04		5639	CX	9.9D	14.8D	50				7.20	6.60
	12 06		5640	DX	14.9D	19.7D	50				1.20	1.10
	12 10		4073128R	A	0.1	4.9	50					
	12 12		4073136R	B	5.0	9.8	50					
	12 14		4073144R	C	9.9	14.8	50					
	12 16		4073151R	D	14.9	19.7	50					
	12 20		4073169R	AX	0.1D	4.9D	50					
	12 22		4073177R	BX	5.0D	9.8D	50					
	12 24		4073185R	CX	9.9D	14.8D	50					
	12 26		4073193R	DX	14.9D	19.7D	50					
	12 30		5884	D31			50	40.8	2.32	2.20A		

DATE FROM TO	TIME OF DAY	DEPTH FEET	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	01029 CHROMIUM SEDMG/KG DRY WGT	39514 PCB-1016 SEDUG/KG DRY WGT	39491 PCB-1221 SEDUG/KG DRY WGT	39495 PCB-1232 SEDUG/KG DRY WGT	39499 PCB-1242 SEDUG/KG DRY WGT	39503 PCB-1248 SEDUG/KG DRY WGT
84/08/29	11 50		34.8		71.2	96.7						
	11 51		40.4		75.1	94.4						
	11 52		46.1		96.5	100.0						
	11 54		45.5		95.6	99.8						
	11 56		48.4		97.1	99.6						
	12 00		39.6		82.6	88.1						
	12 02		42.3		87.7	91.6						
	12 04		46.1		98.1	100.0						
	12 06		46.2		94.7	99.5						
	12 30		68.1				200	100.0U	100.0U	100.0U	100.0U	100.0U

STORET RETRIEVAL DATE 85/04/11

476590
35 53 56.0 084 19 35.0 2
BELOW WHITE WING ROAD
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
WHITEOAK CREEK 0.51
132TVAC 841006
0000 FEET DEPTH CSN-RSP 0745023-0695457

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	39507 PCB-1254 SEDUG/KG DRY WGT	39511 PCB-1260 SEDUG/KG DRY WGT
84/08/29	12 30		100.0U	100.0U

STORET RETRIEVAL DATE 85/04/11

476591
35 53 50.0 084 19 43.0 2
0.2 MILES BELOW WHITE WING ROAD
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
WHITEOAK CREEK 0.38
132TVAC 841006
0000 FEET DEPTH CSN-RSP 0745024-0695459

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	00002 HSAMPLOC % FROM RT BANK	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71921 MERCURY SEDMG/KG DRY WGT	71922 MERCURY LT 63 U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG
84/08/29	11 08		5641	A	0.1	3.7	50	36.2	2.36		12.00A	10.00A
	11 09		5650	AD	0.1S	3.7S	50D	36.2	2.43		12.00A	11.00A
	11 10		5642	B	3.8	7.5	50				7.40	7.20
	11 12		5643	C	7.6	11.2	50				46.00	44.00
	11 14		5644	D	11.3	15.0	50				20.00	20.00
	11 20		4073201R	A	0.1	3.3	50					
	11 22		4073219R	B	3.4	6.7	50					
	11 24		4073227R	C	6.8	9.6	50					
	11 26		4073235R	D	9.7	13.4	50					
	11 30		5885	D32			50	27.3	2.54	2.20A		

DATE FROM TO	TIME OF DAY	DEPTH FEET	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	01029 CHROMIUM SEDMG/KG DRY WGT	39514 PCB-1016 SEDUG/KG DRY WGT	39491 PCB-1221 SEDUG/KG DRY WGT	39495 PCB-1232 SEDUG/KG DRY WGT	39499 PCB-1242 SEDUG/KG DRY WGT	39503 PCB-1248 SEDUG/KG DRY WGT
84/08/29	11 08		48.9		98.2	100.0						
	11 09		51.9		98.0	100.0						
	11 10		52.1		99.1	100.0						
	11 12		48.1		99.3	100.0						
	11 14		43.5		94.5	100.0						
	11 30		43.2				96	100.0U	100.0U	100.0U	100.0U	100.0U

DATE FROM TO	TIME OF DAY	DEPTH FEET	39507 PCB-1254 SEDUG/KG DRY WGT	39511 PCB-1260 SEDUG/KG DRY WGT
84/08/29	11 30		100.0U	100.0U

STORET RETRIEVAL DATE 85/04/11

476592
35 53 46.0 084 19 52.0 2
TRIBUTARY TO CLINCH RIVER 20.84
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
WHITEOAK CREEK 0.18
132TVAC 841006
0000 FEET DEPTH CSN-RSP 0745025-0695461

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	00002 HSAMPLOC % FROM RT BANK	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71921 MERCURY SEDMG/KG DRY WGT	71922 MERCURY LT 63 U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG
84/08/29	10 18		5645	A	0.1	4.5	80	27.5	2.60		0.30A	0.22A
	10 20		5646	B	4.6	8.9	80				1.80	1.40
	10 22		5647	C	8.8	13.2	80				5.00	4.40
	10 24		5648	D	13.3	17.7	80				12.00	12.00
	10 30		4073243R	A	0.1	3.9	80					
	10 32		4073250R	B	4.0	7.9	80					
	10 34		4073268R	C	8.0	11.8	80					
	10 36		4073276R	D	11.9	15.7	80					
	10 40		5886	D33			80	33.6	2.52	6.00A		

DATE FROM TO	TIME OF DAY	DEPTH FEET	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	01029 CHROMIUM SEDMG/KG DRY WGT	39514 PCB-1016 SEDUG/KG DRY WGT	39491 PCB-1221 SEDUG/KG DRY WGT	39495 PCB-1232 SEDUG/KG DRY WGT	39499 PCB-1242 SEDUG/KG DRY WGT	39503 PCB-1248 SEDUG/KG DRY WGT
84/08/29	10 18		21.8		97.5	99.3						
	10 20		20.4		60.0	87.0						
	10 22		53.8		99.6	100.0						
	10 24		50.3		99.9	100.0						
	10 40		10.6				66	100.0U	100.0U	100.0U	100.0U	100.0U

DATE FROM TO	TIME OF DAY	DEPTH FEET	39507 PCB-1254 SEDUG/KG DRY WGT	39511 PCB-1260 SEDUG/KG DRY WGT
84/08/29	10 40		1200.0	1600.0

APPENDIX II

INSTREAM CONTAMINANT STUDY - TASK 2

SURFACE LAYER, FINE-PARTICLE SAMPLING RESULTS

APPENDIX II - TABLE 1

SURFACE LAYER, FINE-PARTICLE SEDIMENT - CHEMICAL, PHYSICAL, AND RADIOLOGICAL ANALYSES RESULTS

APPENDIX II - TABLE 1

EAST FORK POPLAR CREEK

STORET RETRIEVAL DATE 85/04/12

476571
35 56 55.7 084 22 26.8 1
TRIBUTARY TO POPLAR CREEK 5.47
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 1.2
132TVAC 840706
0000 FEET DEPTH CSN-RSP 0737288-0695431

/TYPA/AMENT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	70320 MOISTURE CONTENT PERCENT	70322 RESIDUE TOT VOL PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	81356 CATION EX. CAP. MEA/100G	71921 MERCURY SEDMG/KG DRY WGT	81756 TOT SED PARTSIZ% <.0005MM	80181 TOT SED PARTSIZE %<.002MM	80183 TOT SED PARTSIZE %<.008MM
84/06/20	13 00		472	D14	48	7.9	2.50	12.0	22.0	7.7	26.7	41.9

DATE FROM TO	TIME OF DAY	DEPTH FEET	80184 TOT SED PARTSIZE %<.016MM	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	00557 OIL-GRSE MUD FRGR MG/KG	00721 CYANIDE SEDMG/KG DRY WGT	01003 ARSENIC SEDMG/KG DRY WGT	01028 CD MUD DRY WGT MG/KG-CD	01029 CHROMIUM SEDMG/KG DRY WGT
84/06/20	13 00		49.3	64.0					1.0U	5.6	0.5	45

DATE FROM TO	TIME OF DAY	DEPTH FEET	01052 LEAD SEDMG/KG DRY WGT	01068 NICKEL SEDMG/KG DRY WGT	01078 SILVER SEDMG/KG DRY WGT	01163 ZR MUD DRY WGT MG/KG-ZR
84/06/20	13 00		75	33	5	480

STORET RETRIEVAL DATE 85/04/12

476571
35 56 55.7 084 22 26.8 1
TRIBUTARY TO POPLAR CREEK 5.47
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 1.2
132TVAC 840706
0000 FEET DEPTH CSN-RSP 0737288-0695431

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	01507 ALPHA SEDIMENT PC/G	01508 ALPHA SED-ERR PC/G	03507 BETA SEDIMENT PC/G	03508 BETA SED-ERR PC/G	09507 RA-226 SEDIMENT PC/G	09508 RA-226 SED-ERR PC/G
84/06/20	13 00		472	014			14.0	4.0	60	10		

DATE FROM TO	TIME OF DAY	DEPTH FEET	11506 RA-224 SEDIMENT PCI/G	11507 RA-224 SED-ERR PCI/G	11508 RA-223 SEDIMENT PCI/G	11509 RA-223 SEDIMENT ERROR	15505 SR-89 SEDIMENT PCI/G	15506 SR-89 SED-ERR PCI/G	15507 SR-90 SEDIMENT PCI/G	15508 SR-90 SED-ERR PCI/G	17509 PB-212 SEDIMENT PCI/G	17510 PB-212 SED-ERR PCI/G
84/06/20	13 00				1.70	0.70	0.3	0.3	0.0	0.1	1.40	0.20

DATE FROM TO	TIME OF DAY	DEPTH FEET	17511 PB-214 SEDIMENT PCI/G	17512 PB-214 SED-ERR PCI/G	21503 PA-233 SEDIMENT PCI/G	21504 PA-233 SED-ERR PCI/G	21505 MPA-234 SEDIMENT PCI/G	21506 MPA-234 SED-ERR PCI/G	21508 PA-234 SEDIMENT PCI/G	21509 PA-234 SEDIMENT ERROR	22015 PU-238 SEDIMENT PCI/G	22017 PU-238 SEDIMENT ERRO
84/06/20	13 00		0.90	0.10								

DATE FROM TO	TIME OF DAY	DEPTH FEET	22018 PU-239 SEDIMENT PCI/G	22019 PU-239 SEDIMENT ERRO	22200 BE-7 SEDIMENT PCI/G	22201 BE-7 SED-ERR PCI/G	22250 NA-22 SEDIMENT PCI/G	22251 NA-22 SED-ERR PCI/G	22300 K-40 SEDIMENT PCI/G	22301 K-40 SED-ERR PCI/G	22350 TL-208 SEDIMENT PCI/G	22351 TL-208 SED-ERR PCI/G
84/06/20	13 00				2.70	0.50			12.0	1.0	0.49	0.08

STORET RETRIEVAL DATE 85/05/31

476571
35 55 55.7 084 22 26.9 1
TRIBUTARY TO POPLAR CREEK 5.47
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 1.2
132TVAC 840706
0000 FEET DEPTH CSN-RSP 0737288-0695431

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	22375 BI-212 SEDIMENT PCI/G	22376 BI-212 SED-ERR PCI/G	22377 BI-214 SEDIMENT PCI/G	22378 BI-214 SED-ERR PCI/G	22450 AM-241 SEDIMENT PCI/G	22451 AM-241 SEDIMENT ERRO	22475 CU-244 SEDMENT PCI/G	22476 CU-244 SEDIMENT FRRO	22507 TH-234 SEDIMENT PCI/G	22508 TH-234 SED-ERR PCI/G
84/06/20	13 00		1.7	0.4	0.80	0.10	0.020	0.008			7.0	1.0

DATE FROM TO	TIME OF DAY	DEPTH FEET	22608 URANIUM SEDIMENT UG/G	22609 URANIUM SED-ERR UG/G	22612 U-235 SEDIMENT PCI/G	22613 U-235 SED-ERR PCI/G	22503 THORIUM/ URANIUM RATIO	22504 TH-ALPHA TOT WAT PC/L	27999 RU-106 SEDIMENT PCI/	28000 RU-106 SEDIMENT ERROR	28416 CS-134 SEDIMENT PCI/G	28417 CS-134 SED-ERR PCI/G
84/06/20	13 00		30.00	10.00							0.610	0.080

DATE FROM TO	TIME OF DAY	DEPTH FEET	28418 CS-137 SEDIMENT PCI/G	28419 CS-137 SED-ERR PCI/G	29604 CO-60 SEDIMENT PCI/G	29605 CO-60 SED-ERR PCI/G	29550 EU-152 SEDIMENT PCI/G	29651 EU-152 SEDIMENT ERRO	29652 EU-154 SEDIMENT PCI/G	29653 EU-154 SEDIMENT ERRO	25503 AC-228 SEDIMENT PCI/G	25504 AC-228 SED-ERR PCI/G
84/06/20	13 00		6.5	0.5	3.100	0.300					1.3	0.2

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STORET RETRIEVAL DATE 85/04/12
 476571
35 56 55.7 084 22 26.8  1
TRIBUTARY TO POPLAR CREEK 5.47
47145 TENNESSEE          ROANE
CLINCH RIVER BASIN        040102
EAST FORK POPLAR CREEK 1.2
132TVAC
        840706      DEPTH     0 DATA LOCKED AFTER 8405
/TYPA/AMENT/STREAM
INDEX 102150C  007720  00920  793C   0610   0080
MILES 0953.80 0046.50 567.70 012.00 005.47 001.20   .     .     .     .     .     .
     INITIAL DATE                          84/06/20
     INITIAL TIME-DEPTH-BOTTOM             1300
34223 ANTHRACE  SEDUG/KG   DRY WGT        850 L
34233 BENZBFLU  ORANTMUD  DRYUG/KG        850 L
34245 BENZKFLU  SEDUG/KG   DRY WGT        850 L
34250 BENZAPYR  SEDUG/KG   DRY WGT        850 L
34276 B2CETETR  SEDUG/KG   DRY WGT        850 L
34281 B2CETOXM  SEDUG/KG   DRY WGT        850 L
34286 B2CIPETR  SEDUG/KG   DRY WGT        850 L
34295 NBB PHTH  MUD-DRY     UG/KG         850 L
34323 CHRYSENE  SEDUG/KG   DRY WGT        850 L
34339 CETHPHTH  SEDUG/KG   DRY WGT        850 L
34344 CPETPHTH  SEDUG/KG   DRY WGT        850 L
34349 12DPHNHY  SEDUG/KG   DRY WGT        850 L
34379 FLANTENE  SEDUG/KG   DRY WGT        850 M
34384 FLUORENE  SEDUG/KG   DRY WGT        850 L
34389 HEXCLCPD  SEDUG/KG   DRY WGT        850 L
34399 HEXACLET  SEDUG/KG   DRY WGT        850 L
34406 I123CDPR  SEDUG/KG   DRY WGT        850 L
34411 ISPHRONE  SEDUG/KG   DRY WGT        850 L
34431 NITCNPRA  SEDUG/KG   DRY WGT        850 L
34436 NITRSDPA  SEDUG/KG   DRY WGT        850 L
34441 NITRSDMA  SEDUG/KG   DRY WGT        850 L
34445 NAPTHALE  SEDUG/KG   DRY WGT        850 L
34450 NITROBEN  SEDUG/KG   DRY WGT        850 L
34464 PHENANTH  SEDUG/KG   DRY WGT        850 M
34472 PYRENE    SEDUG/KG   DRY WGT        850 M
34524 BZGHIPER  SEDUG/KG   DRY WGT        850 L
34529 BENZAANT  SEDUG/KG   DRY WGT        850 L
34539 12DCLBEN  SEDUG/KG   DRY WGT        850 L
34554 124TCBEN  SEDUG/KG   DRY WGT        850 L
34559 DBAHANTH  SEDUG/KG   DRY WGT        850 L
34569 13DCLBEN  SEDUG/KG   DRY WGT        850 L
34574 14DCLBEN  SEDUG/KG   DRY WGT        850 L
34584 2CLNAPTH  SEDUG/KG   DRY WGT        850 L
34599 DINOCTPH  SEDUG/KG   DRY WGT        850 L
34614 24DNTOLU  SEDUG/KG   DRY WGT        850 L
34629 26DNTOLU  SEDUG/KG   DRY WGT        850 L
34634 33DCBNZD  SEDUG/KG   DRY WGT       2100 L
34639 4BRPPETR  SEDUG/KG   DRY WGT        850 L
34644 4CLPPETR  SEDUG/KG   DRY WGT        850 L
39102 B2E PHTH  MUD-DRY     UG/KG        1000
39112 DNB PHTH  MUD-DRY     UG/KG         850 L
39121 BENZIDIN  SEDUG/KG   DRY WGT       4200 L
39491 PCB-1221  SEDUG/KG   DRY WGT        100 L
39495 PCB-1232  SEDUG/KG   DRY WGT        100 L
39499 PCB-1242  SEDUG/KG   DRY WGT        100 L
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(SAMPLE CONTINUED ON NEXT PAGE)

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STORET RETRIEVAL DATE 85/04/12
 476571
35 56 55.7 084 22 26.8  1
TRIBUTARY TO POPLAR CREEK 5.47
47145 TENNESSEE          ROANE
CLINCH RIVER BASIN        040102
EAST FORK POPLAR CREEK 1.2
132TVAC
        840706      DEPTH     0 DATA LOCKED AFTER 8405
/TYPA/AMENT/STREAM
INDEX 102150C  007720  00920  793C   0610   0080
MILES 0953.80 0046.50 567.70 012.00 005.47 001.20   .     .     .     .     .     .
(SAMPLE CONTINUED FROM PREVIOUS PAGE)
     INITIAL DATE                          84/06/20
     INITIAL TIME-DEPTH-BOTTOM             1300
39503 PCB-1248   SEDUG/KG   DRY WGT        100 L
39507 PCB-1254   SEDUG/KG   DRY WGT        100 L
39511 PCB-1260   SEDUG/KG   DRY WGT        100 L
39514 PCB-1016   SEDUG/KG   DRY WGT        100 L
39701 HCB        SEDUG/KG   DRY WGT        850 L
39705 HEXCLBD    SEDUG/KG   DRY WGT        850 L
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STORET RETRIEVAL DATE 85/04/12

476570
35 57 32.3 084 21 52.6 1
WEST OF OAK RIDGE TURNPIKE
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 2.36
132TVAC 840706
0000 FEET DEPTH CSN-RSP 0737287-0695430

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	70320 MOISTURE CONTENT PERCENT	70322 RESIDUE TOT VOL PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	81356 CATION EX. CAP. MEA/100G	71921 MERCURY SEDMG/KG DRY WGT	81756 TOT SED PARTSIZ% <.0005MM	80181 TOT SED PARTSIZE %<.002MM	80183 TOT SED PARTSIZE %<.008MM
84/06/22	11 00		515	D13	32	3.9	2.68	8.9	12.0	7.0	14.5	24.2
	11 01		858	D13D	32	4.0	2.44	8.9	10.0	8.3	17.0	28.7
84/09/21	11 45		6211	D116	20		2.58					

DATE FROM TO	TIME OF DAY	DEPTH FEET	80184 TOT SED PARTSIZE %<.016MM	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	70281 SED PART 2000-635 OSIZ%TOT	70280 SED PART 500-2000 SIZE%TOT	70283 SED PART 125-500U SIZE%TOT	70282 SED PART 63-125U SIZE%TOT	71925 MERCURY 2000-635 OU MG/KG
84/06/22	11 00		29.9	44.0								
	11 01		35.5	48.6								
84/09/21	11 45			28.2	35.5	71.30	98.9	1.1	27.6	35.8	7.4	3.3

DATE FROM TO	TIME OF DAY	DEPTH FEET	71924 MERCURY 500-2000 U MG/KG	71923 MERCURY 125-500U MG/KG	71926 MERCURY 63-125 U MG/KG	00557 OIL-GRSE MUD FRGR MG/KG	00721 CYANIDE SEDMG/KG DRY WGT	01003 ARSENIC SEDMG/KG DRY WGT	01028 CD MUD DRY WGT MG/KG-CD	01029 CHROMIUM SEDMG/KG DRY WGT	01052 LEAD SEDMG/KG DRY WGT	01068 NICKEL SEDMG/KG DRY WGT
84/06/22	11 00						0.8U	4.0	0.5U	23	37	20
	11 01						0.8U	3.6	0.5U	29	40	19
84/09/21	11 45		8.2	6.8	9.9							

DATE FROM TO	TIME OF DAY	DEPTH FEET	01078 SILVER SEDMG/KG DRY WGT	01163 ZR MUD DRY WGT MG/KG-ZR	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG	80329 MERCURY LT6.35MM SEDMG/KG
84/06/22	11 00		2.00	440.00					
	11 01		1.00	470.00					
84/09/21	11 45				34.00	29.0	17.8	15.2	15.0

STORET RETRIEVAL DATE 85/04/12

476570
35 57 32.3 084 21 52.6 1
WEST OF OAK RIDGE TURNPIKE
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 2.36
132TVAC 840706
0000 FEET DEPTH CSN-RSP 0737287-0695430

/TYPA/AGENT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	01507 ALPHA SEDIMENT PC/G	01508 ALPHA SED-ERR PC/G	03507 BETA SEDIMENT PC/G	03508 BETA SED-ERR PC/G	09507 RA-226 SEDIMENT PC/G	09508 RA-226 SED-ERR PC/G
84/06/22	11 00		515	013			15.0	4.0	50	10		
	11 01		858	0130								
84/09/21	11 45		6211	0116								

DATE FROM TO	TIME OF DAY	DEPTH FEET	11506 RA-224 SEDIMENT PCI/G	11507 RA-224 SED-ERR PCI/G	11508 RA-223 SEDIMENT PCI/G	11509 RA-223 SEDIMENT ERROR	15505 SR-89 SEDIMENT PCI/G	15506 SR-89 SED-ERR PCI/G	15507 SR-90 SEDIMENT PCI/G	15508 SR-90 SED-ERR PCI/G	17509 PB-212 SEDIMENT PCI/G	17510 PB-212 SED-ERR PCI/G
84/06/22	11 00				1.50	0.40	0.3	0.3	0.1	0.1	1.30	0.20

DATE FROM TO	TIME OF DAY	DEPTH FEET	17511 PB-214 SEDIMENT PCI/G	17512 PB-214 SED-ERR PCI/G	21503 PA-233 SEDIMENT PCI/G	21504 PA-233 SED-ERR PCI/G	21505 MPA-234 SEDIMENT PCI/G	21506 MPA-234 SED-ERR PCI/G	21508 PA-234 SEDIMENT PCI/G	21509 PA-234 SEDIMENT ERROR	22015 PU-238 SEDIMENT PCI/G	22017 PU-238 SEDIMENT ERRO
84/06/22	11 00		1.10	0.20								

DATE FROM TO	TIME OF DAY	DEPTH FEET	22018 PU-239 SEDIMENT PCI/G	22019 PU-239 SEDIMENT ERRO	22200 BE-7 SEDIMENT PCI/G	22201 BE-7 SED-ERR PCI/G	22250 NA-22 SEDIMENT PCI/G	22251 NA-22 SED-ERR PCI/G	22300 K-40 SEDIMENT PCI/G	22301 K-40 SED-ERR PCI/G	22350 TL-208 SEDIMENT PCI/G	22351 TL-208 SED-ERR PCI/G
84/06/22	11 00				2.50	0.50			13.0	1.0	0.52	0.07

STORET RETRIEVAL DATE 85/03/01

476570
35 57 32.3 084 21 52.6 1
WEST OF OAK RIDGE TURNPIKE
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 2.36
132TVAC 840706
0000 FEET DEPTH CSN-RSP 0737287-0695430

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	22373 BI-212 SEDIMENT PCI/G	22375 BI-212 SED-ERR PCI/G	22377 BI-214 SEDIMENT PCI/G	22378 BI-214 SED-ERR PCI/G	22450 AM-241 SEDIMENT PCI/G	22451 AM-241 SEDIMENT ERRO	22475 CU-244 SEDMENT PCI/G	22476 CU-244 SEDIMENT ERRO	22507 TH-234 SEDIMENT PCI/G	22508 TH-234 SED-ERR PCI/G
84/06/22	11 00		1.5	0.4	1.00	0.10					6.0	1.0

DATE FROM TO	TIME OF DAY	DEPTH FEET	22608 URANIUM SEDIMENT UG/G	22609 URANIUM SED-ERR UG/G	22612 U-235 SEDIMENT PCI/G	22613 U-235 SED-ERR PCI/G	22503 THORIUM/ URANIUM RATIO	22504 TH-ALPHA TOT WAT PC/L	27999 RU-106 SEDIMENT PCI/	28000 RU-106 SEDIMENT ERROR	28416 CS-134 SEDIMENT PCI/G	28417 CS-134 SED-ERR PCI/G
84/06/22	11 00		6.00	1.00							0.600	0.080

DATE FROM TO	TIME OF DAY	DEPTH FEET	28418 CS-137 SEDIMENT PCI/G	28419 CS-137 SED-ERR PCI/G	29604 CO-60 SEDIMENT PCI/G	29605 CO-60 SED-ERR PCI/G	29550 EU-152 SEDIMENT PCI/G	29651 EU-152 SEDIMENT ERRO	29652 EU-154 SEDIMENT PCI/G	29653 EU-154 SEDIMENT ERRO	25503 AC-228 SEDIMENT PCI/G	25504 AC-228 SED-ERR PCI/G
84/06/22	11 00		6.7	0.5	2.400	0.300					1.4	0.2

STORET RETRIEVAL DATE 85/04/12
476570
35 57 32.3 084 21 52.6 1
WEST OF OAK RIDGE TURNPIKE
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 2.36
132TVAC
840706 DEPTH 0 DATA LOCKED AFTER 8405
/TYPA/AMENT/STREAM
INDEX 1021500 007720 00920 7930 0610 0080
MILES 0953.80 0046.50 567.70 012.00 005.47.002.36 . . . . . .

	INITIAL DATE				84/06/22		84/06/22	
	INITIAL TIME-DEPTH-BOTTOM				1100		1101	
34223	ANTHRACE	SEDUG/KG	DRY WGT		660	L	660	U
34233	BENZHFLU	ORANTMUD	DRYUG/KG		660	L	660	U
34245	BENZKFLU	SEDUG/KG	DRY WGT		660	L	660	U
34250	BENZAPYR	SEDUG/KG	DRY WGT		660	L	660	U
34276	B2CETETR	SEDUG/KG	DRY WGT		660	L	660	U
34281	B2CETOXM	SEDUG/KG	DRY WGT		660	L	660	U
34286	B2CIPETR	SEDUG/KG	DRY WGT		660	L	660	U
34295	NBB PHTH	MUD-DRY	UG/KG		660	U	660	U
34323	CHRYSENE	SEDUG/KG	DRY WGT		660	L	660	U
34339	DETHPHTH	SEDUG/KG	DRY WGT		660	L	660	U
34344	DMETPHTH	SEDUG/KG	DRY WGT		660	L	660	U
34349	12DPHNHY	SEDUG/KG	DRY WGT		660	L	660	U
34379	FLANTENE	SEDUG/KG	DRY WGT		660	U	660	U
34384	FLLORENE	SEDUG/KG	DRY WGT		660	L	660	U
34389	HEXCLCPD	SEDUG/KG	DRY WGT		660	L	660	U
34399	HEXACLET	SEDUG/KG	DRY WGT		660	L	660	U
34406	I123CDPR	SEDUG/KG	DRY WGT		660	L	660	U
34411	ISPHRONE	SEDUG/KG	DRY WGT		660	L	660	U
34431	NITBNPRA	SEDUG/KG	DRY WGT		660	L	660	U
34436	NITRSDPA	SEDUG/KG	DRY WGT		660	L	660	U
34441	NITRSDMA	SEDUG/KG	DRY WGT		660	L	660	U
34445	NAPTHALE	SEDUG/KG	DRY WGT		660	L	660	U
34450	NITROBEN	SEDUG/KG	DRY WGT		660	L	660	U
34464	PHENANTH	SEDUG/KG	DRY WGT		660	L	660	M
34472	PYRENE	SEDUG/KG	DRY WGT		660	L	660	U
34524	B2GHIPER	SEDUG/KG	DRY WGT		660	L	660	U
34529	BENZAANT	SEDUG/KG	DRY WGT		660	L	660	U
34539	12DCLBEN	SEDUG/KG	DRY WGT		660	L	660	U
34554	124TCBEN	SEDUG/KG	DRY WGT		660	L	660	U
34559	CEAHANTH	SEDUG/KG	DRY WGT		660	L	660	U
34569	13DCLBEN	SEDUG/KG	DRY WGT		660	L	660	U
34574	14DCLBEN	SEDUG/KG	DRY WGT		660	L	660	U
34584	2CLNAPTH	SEDUG/KG	DRY WGT		660	L	660	U
34599	DINCCTPH	SEDUG/KG	DRY WGT		660	L	660	U
34614	24DNTOLU	SEDUG/KG	DRY WGT		660	L	660	U
34629	26DNTOLU	SEDUG/KG	DRY WGT		660	L	660	U
34634	33DCBNZD	SEDUG/KG	DRY WGT		1600	L	1600	U
34639	4BRPPETR	SEDUG/KG	DRY WGT		660	L	660	U
34644	4CLPPETR	SEDUG/KG	DRY WGT		660	L	660	U
39102	B2E PHTH	MUD-DRY	UG/KG		780		660	M
39112	DNB PHTH	MUD-DRY	UG/KG		660	L	660	M
39121	BENZIDIN	SEDUG/KG	DRY WGT		3300	L	3300	U
39491	PCB-1221	SEDUG/KG	DRY WGT		100	L	100	U
39495	PCB-1232	SEDUG/KG	DRY WGT		100	L	100	U
39499	PCB-1242	SEDUG/KG	DRY WGT		100	L	100	U

(SAMPLE CONTINUED ON NEXT PAGE)

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STORET RETRIEVAL DATE 85/04/12
 476570
35 57 32.3 084 21 52.6  1
WEST OF OAK RIDGE TURNPIKE
47145 TENNESSEE          ROANE
CLINCH RIVER BASIN        040102
EAST FORK POPLAR CREEK 2.36
132TVAC
        840706     DEPTH     0 DATA LOCKED AFTER 8405
/TYPA/AMENT/STREAM
INDEX 1021500  007720  00920  793C   0510   0C80
FILES 0953.80 0046.50 567.70 012.00 005.47 002.36   .     .     .     .     .     .
(SAMPLE CONTINUED FROM PREVIOUS PAGE)
     INITIAL DATE                          84/06/22  84/06/22
     INITIAL TIME-DEPTH-BOTTOM             1100      1101
39503 PCB-1248   SEDUG/KG    DRY WGT        100 L     100 U
39507 PCB-1254   SEDUG/KG    DRY WGT        100 L     100 U
39511 PCB-1260   SEDUG/KG    DRY WGT        100 L     100 U
39514 PCB-1016   SEDUG/KG    DRY WGT        100 L     100 U
39701 HCB        SEDUG/KG    DRY WGT        660 L     660 U
39705 HEXCLBD    SEDUG/KG    DRY WGT        660 L     660 U
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STORET RETRIEVAL DATE 85/09/12

476569
35 57 56.2 084 21 20.2 1
ABOVE USGS GAGING STATION
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 3.5
132TVAC 840706
0000 FEET DEPTH CSN-RSP 0737286-0695429

/TYPA/AGENT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	70320 MOISTURE CONTENT PERCENT	70322 RESIDUE TOT VOL PERCENT	71821 SPECIFIC GRAVITY SEDGM/CM	81356 CATION EX. CAP. MEA/100G	71921 MERCURY SEDMG/KG DRY WGT	81756 TOT SED PARTSIZ% <.0005MM	80181 TOT SED PARTSIZE %<.002MM	80183 TOT SED PARTSIZE %<.008MM
84/06/21	13 00		483	D12	41	6.0	2.07	12.0	19.0	9.9	19.8	33.2
84/09/21	13 05		6193	D107	26		2.66					

DATE FROM TO	TIME OF DAY	DEPTH FEET	80184 TOT SED PARTSIZE %<.016MM	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80209 TOT SED SIEVE %<2.00MM	70281 SED PART 2000-635 0SIZ%TOT	70280 SED PART 500-2000 SIZE%TOT	70283 SED PART 125-500U SIZE%TOT	70282 SED PART 63-125U SIZE%TOT	71925 MERCURY 2000-635 0U MG/KG
84/06/21	13 00		39.1	56.6								
84/09/21	13 05			26.6	33.0	59.50	97.7	2.3	38.2	26.5	6.4	1.1

DATE FROM TO	TIME OF DAY	DEPTH FEET	71924 MERCURY 500-2000 U MG/KG	71923 MERCURY 125-500U MG/KG	71926 MERCURY 63-125 U MG/KG	00557 OIL-GRSE MUD ERGR MG/KG	00721 CYANIDE SEDMG/KG DRY WGT	01003 ARSENIC SEDMG/KG DRY WGT	01028 CD MUD DRY WGT MG/KG-CD	01029 CHROMIUM SEDMG/KG DRY WGT	01052 LEAD SEDMG/KG DRY WGT	01068 NICKEL SEDMG/KG DRY WGT
84/06/21	13 00											
84/09/21	13 05		3.6	15.0	20.0		0.9U	5.8	0.5U	30	58	25

DATE FROM TO	TIME OF DAY	DEPTH FEET	01078 SILVER SEDMG/KG DRY WGT	01163 ZR MUD DRY WGT MG/KG-ZR	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG	80329 MERCURY LT6.35MM SEDMG/KG
84/06/21	13 00		4.00	490.00					
84/09/21	13 05				61.00	53.0	36.1	23.4	22.9

STORET RETRIEVAL CATE 85/04/12

476569
35 57 56.2 084 21 20.2 1
ABOVE USGS GAGING STATION
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 04C102
EAST FORK POPLAR CREEK 3.5
132TVAC 840706
0000 FEET DEPTH CSN-RSP 0737286-0695429

/TYPA/APENT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	01507 ALPHA SEDIMENT PC/G	01508 ALPHA SED-ERR PC/G	03507 BETA SEDIMENT PC/G	03508 BETA SED-ERR PC/G	09507 RA-226 SEDIMENT PC/G	09508 RA-226 SED-ERR PC/G
84/06/21	13 00		483	D12			14.0	4.0	36	7		
84/09/21	13 05		6193	D107								

DATE FROM TO	TIME OF DAY	DEPTH FEET	11506 RA-224 SEDIMENT PCI/G	11507 RA-224 SED-ERR PCI/G	11508 RA-223 SEDIMENT PCI/G	11509 RA-223 SEDIMENT ERROR	15505 SR-89 SEDIMENT PCI/G	15506 SR-89 SED-ERR PCI/G	15507 SR-90 SEDIMENT PCI/G	15508 SR-90 SED-ERR PCI/G	17509 PB-212 SEDIMENT PCI/G	17510 PB-212 SED-ERR PCI/G
84/06/21	13 00						0.7	0.3	0.1	0.1	1.00	0.20

DATE FROM TO	TIME OF DAY	DEPTH FEET	17511 PB-214 SEDIMENT PCI/G	17512 PB-214 SED-ERR PCI/G	21503 PA-233 SEDIMENT PCI/G	21504 PA-233 SED-ERR PCI/G	21505 MPA-234 SEDIMENT PCI/G	21506 MPA-234 SED-ERR PCI/G	21508 PA-234 SEDIMENT PCI/G	21509 PA-234 SEDIMENT ERROR	22015 PU-238 SEDIMENT PCI/G	22017 PU-238 SEDIMENT ERRO
84/06/21	13 00		0.60	0.10			11.0	6.0				

DATE FROM TO	TIME OF DAY	DEPTH FEET	22018 PU-239 SEDIMENT PCI/G	22019 PU-239 SEDIMENT ERRO	22200 BE-7 SEDIMENT PCI/G	22201 BE-7 SED-ERR PCI/G	22250 NA-22 SEDIMENT PCI/G	22251 NA-22 SED-ERR PCI/G	22300 K-40 SEDIMENT PCI/G	22301 K-40 SED-ERR PCI/G	22350 TL-208 SEDIMENT PCI/G	22351 TL-208 SED-ERR PCI/G
84/06/21	13 00				1.50	0.40			7.8	0.9	0.35	0.06

STORET RETRIEVAL DATE 85/05/01

476569
35 57 56.2 084 21 20.2 1
ABOVE USGS GAGING STATION
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 3.5
132TVAC 840706
0000 FEET DEPTH CSN-RSP 0737286-0695429

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	22375 BI-212 SEDIMENT PCI/G	22376 BI-212 SED-ERR PCI/G	22377 BI-214 SEDIMENT PCI/G	22378 BI-214 SED-ERR PCI/G	22450 AM-241 SEDIMENT PCI/G	22451 AM-241 SEDIMENT ERRO	22475 CU-244 SEDMENT PCI/G	22476 CU-244 SEDIMENT ERRO	22507 TH-234 SEDIMENT PCI/G	22508 TH-234 SED-ERR PCI/G
84/06/21	13 00		1.2	0.3	0.70	0.10					5.7	0.8

DATE FROM TO	TIME OF DAY	DEPTH FEET	22608 URANIUM SEDIMENT UG/G	22609 URANIUM SED-ERR UG/G	22612 U-235 SEDIMENT PCI/G	22613 U-235 SED-ERR PCI/G	22503 THORIUM/ URANIUM RATIO	22504 TH-ALPHA TOT WAT PC/L	27999 RU-106 SEDIMENT PCI/	28000 RU-106 SEDIMENT ERROR	28416 CS-134 SEDIMENT PCI/G	28417 CS-134 SED-ERR PCI/G
84/06/21	13 00		6.00	1.00	0.50	0.20					0.420	0.060

DATE FROM TO	TIME OF DAY	DEPTH FEET	28418 CS-137 SEDIMENT PCI/G	28419 CS-137 SED-ERR PCI/G	29604 CO-60 SEDIMENT PCI/G	29605 CO-60 SED-ERR PCI/G	29550 EU-152 SEDIMENT PCI/G	29551 EU-152 SEDIMENT ERRO	29652 EU-154 SEDIMENT PCI/G	29653 EU-154 SEDIMENT ERRO	25503 AC-228 SEDIMENT PCI/G	25504 AC-228 SED-ERR PCI/G
84/06/21	13 00		4.0	0.3	1.800	0.200					0.9	0.1

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STORET RETRIEVAL DATE 85/04/12
 476569
35 57 56.2 084 21 20.2  1
ABOVE USGS GAGING STATION
47145 TENNESSEE          ROANE
CLINCH RIVER BASIN        040102
EAST FORK POPLAR CREEK 3.5
132TVAC
        840706      DEPTH     0 DATA LOCKED AFTER 8405
/TYPA/AMBNT/STREAM
INDEX 1021500  007720  00920  7930   0610   0080
MILES 0953.80 0046.50 567.70 012.00 005.47 003.50   .    .    .    .    .    .
     INITIAL DATE                          84/06/21
     INITIAL TIME-DEPTH-BOTTOM             1300
34223 ANTHRACE  SEDUG/KG   DRY WGT        710 L
34233 BENZBFLU  ORANTMUD  DRYUG/KG        710 L
34245 BENZKFLU  SEDUG/KG   DRY WGT        710 L
34250 BENZAPYR  SEDUG/KG   DRY WGT        710 U
34276 B2CETETR  SEDUG/KG   DRY WGT        710 L
34281 B2CETOXM  SEDUG/KG   DRY WGT        710 L
34286 B2CIPETR  SEDUG/KG   DRY WGT        710 L
34295 NBE PHTH  MUD-DRY     UG/KG         710 L
34323 CHRYSENE  SEDUG/KG   DRY WGT        710 L
34339 DETHPHTH  SEDUG/KG   DRY WGT        710 L
34344 DMETPHTH  SEDUG/KG   DRY WGT        710 L
34349 12DPHNHY  SEDUG/KG   DRY WGT        710 L
34379 FLANTENE  SEDUG/KG   DRY WGT        710 L
34384 FLUORENE  SEDUG/KG   DRY WGT        710 L
34389 HEXCLCPD  SEDUG/KG   DRY WGT        710 L
34399 HEXACLET  SEDUG/KG   DRY WGT        710 L
34406 I123CDPR  SEDUG/KG   DRY WGT        710 U
34411 ISPHRONE  SEDUG/KG   DRY WGT        710 L
34431 NITBNPRA  SEDUG/KG   DRY WGT        710 L
34436 NITRSDPA  SEDUG/KG   DRY WGT        710 L
34441 NITRSDMA  SEDUG/KG   DRY WGT        710 U
34445 NAPTHALE  SEDUG/KG   DRY WGT        710 L
34450 NITROBEN  SEDUG/KG   DRY WGT        710 L
34464 PHENANTH  SEDUG/KG   DRY WGT        710 M
34472 PYRENE    SEDUG/KG   DRY WGT        710 L
34524 BZEHIPER  SEDUG/KG   DRY WGT        710 L
34529 BENZAANT  SEDUG/KG   DRY WGT        710 L
34539 12DCLBEN  SEDUG/KG   DRY WGT        710 L
34554 124TCBEN  SEDUG/KG   DRY WGT        710 U
34559 CBAHANTH  SEDUG/KG   DRY WGT        710 L
34569 13DCLBEN  SEDUG/KG   DRY WGT        710 L
34574 14DCLBEN  SEDUG/KG   DRY WGT        710 L
34584 2CLNAPTH  SEDUG/KG   DRY WGT        710 L
34599 DINOCTPH  SEDUG/KG   DRY WGT        710 L
34614 24DNTOLU  SEDUG/KG   DRY WGT        710 L
34629 26DNTOLU  SEDUG/KG   DRY WGT        710 U
34634 33DCBNZD  SEDUG/KG   DRY WGT       1800 L
34639 4BRPPETR  SEDUG/KG   DRY WGT        710 L
34644 4CLPPETR  SEDUG/KG   DRY WGT        710 L
39102 B2E PHTH  MUD-DRY     UG/KG        1300
39112 CNB PHTH  MUD-DRY     UG/KG         710 L
39121 BENZIDIN  SEDUG/KG   DRY WGT       3600 L
39491 PCB-1221  SEDUG/KG   DRY WGT        100 L
39495 PCB-1232  SEDUG/KG   DRY WGT        100 L
39499 PCB-1242  SEDUG/KG   DRY WGT        100 L
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(SAMPLE CONTINUED ON NEXT PAGE)

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STORET RETRIEVAL DATE 85/04/12
 476569
35 57 56.2 084 21 20.2  1
ABOVE USGS GAGING STATION
47145 TENNESSEE          ROANE
CLINCH RIVER BASIN        040102
EAST FORK POPLAR CREEK 3.5
132TVAC
        840706      DEPTH     0 DATA LOCKED AFTER 8405
/TYPA/AMENT/STREAM
INDEX 1021500  007720  00920  7930   0610   0080
MILES 0953.80 0046.50 567.70 012.00 005.47 003.50   .    .    .    .    .    .
(SAMPLE CONTINUED FROM PREVIOUS PAGE)
     INITIAL DATE                          84/06/21
     INITIAL TIME-DEPTH-BOTTOM             1300
39503 PCB-1248  SEDUG/KG   DRY WGT          100 L
39507 PCB-1254  SEDUG/KG   DRY WGT          100 L
39511 PCB-1260  SEDUG/KG   DRY WGT          100 L
39514 PCB-1016  SEDUG/KG   DRY WGT          100 L
39701 HCB       SEDUG/KG   DRY WGT          710 L
39705 HEXCLBD   SEDUG/KG   DRY WGT          710 L
```

STORET RETRIEVAL DATE 85/04/12

476568
35 58 14.0 084 21 01.3 1
1.2 MILES ABOVE USGS GAGING STATION
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 4.5
132TVAC 840706
0000 FEET DEPTH CSN-RSP 0737285-0695428

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	70320 MOISTURE CONTENT PERCENT	70322 RESIDUE TOT VOL PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	81356 CATION EX. CAP. MEA/100G	71921 MERCURY SEDMG/KG DRY WGT	81756 TOT SED PARTSIZ% <.0005MM	80181 TOT SED PARTSIZE %<.002MM	80183 TOT SED PARTSIZE %<.008MM
84/06/21	11 00		482	D11	54	9.2	2.17	19.0	32.0	13.9	27.0	44.2

DATE FROM TO	TIME OF DAY	DEPTH FEET	80184 TOT SED PARTSIZE %<.016MM	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	00557 OIL-GRSE MUD FRGR MG/KG	00721 CYANIDE SEDMG/KG DRY WGT	01003 ARSENIC SEDMG/KG DRY WGT	01028 CD MUD DRY WGT MG/KG-CD	01029 CHROMIUM SEDMG/KG DRY WGT
84/06/21	11 00		51.6	81.9					1.1U	7.0	1.2	49

DATE FROM TO	TIME OF DAY	DEPTH FEET	01052 LEAD SEDMG/KG DRY WGT	01068 NICKEL SEDMG/KG DRY WGT	01078 SILVER SEDMG/KG DRY WGT	01163 ZR MUD DRY WGT MG/KG-ZR
84/06/21	11 00		87	41	7	500

STORET RETRIEVAL DATE 85/04/12

476568
35 58 14.0 084 21 01.3 1
1.2 MILES ABOVE USGS GAGING STATION
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 4.5
132TVAC 840706
0000 FEET DEPTH CSN-RSP 0737285-0695428

/TYPA/AGENT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	01507 ALPHA SEDIMENT PC/G	01508 ALPHA SED-ERR PC/G	03507 BETA SEDIMENT PC/G	03508 BETA SED-ERR PC/G	09507 RA-226 SEDIMENT PC/G	09508 RA-226 SED-ERR PC/G
84/06/21	11 00		482	D11			22.0	6.0	70	10		

DATE FROM TO	TIME OF DAY	DEPTH FEET	11506 RA-224 SEDIMENT PCI/G	11507 RA-224 SED-ERR PCI/G	11508 RA-223 SEDIMENT PCI/G	11509 RA-223 SEDIMENT ERROR	15505 SR-89 SEDIMENT PCI/G	15506 SR-89 SED-ERR PCI/G	15507 SR-90 SEDIMENT PCI/G	15508 SR-90 SED-ERR PCI/G	17509 PB-212 SEDIMENT PCI/G	17510 PB-212 SED-ERR PCI/G
84/06/21	11 00						0.0	0.3	0.1	0.1	1.80	0.20

DATE FROM TO	TIME OF DAY	DEPTH FEET	17511 PB-214 SEDIMENT PCI/G	17512 PB-214 SED-ERR PCI/G	21503 PA-233 SEDIMENT PCI/G	21504 PA-233 SED-ERR PCI/G	21505 MPA-234 SEDIMENT PCI/G	21506 MPA-234 SED-ERR PCI/G	21508 PA-234 SEDIMENT PCI/G	21509 PA-234 SEDIMENT ERROR	22015 PU-238 SEDIMENT PCI/G	22017 PU-238 SEDIMENT ERRO
84/06/21	11 00		1.00	0.20								

DATE FROM TO	TIME OF DAY	DEPTH FEET	22018 PU-239 SEDIMENT PCI/G	22019 PU-239 SEDIMENT ERRO	22200 BE-7 SEDIMENT PCI/G	22201 BE-7 SED-ERR PCI/G	22250 NA-22 SEDIMENT PCI/G	22251 NA-22 SED-ERR PCI/G	22300 K-40 SEDIMENT PCI/G	22301 K-40 SED-ERR PCI/G	22350 TL-208 SEDIMENT PCI/G	22351 TL-208 SED-ERR PCI/G
84/06/21	11 00				4.50	0.70						

STORET RETRIEVAL DATE 85/05/01

476568
35 58 14.0 084 21 31.3 1
1.2 MILES ABOVE USGS GAGING STATION
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 4.5
132TVAC 840706
3000 FEET DEPTH CSN-RSP 0737285-0695428

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	22018 PU-239 SEDIMENT PCI/G	22019 PU-239 SEDIMENT ERRO	22200 BE-7 SEDIMENT PCI/G	22201 BE-7 SED-ERR PCI/G	22350 NA-22 SEDIMENT PCI/G	22351 NA-22 SED-ERR PCI/G	22300 K-40 SEDIMENT PCI/G	22301 K-40 SED-ERR PCI/G	22350 TL-208 SEDIMENT PCI/G	22351 TL-208 SED-ERR PCI/G
84/06/21	11 00				4.50	0.70			14.0	2.0	0.68	0.08

DATE FROM TO	TIME OF DAY	DEPTH FEET	22375 BI-212 SEDIMENT PCI/G	22376 BI-212 SED-ERR PCI/G	22377 BI-214 SEDIMENT PCI/G	22378 BI-214 SED-ERR PCI/G	22450 AM-241 SEDIMENT PCI/G	22451 AM-241 SEDIMENT ERRO	22475 CU-244 SEDMENT PCI/G	22476 CU-244 SEDIMENT ERRO	22507 TH-234 SEDIMENT PCI/G	22508 TH-234 SED-ERR PCI/G
84/06/21	11 00		2.2	0.8	1.00	0.10					9.0	1.0

DATE FROM TO	TIME OF DAY	DEPTH FEET	22608 URANIUM SEDIMENT UG/G	22609 URANIUM SED-ERR UG/G	22612 U-235 SEDIMENT PCI/G	22613 U-235 SED-ERR PCI/G	22503 THORIUM/ URANIUM RATIO	22504 TH-ALPHA TOT WAT PC/L	27999 RU-106 SEDIMENT PCI/	28000 RU-106 SEDIMENT ERROR	28416 CS-134 SEDIMENT PCI/G	28417 CS-134 SED-ERR PCI/G
84/06/21	11 00		10.00	1.00							0.780	0.090

DATE FROM TO	TIME OF DAY	DEPTH FEET	28418 CS-137 SEDIMENT PCI/G	28419 CS-137 SED-ERR PCI/G	29604 CO-60 SEDIMENT PCI/G	29605 CO-60 SED-ERR PCI/G	29650 EU-152 SEDIMENT PCI/G	29651 EU-152 SEDIMENT ERRO	29652 EU-154 SEDIMENT PCI/G	29653 EU-154 SEDIMENT ERRO	25503 AC-228 SEDIMENT PCI/G	25504 AC-228 SED-ERR PCI/G
84/06/21	11 00		8.6	0.6	5.500	0.500					1.4	0.3

STORET RETRIEVAL DATE 85/04/12
476568
35 58 14.0 084 21 01.3 1
1.2 MILES ABOVE USGS GAGING STATION
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 4.5
132TVAC
840706 DEPTH 0 DATA LOCKED AFTER 8405
/TYPA/APENT/STREAM
INDEX 1021500 007720 00920 7930 0610 0080
MILES 0953.80 0046.50 567.70 012.00 005.47 004.50 . . . . . .

	INITIAL DATE			84/06/21	
	INITIAL TIME-DEPTH-BOTTOM			1100	
34223	ANTHRACE	SEDUG/KG	DRY WGT	860	L
34233	BENZBFLU	ORANTMUD	DRYUG/KG	860	L
34245	BENZKFLU	SEDUG/KG	DRY WGT	860	L
34250	BENZAPYR	SEDUG/KG	DRY WGT	860	L
34276	B2CETETR	SEDUG/KG	DRY WGT	860	L
34281	B2CETOXM	SEDUG/KG	DRY WGT	860	L
34286	B2CIPETR	SEDUG/KG	DRY WGT	860	L
34295	NBB PHTH	MLD-DRY	UG/KG	860	L
34323	CHRYSENE	SEDUG/KG	DRY WGT	860	L
34339	DETHPHTH	SEDUG/KG	DRY WGT	860	L
34344	DMETPHTH	SEDUG/KG	DRY WGT	860	L
34349	12DPHNHY	SEDUG/KG	DRY WGT	860	L
34379	FLANTENE	SEDUG/KG	DRY WGT	860	L
34384	FLUORENE	SEDUG/KG	DRY WGT	860	L
34389	HEXCLCPD	SEDUG/KG	DRY WGT	860	L
34399	HEXACLET	SEDUG/KG	DRY WGT	860	L
34406	I123CDPR	SEDUG/KG	DRY WGT	860	L
34411	ISPHRONE	SEDUG/KG	DRY WGT	860	L
34431	NITBNPRA	SEDUG/KG	DRY WGT	860	L
34436	NITRSDPA	SEDUG/KG	DRY WGT	860	L
34441	NITRSDMA	SEDUG/KG	DRY WGT	860	L
34445	NAPTHALE	SEDUG/KG	DRY WGT	860	L
34450	NITROBEN	SEDUG/KG	DRY WGT	860	L
34464	PHENANTH	SEDUG/KG	DRY WGT	860	M
34472	PYRENE	SEDUG/KG	DRY WGT	860	L
34524	BZGHIPER	SEDUG/KG	DRY WGT	860	L
34529	BENZAANT	SEDUG/KG	DRY WGT	860	L
34539	12DCLBEN	SEDUG/KG	DRY WGT	860	L
34554	124TCBEN	SEDUG/KG	DRY WGT	860	L
34559	DBAHANTH	SEDUG/KG	DRY WGT	860	L
34569	13DCLBEN	SEDUG/KG	DRY WGT	860	L
34574	14DCLBEN	SEDUG/KG	DRY WGT	860	L
34584	2CLNAPTH	SEDUG/KG	DRY WGT	860	L
34599	DINOCTPH	SEDUG/KG	DRY WGT	860	L
34614	24DNTOLU	SEDUG/KG	DRY WGT	860	L
34629	26DNTOLU	SEDUG/KG	DRY WGT	860	L
34634	33DCBNZD	SEDUG/KG	DRY WGT	2200	L
34639	4BRPPETR	SEDUG/KG	DRY WGT	860	L
34644	4CLPPETR	SEDUG/KG	DRY WGT	860	L
39102	B2E PHTH	MLD-DRY	UG/KG	1700	
39112	DNB PHTH	MLD-DRY	UG/KG	860	L
39121	BENZIDIN	SEDUG/KG	DRY WGT	4300	L
39491	PCB-1221	SEDUG/KG	DRY WGT	100	L
39495	PCB-1232	SEDUG/KG	DRY WGT	100	L
39499	PCB-1242	SEDUG/KG	DRY WGT	100	L

(SAMPLE CONTINUED ON NEXT PAGE)

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STORET RETRIEVAL DATE 85/04/12
 476568
35 58 14.0 084 21 01.3  1
1.2 MILES ABOVE USGS GAGING STATION
47145 TENNESSEE          ROANE
CLINCH RIVER BASIN        040102
EAST FORK POPLAR CREEK 4.5
132TVAC
        840706      DEPTH     0 DATA LOCKED AFTER 8405
/TYPA/AMENT/STREAM
INDEX 1021500  007720  03920  7930   0610   0080
MILES 0953.80 0046.50 567.70 012.00 005.47 004.50   .     .     .     .     .     .
(SAMPLE CONTINUED FROM PREVIOUS PAGE)
     INITIAL DATE                          84/06/21
     INITIAL TIME-DEPTH-BOTTOM             1100
39503 PCB-1248  SEDUG/KG   DRY WGT        100 L
39507 PCB-1254  SEDUG/KG   DRY WGT        100 L
39511 PCB-1260  SEDUG/KG   DRY WGT        200
39514 PCB-1016  SEDUG/KG   DRY WGT        100 L
39701 HCB       SEDUG/KG   DRY WGT        860 L
39705 HEXCLBD   SEDUG/KG   DRY WGT        860 L
```

STORET RETRIEVAL DATE 85/04/12

476567
35 58 25.7 084 20 15.1 1
SOUTHWEST OF OAK RIDGE COUNTRY CLUB
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 5.74
132TVAC 840706
0000 FEET DEPTH CSN-RSP 0737284-0695427

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	70320 MOISTURE CONTENT PERCENT	70322 RESIDUE TOT VOL PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	81356 CATION EX. CAP. MEA/100G	71921 MERCURY SEDMG/KG DRY WGT	81756 TOT SED PARTSIZ% <.0005MM	80181 TOT SED PARTSIZE %<.002MM	80183 TOT SED PARTSIZE %<.008MM
84/06/21	09 30		481	010	34	4.8	2.56	9.7	14.0	11.6	21.3	36.8
84/09/20	11 45		6172	D125	27		2.55					

DATE FROM TO	TIME OF DAY	DEPTH FEET	80184 TOT SED PARTSIZE %<.016MM	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	70281 SED PART 2000-635 OSIZ%TOT	70280 SED PART 500-2000 SIZE%TOT	70283 SED PART 125-500U SIZE%TOT	70282 SED PART 63-125J SIZE%TOT	71925 MERCURY 2000-635 OU MG/KG
84/06/21	09 30		48.4	64.6								
84/09/20	11 45			31.1	40.2	63.40	90.3	9.7	26.9	23.2	9.1	14.0

DATE FROM TO	TIME OF DAY	DEPTH FEET	71924 MERCURY 500-2000 U MG/KG	71923 MERCURY 125-500U MG/KG	71926 MERCURY 63-125 U MG/KG	00557 OIL-GRSE MUD ERGR MG/KG	00721 CYANIDE SEDMG/KG DRY WGT	01003 ARSENIC SEDMG/KG DRY WGT	01028 CD MUD DRY WGT MG/KG-CD	01029 CHROMIUM SEDMG/KG DRY WGT	01052 LEAD SEDMG/KG DRY WGT	01068 NICKEL SEDMG/KG DRY WGT
84/06/21	09 30						0.8U	5.8	0.5U	24	53	21
84/09/20	11 45		18.0	17.0	16.0							

DATE FROM TO	TIME OF DAY	DEPTH FEET	01078 SILVER SEDMG/KG DRY WGT	01163 ZR MUD DRY WGT MG/KG-ZR	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG	80329 MERCURY LT6.35MM SEDMG/KG
84/06/21	09 30		2.00	590.00					
84/09/20	11 45				79.00	54.7	47.2	38.6	36.1

STORET RETRIEVAL DATE 83/04/12

476567
35 58 25.7 084 20 15.1 1
SOUTHWEST OF OAK RIDGE COUNTRY CLUB
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 5.74
132TVAC 840706
0000 FEET DEPTH CSN-RSP 0737284-0695427

/TYPA/AMENT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	01507 ALPHA SEDIMENT PC/G	01508 ALPHA SED-ERR PC/G	03507 BETA SEDIMENT PC/G	03508 BETA SED-ERR PC/G	09507 RA-226 SEDIMENT PC/G	09508 RA-226 SED-ERR PC/G
84/06/21	09 30		481	010			9.0	3.0	43	9		
84/09/20	11 45		6172	0125								

DATE FROM TO	TIME OF DAY	DEPTH FEET	11506 RA-224 SEDIMENT PCI/G	11507 RA-224 SED-ERR PCI/G	11508 RA-223 SEDIMENT PCI/G	11509 RA-223 SEDIMENT ERROR	15505 SR-89 SEDIMENT PCI/G	15506 SR-89 SED-ERR PCI/G	15507 SR-90 SEDIMENT PCI/G	15508 SR-90 SED-ERR PCI/G	17509 PB-212 SEDIMENT PCI/G	17510 PB-212 SED-ERR PCI/G
84/06/21	09 30						0.3	0.3	0.0	0.1	1.30	0.20

DATE FROM TO	TIME OF DAY	DEPTH FEET	17511 PB-214 SEDIMENT PCI/G	17512 PB-214 SED-ERR PCI/G	21503 PA-233 SEDIMENT PCI/G	21504 PA-233 SED-ERR PCI/G	21505 MPA-234 SEDIMENT PCI/G	21506 MPA-234 SED-ERR PCI/G	21508 PA-234 SEDIMENT PCI/G	21509 PA-234 SEDIMENT ERROR	22015 PU-238 SEDIMENT PCI/G	22017 PU-238 SEDIMENT ERRO
84/06/21	09 30		1.00	0.10			8.0	4.0				

DATE FROM TO	TIME OF DAY	DEPTH FEET	22018 PU-239 SEDIMENT PCI/G	22019 PU-239 SEDIMENT ERRO	22200 BE-7 SEDIMENT PCI/G	22201 BE-7 SED-ERR PCI/G	22250 NA-22 SEDIMENT PCI/G	22251 NA-22 SED-ERR PCI/G	22300 K-40 SEDIMENT PCI/G	22301 K-40 SED-ERR PCI/G	22350 TL-208 SEDIMENT PCI/G	22351 TL-208 SED-ERR PCI/G
84/06/21	09 30				0.80	0.20			15.0	2.0	0.45	0.06

STORET RETRIEVAL DATE 85/11/21

476567
35 58 25.7 084 23 15.1 1
SOUTHWEST OF OAK RIDGE COUNTRY CLUB
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 5.74
132TVAC 840706
3002 FEET DEPTH CSN-RSP 0737284-0695427

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	22375 BI-212 SEDIMENT PCI/G	22376 BI-212 SED-ERR PCI/G	22377 BI-214 SEDIMENT PCI/G	22378 BI-214 SED-ERR PCI/G	22450 AM-241 SEDIMENT PCI/G	22451 AM-241 SEDIMENT ERRO	22475 CU-244 SEDMENT PCI/G	22476 CU-244 SEDIMENT ERRO	22507 TH-234 SEDIMENT PCI/G	22508 TH-234 SED-ERR PCI/G
84/06/21	09 30		1.6	0.4	0.90	0.10					4.4	0.9

DATE FROM TO	TIME OF DAY	DEPTH FEET	22608 URANIUM SEDIMENT UG/G	22609 URANIUM SED-ERR UG/G	22612 U-235 SEDIMENT PCI/G	22613 U-235 SED-ERR PCI/G	22503 THORIUM/ URANIUM RATIO	22504 TH-ALPHA TOT WAT PC/L	27999 RU-106 SEDIMENT PCI/	28000 RU-106 SEDIMENT ERROR	28416 CS-134 SEDIMENT PCI/G	28417 CS-134 SED-ERR PCI/G
84/06/21	09 30		18.00	1.00							0.240	0.040

DATE FROM TO	TIME OF DAY	DEPTH FEET	28418 CS-137 SEDIMENT PCI/G	28419 CS-137 SED-ERR PCI/G	29604 CO-60 SEDIMENT PCI/G	29605 CO-60 SED-ERR PCI/G	29650 EU-152 SEDIMENT PCI/G	29651 EU-152 SEDIMENT ERRO	29652 EU-154 SEDIMENT PCI/G	29653 EU-154 SEDIMENT ERRO	25503 AC-228 SEDIMENT PCI/G	25504 AC-228 SED-ERR PCI/G
84/06/21	09 30		2.7	0.2	0.720	0.090					1.2	0.2

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STORET RETRIEVAL DATE 85/09/12
 476567
35 58 25.7 084 20 15.1  1
SOUTHWEST OF OAK RIDGE COUNTRY CLUB
47145 TENNESSEE          ROANE
CLINCH RIVER BASIN        040102
EAST FORK POPLAR CREEK 5.74
132TVAC
        840706     DEPTH     0 DATA LOCKED AFTER 8405
/TYPA/AMENT/STREAM
INDEX 1021500  007720  00920  7930   0610   0080
MILES 0953.80 0046.50 567.70 012.00 005.47 005.74   .     .     .     .     .     .
     INITIAL DATE                          84/06/21
     INITIAL TIME-DEPTH-BOTTOM             0930
34223 ANTHRACE  SEDUG/KG   DRY WGT        680 L
34233 BENZBFLU  ORANTMUD  DRYUG/KG        680 L
34245 BENZKFLU  SEDUG/KG   DRY WGT        680 L
34250 BENZAPYR  SEDUG/KG   DRY WGT        680 L
34276 B2CETETR  SEDUG/KG   DRY WGT        680 L
34281 B2CETOXM  SEDUG/KG   DRY WGT        680 L
34286 B2CIPETR  SEDUG/KG   DRY WGT        680 L
34295 NBB PHTH  MLO-DRY     UG/KG         680 L
34323 CHRYSENE  SEDUG/KG   DRY WGT        680 L
34339 DETHPHTH  SEDUG/KG   DRY WGT        680 L
34344 DMETPHTH  SEDUG/KG   DRY WGT        680 L
34349 12DPHNHY  SEDUG/KG   DRY WGT        680 L
34379 FLANTENE  SEDUG/KG   DRY WGT        680 L
34384 FLUORENE  SEDUG/KG   DRY WGT        680 L
34389 HEXCLCPD  SEDUG/KG   DRY WGT        680 L
34399 HEXACLET  SEDUG/KG   DRY WGT        680 L
34406 I123CDPR  SEDUG/KG   DRY WGT        680 L
34411 ISPHRONE  SEDUG/KG   DRY WGT        680 L
34431 NITCNPRA  SEDUG/KG   DRY WGT        680 L
34436 NITRSDPA  SEDUG/KG   DRY WGT        680 L
34441 NITRSDMA  SEDUG/KG   DRY WGT        680 L
34445 NAPTHALE  SEDUG/KG   DRY WGT        680 L
34450 NITROBEN  SEDUG/KG   DRY WGT        680 L
34464 PHENANTH  SEDUG/KG   DRY WGT        680 M
34472 PYRENE    SEDUG/KG   DRY WGT        680 L
34524 B2GHIPER  SEDUG/KG   DRY WGT        680 L
34529 BENZAANT  SEDUG/KG   DRY WGT        680 L
34539 12DCLBEN  SEDUG/KG   DRY WGT        680 L
34554 124TCBEN  SEDUG/KG   DRY WGT        680 L
34559 DBAHANTH  SEDUG/KG   DRY WGT        680 L
34569 13DCLBEN  SEDUG/KG   DRY WGT        680 L
34574 14DCLBEN  SEDUG/KG   DRY WGT        680 L
34584 2CLNAPTH  SEDUG/KG   DRY WGT        680 L
34599 DINOCTPH  SEDUG/KG   DRY WGT        680 L
34614 24DNTOLU  SEDUG/KG   DRY WGT        680 L
34629 26DNTOLU  SEDUG/KG   DRY WGT        680 L
34634 33DCBNZD  SEDUG/KG   DRY WGT       1700 L
34639 4BRPPETR  SEDUG/KG   DRY WGT        680 L
34644 4CLPPETR  SEDUG/KG   DRY WGT        680 L
39102 B2E PHTH  MLO-DRY     UG/KG         680 M
39112 DNB PHTH  MLO-DRY     UG/KG         680 L
39121 BENZIDIN  SEDUG/KG   DRY WGT       3400 L
39491 PCB-1221  SEDUG/KG   DRY WGT        100 L
39495 PCB-1232  SEDUG/KG   DRY WGT        100 L
39499 PCB-1242  SEDUG/KG   DRY WGT        100 L
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(SAMPLE CONTINUED ON NEXT PAGE)

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STORET RETRIEVAL DATE 85/04/12
 476567
35 58 25.7 084 20 15.1  1
SOUTHWEST OF OAK RIDGE COUNTRY CLUB
47145 TENNESSEE          ROANE
CLINCH RIVER BASIN        040102
EAST FORK POPLAR CREEK 5.74
132TVAC
        840706      DEPTH     0 DATA LOCKED AFTER 8405
/TYPA/AMENT/STREAM
INDEX 1021500  007720  00920  7930   0610   0080
MILES 0953.80 0046.50 567.70 012.00 005.47 005.74   .     .     .     .     .     .
(SAMPLE CONTINUED FROM PREVIOUS PAGE)
     INITIAL DATE                          84/06/21
     INITIAL TIME-DEPTH-BOTTOM             0930
39503 PCB-1248  SEDUG/KG   DRY WGT        100 U
39507 PCB-1254  SEDUG/KG   DRY WGT        100 U
39511 PCB-1260  SEDUG/KG   DRY WGT        100 U
39514 PCB-1016  SEDUG/KG   DRY WGT        100 U
39701 HCB       SEDUG/KG   DRY WGT        680 U
39705 HEXCLBD   SEDUG/KG   DRY WGT        680 U
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STORET RETRIEVAL DATE 85/04/12

476566
35 58 50.6 084 19 43.8 1
ADJACENT TO OAK RIDGE COUNTRY CLUB
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 6.72
132TVAC 840706
0000 FEET DEPTH CSN-RSP 0737283-0695426

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	70320 MOISTURE CONTENT PERCENT	70322 RESIDUE TOT VOL PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	81356 CATION EX. CAP. MEA/100G	71921 MERCURY SEDMG/KG DRY WGT	81756 TOT SED PARTSIZ% <.0005MM	80181 TOT SED PARTSIZE %<.002MM	80183 TOT SED PARTSIZE %<.008MM
84/06/19	15 30		435	D9	31	4.0	2.44	6.8	16.0	1.7	16.4	23.2
84/09/20	10 05		6169	D95	44		2.47					

DATE FROM TO	TIME OF DAY	DEPTH FEET	80184 TOT SED PARTSIZE %<.016MM	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80209 TOT SED SIEVE %<2.00MM	70281 SED PART 2000-635 0SIZ%TOT	70280 SED PART 500-2000 SIZE%TOT	70283 SED PART 125-500U SIZE%TOT	70282 SED PART 63-125U SIZE%TOT	71925 MERCURY 2000-635 0U MG/KG
84/06/19	15 30		24.0	26.1								
84/09/20	10 05			44.2	53.0	90.40	98.2	1.8	7.8	37.3	8.8	8.9

DATE FROM TO	TIME OF DAY	DEPTH FEET	71924 MERCURY 500-2000 U MG/KG	71923 MERCURY 125-500U MG/KG	71926 MERCURY 63-125 U MG/KG	00557 OIL-GRSE MUD FRGR MG/KG	00721 CYANIDE SEDMG/KG DRY WGT	01003 ARSENIC SEDMG/KG DRY WGT	01028 CD MUD DRY WGT MG/KG-CD	01029 CHROMIUM SEDMG/KG DRY WGT	01052 LEAD SEDMG/KG DRY WGT	01068 NICKEL SEDMG/KG DRY WGT
84/06/19	15 30						0.8U	6.6	0.5U	30	36	20
84/09/20	10 05		3.3	4.4	2.5							

DATE FROM TO	TIME OF DAY	DEPTH FEET	01078 SILVER SEDMG/KG DRY WGT	01163 ZR MUD DRY WGT MG/KG-ZR	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG	80329 MERCURY LT6.35MM SEDMG/KG
84/06/19	15 30		3.00	420.00					
84/09/20	10 05				21.00	17.9	12.4	11.6	11.6

STORET RETRIEVAL DATE 85/04/12

476566
35 58 50.6 084 19 43.8 1
ADJACENT TO OAK RIDGE COUNTRY CLUB
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 6.72
132TVAC 840706
0000 FEET DEPTH CSN-RSP 0737283-0695426

/TYPA/AGENT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	01507 ALPHA SEDIMENT PC/G	01508 ALPHA SED-ERR PC/G	03507 BETA SEDIMENT PC/G	03508 BETA SED-ERR PC/G	09507 RA-226 SEDIMENT PC/G	09508 RA-226 SED-ERR PC/G
84/06/19	15 30		435	D9			8.0	3.0	27	6	4.70	0.40
84/05/20	10 05		6169	D95								

DATE FROM TO	TIME OF DAY	DEPTH FEET	11506 RA-224 SEDIMENT PCI/G	11507 RA-224 SED-ERR PCI/G	11509 RA-223 SEDIMENT PCI/G	11509 RA-223 SEDIMENT ERROR	15505 SR-89 SEDIMENT PCI/G	15506 SR-89 SED-ERR PCI/G	15507 SR-90 SEDIMENT PCI/G	15508 SR-90 SED-ERR PCI/G	17509 PB-212 SEDIMENT PCI/G	17510 PB-212 SED-ERR PCI/G
84/06/19	15 30		0.59	0.09			0.5	0.4	0.0	0.1	0.61	0.05

DATE FROM TO	TIME OF DAY	DEPTH FEET	17511 PB-214 SEDIMENT PCI/G	17512 PB-214 SED-ERR PCI/G	21503 PA-233 SEDIMENT PCI/G	21504 PA-233 SED-ERR PCI/G	21505 MPA-234 SEDIMENT PCI/G	21506 MPA-234 SED-ERR PCI/G	21508 PA-234 SEDIMENT PCI/G	21509 PA-234 SEDIMENT ERROR	22016 PU-238 SEDIMENT PCI/G	22017 PU-238 SEDIMENT ERRO
84/06/19	15 30		0.34	0.04	0.040	0.010	7.0	1.0				

DATE FROM TO	TIME OF DAY	DEPTH FEET	22018 PU-239 SEDIMENT PCI/G	22019 PU-239 SEDIMENT ERRO	22200 BE-7 SEDIMENT PCI/G	22201 BE-7 SED-ERR PCI/G	22250 NA-22 SEDIMENT PCI/G	22251 NA-22 SED-ERR PCI/G	22300 K-40 SEDIMENT PCI/G	22301 K-40 SED-ERR PCI/G	22350 TL-208 SEDIMENT PCI/G	22351 TL-208 SED-ERR PCI/G
84/06/19	15 30				0.50	0.10			3.8	0.4	0.21	0.02

STORET RETRIEVAL DATE 85/03/01

476566
35 59 50.6 084 19 43.8 1
ADJACENT TO OAK RIDGE COUNTRY CLUB
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 5.72
132TVAC 840706
3000 FEET DEPTH CSN-RSP 0737283-0695426

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	22375 BI-212 SEDIMENT PCI/G	22376 BI-212 SED-ERR PCI/G	22377 BI-214 SEDIMENT PCI/G	22378 BI-214 SED-ERR PCI/G	22450 AM-241 SEDIMENT PCI/G	22451 AM-241 SEDIMENT ERRO	22475 CU-244 SEDMENT PCI/G	22476 CU-244 SEDIMENT ERRO	22507 TH-234 SEDIMENT PCI/G	22508 TH-234 SED-ERR PCI/G
84/06/19	15 30		0.8	0.1	0.32	0.04					3.9	0.5

DATE FROM TO	TIME OF DAY	DEPTH FEET	22608 URANIUM SEDIMENT UG/G	22609 URANIUM SED-ERR UG/G	22612 U-235 SEDIMENT PCI/G	22613 U-235 SED-ERR PCI/G	22503 THORIUM/ URANIUM RATIO	22504 TH-ALPHA TOT WAT PC/L	27999 RU-106 SEDIMENT PCI/	28000 RU-106 SEDIMENT ERROR	28416 CS-134 SEDIMENT PCI/G	28417 CS-134 SED-ERR PCI/G
84/06/19	15 30		10.00	2.00	0.27	0.06					0.240	0.020

DATE FROM TO	TIME OF DAY	DEPTH FEET	28418 CS-137 SEDIMENT PCI/G	28419 CS-137 SED-ERR PCI/G	29604 CO-60 SEDIMENT PCI/G	29605 CO-60 SED-ERR PCI/G	29650 EU-152 SEDIMENT PCI/G	29651 EU-152 SEDIMENT ERRO	29652 EU-154 SEDIMENT PCI/G	29653 EU-154 SEDIMENT ERRO	25503 AC-228 SEDIMENT PCI/G	25504 AC-228 SED-ERR PCI/G
84/06/19	15 30		2.3	0.2	0.840	0.080					0.6	0.1

```
STORET RETRIEVAL DATE 95/04/12
 476566
35 58 50.6 084 19 43.8  1
ADJACENT TO OAK RIDGE COUNTRY CLUB
47145 TENNESSEE          ROANE
CLINCH RIVER BASIN        040102
EAST FORK POPLAR CREEK 6.72
132TVAC
        840706      DEPTH     0 DATA LOCKED AFTER 8405
/TYPA/AMBNT/STREAM
INDEX 1021500  007720  00920  7930   0610   0080
MILES 0553.80 0046.50 567.70 012.00 005.47 006.72   .     .     .     .     .     .
     INITIAL DATE                          84/06/19
     INITIAL TIME-DEPTH-BOTTOM             1530
34223 ANTHRACE  SEDUG/KG   DRY WGT        660 L
34233 BENZBFLU  ORANTMUD  DRYUG/KG        660 L
34245 BENZKFLU  SEDUG/KG   DRY WGT        660 L
34250 BENZAPYR  SEDUG/KG   DRY WGT        660 L
34276 B2CETETR  SEDUG/KG   DRY WGT        660 U
34281 B2CETOXM  SEDUG/KG   DRY WGT        660 L
34286 B2CIPETR  SEDUG/KG   DRY WGT        660 L
34295 NBB PHTH  MUD-DRY     UG/KG         660 L
34323 CHRYSENE  SEDUG/KG   DRY WGT        660 L
34339 DETHPHTH  SEDUG/KG   DRY WGT        660 U
34344 DMETPHTH  SEDUG/KG   DRY WGT        660 L
34349 12DPHNHY  SEDUG/KG   DRY WGT        660 L
34379 FLANTENE  SEDUG/KG   DRY WGT        660 M
34384 FLUORENE  SEDUG/KG   DRY WGT        660 L
34389 HEXCLCPD  SEDUG/KG   DRY WGT        660 L
34399 HEXACLET  SEDUG/KG   DRY WGT        660 L
34406 I123CDPR  SEDUG/KG   DRY WGT        660 L
34411 ISPHRONE  SEDUG/KG   DRY WGT        660 L
34431 NITCNPRA  SEDUG/KG   DRY WGT        660 L
34436 NITRSDPA  SEDUG/KG   DRY WGT        660 U
34441 NITRSDMA  SEDUG/KG   DRY WGT        660 L
34445 NAPTHALE  SEDUG/KG   DRY WGT        660 L
34450 NITROBEN  SEDUG/KG   DRY WGT        660 U
34464 PHENANTH  SEDUG/KG   DRY WGT        660 M
34472 PYRENE    SEDUG/KG   DRY WGT        660 M
34524 BZGHIPER  SEDUG/KG   DRY WGT        660 L
34529 BENZAANT  SEDUG/KG   DRY WGT        660 L
34539 12DCLBEN  SEDUG/KG   DRY WGT        660 L
34554 124TCBEN  SEDUG/KG   DRY WGT        660 L
34559 CBAHANTH  SEDUG/KG   DRY WGT        660 U
34569 13DCLBEN  SEDUG/KG   DRY WGT        660 L
34574 14DCLBEN  SEDUG/KG   DRY WGT        660 L
34584 2CLNAPTH  SEDUG/KG   DRY WGT        660 L
34599 DINOCTPH  SEDUG/KG   DRY WGT        660 U
34614 24DNTOLU  SEDUG/KG   DRY WGT        660 L
34629 26DNTOLU  SEDUG/KG   DRY WGT        660 L
34634 33DCBNZD  SEDUG/KG   DRY WGT       1600 L
34639 4BRPPETR  SEDUG/KG   DRY WGT        660 L
34644 4CLPPETR  SEDUG/KG   DRY WGT        660 L
39102 B2E PHTH  MUD-DRY     UG/KG         710
39112 DNB PHTH  MUD-DRY     UG/KG         660 L
39121 BENZIDIN  SEDUG/KG   DRY WGT       3300 L
39491 PCB-1221  SEDUG/KG   DRY WGT        100 L
39495 PCB-1232  SEDUG/KG   DRY WGT        100 L
39499 PCB-1242  SEDUG/KG   DRY WGT        100 L
(SAMPLE CONTINUED ON NEXT PAGE)
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STORET RETRIEVAL DATE 85/04/12
 476566
35 58 50.6 084 19 43.8  1
ADJACENT TO OAK RIDGE COUNTRY CLUB
47145 TENNESSEE          RCANE
CLINCH RIVER BASIN        040102
EAST FORK POPLAR CREEK 6.72
132TVAC
        840706      DEPTH     0 DATA LOCKED AFTER 8405
/TYPA/AGENT/STREAM
INDEX 1021500  007720  00920  7930   0610   0080
MILES 0953.80 0046.50 567.70 012.00 005.47 006.72   .     .     .     .     .     .
(SAMPLE CONTINUED FROM PREVIOUS PAGE)
     INITIAL DATE                          84/06/19
     INITIAL TIME-DEPTH-BOTTOM             1530
39503 PCB-1248   SEDUG/KG    DRY WGT        100 U
39507 PCB-1254   SEDUG/KG    DRY WGT        100 U
39511 PCB-1260   SEDUG/KG    DRY WGT        100 U
39514 PCB-1016   SEDUG/KG    DRY WGT        100 U
39701 HCB        SEDUG/KG    DRY WGT        660 U
39705 HEXCLBD    SEDUG/KG    DRY WGT        660 U
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STORET RETRIEVAL DATE 85/04/12

476565
35 59 13.0 084 19 15.4 1
0.25 MILES SW OF ANDERSON-ROANE COUNTY LINE
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 7.95
132TVAC 840706
0000 FEET DEPTH CSN-RSP 0737282-0695425

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	70320 MOISTURE CONTENT PERCENT	70322 RESIDUE TOT VOL PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	81356 CATION EX. CAP. MEA/100G	71921 MERCURY SEDMG/KG DRY WGT	81756 TOT SED PARTSIZ% <.0005MM	80181 TOT SED PARTSIZE %<.002MM	80183 TOT SED PARTSIZE %<.008MM
84/06/19	14 30		434	DB	40	6.0	2.54	8.3	32.0	10.7	17.2	26.2
	14 31		4051207R	DBX								
	15 00		456	A	37		2.30					
	15 02		460	AD	37		2.39					
	15 05		457	B	63		2.27					

DATE FROM TO	TIME OF DAY	DEPTH FEET	80184 TOT SED PARTSIZE %<.016MM	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	00557 OIL-GRSE MUD FRGR MG/KG	00721 CYANIDE SEDMG/KG DRY WGT	01003 ARSENIC SEDMG/KG DRY WGT	01028 CD MUD DRY WGT MG/KG-CD	01029 CHROMIUM SEDMG/KG DRY WGT
84/06/19	14 30		32.4	41.0					0.8U	5.4	1.1	45
	15 00			18.1		45.20	87.3					
	15 02			31.9		40.90	84.4					
	15 05			33.7		75.60	87.9					

DATE FROM TO	TIME OF DAY	DEPTH FEET	01078 SILVER SEDMG/KG DRY WGT	01163 ZR MUD DRY WGT MG/KG-ZR	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG	80329 MERCURY LT6.35MM SEDMG/KG	01052 LEAD SEDMG/KG DRY WGT	01068 NICKEL SEDMG/KG DRY WGT
84/06/19	14 30		5.00	430.00						98	36
	15 00				57.00A		25.0A				
	15 02				59.00A		25.0A				
	15 05				38.00		34.0				

STORET RETRIEVAL DATE 85/04/12

476565
35 59 13.0 084 19 15.4 1
0.25 MILES SW OF ANDERSON-ROANE COUNTY LINE
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 060102
EAST FORK POPLAR CREEK 7.95
132TVAC 840706
0000 FEET DEPTH CSN-RSP 0737282-0695425

/TYPA/APENT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	01507 ALPHA SEDIMENT PC/G	01508 ALPHA SED-ERR PC/G	03507 BETA SEDIMENT PC/G	03508 BETA SED-ERR PC/G	09507 RA-226 SEDIMENT PC/G	09508 RA-226 SED-ERR PC/G
84/06/19	14 30		434	D8			2.9	0.9	22	4		
	14 31		4051207R	D8X			6.0	1.0	60	10		
	15 00		456	A	1.0	9.0						
	15 02		460	AD	1.05	9.05						
	15 05		457	B	10.0	18.0						

DATE FROM TO	TIME OF DAY	DEPTH FEET	11506 RA-224 SEDIMENT PCI/G	11507 RA-224 SED-ERR PCI/G	11508 RA-223 SEDIMENT PCI/G	11509 RA-223 SEDIMENT ERROR	15505 SR-89 SEDIMENT PCI/G	15506 SR-89 SED-ERR PCI/G	15507 SR-90 SEDIMENT PCI/G	15508 SR-90 SED-ERR PCI/G	17509 PB-212 SEDIMENT PCI/G	17510 PB-212 SED-ERR PCI/G
84/06/19	14 30				1.80	0.60	0.6	0.5	0.0	0.2		
	14 31						0.2	0.4	0.1	0.1		

DATE FROM TO	TIME OF DAY	DEPTH FEET	17511 PB-214 SEDIMENT PCI/G	17512 PB-214 SED-ERR PCI/G	21503 PA-233 SEDIMENT PCI/G	21504 PA-233 SED-ERR PCI/G	21505 MPA-234 SEDIMENT PCI/G	21506 MPA-234 SED-ERR PCI/G	21508 PA-234 SEDIMENT PCI/G	21509 PA-234 SEDIMENT ERROR	22016 PU-238 SEDIMENT PCI/G	22017 PU-238 SEDIMENT ERRC
84/06/19	14 30						9.0	4.0				
	14 31				0.280	0.070	32.0	8.0				

DATE FROM TO	TIME OF DAY	DEPTH FEET	22608 URANIUM SEDIMENT UG/G	22609 URANIUM SED-ERR UG/G	22612 U-235 SEDIMENT PCI/G	22613 U-235 SED-ERR PCI/G	22503 THORIUM/ URANIUM RATIO	22504 TH-ALPHA TOT WAT PC/L	27999 RU-106 SEDIMENT PCI/	28000 RU-106 SEDIMENT ERROR	28416 CS-134 SEDIMENT PCI/G	28417 CS-134 SED-ERR PCI/G
84/06/15	14 30		9.00	2.00							0.420	0.050
	14 31		29.00	4.00	2.60	0.50					0.050	0.020

STORET RETRIEVAL DATE 85/04/12

476565
35 59 13.0 084 19 15.4 1
0.25 MILES SW OF ANDERSON-ROANE COUNTY LINE
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 7.95
132TVAC 840706
0000 FEET DEPTH CSN-RSP 0737282-0695425

/TYPA/AMENT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	28418 CS-137 SEDIMENT PCI/G	28419 CS-137 SED-ERR PCI/G	29604 CO-60 SEDIMENT PCI/G	29605 CO-60 SED-ERR PCI/G	29650 EU-152 SEDIMENT PCI/G	29651 EU-152 SEDIMENT ERRO	29652 EU-154 SEDIMENT PCI/G	29653 EU-154 SEDIMENT ERRO
84/06/19	14	30			2.200	0.200				
	14	31			0.300	0.070				

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STORET RETRIEVAL DATE 85/04/12
 476565
35 59 12.0 084 19 15.4  1
0.25 MILES SW OF ANDERSON-ROANE COUNTY LINE
47145 TENNESSEE          ROANE
CLINCH RIVER BASIN        040102
EAST FORK POPLAR CREEK 7.95
132TVAC
        840706      DEPTH     0 DATA LOCKED AFTER 8405
/TYPA/APENT/STREAM
INDEX 1C2150C  007720  00920  793C   0610   0C80
MILES 0553.80 0046.50 567.70 012.00 005.47 007.95   .     .     .     .     .     .
     INITIAL DATE                              84/06/19
     INITIAL TIME-DEPTH-BOTTOM                 1430
34223 ANTHRACE  SEDUG/KG   DRY WGT      700 M
34233 BENZBFLU  ORANTMUD  DRYUG/KG      700 L
34245 BENZKFLU  SEDUG/KG   DRY WGT      700 L
34250 BENZAPYR  SEDUG/KG   DRY WGT      700 L
34276 B2CETETR  SEDUG/KG   DRY WGT      700 L
34281 B2CETOXM  SEDUG/KG   DRY WGT      700 L
34286 B2CIPETR  SEDUG/KG   DRY WGT      700 L
34295 NBB PHTH  MUD-DRY     UG/KG       700 L
34323 CHRYSENE  SEDUG/KG   DRY WGT      700 L
34339 DETHPHTH  SEDUG/KG   DRY WGT      700 L
34344 DMETPHTH  SEDUG/KG   DRY WGT      700 L
34349 12DPHNHY  SEDUG/KG   DRY WGT      700 L
34379 FLANTENE  SEDUG/KG   DRY WGT      700 M
34384 FLUORENE  SEDUG/KG   DRY WGT      700 L
34389 HEXCLCPD  SEDUG/KG   DRY WGT      700 L
34399 HEXACLET  SEDUG/KG   DRY WGT      700 L
34406 I123CDPR  SEDUG/KG   DRY WGT      700 L
34411 ISPHRONE  SEDUG/KG   DRY WGT      700 L
34431 NITCNPRA  SEDUG/KG   DRY WGT      700 L
34436 NITRSDPA  SEDUG/KG   DRY WGT      700 L
34441 NITRSDMA  SEDUG/KG   DRY WGT      700 L
34445 NAPTHALE  SEDUG/KG   DRY WGT      700 L
34450 NITROBEN  SEDUG/KG   DRY WGT      700 L
34464 PHENANTH  SEDUG/KG   DRY WGT      700 M
34472 PYRENE    SEDUG/KG   DRY WGT      700 L
34524 BZGHIPER  SEDUG/KG   DRY WGT      700 L
34529 BENZAANT  SEDUG/KG   DRY WGT      700 L
34539 12DCLBEN  SEDUG/KG   DRY WGT      700 L
34554 124TCBEN  SEDUG/KG   DRY WGT      700 L
34559 CBAHANTH  SEDUG/KG   DRY WGT      700 L
34569 13DCLBEN  SEDUG/KG   DRY WGT      700 L
34574 14DCLBEN  SEDUG/KG   DRY WGT      700 L
34584 2CLNAPTH  SEDUG/KG   DRY WGT      700 L
34599 CINOCTPH  SEDUG/KG   DRY WGT      700 L
34614 24DNTOLU  SEDUG/KG   DRY WGT      700 L
34629 26DNTOLU  SEDUG/KG   DRY WGT      700 L
34634 33DCBNZD  SEDUG/KG   DRY WGT     1800 L
34639 4BRPPETR  SEDUG/KG   DRY WGT      700 L
34644 4CLPPETR  SEDUG/KG   DRY WGT      700 L
39102 B2E PHTH  MLD-DRY     UG/KG       700
39112 CNB PHTH  MLD-DRY     UG/KG       700 L
39121 BENZIDIN  SEDUG/KG   DRY WGT     3500 L
39491 PCB-1221  SEDUG/KG   DRY WGT      100 L
39495 PCB-1232  SEDUG/KG   DRY WGT      100 L
39499 PCB-1242  SEDUG/KG   DRY WGT      100 L
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(SAMPLE CONTINUED ON NEXT PAGE)

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STORET RETRIEVAL DATE 85/04/12
 476565
35 59 13.0 084 19 15.4  1
0.25 MILES SW OF ANDERSON-ROANE COUNTY LINE
47145 TENNESSEE          ROANE
CLINCH RIVER BASIN        040102
EAST FORK POPLAR CREEK 7.95
132TVAC
        840706      DEPTH     0 DATA LOCKED AFTER 8405
/TYPA/AMENT/STREAM
INDEX 1021500  007720  00920  7930   0610   0080
MILES 0953.80 0046.50 567.70 012.00 005.47 007.95   .    .    .    .    .    .
(SAMPLE CONTINUED FROM PREVIOUS PAGE)
     INITIAL DATE                          84/06/15
     INITIAL TIME-DEPTH-BOTTOM             1430
39503 PCB-1248  SEDUG/KG   DRY WGT        100 L
39507 PCB-1254  SEDUG/KG   DRY WGT        100 L
39511 PCB-1260  SEDUG/KG   DRY WGT        200
39514 PCB-1016  SEDUG/KG   DRY WGT        100 L
39701 HCB       SEDUG/KG   DRY WGT        700 L
39705 HEXCLBD   SEDUG/KG   DRY WGT        700 L
```

STORET RETRIEVAL DATE 85/04/12

476554
35 59 37.1 084 18 34.2 1
1 MILE ABOVE ANDERSON-ROANE COUNTY LINE
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 9.21
132TVAC 840706
0000 FEET DEPTH CSN-RSP 0737281-0695424

/TYPA/APENT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	70320 MOISTURE CONTENT PERCENT	70322 RESIDUE TOT VOL PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	81356 CATION EX. CAP. MEA/100G	71921 MERCURY SEDMG/KG DRY WGT	81756 TOT SED PARTSIZ% <.0005MM	80181 TOT SED PARTSIZE %<.002MM	80183 TOT SED PARTSIZE %<.008MM
84/06/19	13 15		433	D7	34	4.4	2.80	8.2	31.0	8.9	16.1	26.0

DATE FROM TO	TIME OF DAY	DEPTH FEET	80184 TOT SED PARTSIZE %<.016MM	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	00557 OIL-GRSE MUD FRGR MG/KG	00721 CYANIDE SEDMG/KG DRY WGT	01003 ARSENIC SEDMG/KG DRY WGT	01028 CD MUD DRY WGT MG/KG-CD	01029 CHROMIUM SEDMG/KG DRY WGT
84/06/19	13 15		30.6	40.3					0.8U	6.2	1.1	26

DATE FROM TO	TIME OF DAY	DEPTH FEET	01052 LEAD SEDMG/KG DRY WGT	01068 NICKEL SEDMG/KG DRY WGT	01078 SILVER SEDMG/KG DRY WGT	01163 ZR MUD DRY WGT MG/KG-ZR
84/06/19	13 15		55	32	4	470

STORET RETRIEVAL DATE 85/04/12

476564
35 59 37.1 084 18 34.2 1
1 MILE ABOVE ANDERSON-ROANE COUNTY LINE
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 9.21
132TVAC 840706
0000 FEET DEPTH CSN-RSP 0737281-0695424

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	01507 ALPHA SEDIMENT PC/G	01508 ALPHA SED-ERR PC/G	03507 BETA SEDIMENT PC/G	03508 BETA SED-ERR PC/G	09507 RA-226 SEDIMENT PC/G	09508 RA-226 SED-ERR PC/G
84/06/19	13 15		433	D7			14.0	2.0	33	7		

DATE FROM TO	TIME OF DAY	DEPTH FEET	11506 RA-224 SEDIMENT PCI/G	11507 RA-224 SED-ERR PCI/G	11508 RA-223 SEDIMENT PCI/G	11509 RA-223 SEDIMENT ERROR	15505 SR-89 SEDIMENT PCI/G	15506 SR-89 SED-ERR PCI/G	15507 SR-90 SEDIMENT PCI/G	15508 SR-90 SED-ERR PCI/G	17509 PB-212 SEDIMENT PCI/G	17510 PB-212 SED-ERR PCI/G
84/06/19	13 15				1.30	0.40	0.7	0.4	0.1M	0.1	1.30	0.20

DATE FROM TO	TIME OF DAY	DEPTH FEET	17511 PB-214 SEDIMENT PCI/G	17512 PB-214 SED-ERR PCI/G	21503 PA-233 SEDIMENT PCI/G	21504 PA-233 SED-ERR PCI/G	21505 MPA-234 SEDIMENT PCI/G	21506 MPA-234 SED-ERR PCI/G	21508 PA-234 SEDIMENT PCI/G	21509 PA-234 SEDIMENT ERROR	22015 PU-238 SEDIMENT PCI/G	22017 PU-238 SEDIMENT ERRO
84/06/19	13 15		0.59	0.08								

STORET RETRIEVAL DATE 85/05/01

476564
35 59 37.1 084 19 34.2 1
1 MILE ABOVE ANDERSON-ROANE COUNTY LINE
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 9.21
132TVAC 840706
0000 FEET DEPTH CSN-RSP 0737281-0695424

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	22018 PU-239 SEDIMENT PCI/G	22019 PU-239 SEDIMENT ERRO	22200 BE-7 SEDIMENT PCI/G	22201 BE-7 SED-ERR PCI/G	22250 NA-22 SEDIMENT PCI/G	22251 NA-22 SED-ERR PCI/G	22300 K-40 SEDIMENT PCI/G	22301 K-40 SED-ERR PCI/G	22350 TL-208 SEDIMENT PCI/G	22351 TL-208 SED-ERR PCI/G
84/06/19	13 15				0.20	0.20			8.0	1.0	0.45	0.06

DATE FROM TO	TIME OF DAY	DEPTH FEET	22375 BI-212 SEDIMENT PCI/G	22376 BI-212 SED-ERR PCI/G	22377 BI-214 SEDIMENT PCI/G	22378 BI-214 SED-ERR PCI/G	22450 AM-241 SEDIMENT PCI/G	22451 AM-241 SEDIMENT ERRO	22475 CU-244 SEDMENT PCI/G	22476 CU-244 SEDIMENT ERRO	22507 TH-234 SEDIMENT PCI/G	22508 TH-234 SED-ERR PCI/G
84/06/19	13 15		1.5	0.4	0.52	0.09					4.9	0.7

DATE FROM TO	TIME OF DAY	DEPTH FEET	22608 URANIUM SEDIMENT UG/G	22609 URANIUM SED-ERR UG/G	22612 U-235 SEDIMENT PCI/G	22613 U-235 SED-ERR PCI/G	22503 THORIUM/ URANIUM RATIO	22504 TH-ALPHA TOT WAT PC/L	27999 RU-106 SEDIMENT PCI/	28000 RU-106 SEDIMENT ERROR	28416 CS-134 SEDIMENT PCI/G	28417 CS-134 SED-ERR PCI/G
84/06/19	13 15		8.00	2.00								

DATE FROM TO	TIME OF DAY	DEPTH FEET	28418 CS-137 SEDIMENT PCI/G	28419 CS-137 SED-ERR PCI/G	29604 CO-60 SEDIMENT PCI/G	29605 CO-60 SED-ERR PCI/G	29650 EU-152 SEDIMENT PCI/G	29651 EU-152 SEDIMENT ERRO	29652 EU-154 SEDIMENT PCI/G	29653 EU-154 SEDIMENT ERRO	25503 AC-228 SEDIMENT PCI/G	25504 AC-228 SED-ERR PCI/G
84/06/19	13 15		0.8	0.1							1.0	0.1

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STORET RETRIEVAL DATE 85/04/12
 476564
35 59 37.1 084 18 34.2  1
1 MILE ABOVE ANDERSON-ROANE COUNTY LINE
47001 TENNESSEE          ANDERSON
CLINCH RIVER BASIN        040102
EAST FORK POPLAR CREEK 9.21
132TVAC
        840706      DEPTH     0 DATA LOCKED AFTER 8405
/TYPA/AMBNT/STREAM
INDEX 1021500  007720  00920  7930   0610   0080
MILES 0952.80 0046.50 567.70 012.00 005.47 009.21   .    .    .    .    .    .
     INITIAL DATE                          84/06/19
     INITIAL TIME-DEPTH-BOTTOM             1315
34223 ANTHRACE  SEDUG/KG   DRY WGT        670 M
34233 BENZBFLU  ORANTMUD  DRYUG/KG        670 L
34245 BENZKFLU  SEDUG/KG   DRY WGT        670 L
34250 BENZAPYR  SEDUG/KG   DRY WGT        670 M
34276 B2CETETR  SEDUG/KG   DRY WGT        670 L
34281 B2CETOXM  SEDUG/KG   DRY WGT        670 L
34286 B2CIPETR  SEDUG/KG   DRY WGT        670 L
34295 NBB PHTH  MUD-DRY     UG/KG         670 L
34323 CHRYSENE  SEDUG/KG   DRY WGT        670 M
34339 DETHPHTH  SEDUG/KG   DRY WGT        670 L
34344 DMETPHTH  SEDUG/KG   DRY WGT        670 L
34349 12DPHNHY  SEDUG/KG   DRY WGT        670 L
34379 FLANTENE  SEDUG/KG   DRY WGT       1000
34384 FLUORENE  SEDUG/KG   DRY WGT        670 L
34389 HEXCLCPD  SEDUG/KG   DRY WGT        670 L
34399 HEXACLET  SEDUG/KG   DRY WGT        670 L
34406 I123CDPR  SEDUG/KG   DRY WGT        670 L
34411 ISPHRONE  SEDUG/KG   DRY WGT        670 L
34431 NITCNPRA  SEDUG/KG   DRY WGT        670 L
34436 NITRSDPA  SEDUG/KG   DRY WGT        670 L
34441 NITRSDMA  SEDUG/KG   DRY WGT        670 L
34445 NAPTHALE  SEDUG/KG   DRY WGT        670 L
34450 NITROBEN  SEDUG/KG   DRY WGT        670 L
34464 PHENANTH  SEDUG/KG   DRY WGT        670 M
34472 PYRENE    SEDUG/KG   DRY WGT        850
34524 BZGHIPER  SEDUG/KG   DRY WGT        670 L
34529 BENZAANT  SEDUG/KG   DRY WGT        670 M
34539 12DCLBEN  SEDUG/KG   DRY WGT        670 L
34554 124TCBEN  SEDUG/KG   DRY WGT        670 L
34559 CBAPANTH  SEDUG/KG   DRY WGT        670 L
34569 13DCLBEN  SEDUG/KG   DRY WGT        670 L
34574 14DCLBEN  SEDUG/KG   DRY WGT        670 L
34584 2CLNAPTH  SEDUG/KG   DRY WGT        670 L
34599 DINCCTFM  SEDUG/KG   DRY WGT        670 L
34614 24DNTOLU  SEDUG/KG   DRY WGT        670 L
34629 26DNTOLU  SEDUG/KG   DRY WGT        670 L
34634 33DCBNZD  SEDUG/KG   DRY WGT       1700 L
34635 4BRFPETR  SEDUG/KG   DRY WGT        670 L
34644 4CLFPETR  SEDUG/KG   DRY WGT        670 L
39102 B2E PHTH  MUD-DRY     UG/KG         870
39112 CNB PHTH  MUD-DRY     UG/KG         670 L
39121 BENZIDIN  SEDUG/KG   DRY WGT       3400 L
39491 PCB-1221  SEDUG/KG   DRY WGT        100 L
39495 PCB-1232  SEDUG/KG   DRY WGT        100 L
39499 PCB-1242  SEDUG/KG   DRY WGT        100 L
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(SAMPLE CONTINUED ON NEXT PAGE)

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STORET RETRIEVAL DATE 85/04/12
 476564
35 59 37.1 084 18 34.2  1
1 MILE ABOVE ANDERSON-ROANE COUNTY LINE
47001 TENNESSEE          ANDERSON
CLINCH RIVER BASIN        040102
EAST FORK POPLAR CREEK 9.21
132TVAC
        840706     DEPTH     0 DATA LOCKED AFTER 8405
/TYPA/AMENT/STREAM
INDEX 1021500  007720  00920  793C   061C   0C80
MILES 0553.80 0046.50 567.70 012.00 005.47 005.21   .     .     .     .     .     .
(SAMPLE CONTINUED FROM PREVIOUS PAGE)
     INITIAL DATE                          84/06/19
     INITIAL TIME-DEPTH-BOTTOM             1315
39503 PCB-1248  SEDUG/KG   DRY WGT        100 L
39507 PCB-1254  SEDUG/KG   DRY WGT        100 L
39511 PCB-1260  SEDUG/KG   DRY WGT        100 L
39514 PCB-1016  SEDUG/KG   DRY WGT        100 L
39701 HCB       SEDUG/KG   DRY WGT        670 L
39705 HEXCLBD   SEDUG/KG   DRY WGT        670 L
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STORET RETRIEVAL DATE 85/04/12

476508
35 59 55.0 084 18 00.6 1
BRIDGE AT WILTSHIRE
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 10.0
132TVAC 840601
0000 FEET DEPTH CSN-RSP 0735369-0695324

/TYPA/AGENT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	70320 MOISTURE CONTENT PERCENT	70322 RESIDUE TOT VOL PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	81356 CATION EX. CAP. MEA/100G	71921 MERCURY SEDMG/KG DRY WGT	81756 TOT SED PARTSIZ% <.0005MM	80181 TOT SED PARTSIZE %<.002MM	80183 TOT SED PARTSIZE %<.008MM
84/06/19	12 00		482	06	35	4.8	2.91	7.7	51.0	9.3	16.9	27.6

DATE FROM TO	TIME OF DAY	DEPTH FEET	80184 TOT SED PARTSIZE %<.016MM	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	00557 OIL-GRSE MUD FRGR MG/KG	00721 CYANIDE SEDMG/KG DRY WGT	01003 ARSENIC SEDMG/KG DRY WGT	01028 CD MUD DRY WGT MG/KG-CD	01029 CHROMIUM SEDMG/KG DRY WGT
84/06/19	12 00		33.1	42.2					0.8U	7.6	1.8	49

DATE FROM TO	TIME OF DAY	DEPTH FEET	01052 LEAD SEDMG/KG DRY WGT	01068 NICKEL SEDMG/KG DRY WGT	01078 SILVER SEDMG/KG DRY WGT	01163 ZR MUD DRY WGT MG/KG-ZR
84/06/19	12 00		170	47	6	380

STORET RETRIEVAL DATE 85/04/12

476508
35 59 55.0 084 18 09.6 1
BRIDGE AT WILTSHIRE
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 10.0
132TVAC 840601
0000 FEET DEPTH CSN-RSP 0735369-0695324

/TYPA/APENT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	01507 ALPHA SEDIMENT PC/G	01508 ALPHA SED-ERR PC/G	03507 BETA SEDIMENT PC/G	03508 BETA SED-ERR PC/G	09507 RA-226 SEDIMENT PC/G	09508 RA-226 SED-ERR PC/G
84/06/19	12 00		482	D6			16.0	5.0	50	10		

DATE FROM TO	TIME OF DAY	DEPTH FEET	11506 RA-224 SEDIMENT PCI/G	11507 RA-224 SED-ERR PCI/G	11508 RA-223 SEDIMENT PCI/G	11509 RA-223 SEDIMENT ERROR	15505 SR-89 SEDIMENT PCI/G	15506 SR-89 SED-ERR PCI/G	15507 SR-90 SEDIMENT PCI/G	15508 SR-90 SED-ERR PCI/G	17509 PB-212 SEDIMENT PCI/G	17510 PB-212 SED-ERR PCI/G
84/06/19	12 00				1.90	0.40	0.3	0.3	0.0	0.1	2.00	0.30

DATE FROM TO	TIME OF DAY	DEPTH FEET	17511 PB-214 SEDIMENT PCI/G	17512 PB-214 SED-ERR PCI/G	21503 PA-233 SEDIMENT PCI/G	21504 PA-233 SED-ERR PCI/G	21505 MPA-234 SEDIMENT PCI/G	21506 MPA-234 SED-ERR PCI/G	21508 PA-234 SEDIMENT PCI/G	21509 PA-234 SEDIMENT ERROR	22015 PU-238 SEDIMENT PCI/G	22017 PU-238 SEDIMENT ERRO
84/06/19	12 00		0.70	0.10			10.0	4.0				

STORET RETRIEVAL DATE 85/05/01

476508
35 59 55.0 084 19 00.6 1
BRIDGE AT WILTSHIRE
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 10.0
132TVAC 840601
0000 FEET DEPTH CSN-RSP 0735369-0695324

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	22018 PU-239 SEDIMENT PCI/G	22019 PU-239 SEDIMENT ERRO	22200 BE-7 SEDIMENT PCI/G	22201 BE-7 SED-ERR PCI/G	22250 NA-22 SEDIMENT PCI/G	22251 NA-22 SED-ERR PCI/G	22300 K-40 SEDIMENT PCI/G	22301 K-40 SED-ERR PCI/G	22350 TL-208 SEDIMENT PCI/G	22351 TL-208 SED-ERR PCI/G
84/06/19	12 00				2.00	0.40			9.0	1.0	0.71	0.08

DATE FROM TO	TIME OF DAY	DEPTH FEET	22375 BI-212 SEDIMENT PCI/G	22376 BI-212 SED-ERR PCI/G	22377 BI-214 SEDIMENT PCI/G	22378 BI-214 SED-ERR PCI/G	22450 AM-241 SEDIMENT PCI/G	22451 AM-241 SEDIMENT ERRO	22475 CU-244 SEDMENT PCI/G	22476 CU-244 SEDIMENT ERRO	22507 TH-234 SEDIMENT PCI/G	22508 TH-234 SED-ERR PCI/G
84/06/19	12 00		2.6	0.5	0.60	0.10					7.0	1.0

DATE FROM TO	TIME OF DAY	DEPTH FEET	22608 URANIUM SEDIMENT UG/G	22609 URANIUM SED-ERR UG/G	22612 U-235 SEDIMENT PCI/G	22613 U-235 SED-ERR PCI/G	22503 THORIUM/ URANIUM RATIO	22504 TH-ALPHA TOT WAT PC/L	27999 RU-106 SEDIMENT PCI/	28000 RU-106 SEDIMENT ERROR	28416 CS-134 SEDIMENT PCI/G	28417 CS-134 SED-ERR PCI/G
84/06/19	12 00		18.00	3.00								

DATE FROM TO	TIME OF DAY	DEPTH FEET	28418 CS-137 SEDIMENT PCI/G	28419 CS-137 SED-ERR PCI/G	29604 CO-60 SEDIMENT PCI/G	29605 CO-60 SED-ERR PCI/G	29650 EU-152 SEDIMENT PCI/G	29651 EU-152 SEDIMENT ERRO	29652 EU-154 SEDIMENT PCI/G	29653 EU-154 SEDIMENT ERRO	25503 AC-228 SEDIMENT PCI/G	25504 AC-228 SED-ERR PCI/G
84/06/19	12 00		1.5	0.1							1.5	0.3

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STORET RETRIEVAL DATE 85/04/12
 476500
35 59 55.0 084 18 00.6  1
BRIDGE AT WILTSHIRE
47001 TENNESSEE          ANDERSON
CLINCH RIVER BASIN        040102
EAST FORK POPLAR CREEK 10.0
132TVAC
        840601      DEPTH     0 DATA LOCKED AFTER 8405
/TYPA/AMENT/STREAM
INDEX 1021500  007720  00920  7930   0510   0080
MILES 0953.80 0046.50 567.70 012.00 005.47 010.00   .     .     .     .     .     .
     INITIAL DATE                          84/06/19
     INITIAL TIME-DEPTH-BOTTOM             1200
34223 ANTHRACE  SEDUG/KG   DRY WGT        700 M
34233 BENZBFLU  ORANTMUD  DRYUG/KG        700 L
34245 BENZKFLU  SEDUG/KG   DRY WGT        700 L
34250 BENZAPYR  SEDUG/KG   DRY WGT        700 L
34276 B2CETETR  SEDUG/KG   DRY WGT        700 L
34281 B2CETOXM  SEDUG/KG   DRY WGT        700 L
34286 B2CIPETR  SEDUG/KG   DRY WGT        700 L
34295 NBE PHTH  MLD-DRY     LG/KG         700 L
34323 CHRYSENE  SEDUG/KG   DRY WGT        700 M
34339 DETHPHTH  SEDUG/KG   DRY WGT        700 L
34344 DMETPHTH  SEDUG/KG   DRY WGT        700 L
34349 12DPHNHY  SEDUG/KG   DRY WGT        700 L
34379 FLANTENE  SEDUG/KG   DRY WGT       1000
34384 FLUORENE  SEDUG/KG   DRY WGT        700 L
34389 HEXCLCPD  SEDUG/KG   DRY WGT        700 L
34399 HEXACLET  SEDUG/KG   DRY WGT        700 L
34406 I123CDPR  SEDUG/KG   DRY WGT        700 L
34411 ISPHRONE  SEDUG/KG   DRY WGT        700 L
34431 NITCNPRA  SEDUG/KG   DRY WGT        700 L
34436 NITRSDPA  SEDUG/KG   DRY WGT        700 L
34441 NITRSDMA  SEDUG/KG   DRY WGT        700 L
34445 NAPTHALE  SEDUG/KG   DRY WGT        700 L
34450 NITROBEN  SEDUG/KG   DRY WGT        700 L
34464 PHENANTH  SEDUG/KG   DRY WGT        700 M
34472 PYRENE    SEDUG/KG   DRY WGT        860
34524 BZGHIPER  SEDUG/KG   DRY WGT        700 L
34529 BENZAANT  SEDUG/KG   DRY WGT        700 M
34539 12DCLBEN  SEDUG/KG   DRY WGT        700 L
34554 124TCBEN  SEDUG/KG   DRY WGT        700 L
34559 CBAHANTH  SEDUG/KG   DRY WGT        700 L
34569 13DCLBEN  SEDUG/KG   DRY WGT        700 L
34574 14DCLBEN  SEDUG/KG   DRY WGT        700 L
34584 2CLNAPTH  SEDUG/KG   DRY WGT        700 L
34599 DINOCTPH  SEDUG/KG   DRY WGT        700 L
34614 24DNTOLU  SEDUG/KG   DRY WGT        700 L
34629 26DNTOLU  SEDUG/KG   DRY WGT        700 L
34634 33DCBNZD  SEDUG/KG   DRY WGT       1800 L
34639 4BRPPETR  SEDUG/KG   DRY WGT        700 L
34644 4CLPPETR  SEDUG/KG   DRY WGT        700 L
39102 B2E PHTH  MLD-DRY     LG/KG         700 M
39112 DNB PHTH  MLD-DRY     UG/KG         700 L
39121 BENZIDIN  SEDUG/KG   DRY WGT       3500 L
39491 PCB-1221  SEDUG/KG   DRY WGT        100 L
39495 PCB-1232  SEDUG/KG   DRY WGT        100 L
39499 PCB-1242  SEDUG/KG   DRY WGT        100 L
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(SAMPLE CONTINUED ON NEXT PAGE)

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STORET RETRIEVAL DATE 85/04/12
 476508
35 59 55.0 084 18 00.6  1
BRIDGE AT WILTSHIRE
47001 TENNESSEE          ANDERSON
CLINCH RIVER BASIN        040102
EAST FORK POPLAR CREEK 10.0
132TVAC
        840601      DEPTH     0 DATA LOCKED AFTER 8405
/TYPA/AMBNT/STREAM
INDEX 1021500  007720  00920  7930   0610   0080
MILES 0953.80 0046.50 567.70 012.00 005.47 010.00   .     .     .     .     .     .
(SAMPLE CONTINUED FROM PREVIOUS PAGE)
     INITIAL DATE                          84/06/19
     INITIAL TIME-DEPTH-BOTTOM             1200
39503 PCB-1248   SEDUG/KG   DRY WGT        100 L
39507 PCB-1254   SEDUG/KG   DRY WGT        100 L
39511 PCB-1260   SEDUG/KG   DRY WGT        250
39514 PCB-1016   SEDUG/KG   DRY WGT        100 L
39701 HCB        SEDUG/KG   DRY WGT        700 L
39705 HEXCLBC    SEDUG/KG   DRY WGT        700 L
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STORET RETRIEVAL DATE 85/04/12

476543
36 00 15.4 084.16 56.0 1
0.6 MILES SW OF WILLOW BROOK SCHOOL
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 11.3
132TVAC 840706
0000 FEET DEPTH CSN-RSP 0737280-0695423

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	70320 MOISTURE CONTENT PERCENT	70322 RESIDUE TOT VOL PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	81356 CATION EX. CAP. MEA/100G	71921 MERCURY SEDMG/KG DRY WGT	81756 TOT SED PARTSIZ% <.0005MM	80181 TOT SED PARTSIZE %<.002MM	80183 TOT SED PARTSIZE %<.008MM
84/06/19	10	10	431	05	40	6.4	2.38	11.0	42.0	9.1	15.8	25.3

DATE FROM TO	TIME OF DAY	DEPTH FEET	80184 TOT SED PARTSIZE %<.016MM	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	00557 OIL-GRSE MUD FRGR MG/KG	00721 CYANIDE SEDMG/KG DRY WGT	01003 ARSENIC SEDMG/KG DRY WGT	01028 CD MUD DRY WGT MG/KG-CD	01029 CHROMIUM SEDMG/KG DRY WGT
84/06/19	10	10	28.8	41.5					0.8U	6.4	2.7	39

DATE FROM TO	TIME OF DAY	DEPTH FEET	01052 LEAD SEDMG/KG DRY WGT	01068 NICKEL SEDMG/KG DRY WGT	01078 SILVER SEDMG/KG DRY WGT	01163 ZR MUD DRY WGT MG/KG-ZR
84/06/19	10	10	120	44	9	350

STORET RETRIEVAL DATE 85/04/12

476563
36 00 15.4 084 16 56.0 1
0.6 MILES SW OF WILLOW BROOK SCHOOL
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 11.3
132TVAC 840706
0000 FEET DEPTH CSN-RSP 0737280-0695423

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	01507 ALPHA SEDIMENT PC/G	01508 ALPHA SED-ERR PC/G	03507 BETA SEDIMENT PC/G	03508 BETA SED-ERR PC/G	09507 RA-226 SEDIMENT PC/G	09508 RA-226 SED-ERR PC/G
84/06/19	10	10	431	D5			160.0	30.0	90	20	4.70	0.30

DATE FROM TO	TIME OF DAY	DEPTH FEET	11506 RA-224 SEDIMENT PCI/G	11507 RA-224 SED-ERR PCI/G	11508 RA-223 SEDIMENT PCI/G	11509 RA-223 SEDIMENT ERROR	15505 SR-89 SEDIMENT PCI/G	15506 SR-89 SED-ERR PCI/G	15507 SR-90 SEDIMENT PCI/G	15508 SR-90 SED-ERR PCI/G	17509 PB-212 SEDIMENT PCI/G	17510 PB-212 SED-ERR PCI/G
84/06/19	10	10	1.70	0.40			0.1	0.4	0.1	0.1	1.50	0.30

DATE FROM TO	TIME OF DAY	DEPTH FEET	17511 PB-214 SEDIMENT PCI/G	17512 PB-214 SED-ERR PCI/G	21503 PA-233 SEDIMENT PCI/G	21504 PA-233 SED-ERR PCI/G	21505 MPA-234 SEDIMENT PCI/G	21506 MPA-234 SED-ERR PCI/G	21508 PA-234 SEDIMENT PCI/G	21509 PA-234 SEDIMENT ERROR	22015 PU-238 SEDIMENT PCI/G	22017 PU-238 SEDIMENT ERRO
84/06/19	10	10	5.30	0.40	0.050	0.020	16.0	2.0			0.0100	0.0050

DATE FROM TO	TIME OF DAY	DEPTH FEET	22018 PU-239 SEDIMENT PCI/G	22019 PU-239 SEDIMENT ERRO	22200 BE-7 SEDIMENT PCI/G	22201 BE-7 SED-ERR PCI/G	22250 NA-22 SEDIMENT PCI/G	22251 NA-22 SED-ERR PCI/G	22300 K-40 SEDIMENT PCI/G	22301 K-40 SED-ERR PCI/G	22350 TL-208 SEDIMENT PCI/G	22351 TL-208 SED-ERR PCI/G
84/06/19	10	10	0.100	0.020	1.60	0.30			10.7	0.9	0.56	0.05

STORET RETRIEVAL DATE 85/05/01

476563
35 58 15.4 084 15 56.0 1
0.6 MILES SW OF WILLOW BROOK SCHOOL
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 11.3
132TVAC 840706
0000 FEET DEPTH CSN-RSP 0737280-0595423

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	22375 BI-212 SEDIMENT PCI/G	22376 BI-212 SED-ERR PCI/G	22377 BI-214 SEDIMENT PCI/G	22378 BI-214 SED-ERR PCI/G	22450 AM-241 SEDIMENT PCI/G	22451 AM-241 SEDIMENT ERRO	22475 CU-244 SEDMENT PCI/G	22476 CU-244 SEDIMENT ERRO	22507 TH-234 SEDIMENT PCI/G	22508 TH-234 SED-ERR PCI/G
84/06/19	10	10	1.9	0.3	4.70	0.30	0.048	0.008	0.0100	0.0040	9.0	2.0

DATE FROM TO	TIME OF DAY	DEPTH FEET	22608 URANIUM SEDIMENT UG/G	22609 URANIUM SED-ERR UG/G	22612 U-235 SEDIMENT PCI/G	22613 U-235 SED-ERR PCI/G	22503 THORIUM/ URANIUM RATIO	22504 TH-ALPHA TOT WAT PC/L	27999 RU-106 SEDIMENT PCI/	28000 RU-106 SEDIMENT ERROR	28416 CS-134 SEDIMENT PCI/G	28417 CS-134 SED-ERR PCI/G
84/06/19	10	10	31.00	7.00	0.70	0.10						

DATE FROM TO	TIME OF DAY	DEPTH FEET	28418 CS-137 SEDIMENT PCI/G	28419 CS-137 SED-ERR PCI/G	29604 CO-60 SEDIMENT PCI/G	29605 CO-60 SED-ERR PCI/G	29550 EU-152 SEDIMENT PCI/G	29651 EU-152 SEDIMENT ERRO	29652 EU-154 SEDIMENT PCI/G	29653 EU-154 SEDIMENT ERRO	25503 AC-228 SEDIMENT PCI/G	25504 AC-228 SED-ERR PCI/G
84/06/19	10	10	2.5	0.2							1.4	0.1

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STORET RETRIEVAL DATE 85/04/12
 476563
36 00 15.4 084 16 56.0  1
0.6 MILES SW OF WILLOW BROOK SCHOOL
47001 TENNESSEE          ANDERSON
CLINCH RIVER BASIN        040102
EAST FORK POPLAR CREEK 11.3
132TVAC
        840706      DEPTH     0 DATA LOCKED AFTER 8405
/TYPA/AMBNT/STREAM
INDEX 102150C  007720  00920  793C   0610   0C80
MILES 0953.80 0046.50 567.70 012.00 005.47 011.30   .      .      .      .      .      .
     INITIAL DATE                              84/06/19
     INITIAL TIME-DEPTH-BOTTOM                 1010
34223 ANTHRACE  SEDUG/KG   DRY WGT        790 M
34233 BENZBFLU  ORANTMUD  DRYUG/KG        790 L
34245 BENZKFLU  SEDUG/KG   DRY WGT        790 L
34250 BENZAPYR  SEDUG/KG   DRY WGT        790 M
34276 B2CETETR  SEDUG/KG   DRY WGT        790 L
34281 B2CETOXM  SEDUG/KG   DRY WGT        790 L
34286 B2CIPETR  SEDUG/KG   DRY WGT        790 L
34295 NBE PHTH  MLD-DRY     UG/KG         790 L
34323 CHRYSENE  SEDUG/KG   DRY WGT        790 M
34339 DETHPHTH  SEDUG/KG   DRY WGT        790 L
34344 DMETPHTH  SEDUG/KG   DRY WGT        790 L
34349 12DPHNHY  SEDUG/KG   DRY WGT        790 L
34379 FLANTENE  SEDUG/KG   DRY WGT       2300
34384 FLUORENE  SEDUG/KG   DRY WGT        790 L
34389 HEXCLCPD  SEDUG/KG   DRY WGT        790 L
34399 HEXACLET  SEDUG/KG   DRY WGT        790 L
34406 I123CDPR  SEDUG/KG   DRY WGT        790 L
34411 ISPHRONE  SEDUG/KG   DRY WGT        790 L
34431 NITBNPRA  SEDUG/KG   DRY WGT        790 L
34436 NITRSDPA  SEDUG/KG   DRY WGT        790 L
34441 NITRSDMA  SEDUG/KG   DRY WGT        790 L
34445 NAPTHALE  SEDUG/KG   DRY WGT        790 L
34450 NITRBEN   SEDUG/KG   DRY WGT        790 L
34464 PHENANTH  SEDUG/KG   DRY WGT       1200
34472 PYRENE    SEDUG/KG   DRY WGT       1700
34524 BZGHIPER  SEDUG/KG   DRY WGT        790 L
34529 BENZAANT  SEDUG/KG   DRY WGT        520
34535 12DCLBEN  SEDUG/KG   DRY WGT        790 L
34554 124TCBEN  SEDUG/KG   DRY WGT        790 L
34559 CEAHANTH  SEDUG/KG   DRY WGT        790 L
34569 13DCLBEN  SEDUG/KG   DRY WGT        790 L
34574 14DCLBEN  SEDUG/KG   DRY WGT        790 L
34584 2CLNAPTH  SEDUG/KG   DRY WGT        790 L
34599 DINOCTPH  SEDUG/KG   DRY WGT        790 L
34614 24DNTOLU  SEDUG/KG   DRY WGT        790 L
34629 26DNTOLU  SEDUG/KG   DRY WGT        790 L
34634 33DCBNZD  SEDUG/KG   DRY WGT       2000 L
34639 4BRPPETR  SEDUG/KG   DRY WGT        790 L
34644 4CLPPETR  SEDUG/KG   DRY WGT        790 L
39102 B2E PHTH  MLD-DRY     UG/KG        1200
39112 DNB PHTH  MLD-DRY     UG/KG         790 L
39121 BENZIDIN  SEDUG/KG   DRY WGT       4000 L
39491 PCB-1221  SEDUG/KG   DRY WGT        100 L
39495 PCB-1232  SEDUG/KG   DRY WGT        100 L
39499 PCB-1242  SEDUG/KG   DRY WGT        100 L
(SAMPLE CONTINUED ON NEXT PAGE)
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STORET RETRIEVAL DATE 85/04/12
 476563
36 00 15.4 084 16 56.0  1
0.6 MILES SW OF WILLOW BROOK SCHOOL
47001 TENNESSEE          ANDERSON
CLINCH RIVER BASIN        040102
EAST FORK POPLAR CREEK 11.3
132TVAC
        840706      DEPTH     0 DATA LOCKED AFTER 8405
/TYPA/AMBNT/STREAM
INDEX 1021500  007720  00920  793C   0610   0C80
MILES 0953.80 0046.50 567.70 012.00 005.47 011.30   .    .    .    .    .    .
(SAMPLE CONTINUED FROM PREVIOUS PAGE)
     INITIAL DATE                          84/06/19
     INITIAL TIME-DEPTH-BOTTOM             1010
39503 PCB-1248   SEDUG/KG   DRY WGT         100 L
39507 PCB-1254   SEDUG/KG   DRY WGT         400
39511 PCB-1260   SEDUG/KG   DRY WGT         300
39514 PCB-1016   SEDUG/KG   DRY WGT         100 L
39701 HCB        SEDUG/KG   DRY WGT         790 L
39705 HEXCLBC    SEDUG/KG   DRY WGT         790 L
```

STORET RETRIEVAL DATE 85/04/12

476561
36 00 33.3 084 16 06.7 1
ADJACENT TO SOUTH ILLINOIS AVENUE
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 12.39
132TVAC 840706
0000 FEET DEPTH CSN-RSP 0737279-0695421

/TYPA/APENT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	70320 MOISTURE CONTENT PERCENT	70322 RESIDUE TOT VOL PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	81356 CATION EX. CAP. MEA/100G	71921 MERCURY SEDMG/KG DRY WGT	81756 TOT SED PARTSIZ% <.0005MM	80181 TOT SED PARTSIZE %<.002MM	80183 TOT SED PARTSIZE %<.008MM
84/06/18	08 50		430	D4	34	6.4	2.59	12.0	12.0	13.2	22.3	32.3

DATE FROM TO	TIME OF DAY	DEPTH FEET	80184 TOT SED PARTSIZE %<.016MM	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	00557 OIL-GRSE MUD FRGR MG/KG	00721 CYANIDE SEDMG/KG DRY WGT	01003 ARSENIC SEDMG/KG DRY WGT	01028 CD MUD DRY WGT MG/KG-CD	01029 CHROMIUM SEDMG/KG DRY WGT
84/06/18	08 50		42.1	53.0					0.8U	6.6	0.5U	26

DATE FROM TO	TIME OF DAY	DEPTH FEET	01052 LEAD SEDMG/KG DRY WGT	01068 NICKEL SEDMG/KG DRY WGT	01078 SILVER SEDMG/KG DRY WGT	01163 ZR MUD DRY WGT MG/KG-ZR
84/06/18	08 50		130	26	4	450

STORET RETRIEVAL DATE 85/04/12

476561
35 07 33.3 084 16 06.7 1
ADJACENT TO SOUTH ILLINOIS AVENUE
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 12.35
132TVAC 840706
0000 FEET DEPTH CSN-RSP 0737279-0695421

/TYPA/AMENT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	01507 ALPHA SEDIMENT PC/G	01508 ALPHA SED-ERR PC/G	03507 BETA SEDIMENT PC/G	03508 BETA SED-ERR PC/G	09507 RA-226 SEDIMENT PC/G	09508 RA-226 SED-ERR PC/G
84/06/18	08 50		430	04			1.2	0.5	15	3	0.45	0.06

DATE FROM TO	TIME OF DAY	DEPTH FEET	11506 RA-224 SEDIMENT PCI/G	11507 RA-224 SED-ERR PCI/G	11508 RA-223 SEDIMENT PCI/G	11509 RA-223 SEDIMENT ERROR	15505 SR-89 SEDIMENT PCI/G	15506 SR-89 SED-ERR PCI/G	15507 SR-90 SEDIMENT PCI/G	15508 SR-90 SED-ERR PCI/G	17509 PB-212 SEDIMENT PCI/G	17510 PB-212 SED-ERR PCI/G
84/06/18	08 50		0.60	0.10			0.4	0.3	0.0	0.1	0.53	0.06

DATE FROM TO	TIME OF DAY	DEPTH FEET	17511 PB-214 SEDIMENT PCI/G	17512 PB-214 SED-ERR PCI/G	21503 PA-233 SEDIMENT PCI/G	21504 PA-233 SED-ERR PCI/G	21505 MPA-234 SEDIMENT PCI/G	21506 MPA-234 SED-ERR PCI/G	21508 PA-234 SEDIMENT PCI/G	21509 PA-234 SEDIMENT ERROR	22015 PU-238 SEDIMENT PCI/G	22017 PU-238 SEDIMENT ERRO
84/06/18	08 50		0.49	0.06								

STORET RETRIEVAL DATE 85/05/01

476561
36 00 33.3 084 16 36.7 1
ADJACENT TO SOUTH ILLINOIS AVENUE
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 12.39
132TVAC 840706
0000 FEET DEPTH CSN-RSP 0737279-0695421

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	22018 PU-239 SEDIMENT PCI/G	22019 PU-239 SEDIMENT ERRO	22200 BE-7 SEDIMENT PCI/G	22201 BE-7 SED-ERR PCI/G	22250 NA-22 SEDIMENT PCI/G	22251 NA-22 SED-ERR PCI/G	22300 K-40 SEDIMENT PCI/G	22301 K-40 SED-ERR PCI/G	22350 TL-208 SEDIMENT PCI/G	22351 TL-208 SED-ERR PCI/G
84/06/18	08 50				0.90	0.10			7.5	0.8	0.23	0.02

DATE FROM TO	TIME OF DAY	DEPTH FEET	22375 BI-212 SEDIMENT PCI/G	22376 BI-212 SED-ERR PCI/G	22377 BI-214 SEDIMENT PCI/G	22378 BI-214 SED-ERR PCI/G	22450 AM-241 SEDIMENT PCI/G	22451 AM-241 SEDIMENT ERRO	22475 CU-244 SEDMENT PCI/G	22476 CU-244 SEDIMENT ERRO	22507 TH-234 SEDIMENT PCI/G	22508 TH-234 SED-ERR PCI/G
84/06/18	08 50		0.7	0.1	0.45	0.06	0.011	0.003	0.0080	0.0030	1.2	0.3

DATE FROM TO	TIME OF DAY	DEPTH FEET	22608 URANIUM SEDIMENT UG/G	22609 URANIUM SED-ERR UG/G	22612 U-235 SEDIMENT PCI/G	22613 U-235 SED-ERR PCI/G	22503 THORIUM/ URANIUM RATIO	22504 TH-ALPHA TOT WAT PC/L	27999 RU-106 SEDIMENT PCI/	28000 RU-106 SEDIMENT ERROR	28416 CS-134 SEDIMENT PCI/G	28417 CS-134 SED-ERR PCI/G
84/06/18	08 50		2.30	0.60								

DATE FROM TO	TIME OF DAY	DEPTH FEET	28418 CS-137 SEDIMENT PCI/G	28419 CS-137 SED-ERR PCI/G	29604 CO-60 SEDIMENT PCI/G	29605 CO-60 SED-ERR PCI/G	29550 EU-152 SEDIMENT PCI/G	29651 EU-152 SEDIMENT ERRO	29652 EU-154 SEDIMENT PCI/G	29653 EU-154 SEDIMENT ERRO	25503 AC-228 SEDIMENT PCI/G	25504 AC-228 SED-ERR PCI/G
84/06/18	08 50		0.1	0.02							0.6	0.1

STORET RETRIEVAL DATE 85/04/12
476561
36 00 33.3 084 16 06.7 1
ADJACENT TO SOUTH ILLINOIS AVENUE
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 12.39
132TVAC
840706 DEPTH 0 DATA LOCKED AFTER 8405
/TYPA/AMENT/STREAM
INDEX 1C2150C 007720 00920 7930 0610 0C80
MILES 0953.80 0046.50 567.70 012.00 005.47 012.39 . . . . . .

	INITIAL DATE			84/06/18	
	INITIAL TIME-DEPTH-BOTTOM			0850	
34223	ANTHRACE	SEDUG/KG	DRY WGT	670	M
34233	BENZBFLU	ORANTMUD	DRYUG/KG	670	L
34245	BENZKFLU	SEDUG/KG	DRY WGT	670	L
34250	BENZAPYR	SEDUG/KG	DRY WGT	670	M
34276	B2CETETR	SEDUG/KG	DRY WGT	670	L
34281	B2CETOXM	SEDUG/KG	DRY WGT	670	L
34286	B2CIPETR	SEDUG/KG	DRY WGT	670	L
34295	NBE PHTH	MUD-DRY	UG/KG	670	L
34323	CHRYSENE	SEDUG/KG	DRY WGT	670	M
34339	DETHPHTH	SEDUG/KG	DRY WGT	670	L
34344	DMETPHTH	SEDUG/KG	DRY WGT	670	L
34349	12DPHNHY	SEDUG/KG	DRY WGT	670	L
34379	FLANTENE	SEDUG/KG	DRY WGT	2200	
34384	FLUORENE	SEDUG/KG	DRY WGT	670	L
34389	HEXCLCPD	SEDUG/KG	DRY WGT	670	L
34399	HEXACLET	SEDUG/KG	DRY WGT	670	L
34406	I123CDPR	SEDUG/KG	DRY WGT	670	L
34411	ISPHRONE	SEDUG/KG	DRY WGT	670	L
34431	NITCNPRA	SEDUG/KG	DRY WGT	670	L
34436	NITRSOPA	SEDUG/KG	DRY WGT	670	L
34441	NITRSOMA	SEDUG/KG	DRY WGT	670	L
34445	NAPTHALE	SEDUG/KG	DRY WGT	670	L
34450	NITROBEN	SEDUG/KG	DRY WGT	670	L
34464	PHENANTH	SEDUG/KG	DRY WGT	1200	
34472	PYRENE	SEDUG/KG	DRY WGT	1700	
34524	BZGHIPER	SEDUG/KG	DRY WGT	670	L
34529	BENZAANT	SEDUG/KG	DRY WGT	670	L
34539	12DCLBEN	SEDUG/KG	DRY WGT	670	L
34554	124TCBEN	SEDUG/KG	DRY WGT	670	L
34559	DEAHANTH	SEDUG/KG	DRY WGT	670	L
34569	13DCLBEN	SEDUG/KG	DRY WGT	670	L
34574	14DCLBEN	SEDUG/KG	DRY WGT	670	L
34584	2CLNAPTH	SEDUG/KG	DRY WGT	670	L
34599	DINOCTPH	SEDUG/KG	DRY WGT	670	L
34614	24DNTOLU	SEDUG/KG	DRY WGT	670	L
34629	26DNTOLU	SEDUG/KG	DRY WGT	670	L
34634	33DCBNZD	SEDUG/KG	DRY WGT	1700	L
34639	4BRFPETR	SEDUG/KG	DRY WGT	670	L
34644	4CLPPETR	SEDUG/KG	DRY WGT	670	L
39102	B2E PHTH	MUD-DRY	UG/KG	1300	
39112	DNB PHTH	MUD-DRY	UG/KG	670	L
39121	BENZIDIN	SEDUG/KG	DRY WGT	3400	L
39491	PCB-1221	SEDUG/KG	DRY WGT	100	L
39495	PCB-1232	SEDUG/KG	DRY WGT	100	L
39499	PCB-1242	SEDUG/KG	DRY WGT	100	L

(SAMPLE CONTINUED ON NEXT PAGE)

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STORET RETRIEVAL DATE 85/04/12
 476561
36 00 32.2 084 16 06.7  1
ADJACENT TO SOUTH ILLINOIS AVENUE
47001 TENNESSEE          ANDERSON
CLINCH RIVER BASIN        040102
EAST FORK POPLAR CREEK 12.39
132TVAC
        840706      DEPTH     0 DATA LOCKED AFTER 8405
/TYPA/AMENT/STREAM
INDEX 102150C  007720  00920  7930   0610   0080
MILES 0953.80 0046.50 567.70 012.00 005.47 012.39   .     .     .     .     .     .
(SAMPLE CONTINUED FROM PREVIOUS PAGE)
     INITIAL DATE                          84/06/18
     INITIAL TIME-DEPTH-BOTTOM             0850
39503 PCB-1248   SEDUG/KG   DRY WGT        100 L
39507 PCB-1254   SEDUG/KG   DRY WGT        100 L
39511 PCB-1260   SEDUG/KG   DRY WGT        400
39514 PCB-1016   SEDUG/KG   DRY WGT        100 L
39701 HCB        SEDUG/KG   DRY WGT        670 L
39705 HEXCLBD    SEDUG/KG   DRY WGT        670 L
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STORET RETRIEVAL DATE 85/04/12

476560
36 00 19.8 084 15 43.7 1
NEAR EAST VANDERBILT DRIVE
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 12.89
132TVAC 840706
0000 FEET DEPTH CSN-RSP 0737278-0695420

/TYPA/APBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	70320 MOISTURE CONTENT PERCENT	70322 RESIDUE TOT VOL PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	81356 CATION EX. CAP. MEA/100G	71921 MERCURY SEDMG/KG DRY WGT	81756 TOT SED PARTSIZ% <.0005MM	80181 TOT SED PARTSIZE %<.002MM	80183 TOT SED PARTSIZE %<.008MM
84/06/18	15 30		428	03	34	4.5	2.79	8.2	55.0	5.1	11.2	18.0

DATE FROM TO	TIME OF DAY	DEPTH FEET	80184 TOT SED PARTSIZE %<.016MM	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	00557 OIL-GRSE MUD FRGR MG/KG	00721 CYANIDE SEDMG/KG DRY WGT	01003 ARSENIC SEDMG/KG DRY WGT	01028 CD MUD DRY WGT MG/KG-CD	01029 CHROMIUM SEDMG/KG DRY WGT
84/06/18	15 30		21.7	31.9					0.8U	6.6	1.8	30

DATE FROM TO	TIME OF DAY	DEPTH FEET	01052 LEAD SEDMG/KG DRY WGT	01068 NICKEL SEDMG/KG DRY WGT	01078 SILVER SEDMG/KG DRY WGT	01163 ZR MUD DRY WGT MG/KG-ZR
84/06/18	15 30		81	34	8	450

STORET RETRIEVAL DATE 85/04/12

476560
36 00 19.8 084 15 43.7 1
NEAR EAST VANDERBILT DRIVE
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 12.89
132TVAC 840706
0000 FEET DEPTH CSN-RSP 0737278-0695420

/TYPA/AMENT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	01507 ALPHA SEDIMENT PC/G	01508 ALPHA SED-ERR PC/G	03507 BETA SEDIMENT PC/G	03508 BETA SED-ERR PC/G	09507 RA-226 SEDIMENT PC/G	09508 RA-226 SED-ERR PC/G
84/06/18	15 30		428	D3			26.0	7.0	80	20	0.71	0.06

DATE FROM TO	TIME OF DAY	DEPTH FEET	11506 RA-224 SEDIMENT PCI/G	11507 RA-224 SED-ERR PCI/G	11508 RA-223 SEDIMENT PCI/G	11509 RA-223 SEDIMENT ERROR	15505 SR-89 SEDIMENT PCI/G	15506 SR-89 SED-ERR PCI/G	15507 SR-90 SEDIMENT PCI/G	15508 SR-90 SED-ERR PCI/G	17509 PB-212 SEDIMENT PCI/G	17510 PB-212 SED-ERR PCI/G
84/06/18	15 30		3.00	2.00			0.0	0.3	0.1	0.1	0.30	2.00

DATE FROM TO	TIME OF DAY	DEPTH FEET	17511 PB-214 SEDIMENT PCI/G	17512 PB-214 SED-ERR PCI/G	21503 PA-233 SEDIMENT PCI/G	21504 PA-233 SED-ERR PCI/G	21505 MPA-234 SEDIMENT PCI/G	21506 MPA-234 SED-ERR PCI/G	21508 PA-234 SEDIMENT PCI/G	21509 PA-234 SEDIMENT ERROR	22015 PU-238 SEDIMENT PCI/G	22017 PU-238 SEDIMENT ERRO
84/06/18	15 30		0.81	0.08	0.080	0.010	12.0	2.0			0.0050	0.0020

STORET RETRIEVAL DATE 85/05/01

476560
35 00 19.8 084 15 43.7 1
NEAR EAST VANDERBILT DRIVE
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 12.89
132TVAC 840705
0000 FEET DEPTH CSN-RSP 0737278-0595420

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	22019 PU-239 SEDIMENT PCI/G	22019 PU-239 SEDIMENT ERRO	22200 BE-7 SEDIMENT PCI/G	22201 BE-7 SED-ERR PCI/G	22250 NA-22 SEDIMENT PCI/G	22251 NA-22 SED-ERR PCI/G	22300 K-40 SEDIMENT PCI/G	22301 K-40 SED-ERR PCI/G	22350 TL-208 SEDIMENT PCI/G	22351 TL-208 SED-ERR PCI/G
84/06/18	15 30		0.097	0.004	2.40	0.30			21.0	2.0	0.97	0.08

DATE FROM TO	TIME OF DAY	DEPTH FEET	22375 BI-212 SEDIMENT PCI/G	22376 BI-212 SED-ERR PCI/G	22377 BI-214 SEDIMENT PCI/G	22378 BI-214 SED-ERR PCI/G	22450 AM-241 SEDIMENT PCI/G	22451 AM-241 SEDIMENT ERRO	22475 CU-244 SEDIMENT PCI/G	22476 CU-244 SEDIMENT ERRO	22507 TH-234 SEDIMENT PCI/G	22508 TH-234 SED-ERR PCI/G
84/06/18	15 30		3.0	0.3	0.71	0.06	0.023	0.004	0.0070	0.0030	9.0	1.0

DATE FROM TO	TIME OF DAY	DEPTH FEET	22608 URANIUM SEDIMENT UG/G	22609 URANIUM SED-ERR UG/G	22612 U-235 SEDIMENT PCI/G	22613 U-235 SED-ERR PCI/G	22503 THORIUM/ URANIUM RATIO	22504 TH-ALPHA TOT WAT PC/L	27999 RU-106 SEDIMENT PCI/	28000 RU-106 SEDIMENT ERROR	28416 CS-134 SEDIMENT PCI/G	28417 CS-134 SED-ERR PCI/G
84/06/18	15 30		16.00	2.00	0.40	0.10			0.40	0.10	0.024	0.006

DATE FROM TO	TIME OF DAY	DEPTH FEET	28418 CS-137 SEDIMENT PCI/G	28419 CS-137 SED-ERR PCI/G	29604 CO-60 SEDIMENT PCI/G	29605 CO-60 SED-ERR PCI/G	29550 EU-152 SEDIMENT PCI/G	29651 EU-152 SEDIMENT ERRO	29652 EU-154 SEDIMENT PCI/G	29653 EU-154 SEDIMENT ERRO	25503 AC-228 SEDIMENT PCI/G	25504 AC-228 SED-ERR PCI/G
84/06/18	15 30		2.7	0.2	0.012	0.008					1.9	0.2

STORET RETRIEVAL DATE 85/04/12
476560
36 00 19.8 084 15 43.7 1
NEAR EAST VANDERBILT DRIVE
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 12.89
132TVAC
840706 DEPTH 0 DATA LOCKED AFTER 8405
/TYPA/AMENT/STREAM
INDEX 102150C 007720 00920 7930 0610 0080
MILES 0953.80 0046.50 567.70 012.00 005.47 012.89 . . . . . .

INITIAL DATE			84/06/18		
INITIAL TIME-DEPTH-BOTTOM			1530		
34223	ANTHRACE	SEDUG/KG	DRY WGT	1000	
34233	BENZBFLU	GRANTMUD	DRYUG/KG	670	L
34245	BENZKFLU	SEDUG/KG	DRY WGT	670	L
34250	BENZAPYR	SEDUG/KG	DRY WGT	900	
34276	B2CETETR	SEDUG/KG	DRY WGT	670	L
34281	B2CETOXM	SEDUG/KG	DRY WGT	670	L
34286	B2CIPETR	SEDUG/KG	DRY WGT	670	L
34295	NBB PHTH	MUD-DRY	UG/KG	670	L
34323	CHRYSENE	SEDUG/KG	DRY WGT	920	
34339	DETHPHTH	SEDUG/KG	DRY WGT	670	L
34344	DMETPHTH	SEDUG/KG	DRY WGT	670	L
34349	12DPHNHY	SEDUG/KG	DRY WGT	670	L
34379	FLANTENE	SEDUG/KG	DRY WGT	4600	
34384	FLUORENE	SEDUG/KG	DRY WGT	670	M
34389	HEXCLCPD	SEDUG/KG	DRY WGT	670	L
34399	HEXACLET	SEDUG/KG	DRY WGT	670	L
34406	I123CDPR	SEDUG/KG	DRY WGT	670	L
34411	ISPHRONE	SEDUG/KG	DRY WGT	670	L
34431	NITCNPRA	SEDUG/KG	DRY WGT	670	L
34436	NITRSDFA	SEDUG/KG	DRY WGT	670	L
34441	NITRSDMA	SEDUG/KG	DRY WGT	670	L
34445	NAPTHALE	SEDUG/KG	DRY WGT	670	L
34450	NITROBEN	SEDUG/KG	DRY WGT	670	L
34464	PHENANTH	SEDUG/KG	DRY WGT	4500	
34472	PYRENE	SEDUG/KG	DRY WGT	3500	
34524	BZGHIPER	SEDUG/KG	DRY WGT	670	L
34529	BENZAANT	SEDUG/KG	DRY WGT	1200	
34539	12DCLBEN	SEDUG/KG	DRY WGT	670	L
34554	124TCBEN	SEDUG/KG	DRY WGT	670	L
34559	DEAHANTH	SEDUG/KG	DRY WGT	670	L
34569	13DCLBEN	SEDUG/KG	DRY WGT	670	L
34574	14DCLBEN	SEDUG/KG	DRY WGT	670	L
34584	2CLNAPTH	SEDUG/KG	DRY WGT	670	L
34599	DINOCTPH	SEDUG/KG	DRY WGT	670	L
34614	24DNTOLU	SEDUG/KG	DRY WGT	670	L
34629	26DNTOLU	SEDUG/KG	DRY WGT	670	L
34634	33DCBNZD	SEDUG/KG	DRY WGT	1700	L
34635	4BRPPETR	SEDUG/KG	DRY WGT	670	L
34644	4CLPPETR	SEDUG/KG	DRY WGT	670	L
39102	H2E PHTH	MUD-DRY	UG/KG	990	
39112	DNB PHTH	MUD-DRY	UG/KG	670	L
39121	BENZIDIN	SEDUG/KG	DRY WGT	3300	L
39491	PCB-1221	SEDUG/KG	DRY WGT	100	L
39495	PCB-1232	SEDUG/KG	DRY WGT	100	L
39499	PCB-1242	SEDUG/KG	DRY WGT	100	L

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STORET RETRIEVAL DATE 85/04/12
 476560
36 00 19.8 084 15 43.7  1
NEAR EAST VANDERBILT DRIVE
47001 TENNESSEE          ANDERSON
CLINCH RIVER BASIN        040102
EAST FORK POPLAR CREEK 12.89
132TVAC
        840706      DEPTH     0 DATA LOCKED AFTER 8405
/TYPA/AMENT/STREAM
INDEX 1021500  007720  00920  7930   0610   0080
MILES 0953.80 0046.50 567.70 012.00 005.47 012.89   .     .     .     .     .     .
(SAMPLE CONTINUED FROM PREVIOUS PAGE)
     INITIAL DATE                          84/06/18
     INITIAL TIME-DEPTH-BOTTOM             1530
39503 PCB-1248  SEDUG/KG   DRY WGT        100 L
39507 PCB-1254  SEDUG/KG   DRY WGT        200
39511 PCB-1260  SEDUG/KG   DRY WGT        500
39514 PCB-1016  SEDUG/KG   DRY WGT        100 L
39701 HCB       SEDUG/KG   DRY WGT        670 L
39705 HEXCLBD   SEDUG/KG   DRY WGT        670 L
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STORET RETRIEVAL DATE 85/04/12

476588
36 00 06.0 084 15 04.0 2
INSTREAM SAMPLE NO. OD-21
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 13.66
132TVAC 840915
0000 FEET DEPTH CSN-RSP 0743422-0695454

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	70320 MOISTURE CONTENT PERCENT	70322 RESIDUE TOT VOL PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	81356 CATION EX. CAP. MEA/100G	71921 MERCURY SEDMG/KG DRY WGT	81756 TOT SED PARTSIZ% <.0005MM	80181 TOT SED PARTSIZE %<.002MM	80183 TOT SED PARTSIZE %<.008MM
84/06/26	11 05		859	D21	35	5.6	2.39	7.1	63.0	4.8	7.5	12.2
	11 06		860	D21D	35	5.5	2.30	8.3	62.0	6.1	9.2	12.9

DATE FROM TO	TIME OF DAY	DEPTH FEET	80184 TOT SED PARTSIZE %<.016MM	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	00557 OIL-GRSE MUD FRGR MG/KG	00721 CYANIDE SEDMG/KG DRY WGT	01003 ARSENIC SEDMG/KG DRY WGT	01028 CD MUD DRY WGT MG/KG-CD	01029 CHROMIUM SEDMG/KG DRY WGT
84/06/26	11 05		14.9	24.1	36.6	60.30	86.4	1000	0.8U	7.2	1.1	54
	11 06		16.0	23.5	36.4	66.20	93.8	1000	0.8U	9.0	1.2	62

DATE FROM TO	TIME OF DAY	DEPTH FEET	01052 LEAD SEDMG/KG DRY WGT	01068 NICKEL SEDMG/KG DRY WGT	01078 SILVER SEDMG/KG DRY WGT	01163 ZR MUD DRY WGT MG/KG-ZR
84/06/26	11 05		69	66	10	410
	11 06		84	81	8	360

STORET RETRIEVAL DATE 85/04/12

476588
36 00 06.0 084 15 04.0 2
INSTREAM SAMPLE NO. OD-21
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 13.66
132TVAC 840915
0000 FEET DEPTH CSN-RSP 0743422-0695454

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00038 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	01507 ALPHA SEDIMENT PC/G	01508 ALPHA SED-ERR PC/G	03507 BETA SEDIMENT PC/G	03508 BETA SED-ERR PC/G	09507 RA-226 SEDIMENT PC/G	09508 RA-226 SED-ERR PC/G
84/06/26	11 05		859	D21			22.0	6.0	80	20		
	11 06		860	D21D								

DATE FROM TO	TIME OF DAY	DEPTH FEET	11506 RA-224 SEDIMENT PCI/G	11507 RA-224 SED-ERR PCI/G	11508 RA-223 SEDIMENT PCI/G	11509 RA-223 SEDIMENT ERROR	15505 SR-89 SEDIMENT PCI/G	15506 SR-89 SED-ERR PCI/G	15507 SR-90 SEDIMENT PCI/G	15508 SR-90 SED-ERR PCI/G	17509 PB-212 SEDIMENT PCI/G	17510 PB-212 SED-ERR PCI/G
84/06/26	11 05						0.5	0.3	0.0	0.1	2.50	0.30

DATE FROM TO	TIME OF DAY	DEPTH FEET	17511 PB-214 SEDIMENT PCI/G	17512 PB-214 SED-ERR PCI/G	21503 PA-233 SEDIMENT PCI/G	21504 PA-233 SED-ERR PCI/G	21505 MPA-234 SEDIMENT PCI/G	21506 MPA-234 SED-ERR PCI/G	21508 PA-234 SEDIMENT PCI/G	21509 PA-234 SEDIMENT ERROR	22015 PU-238 SEDIMENT PCI/G	22017 PU-238 SEDIMENT ERRO
84/06/26	11 05		0.90	0.10	0.100	0.050	19.0	4.0				

STORET RETRIEVAL DATE 85/05/21

476598
36 00 06.0 084 15 04.0 2
INSTREAM SAMPLE NO. 00-21
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 13.66
132TVAC 840915
0000 FEET DEPTH CSN-RSP 0743422-0595454

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	22018 PU-239 SEDIMENT PCI/G	22019 PU-239 SEDIMENT ERRO	22200 BE-7 SEDIMENT PCI/G	22201 BE-7 SED-ERR PCI/G	22250 NA-22 SEDIMENT PCI/G	22251 NA-22 SED-ERR PCI/G	22300 K-40 SEDIMENT PCI/G	22301 K-40 SED-ERR PCI/G	22350 TL-208 SEDIMENT PCI/G	22351 TL-208 SED-ERR PCI/G
84/06/26	11 05				3.40	0.50			20.0	2.0	0.80	0.10

DATE FROM TO	TIME OF DAY	DEPTH FEET	22375 BI-212 SEDIMENT PCI/G	22376 BI-212 SED-ERR PCI/G	22377 BI-214 SEDIMENT PCI/G	22378 BI-214 SED-ERR PCI/G	22450 AM-241 SEDIMENT PCI/G	22451 AM-241 SEDIMENT ERRO	22475 CU-244 SEDMENT PCI/G	22476 CU-244 SEDIMENT ERRO	22507 TH-234 SEDIMENT PCI/G	22508 TH-234 SED-ERR PCI/G
84/06/26	11 05		2.7	0.5	0.80	0.10					12.0	1.0

DATE FROM TO	TIME OF DAY	DEPTH FEET	22608 URANIUM SEDIMENT UG/G	22609 URANIUM SED-ERR UG/G	22612 U-235 SEDIMENT PCI/G	22613 U-235 SED-ERR PCI/G	22503 THORIUM/ URANIUM RATIO	22504 TH-ALPHA TOT WAT PC/L	27999 RU-106 SEDIMENT PCI/	28000 RU-106 SEDIMENT ERROR	28416 CS-134 SEDIMENT PCI/G	28417 CS-134 SED-ERR PCI/G
84/06/26	11 05		26.00	5.00	0.80	0.30			0.30	0.20		

DATE FROM TO	TIME OF DAY	DEPTH FEET	28418 CS-137 SEDIMENT PCI/G	28419 CS-137 SED-ERR PCI/G	29604 CO-60 SEDIMENT PCI/G	29605 CO-60 SED-ERR PCI/G	29650 EU-152 SEDIMENT PCI/G	29651 EU-152 SEDIMENT ERRO	29652 EU-154 SEDIMENT PCI/G	29653 EU-154 SEDIMENT ERRO	25503 AC-228 SEDIMENT PCI/G	25504 AC-228 SED-ERR PCI/G
84/06/26	11 05		2.4	0.2							1.6	0.3

STORET RETRIEVAL DATE 85/04/12
476588
36 00 06.0 084 15 04.0 2
INSTREAM SAMPLE NO. OC-21
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 13.66
132TVAC
840915 DEPTH 0 DATA LOCKED AFTER 8405
/TYPA/AMBNT/STREAM
INDEX 102150C 007720 00920 7930 0610 0080
MILES 0953.80 0046.50 567.70 012.00 005.47 013.66 . . . . . .

	INITIAL DATE				84/06/26		84/06/26	
	INITIAL TIME-DEPTH-BOTTOM				1105		1106	
34223	ANTHRACE	SEDUG/KG	DRY WGT		680	M	690	M
34233	BENZBFLU	ORANTMUD	DRYUG/KG		680	L	690	U
34245	BENZKFLU	SEDUG/KG	DRY WGT		680	L	690	U
34250	BENZAPYR	SEDUG/KG	DRY WGT		680	M	690	U
34276	B2CETETR	SEDUG/KG	DRY WGT		680	L	690	U
34281	B2CETOXM	SEDUG/KG	DRY WGT		680	L	690	U
34286	B2CIPETR	SEDUG/KG	DRY WGT		680	L	690	U
34295	NBB PHTH	MLD-DRY	UG/KG		680	L	690	U
34323	CHRYSENE	SEDUG/KG	DRY WGT		680	M	690	M
34339	DETHPHTH	SEDUG/KG	DRY WGT		680	L	690	U
34344	DMETPHTH	SEDUG/KG	DRY WGT		680	L	690	U
34349	12DPHNHY	SEDUG/KG	DRY WGT		680	L	690	U
34379	FLANTENE	SEDUG/KG	DRY WGT		1400		1200	
34384	FLUORENE	SEDUG/KG	DRY WGT		680	L	690	U
34389	HEXCLCPD	SEDUG/KG	DRY WGT		680	L	690	U
34399	HEXACLET	SEDUG/KG	DRY WGT		680	L	690	U
34406	I123CDPR	SEDUG/KG	DRY WGT		680	L	690	U
34411	ISPHRONE	SEDUG/KG	DRY WGT		680	L	690	U
34431	NITBNPRA	SEDUG/KG	DRY WGT		680	L	690	U
34436	NITRSDPA	SEDUG/KG	DRY WGT		680	L	690	U
34441	NITRSDMA	SEDUG/KG	DRY WGT		680	L	690	U
34445	NAPTHALE	SEDUG/KG	DRY WGT		680	L	690	U
34450	NITROBEN	SEDUG/KG	DRY WGT		680	L	690	U
34464	PHENANTH	SEDUG/KG	DRY WGT		800		690	M
34472	PYRENE	SEDUG/KG	DRY WGT		1000		840	
34524	B2GHIPER	SEDUG/KG	DRY WGT		680	L	690	U
34529	BENZAANT	SEDUG/KG	DRY WGT		680	M	690	M
34539	12DCLBEN	SEDUG/KG	DRY WGT		680	L	690	U
34554	124TCBEN	SEDUG/KG	DRY WGT		680	L	690	U
34559	DBAHANTH	SEDUG/KG	DRY WGT		680	L	690	U
34569	13DCLBEN	SEDUG/KG	DRY WGT		680	L	690	U
34574	14DCLBEN	SEDUG/KG	DRY WGT		680	L	690	U
34584	2CLNAPTH	SEDUG/KG	DRY WGT		680	L	690	U
34599	CINDCTPH	SEDUG/KG	DRY WGT		680	L	690	M
34614	24DNTOLU	SEDUG/KG	DRY WGT		680	L	690	U
34629	26DNTOLU	SEDUG/KG	DRY WGT		680	L	690	U
34634	33DCBNZD	SEDUG/KG	DRY WGT		1700	L	1700	U
34639	4BRPPETR	SEDUG/KG	DRY WGT		680	L	690	U
34644	4CLPPETR	SEDUG/KG	DRY WGT		680	L	690	U
39102	B2E PHTH	MLD-DRY	UG/KG		1300		2600	
39112	DNB PHTH	MLD-DRY	UG/KG		680	L	690	M
39121	BENZIDIN	SEDUG/KG	DRY WGT		3400	L	3500	U
39491	PCB-1221	SEDUG/KG	DRY WGT		100	L	100	U
39495	PCB-1232	SEDUG/KG	DRY WGT		100	L	100	U
39499	PCB-1242	SEDUG/KG	DRY WGT		100	L	100	U

(SAMPLE CONTINUED ON NEXT PAGE)

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STORET RETRIEVAL DATE 85/04/12
 476588
36 0C 06.0 084 15 04.0  2
INSTREAM SAMPLE NO. CC-21
47001 TENNESSEE          ANDERSON
CLINCH RIVER BASIN        040102
EAST FORK POPLAR CREEK 13.66
132TVAC
        840915      DEPTH     0 DATA LOCKED AFTER 8405
/TYPA/AMBNT/STREAM
INDEX 102150C  007720  00920  793C   0610   0C80
MILES 0953.80 0046.50 567.70 012.00 005.47 013.66   .     .     .     .     .     .
(SAMPLE CONTINUED FROM PREVIOUS PAGE)
     INITIAL DATE                          84/06/26  84/06/26
     INITIAL TIME-DEPTH-BOTTOM             1105      1106
39503 PCB-1248   SEDUG/KG   DRY WGT         100 L     100 U
39507 PCB-1254   SEDUG/KG   DRY WGT         500       500
39511 PCB-1260   SEDUG/KG   DRY WGT        1200      1200
39514 PCB-1016   SEDUG/KG   DRY WGT         100 L     100 U
39701 HCB        SEDUG/KG   DRY WGT         680 L     690 U
39705 HEXCLBD    SEDUG/KG   DRY WGT         680 L     690 U
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STORET RETRIEVAL DATE 85/04/12

476573
36 00 06.0 084 15 04.0 2
NEAR ATHLETIC FIELD
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 13.71
132TVAC 840706
0000 FEET DEPTH CSN-RSP 0737290-0695433

/TYPA/AGENT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	70320 MOISTURE CONTENT PERCENT	70322 RESIDUE TOT VOL PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	81356 CATION EX. CAP. MEA/100G	71921 MERCURY SEDMG/KG DRY WGT	81756 TOT SED PARTSIZE <.0005MM	80181 TOT SED PARTSIZE %<.002MM	80183 TOT SED PARTSIZE %<.008MM
84/06/22	14 45		516	020	39	5.5	2.25	7.6	44.0	3.6	8.6	15.5

DATE FROM TO	TIME OF DAY	DEPTH FEET	80184 TOT SED PARTSIZE %<.016MM	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	00557 OIL-GRSE MUD FRGR MG/KG	00721 CYANIDE SEDMG/KG DRY WGT	01003 ARSENIC SEDMG/KG DRY WGT	01028 CD MUD DRY WGT MG/KG-CD	01029 CHROMIUM SEDMG/KG DRY WGT
84/06/22	14 45		18.6	35.7					0.8U		2.4	43

DATE FROM TO	TIME OF DAY	DEPTH FEET	01052 LEAD SEDMG/KG DRY WGT	01068 NICKEL SEDMG/KG DRY WGT	01078 SILVER SEDMG/KG DRY WGT	01163 ZR MUD DRY WGT MG/KG-ZR
84/06/22	14 45		78	47	15	500

ET RETRIEVAL CATE 85/04/12

476573
36 00 06.0 084 15 04.0 2
NEAR ATHLETIC FIELD
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 13.71
132TVAC 840706
0000 FEET DEPTH CSN-RSP 0737290-0695433

A/APENT/STREAM

TE CP O	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	01507 ALPHA SEDIMENT PC/G	01508 ALPHA SED-ERR PC/G	03507 BETA SEDIMENT PC/G	03508 BETA SED-ERR PC/G	09507 RA-226 SEDIMENT PC/G	09508 RA-226 SED-ERR PC/G
6/22	14 45		516	020			32.0	8.0	110	20		

ATE ROM TO	TIME OF DAY	DEPTH FEET	11506 RA-224 SEDIMENT PCI/G	11507 RA-224 SED-ERR PCI/G	11508 RA-223 SEDIMENT PCI/G	11509 RA-223 SEDIMENT ERROR	15505 SR-89 SEDIMENT PCI/G	15506 SR-89 SED-ERR PCI/G	15507 SR-90 SEDIMENT PCI/G	15508 SR-90 SED-ERR PCI/G	17509 PB-212 SEDIMENT PCI/G	17510 PB-212 SED-ERR PCI/G
06/22	14 45						0.3	0.4	0.0	0.1	2.70	0.30

ATE ROM TO	TIME OF DAY	DEPTH FEET	17511 PB-214 SEDIMENT PCI/G	17512 PB-214 SED-ERR PCI/G	21503 PA-233 SEDIMENT PCI/G	21504 PA-233 SED-ERR PCI/G	21505 MPA-234 SEDIMENT PCI/G	21506 MPA-234 SED-ERR PCI/G	21508 PA-234 SEDIMENT PCI/G	21509 PA-234 SEDIMENT ERROR	22016 PU-238 SEDIMENT PCI/G	22017 PU-238 SEDIMENT ERRO
06/22	14 45		1.00	0.10			30.0	7.0			0.0130	0.0050

STORET RETRIEVAL DATE 85/05/01

476573
35 00 06.0 084 15 04.0 2
NEAR ATHLETIC FIELD
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 13.71
132TVAC 840706
0000 FEET DEPTH CSN-RSP 0737290-0695433

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	22018 PU-239 SEDIMENT PCI/G	22019 PU-239 SEDIMENT ERRO	22200 BE-7 SEDIMENT PCI/G	22201 BE-7 SED-ERR PCI/G	22250 NA-22 SEDIMENT PCI/G	22251 NA-22 SED-ERR PCI/G	22300 K-40 SEDIMENT PCI/G	22301 K-40 SED-ERR PCI/G	22350 TL-208 SEDIMENT PCI/G	22351 TL-208 SED-ERR PCI/G
84/06/22	14 45				6.50	0.80			21.0	2.0	1.00	0.10

DATE FROM TO	TIME OF DAY	DEPTH FEET	22375 BI-212 SEDIMENT PCI/G	22376 BI-212 SED-ERR PCI/G	22377 BI-214 SEDIMENT PCI/G	22378 BI-214 SED-ERR PCI/G	22450 AM-241 SEDIMENT PCI/G	22451 AM-241 SEDIMENT ERRO	22475 CU-244 SEDMENT PCI/G	22476 CU-244 SEDIMENT ERRO	22507 TH-234 SEDIMENT PCI/G	22508 TH-234 SED-ERR PCI/G
84/06/22	14 45		3.1	0.6	0.90	0.10	0.021	0.005	0.0012	0.0005	17.0	2.0

DATE FROM TO	TIME OF DAY	DEPTH FEET	22608 URANIUM SEDIMENT UG/G	22609 URANIUM SED-ERR UG/G	22612 U-235 SEDIMENT PCI/G	22613 U-235 SED-ERR PCI/G	22503 THORIUM/ URANIUM RATIO	22504 TH-ALPHA TOT WAT PC/L	27999 RU-106 SEDIMENT PCI/	28000 RU-106 SEDIMENT ERROR	28416 CS-134 SEDIMENT PCI/G	28417 CS-134 SED-ERR PCI/G
84/06/22	14 45		90.00	20.00	1.20	0.40			0.70	0.20		

DATE FROM TO	TIME OF DAY	DEPTH FEET	28418 CS-137 SEDIMENT PCI/G	28419 CS-137 SED-ERR PCI/G	29604 CO-60 SEDIMENT PCI/G	29605 CO-60 SED-ERR PCI/G	29650 EU-152 SEDIMENT PCI/G	29651 EU-152 SEDIMENT ERRO	29652 EU-154 SEDIMENT PCI/G	29653 EU-154 SEDIMENT ERRO	25503 AC-228 SEDIMENT PCI/G	25504 AC-228 SED-ERR PCI/G
84/06/22	14 45		1.3	0.1							1.4	0.3

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STORET RETRIEVAL DATE 85/04/12
 476573
36 00 06.0 084 15 04.0  2
NEAR ATHLETIC FIELD
47001 TENNESSEE          ANDERSON
CLINCH RIVER BASIN        040102
EAST FORK POPLAR CREEK 13.71
132TVAC
        840706      DEPTH     0 DATA LOCKED AFTER 8405
/TYPA/AMENT/STREAM
INDEX 1021500  007720  00920  7930   0610   0080
MILES 0953.80 0046.50 567.70 012.00 005.47 013.71   .     .     .     .     .     .
     INITIAL DATE                          84/06/22
     INITIAL TIME-DEPTH-BOTTOM             1445
34223 ANTHRACE  SEDUG/KG   DRY WGT        680 M
34233 BENZBFLU  ORANTMUD  DRYUG/KG        680 L
34245 BENZKFLU  SEDUG/KG   DRY WGT        680 L
34250 BENZAPYR  SEDUG/KG   DRY WGT        680 L
34276 B2CETETR  SEDUG/KG   DRY WGT        680 L
34281 B2CETOXM  SEDUG/KG   DRY WGT        680 L
34286 B2CIPETR  SEDUG/KG   DRY WGT        680 L
34295 NBB PHTH  MLD-DRY     LG/KG         680 L
34323 CHRYSENE  SEDUG/KG   DRY WGT        680 L
34339 CETHPHTH  SEDUG/KG   DRY WGT        680 L
34344 DMETPHTH  SEDUG/KG   DRY WGT        680 L
34349 12DPHNHY  SEDUG/KG   DRY WGT        680 L
34379 FLANTENE  SEDUG/KG   DRY WGT        870
34384 FLUORENE  SEDUG/KG   DRY WGT        680 L
34389 HEXCLCPD  SEDUG/KG   DRY WGT        680 L
34399 HEXACLET  SEDUG/KG   DRY WGT        680 L
34406 I123CDPR  SEDUG/KG   DRY WGT        680 L
34411 ISPHRONE  SEDUG/KG   DRY WGT        680 L
34431 NITCNPRA  SEDUG/KG   DRY WGT        680 L
34436 NITRSDPA  SEDUG/KG   DRY WGT        680 L
34441 NITRSDNA  SEDUG/KG   DRY WGT        680 L
34445 NAPTHALE  SEDUG/KG   DRY WGT        680 L
34450 NITROBEN  SEDUG/KG   DRY WGT        680 L
34464 PHENANTH  SEDUG/KG   DRY WGT        680 M
34472 PYRENE    SEDUG/KG   DRY WGT        680 M
34524 B26HIPER  SEDUG/KG   DRY WGT        680 L
34529 BENZAANT  SEDUG/KG   DRY WGT        680 L
34539 12DCLBEN  SEDUG/KG   DRY WGT        680 L
34554 124TCBEN  SEDUG/KG   DRY WGT        680 L
34559 DBAHANTH  SEDUG/KG   DRY WGT        680 L
34565 13DCLBEN  SEDUG/KG   DRY WGT        680 L
34574 14DCLBEN  SEDUG/KG   DRY WGT        680 L
34584 2CLNAPTH  SEDUG/KG   DRY WGT        680 L
34599 DINOCTPH  SEDUG/KG   DRY WGT        680 L
34614 24DNTOLU  SEDUG/KG   DRY WGT        680 L
34629 26DNTOLU  SEDUG/KG   DRY WGT        680 L
34634 33DCBNZD  SEDUG/KG   DRY WGT       1700 L
34639 4BRFPETR  SEDUG/KG   DRY WGT        680 L
34644 4CLFPETR  SEDUG/KG   DRY WGT        680 L
39102 B2E PHTH  MLD-DRY     UG/KG        1400
39112 DNB PHTH  MLD-DRY     UG/KG         680 L
39121 BENZIDIN  SEDUG/KG   DRY WGT       3400 L
39491 PCB-1221  SEDUG/KG   DRY WGT        100 L
39495 PCB-1232  SEDUG/KG   DRY WGT        100 L
39499 PCB-1242  SEDUG/KG   DRY WGT        100 L
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(SAMPLE CONTINUED ON NEXT PAGE)

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STORET RETRIEVAL DATE 85/04/12
 476573
36 00 06.0 084 15 04.0  2
NEAR ATHLETIC FIELD
47001 TENNESSEE          ANDERSON
CLINCH RIVER BASIN        040102
EAST FORK POPLAR CREEK 13.71
132TVAC
        840706      DEPTH     0 DATA LOCKED AFTER 8405
/TYPA/AMENT/STREAM
INDEX 1021500  007720  00920  7930   0610   0080
MILES 0953.80 0046.50 567.70 012.00 005.47 013.71   .     .     .     .     .     .
(SAMPLE CONTINUED FROM PREVIOUS PAGE)
     INITIAL DATE                          84/06/22
     INITIAL TIME-DEPTH-BOTTOM             1445
39503 PCB-1248   SEDUG/KG    DRY WGT        100 L
39507 PCB-1254   SEDUG/KG    DRY WGT        100 L
39511 PCB-1260   SEDUG/KG    DRY WGT        100 L
39514 PCB-1016   SEDUG/KG    DRY WGT        100 L
39701 HCB        SEDUG/KG    DRY WGT        680 L
39705 HEXCLBD    SEDUG/KG    DRY WGT        680 L
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STORET RETRIEVAL DATE 85/04/12

476546
36 06 06.4 084 14 57.5 1
NEAR ATHLETIC FIELD
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 13.74
132TVAC 840706
0000 FEET DEPTH CSN-RSP 0737277-0695390

/TYPA/AMENT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	70320 MOISTURE CONTENT PERCENT	70322 RESIDUE TOT VOL PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	81356 CATION EX. CAP. MEA/100G	71921 MERCURY SEDMG/KG DRY WGT	81756 TOT SED PARTSIZ% <.0005MM	80181 TOT SED PARTSIZE %<.002MM	80183 TOT SED PARTSIZE %<.008MM
84/06/18	14 10		427	D2	31	5.0	2.64	7.8	29.0	4.6	11.7	19.4
	14 11		4051116R	D2C								

DATE FROM TO	TIME OF DAY	DEPTH FEET	80184 TOT SED PARTSIZE %<.016MM	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	00557 OIL-GRSE MUD FRGR MG/KG	00721 CYANIDE SEDMG/KG DRY WGT	01003 ARSENIC SEDMG/KG DRY WGT	01028 CD MUD DRY WGT MG/KG-CD	01029 CHROMIUM SEDMG/KG DRY WGT
84/06/18	14 10		23.9	28.5	47.9	69.20	94.7	930	0.8U	8.0	0.5U	24

DATE FROM TO	TIME OF DAY	DEPTH FEET	01052 LEAD SEDMG/KG DRY WGT	01068 NICKEL SEDMG/KG DRY WGT	01078 SILVER SEDMG/KG DRY WGT	01163 ZR MUD DRY WGT MG/KG-ZR
84/06/18	14 10		36	26	8	360

STORET RETRIEVAL DATE 85/04/12

476546
36 00 06.4 084 14 57.5 1
NEAR ATHLETIC FIELD
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 13.74
132TVAC 840706
0000 FEET DEPTH CSN-RSP 0737277-0695390

/TYPA/APPNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	01507 ALPHA SEDIMENT PC/G	01508 ALPHA SED-ERR PC/G	03507 BETA SEDIMENT PC/G	03508 BETA SED-ERR PC/G	09507 RA-226 SEDIMENT PC/G	09508 RA-226 SED-ERR PC/G
84/06/18	14 10		427	02			15.0	4.0	80	20	0.58	0.05
	14 11		4051116R	02C			16.0	4.0	90	20		

DATE FROM TO	TIME OF DAY	DEPTH FEET	11506 RA-224 SEDIMENT PCI/G	11507 RA-224 SED-ERR PCI/G	11508 RA-223 SEDIMENT PCI/G	11509 RA-223 SEDIMENT ERROR	15505 SR-89 SEDIMENT PCI/G	15506 SR-89 SED-ERR PCI/G	15507 SR-90 SEDIMENT PCI/G	15508 SR-90 SED-ERR PCI/G	17509 PB-212 SEDIMENT PCI/G	17510 PB-212 SED-ERR PCI/G
84/06/18	14 10						0.5	0.3	0.0	0.1	1.30	0.20
	14 11				1.70	0.50	0.1	0.3	0.1	0.1	1.40	0.20

DATE FROM TO	TIME OF DAY	DEPTH FEET	17511 PB-214 SEDIMENT PCI/G	17512 PB-214 SED-ERR PCI/G	21503 PA-233 SEDIMENT PCI/G	21504 PA-233 SED-ERR PCI/G	21505 MPA-234 SEDIMENT PCI/G	21506 MPA-234 SED-ERR PCI/G	21508 PA-234 SEDIMENT PCI/G	21509 PA-234 SEDIMENT ERROR	22015 PU-238 SEDIMENT PCI/G	22017 PU-238 SEDIMENT ERRO
84/06/18	14 10		0.33	0.63	0.028	0.008	11.0	2.0			0.0080	0.0020
	14 11		0.80	0.10								

STORET RETRIEVAL DATE 85/05/01

476546
35 00 06.4 084 14 57.5 1
NEAR ATHLETIC FIELD
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 13.74
132TVAC 840706
0000 FEET DEPTH CSN-RSP 0737277-0695390

/TYPA/AMONT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	22018 PU-239 SEDIMENT PCI/G	22019 PU-239 SEDIMENT ERRO	22200 BE-7 SEDIMENT PCI/G	22201 BE-7 SED-ERR PCI/G	22250 NA-22 SEDIMENT PCI/G	22251 NA-22 SED-ERR PCI/G	22300 K-40 SEDIMENT PCI/G	22301 K-40 SED-ERR PCI/G	22350 TL-208 SEDIMENT PCI/G	22351 TL-208 SED-ERR PCI/G
84/06/18	14	10			1.00	0.10			21.0	2.0	0.47	0.05
	14	11			1.30	0.40			25.0	2.0	0.53	0.07

DATE FROM TO	TIME OF DAY	DEPTH FEET	22375 BI-212 SEDIMENT PCI/G	22376 BI-212 SED-ERR PCI/G	22377 BI-214 SEDIMENT PCI/G	22378 BI-214 SED-ERR PCI/G	22450 AM-241 SEDIMENT PCI/G	22451 AM-241 SEDIMENT ERRO	22475 CU-244 SEDMENT PCI/G	22476 CU-244 SEDIMENT ERRO	22507 TH-234 SEDIMENT PCI/G	22508 TH-234 SED-ERR PCI/G
84/06/18	14	10	1.6	0.2	0.58	0.05	0.017	0.005	0.0050	0.0030	6.7	0.8
	14	11	1.6	0.4	0.70	0.10					9.0	1.0

DATE FROM TO	TIME OF DAY	DEPTH FEET	22608 URANIUM SEDIMENT UG/G	22609 URANIUM SED-ERR UG/G	22612 U-235 SEDIMENT PCI/G	22613 U-235 SED-ERR PCI/G	22503 THORIUM/ URANIUM RATIO	22504 TH-ALPHA TOT WAT PC/L	27999 RU-106 SEDIMENT PCI/	28000 RU-106 SEDIMENT ERROR	28416 CS-134 SEDIMENT PCI/G	28417 CS-134 SED-ERR PCI/G
84/06/18	14	10	18.00	3.00	0.42	0.08			0.11	0.04	0.016	0.003
	14	11	16.00	3.00								

DATE FROM TO	TIME OF DAY	DEPTH FEET	28418 CS-137 SEDIMENT PCI/G	28419 CS-137 SED-ERR PCI/G	29604 CO-60 SEDIMENT PCI/G	29605 CO-60 SED-ERR PCI/G	29650 EU-152 SEDIMENT PCI/G	29651 EU-152 SEDIMENT ERRO	29652 EU-154 SEDIMENT PCI/G	29653 EU-154 SEDIMENT ERRO	25503 AC-228 SEDIMENT PCI/G	25504 AC-228 SED-ERR PCI/G
84/06/18	14	10	1.1	0.1	0.040	0.010					1.1	0.1
	14	11	1.1	0.1							1.3	0.2

```
STORET RETRIEVAL DATE 85/04/12
 476546
36 00 06.4 084 14 57.5  1
NEAR ATHLETIC FIELD
47001 TENNESSEE          ANDERSON
CLINCH RIVER BASIN        040102
EAST FORK POPLAR CREEK 13.74
132TVAC
        840706      DEPTH     0 DATA LOCKED AFTER 8405
/TYPA/AMENT/STREAM
INDEX 1C21500  007720  00926  7930   0610   0080
MILES 0953.80 0046.50 567.70 012.00 005.47 013.74   .     .     .     .     .     .
     INITIAL DATE                          84/06/18
     INITIAL TIME-DEPTH-BOTTOM             1410
34223 ANTHRACE   SEDUG/KG   DRY WGT        670 M
34233 BENZBFLU   ORANTMUD  DRYUG/KG        670 L
34245 BENZKFLU   SEDUG/KG   DRY WGT        670 L
34250 BENZAPYR   SEDUG/KG   DRY WGT        670 L
34276 B2CETETR   SEDUG/KG   DRY WGT        670 L
34281 B2CETOXM   SEDUG/KG   DRY WGT        670 L
34286 B2CIPETR   SEDUG/KG   DRY WGT        670 L
34295 N88 PHTH   MLD-DRY     UG/KG         670 L
34323 CHRYSENE   SEDUG/KG   DRY WGT        670 L
34339 DETHPHTH   SEDUG/KG   DRY WGT        670 L
34344 DMETPHTH   SEDUG/KG   DRY WGT        670 L
34349 12DPHNHY   SEDUG/KG   DRY WGT        670 L
34379 FLANTENE   SEDUG/KG   DRY WGT        920
34384 FLUORENE   SEDUG/KG   DRY WGT        670 L
34389 HEXCLCPD   SEDUG/KG   DRY WGT        670 L
34399 HEXACLET   SEDUG/KG   DRY WGT        670 L
34406 I123CDPR   SEDUG/KG   DRY WGT        670 L
34411 ISPHRONE   SEDUG/KG   DRY WGT        670 L
34431 NITCNPRA   SEDUG/KG   DRY WGT        670 L
34436 NITRSDPA   SEDUG/KG   DRY WGT        670 L
34441 NITRSDMA   SEDUG/KG   DRY WGT        670 L
34445 NAPTHALE   SEDUG/KG   DRY WGT        670 L
34450 NITROBEN   SEDUG/KG   DRY WGT        670 L
34464 PHENANTH   SEDUG/KG   DRY WGT        670 M
34472 PYRENE     SEDUG/KG   DRY WGT        670 M
34524 B26HIPER   SEDUG/KG   DRY WGT        670 L
34529 BENZAANT   SEDUG/KG   DRY WGT        670 L
34539 12DCLBEN   SEDUG/KG   DRY WGT        670 L
34554 124TCBEN   SEDUG/KG   DRY WGT        670 L
34559 CBAHANTH   SEDUG/KG   DRY WGT        670 L
34569 13DCLBEN   SEDUG/KG   DRY WGT        670 L
34574 14DCLBEN   SEDUG/KG   DRY WGT        670 L
34584 2CLNAPTH   SEDUG/KG   DRY WGT        670 L
34599 DINOCTPH   SEDUG/KG   DRY WGT        670 L
34614 24DNTOLU   SEDUG/KG   DRY WGT        670 L
34629 26DNTOLU   SEDUG/KG   DRY WGT        670 L
34634 33DCBNZD   SEDUG/KG   DRY WGT       1700 L
34635 4BRPPETR   SEDUG/KG   DRY WGT        670 L
34644 4CLPPETR   SEDUG/KG   DRY WGT        670 L
39102 B2E PHTH   MLD-DRY     UG/KG         860
39112 DNB PHTH   MLD-DRY     UG/KG         670 L
39121 BENZIDIN   SEDUG/KG   DRY WGT       3400 L
39491 PCB-1221   SEDUG/KG   DRY WGT        100 L
39495 PCB-1232   SEDUG/KG   DRY WGT        100 L
39499 PCB-1242   SEDUG/KG   DRY WGT        100 L
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(SAMPLE CONTINUED ON NEXT PAGE)

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STORET RETRIEVAL DATE 85/04/12
 476546
36 00 06.4 084 14 57.5  1
NEAR ATHLETIC FIELD
47001 TENNESSEE          ANDERSON
CLINCH RIVER BASIN        040102
EAST FORK POPLAR CREEK 13.74
132TVAC
        840706      DEPTH     0 DATA LOCKED AFTER 8405
/TYPA/AMENT/STREAM
INDEX 102150C  007720  00920  793C   0610   0080
MILES 0952.80 0046.50 567.70 012.00 005.47 013.74   .     .     .     .     .     .
(SAMPLE CONTINUED FROM PREVIOUS PAGE)
     INITIAL DATE                          84/06/18
     INITIAL TIME-DEPTH-BOTTOM             1410
39503 PCB-1248  SEDUG/KG   DRY WGT         100 L
39507 PCB-1254  SEDUG/KG   DRY WGT         300
39511 PCB-1260  SEDUG/KG   DRY WGT         600
39514 PCB-1016  SEDUG/KG   DRY WGT         100 L
39701 HCB       SEDUG/KG   DRY WGT         670 L
39705 HEXCLBD   SEDUG/KG   DRY WGT         670 L
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STORET RETRIEVAL DATE 85/04/12

476507
35 59 49.3 084 14 27.3 1
BELOW NEW HOPE POND DIVERSION POINT
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 14.36
132TVAC 840601
0000 FEET DEPTH CSN-RSP 0735368-0695321

/TYPA/ARBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	70320 MOISTURE CONTENT PERCENT	70322 RESIDUE TOT VOL PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	81356 CATION EX. CAP. MEA/100G	71921 MERCURY SEDMG/KG DRY WGT	81756 TOT SED PARTSIZ% <.0005MM	80181 TOT SED PARTSIZE %<.002MM	80183 TOT SED PARTSIZE %<.008MM
84/05/09	14 57	0001		OK1								
84/05/31	15 46	0001	6	OK4								
84/06/18	13 00		426	D1	52	11.0	2.37	14.0	170.0	2.8	8.1	20.2
	13 01		429	D1C	52	12.0	2.13	12.0	160.0	10.0	16.2	24.6
84/09/13	11 05	0001	4609	OK4								

DATE FROM TO	TIME OF DAY	DEPTH FEET	80184 TOT SED PARTSIZE %<.016MM	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	00557 OIL-GRSE MUD FRGR MG/KG	00721 CYANIDE SEDMG/KG DRY WGT	01003 ARSENIC SEDMG/KG DRY WGT	01028 CD MUD DRY WGT MG/KG-CD	01029 CHROMIUM SEDMG/KG DRY WGT
84/06/18	13 00		32.5	47.5	59.3	85.20	97.4	3200	1.0U	13.0	7.8	50
	13 01		29.7	44.4	55.0	83.80	96.3	6100	1.0U	14.0	8.5	47

DATE FROM TO	TIME OF DAY	DEPTH FEET	01052 LEAD SEDMG/KG DRY WGT	01068 NICKEL SEDMG/KG DRY WGT	01078 SILVER SEDMG/KG DRY WGT	01163 ZR MUD DRY WGT MG/KG-ZR
84/06/18	13 00		89	56	45	420
	13 01		94	64	44	440

STORET RETRIEVAL DATE 85/04/12

476507
35 59 49.3 084 14 27.3 1
BELOW NEW HOPE POND DIVERSION POINT
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 14.36
132TVAC 840601
0000 FEET DEPTH CSN-RSP 0735368-0695321

/TYPA/APBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	01507 ALPHA SEDIMENT PC/G	01508 ALPHA SED-ERR PC/G	03507 BETA SEDIMENT PC/G	03508 BETA SED-ERR PC/G	09507 RA-226 SEDIMENT PC/G	09508 RA-226 SED-ERR PC/G
84/05/09	14 57	0001		OK1								
84/05/31	15 46	0001	6	OK4								
84/06/18	13 00		426	D1			40.0	10.0	110	20		
	13 01		429	D1C			39.0	9.0	110	20		
84/09/13	11 05	0001	4609	OK4								

DATE FROM TO	TIME OF DAY	DEPTH FEET	11506 RA-224 SEDIMENT PCI/G	11507 RA-224 SED-ERR PCI/G	11508 RA-223 SEDIMENT PCI/G	11509 RA-223 SEDIMENT ERROR	15505 SR-89 SEDIMENT PCI/G	15506 SR-89 SED-ERR PCI/G	15507 SR-90 SEDIMENT PCI/G	15508 SR-90 SED-ERR PCI/G	17509 PB-212 SEDIMENT PCI/G	17510 PB-212 SED-ERR PCI/G
84/06/18	13 00		4.00	1.00			0.3	0.3	0.0	0.1	3.00	0.30
	13 01		4.00	1.00	4.80	0.90	0.4	0.3	0.0	0.1	3.30	0.40

DATE FROM TO	TIME OF DAY	DEPTH FEET	17511 PB-214 SEDIMENT PCI/G	17512 PB-214 SED-ERR PCI/G	21503 PA-233 SEDIMENT PCI/G	21504 PA-233 SED-ERR PCI/G	21505 MPA-234 SEDIMENT PCI/G	21506 MPA-234 SED-ERR PCI/G	21508 PA-234 SEDIMENT PCI/G	21509 PA-234 SEDIMENT ERROR	22015 PU-238 SEDIMENT PCI/G	22017 PU-238 SEDIMENT ERRO
84/06/18	13 00		1.10	0.20			36.0	7.0			0.0210	0.0030
	13 01		0.90	0.10	0.180	0.070	36.0	7.0				

STORET RETRIEVAL DATE 85/05/01

476507
35 59 49.3 084 14 27.3 1
BELOW NEW HOPE POND DIVERSION POINT
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 14.36
132TVAC 840601
0000 FEET DEPTH CSN-RSP 0735368-0695321

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	22018 PU-239 SEDIMENT PCI/G	22019 PU-239 SEDIMENT ERRO	22230 BE-7 SEDIMENT PCI/G	22201 BE-7 SED-ERR PCI/G	22250 NA-22 SEDIMENT PCI/G	22251 NA-22 SED-ERR PCI/G	22300 K-40 SEDIMENT PCI/G	22301 K-40 SED-ERR PCI/G	22350 TL-208 SEDIMENT PCI/G	22351 TL-208 SED-ERR PCI/G
84/06/18	13 00		0.027	0.005	3.10	0.60			16.0	2.0	1.00	0.20
	13 01				3.70	0.60			14.0	2.0	1.20	0.10

DATE FROM TO	TIME OF DAY	DEPTH FEET	22375 BI-212 SEDIMENT PCI/G	22376 BI-212 SED-ERR PCI/G	22377 BI-214 SEDIMENT PCI/G	22378 BI-214 SED-ERR PCI/G	22450 AM-241 SEDIMENT PCI/G	22451 AM-241 SEDIMENT ERRO	22475 CU-244 SEDMENT PCI/G	22476 CU-244 SEDIMENT ERRO	22507 TH-234 SEDIMENT PCI/G	22508 TH-234 SED-ERR PCI/G
84/06/18	13 00		3.1	0.6	1.00	0.20	0.029	0.007	0.0060	0.0030	21.0	3.0
	13 01		3.7	0.7	0.80	0.10					23.0	3.0

DATE FROM TO	TIME OF DAY	DEPTH FEET	22608 URANIUM SEDIMENT UG/G	22609 URANIUM SED-ERR UG/G	22612 U-235 SEDIMENT PCI/G	22613 U-235 SED-ERR PCI/G	22503 THORIUM/ URANIUM RATIO	22504 TH-ALPHA TOT WAT PC/L	27999 RU-106 SEDIMENT PCI/	28000 RU-106 SEDIMENT ERROR	28416 CS-134 SEDIMENT PCI/G	28417 CS-134 SED-ERR PCI/G
84/06/18	13 00		24.00	4.00	1.60	0.50						
	13 01		26.00	4.00	1.20	0.50			0.60	0.20		

DATE FROM TO	TIME OF DAY	DEPTH FEET	28418 CS-137 SEDIMENT PCI/G	28419 CS-137 SED-ERR PCI/G	29604 CO-60 SEDIMENT PCI/G	29605 CO-60 SED-ERR PCI/G	29650 EU-152 SEDIMENT PCI/G	29651 EU-152 SEDIMENT ERRO	29652 EU-154 SEDIMENT PCI/G	29653 EU-154 SEDIMENT ERRO	25503 AC-228 SEDIMENT PCI/G	25504 AC-228 SED-ERR PCI/G
84/06/18	13 00		2.8	0.3							1.8	0.3
	13 01		2.7	0.2	0.070	0.020					1.7	0.2

STORET RETRIEVAL DATE 85/04/12
476507
35 59 49.3 084 14 27.3 1
BELOW NEW HOPE POND DIVERSION POINT
47001 TENNESSEE ANDERSON
CLINCH RIVER BASIN 040102
EAST FORK POPLAR CREEK 14.36
132TVAC
840601 DEPTH 0 DATA LOCKED AFTER 8405
/TYPA/AMENT/STREAM
INDEX 1021500 007720 00920 7930 0610 0080
MILES 0553.80 0046.50 567.70 012.00 005.47 014.36 . . . . . .

	INITIAL DATE			84/06/18		84/06/18
	INITIAL TIME-DEPTH-BOTTOM			1300		1301
34223	ANTHRACE	SEDUG/KG	DRY WGT	750	M	880 M
34233	BENZBFLU	GRANTMUD	DRYUG/KG	750	L	880 U
34245	BENZKFLU	SEDUG/KG	DRY WGT	750	L	880 U
34250	BENZAPYR	SEDUG/KG	DRY WGT	750	L	880 M
34276	B2CETETR	SEDUG/KG	DRY WGT	750	L	880 U
34281	B2CETOXM	SEDUG/KG	DRY WGT	750	L	880 U
34286	B2CIPETR	SEDUG/KG	DRY WGT	750	L	880 U
34295	NBB PHTH	MLD-DRY	UG/KG	750	L	880 U
34323	CHRYSENE	SEDUG/KG	DRY WGT	750	M	880 M
34339	DETHPHTH	SEDUG/KG	DRY WGT	750	U	880 U
34344	DMETPHTH	SEDUG/KG	DRY WGT	750	L	880 U
34349	12DPHNHY	SEDUG/KG	DRY WGT	750	L	880 U
34379	FLANTENE	SEDUG/KG	DRY WGT	2700		2000
34384	FLUORENE	SEDUG/KG	DRY WGT	750	L	880 U
34389	HEXCLCPD	SEDUG/KG	DRY WGT	750	L	880 U
34399	HEXACLET	SEDUG/KG	DRY WGT	750	L	880 U
34406	I123CDPR	SEDUG/KG	DRY WGT	750	L	880 U
34411	ISPHRONE	SEDUG/KG	DRY WGT	750	L	880 U
34431	NITDNPRA	SEDUG/KG	DRY WGT	750	L	880 U
34436	NITRSDPA	SEDUG/KG	DRY WGT	750	L	880 U
34441	NITRSDMA	SEDUG/KG	DRY WGT	750	U	880 U
34445	NAPTHALE	SEDUG/KG	DRY WGT	750	L	880 U
34450	NITRBBEN	SEDUG/KG	DRY WGT	750	L	880 U
34464	PHENANTH	SEDUG/KG	DRY WGT	2000		1300
34472	PYRENE	SEDUG/KG	DRY WGT	1800		1400
34524	BZGHIPER	SEDUG/KG	DRY WGT	750	L	880 U
34529	BENZAANT	SEDUG/KG	DRY WGT	750	L	880 U
34539	12DCLBEN	SEDUG/KG	DRY WGT	750	L	880 U
34554	124TCBEN	SEDUG/KG	DRY WGT	750	L	880 U
34559	CBAHANTH	SEDUG/KG	DRY WGT	750	L	880 U
34569	13DCLBEN	SEDUG/KG	DRY WGT	750	L	880 U
34574	14DCLBEN	SEDUG/KG	DRY WGT	750	L	880 U
34584	2CLNAPTH	SEDUG/KG	DRY WGT	750	L	880 U
34599	DINOCTPH	SEDUG/KG	DRY WGT	750	L	880 U
34614	24DNTOLU	SEDUG/KG	DRY WGT	750	L	880 U
34629	26DNTOLU	SEDUG/KG	DRY WGT	750	L	880 U
34634	33DCBNZD	SEDUG/KG	DRY WGT	1900	L	2200 U
34639	4BRPPETR	SEDUG/KG	DRY WGT	750	L	880 U
34644	4CLPPETR	SEDUG/KG	DRY WGT	750	L	880 U
39102	B2E PHTH	MLD-DRY	UG/KG	1500		1700
39112	DNB PHTH	MLD-DRY	UG/KG	750	L	880 U
39121	BENZIDIN	SEDUG/KG	DRY WGT	3800	L	4400 U
39491	PCB-1221	SEDUG/KG	DRY WGT	100	L	100 U
39495	PCB-1232	SEDUG/KG	DRY WGT	100	L	100 U
39499	PCB-1242	SEDUG/KG	DRY WGT	100	L	100 U

(SAMPLE CONTINUED ON NEXT PAGE)

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STORET RETRIEVAL DATE 85/04/12
 476507
35 59 49.3 084 14 27.3  1
BELOW NEW HOPE POND DIVERSION POINT
47001 TENNESSEE          ANDERSON
CLINCH RIVER BASIN        040102
EAST FORK POPLAR CREEK 14.36
132TVAC
        840601      DEPTH     0 DATA LOCKED AFTER 8405
/TYPA/APENT/STREAM
INDEX 1021500  007720  00920  7930   0610   0080
MILES 0953.80 0046.50 567.70 012.00 005.47 014.36   .     .     .     .     .     .
(SAMPLE CONTINUED FROM PREVIOUS PAGE)
     INITIAL DATE                          84/06/18  84/06/18
     INITIAL TIME-DEPTH-BOTTOM             1300      1301
39503 PCB-1248   SEDUG/KG    DRY WGT        100 U     100 U
39507 PCB-1254   SEDUG/KG    DRY WGT       2000      2000
39511 PCB-1260   SEDUG/KG    DRY WGT       3900      4000
39514 PCB-1016   SEDUG/KG    DRY WGT        100 U     100 U
39701 HCB        SEDUG/KG    DRY WGT        750 U     880 U
39705 HEXCLBD    SEDUG/KG    DRY WGT        750 U     880 U
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APPENDIX II - TABLE 1

BEAR CREEK

STORET RETRIEVAL DATE 85/04/12

476515
35 56 49.4 084 22 01.2 1
UPSTREAM FROM THE INFLUENCE OF EFPC BACKWATER
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
BEAR CREEK 0.55
132TVAC 840601
0000 FEET DEPTH CSN-RSP 0735375-0695338

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	70320 MOISTURE CONTENT PERCENT	70322 RESIDUE TOT VOL PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	81356 CATION EX. CAP. MEA/100G	71921 MERCURY SEDMG/KG DRY WGT	81756 TOT SED PARTSIZ% <.0005MM	80181 TOT SED PARTSIZE %<.002MM	80183 TOT SED PARTSIZE %<.008MM
84/06/20	14 45		475	D18	29	3.2	2.32	6.6	0.1U	9.8	15.9	24.8

DATE FROM TO	TIME OF DAY	DEPTH FEET	80184 TOT SED PARTSIZE %<.016MM	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	00557 OIL-GRSE MUD FRGR MG/KG	00721 CYANIDE SEDMG/KG DRY WGT	01003 ARSENIC SEDMG/KG DRY WGT	01028 CD MUD DRY WGT MG/KG-CD	01029 CHROMIUM SEDMG/KG DRY WGT
84/06/20	14 45		32.1	45.5					0.8U	3.6	0.5U	16

DATE FROM TO	TIME OF DAY	DEPTH FEET	01052 LEAD SEDMG/KG DRY WGT	01068 NICKEL SEDMG/KG DRY WGT	01078 SILVER SEDMG/KG DRY WGT	01163 ZR MUD DRY WGT MG/KG-ZR
84/06/20	14 45		37	18	1U	590

STORET RETRIEVAL DATE 85/04/12

476515
35 56 49.4 084 22 01.2 1
UPSTREAM FROM THE INFLUENCE OF EFPC BACKWATER
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
BEAR CREEK 0.55
132TVAC 840601
0000 FEET DEPTH CSN-RSP 0735375-0695338

/TYPA/AGENT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	01507 ALPHA SEDIMENT PC/G	01508 ALPHA SED-ERR PC/G	03507 BETA SEDIMENT PC/G	03508 BETA SED-ERR PC/G	09507 RA-226 SEDIMENT PC/G	09508 RA-226 SED-ERR PC/G
84/06/20	14 45		475	018			7.0	3.0	50	10		

DATE FROM TO	TIME OF DAY	DEPTH FEET	11506 RA-224' SEDIMENT PCI/G	11507 RA-224 SED-ERR PCI/G	11508 RA-223 SEDIMENT PCI/G	11509 RA-223 SEDIMENT ERROR	15505 SR-89 SEDIMENT PCI/G	15506 SR-89 SED-ERR PCI/G	15507 SR-90 SEDIMENT PCI/G	15508 SR-90 SED-ERR PCI/G	17509 PB-212 SEDIMENT PCI/G	17510 PB-212 SED-ERR PCI/G
84/06/20	14 45						0.1	0.3	0.1	0.1	0.80	0.10

DATE FROM TO	TIME OF DAY	DEPTH FEET	17511 PB-214 SEDIMENT PCI/G	17512 PB-214 SED-ERR PCI/G	21503 PA-233 SEDIMENT PCI/G	21504 PA-233 SED-ERR PCI/G	21505 MPA-234 SEDIMENT PCI/G	21506 MPA-234 SED-ERR PCI/G	21508 PA-234 SEDIMENT PCI/G	21509 PA-234 SEDIMENT ERROR	22015 PU-238 SEDIMENT PCI/G	22017 PU-238 SEDIMENT ERRO
84/06/20	14 45		0.80	0.10			5.0	3.0				

STORET RETRIEVAL DATE 85/03/01

476515
35 55 49.4 084 22 31.2 1
UPSTREAM FROM THE INFLUENCE OF EFPC BACKWATER
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
BEAR CREEK 0.55
132TVAC 840601
3000 FEET DEPTH CSN-RSP 0735375-0695338

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	22019 PU-239 SEDIMENT PCI/G	22019 PU-239 SEDIMENT ERRO	22200 BE-7 SEDIMENT PCI/G	22201 BE-7 SED-ERR PCI/G	22250 NA-22 SEDIMENT PCI/G	22251 NA-22 SED-ERR PCI/G	22300 K-40 SEDIMENT PCI/G	22301 K-40 SED-ERR PCI/G	22350 TL-208 SEDIMENT PCI/G	22351 TL-208 SED-ERR PCI/G
84/06/20	14 45								18.0	2.0	0.32	0.04

DATE FROM TO	TIME OF DAY	DEPTH FEET	22375 BI-212 SEDIMENT PCI/G	22376 BI-212 SED-ERR PCI/G	22377 BI-214 SEDIMENT PCI/G	22378 BI-214 SED-ERR PCI/G	22450 AM-241 SEDIMENT PCI/G	22451 AM-241 SEDIMENT ERRO	22475 CU-244 SEDMENT PCI/G	22476 CU-244 SEDIMENT ERRO	22507 TH-234 SEDIMENT PCI/G	22508 TH-234 SED-ERR PCI/G
84/06/20	14 45		0.9	0.3	0.80	0.10					2.9	0.7

DATE FROM TO	TIME OF DAY	DEPTH FEET	22608 URANIUM SEDIMENT UG/G	22609 URANIUM SED-ERR UG/G	22612 U-235 SEDIMENT PCI/G	22613 U-235 SED-ERR PCI/G	22503 THORIUM/ URANIUM RATIO	22504 TH-ALPHA TOT WAT PC/L	27999 RU-106 SEDIMENT PCI/	28000 RU-106 SEDIMENT ERROR	28416 CS-134 SEDIMENT PCI/G	28417 CS-134 SED-ERR PCI/G
84/06/20	14 45		9.00	2.00								

DATE FROM TO	TIME OF DAY	DEPTH FEET	28418 CS-137 SEDIMENT PCI/G	28419 CS-137 SED-ERR PCI/G	29604 CO-60 SEDIMENT PCI/G	29605 CO-60 SED-ERR PCI/G	29650 EU-152 SEDIMENT PCI/G	29651 EU-152 SEDIMENT ERRO	29652 EU-154 SEDIMENT PCI/G	29653 EU-154 SEDIMENT ERRO	25503 AC-228 SEDIMENT PCI/G	25504 AC-228 SED-ERR PCI/G
84/06/20	14 45		0.1	0.02							0.8	0.1

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STORET RETRIEVAL DATE 85/04/12
 476515
35 56 49.4 084 22 01.2  1
UPSTREAM FROM THE INFLUENCE OF EFPC BACKWATER
47145 TENNESSEE          ROANE
CLINCH RIVER BASIN        040102
BEAR CREEK 0.55
132TVAC
        840601      DEPTH     0 DATA LOCKED AFTER 8405
/TYPA/AMENT/STREAM
INDEX 1021500  007720  00920  7930   0610   0080   0020
MILES 0953.80 0046.50 567.70 012.00 005.47 001.47 00.55   .     .     .     .     .
     INITIAL DATE                          84/06/20
     INITIAL TIME-DEPTH-BOTTOM             1445
34223 ANTHRACE  SEDUG/KG   DRY WGT      650 U
34233 BENZBFLU  ORANTMUD  DRYUG/KG      650 U
34245 BENZKFLU  SEDUG/KG   DRY WGT      650 U
34250 BENZAPYR  SEDUG/KG   DRY WGT      650 U
34276 B2CETETR  SEDUG/KG   DRY WGT      650 U
34281 B2CETOXM  SEDUG/KG   DRY WGT      650 U
34286 B2CIPETR  SEDUG/KG   DRY WGT      650 U
34295 NBB PHTH  MLD-DRY     UG/KG       650 U
34323 CHRYSENE  SEDUG/KG   DRY WGT      650 U
34339 DETHPHTH  SEDUG/KG   DRY WGT      650 U
34344 DMETPHTH  SEDUG/KG   DRY WGT      650 U
34349 12DPHNHY  SEDUG/KG   DRY WGT      650 U
34379 FLANTENE  SEDUG/KG   DRY WGT      650 U
34384 FLUORENE  SEDUG/KG   DRY WGT      650 U
34389 HEXCLCPD  SEDUG/KG   DRY WGT      650 U
34399 HEXACLET  SEDUG/KG   DRY WGT      650 U
34406 I123CDPR  SEDUG/KG   DRY WGT      650 U
34411 ISPHRONE  SEDUG/KG   DRY WGT      650 U
34431 NITCNPRA  SEDUG/KG   DRY WGT      650 U
34436 NITRSDPA  SEDUG/KG   DRY WGT      650 U
34441 NITRSDMA  SEDUG/KG   DRY WGT      650 U
34445 NAPTHALE  SEDUG/KG   DRY WGT      650 U
34450 NITROBEN  SEDUG/KG   DRY WGT      650 U
34464 PHENANTH  SEDUG/KG   DRY WGT      650 U
34472 PYRENE    SEDUG/KG   DRY WGT      650 U
34524 BZGHIPER  SEDUG/KG   DRY WGT      650 U
34529 BENZAANT  SEDUG/KG   DRY WGT      650 U
34539 12DCLBEN  SEDUG/KG   DRY WGT      650 U
34554 124TCBEN  SEDUG/KG   DRY WGT      650 U
34559 CRAHANTH  SEDUG/KG   DRY WGT      650 U
34569 13DCLBEN  SEDUG/KG   DRY WGT      650 U
34574 14DCLBEN  SEDUG/KG   DRY WGT      650 U
34584 2CLNAPTH  SEDUG/KG   DRY WGT      650 U
34599 DINOCTPH  SEDUG/KG   DRY WGT      650 U
34614 24DNTOLU  SEDUG/KG   DRY WGT      650 U
34629 26DNTOLU  SEDUG/KG   DRY WGT      650 U
34634 33DCBNZD  SEDUG/KG   DRY WGT     1600 U
34639 4BRPPETR  SEDUG/KG   DRY WGT      650 U
34644 4CLPPETR  SEDUG/KG   DRY WGT      650 U
39102 B2E PHTH  MLD-DRY     UG/KG       650 U
39112 DNB PHTH  MLD-DRY     UG/KG       650 U
39121 BENZIDIN  SEDUG/KG   DRY WGT     3200 U
39491 PCB-1221  SEDUG/KG   DRY WGT      100 U
39495 PCB-1232  SEDUG/KG   DRY WGT      100 U
39499 PCB-1242  SEDUG/KG   DRY WGT      100 U
(SAMPLE CONTINUED ON NEXT PAGE)
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STORET RETRIEVAL DATE 85/04/12
 476515
35 56 49.4 084 22 01.2  1
UPSTREAM FROM THE INFLUENCE OF EFPC BACKWATER
47145 TENNESSEE          ROANE
CLINCH RIVER BASIN        040102
BEAR CREEK 0.55
132TVAC
        840601      DEPTH     0 DATA LOCKED AFTER 8405
/TYPA/AMBNT/STREAM
INDEX 1021500  007720  00920  7930   0610   0080   0020
MILES 0953.80 0046.50 567.70 012.00 005.47 001.47 00.55   .    .    .    .    .
(SAMPLE CONTINUED FROM PREVICUS PAGE)
     INITIAL DATE                          84/06/20
     INITIAL TIME-DEPTH-BOTTOM             1445
39503 PCB-1248  SEDUG/KG   DRY WGT        100 L
39507 PCB-1254  SEDUG/KG   DRY WGT        100 L
39511 PCB-1260  SEDUG/KG   DRY WGT        100 L
39514 PCB-1016  SEDUG/KG   DRY WGT        100 L
39701 HCB       SEDUG/KG   DRY WGT        650 L
39705 HEXCLBD   SEDUG/KG   DRY WGT        650 L
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STORET RETRIEVAL DATE 85/04/12

476514
35 56 14.5 084 20 25.0 1
AT NPDES MONITORING STA. BEAR CR/WHITE WINGS RDS
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
BEAR CREEK 2.8
132TVAC 840601
0000 FEET DEPTH CSN-RSP 0735374-0695337

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	70320 MOISTURE CONTENT PERCENT	70322 RESIDUE TOT VOL PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	81356 CATION EX. CAP. MEA/100G	71921 MERCURY SEDMG/KG DRY WGT	81756 TOT SED PARTSIZ% <.0005MM	80181 TOT SED PARTSIZE %<.002MM	80183 TOT SED PARTSIZE %<.008MM
84/05/09	15 35	0001		OK3								
84/06/20	17 00		474	017	42	5.9	2.32	11.0	0.3	11.9	17.2	26.5

DATE FROM TO	TIME OF DAY	DEPTH FEET	80184 TOT SED PARTSIZE %<.016MM	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	00557 OIL-GRSE MUD FRGR MG/KG	00721 CYANIDE SEDMG/KG DRY WGT	01003 ARSENIC SEDMG/KG DRY WGT	01028 CD MUD DRY WGT MG/KG-CD	01029 CHROMIUM SEDMG/KG DRY WGT
84/06/20	17 00		32.7	44.2					0.9U	4.8	0.5U	16

DATE FROM TO	TIME OF DAY	DEPTH FEET	01052 LEAD SEDMG/KG DRY WGT	01068 NICKEL SEDMG/KG DRY WGT	01078 SILVER SEDMG/KG DRY WGT	01163 ZR MUD DRY WGT MG/KG-ZR
84/06/20	17 00		35	28	1U	480

STORET RETRIEVAL DATE 85/04/12

476514
35 56 14.5 084 20 25.0 1
AT NPDES MONITORING STA. BEAR CR/WHITE WINGS RDS
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
BEAR CREEK 2.8
132TVAC 840601
0000 FEET DEPTH CSN-RSP 0735374-0695337

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	01507 ALPHA SEDIMENT PC/G	01508 ALPHA SED-ERR PC/G	03507 BETA SEDIMENT PC/G	03508 BETA SED-ERR PC/G	09507 RA-226 SEDIMENT PC/G	09508 RA-226 SED-ERR PC/G
84/05/09	15 35	0001		OK3								
84/06/20	17 00		474	D17			15.0	4.0	80	20	0.76	0.07

DATE FROM TO	TIME OF DAY	DEPTH FEET	11506 RA-224 SEDIMENT PCI/G	11507 RA-224 SED-ERR PCI/G	11508 RA-223 SEDIMENT PCI/G	11509 RA-223 SEDIMENT ERROR	15505 SR-89 SEDIMENT PCI/G	15506 SR-89 SED-ERR PCI/G	15507 SR-90 SEDIMENT PCI/G	15508 SR-90 SED-ERR PCI/G	17509 PB-212 SEDIMENT PCI/G	17510 PB-212 SED-ERR PCI/G
84/06/20	17 00		1.20	0.20			0.5	0.4	0.0	0.1	1.00	0.80

DATE FROM TO	TIME OF DAY	DEPTH FEET	17511 PB-214 SEDIMENT PCI/G	17512 PB-214 SED-ERR PCI/G	21503 PA-233 SEDIMENT PCI/G	21504 PA-233 SED-ERR PCI/G	21505 MPA-234 SEDIMENT PCI/G	21506 MPA-234 SED-ERR PCI/G	21508 PA-234 SEDIMENT PCI/G	21509 PA-234 SEDIMENT ERROR	22015 PU-238 SEDIMENT PCI/G	22017 PU-238 SEDIMENT ERRO
84/06/20	17 00		0.80	0.80	0.160	0.020	24.0	4.0			0.0013	0.0008

DATE FROM TO	TIME OF DAY	DEPTH FEET	22018 PU-239 SEDIMENT PCI/G	22019 PU-239 SEDIMENT ERRO	22200 BE-7 SEDIMENT PCI/G	22201 BE-7 SED-ERR PCI/G	22250 NA-22 SEDIMENT PCI/G	22251 NA-22 SED-ERR PCI/G	22300 K-40 SEDIMENT PCI/G	22301 K-40 SED-ERR PCI/G	22350 TL-208 SEDIMENT PCI/G	22351 TL-208 SED-ERR PCI/G
84/06/20	17 00		0.001	0.001	0.40	0.10			12.0	1.0	0.36	0.04

STORET RETRIEVAL DAT 85/05/21

476514
35 56 14.5 084 20 25.0 1
AT NPDES MONITORING STA. BEAR CR/WHITE WINGS RDS
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
BEAR CREEK 2.8
132TVAC 840601
1220 FEET DEPTH CSN-RSP 0735374-0695337

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	22375 BI-212 SEDIMENT PCI/G	22376 BI-212 SED-ERR PCI/G	22377 BI-214 SEDIMENT PCI/G	22378 BI-214 SED-ERR PCI/G	22450 AM-241 SEDIMENT PCI/G	22451 AM-241 SEDIMENT ERRO	22475 CU-244 SEDMENT PCI/G	22476 CU-244 SEDIMENT ERRO	22507 TH-234 SEDIMENT PCI/G	22508 TH-234 SED-ERR PCI/G
84/06/20	17 00		1.1	0.2	0.77	0.07	0.040	0.010	0.0090	0.0050	15.0	2.0

DATE FROM TO	TIME OF DAY	DEPTH FEET	22608 URANIUM SEDIMENT UG/G	22609 URANIUM SED-ERR UG/G	22612 U-235 SEDIMENT PCI/G	22613 U-235 SED-ERR PCI/G	22503 THORIUM/ URANIUM RATIO	22504 TH-ALPHA TOT WAT PC/L	27999 RU-106 SEDIMENT PCI/	28000 RU-106 SEDIMENT ERROR	28416 CS-134 SEDIMENT PCI/G	28417 CS-134 SED-ERR PCI/G
84/06/20	17 00		50.00	7.00	0.50	0.10						

DATE FROM TO	TIME OF DAY	DEPTH FEET	28418 CS-137 SEDIMENT PCI/G	28419 CS-137 SED-ERR PCI/G	29604 CO-60 SEDIMENT PCI/G	29605 CO-60 SED-ERR PCI/G	29650 EU-152 SEDIMENT PCI/G	29651 EU-152 SEDIMENT ERRO	29652 EU-154 SEDIMENT PCI/G	29653 EU-154 SEDIMENT ERRO	25503 AC-228 SEDIMENT PCI/G	25504 AC-228 SED-ERR PCI/G
84/06/20	17 00		0.2	0.02							1.2	0.1

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STORET RETRIEVAL DATE 85/04/12
 476514
35 56 14.5 084 20 25.0  1
AT NPDES MONITORING STA. BEAR CR/WHITE WINGS FCS
47145 TENNESSEE          ROANE
CLINCH RIVER BASIN        040102
BEAR CREEK 2.8
132TVAC
        840601      DEPTH     0 DATA LOCKED AFTER 8405
/TYPA/AMENT/STREAM
INDEX 1021500  007720  00920  7930   0610   0080   0020
MILES 0553.80 0046.50 567.70 012.00 005.47 001.47 02.80   .     .     .     .     .
     INITIAL DATE                          84/06/20
     INITIAL TIME-DEPTH-BOTTOM             1700
34223 ANTHRACE  SEDUG/KG   DRY WGT        750 L
34233 BENZBFLU  ORANTMUD  DRYUG/KG        750 L
34245 BENZKFLU  SEDUG/KG   DRY WGT        750 L
34250 BENZAPYR  SEDUG/KG   DRY WGT        750 U
34276 B2CETETR  SEDUG/KG   DRY WGT        750 L
34281 B2CETOXM  SEDUG/KG   DRY WGT        750 L
34286 B2CIPETR  SEDUG/KG   DRY WGT        750 L
34295 NBB PHTH  MUD-DRY     UG/KG         750 L
34323 CHRYSENE  SEDUG/KG   DRY WGT        750 L
34339 DETHPHTH  SEDUG/KG   DRY WGT        750 L
34344 DMETPHTH  SEDUG/KG   DRY WGT        750 L
34349 12DPHNHY  SEDUG/KG   DRY WGT        750 L
34379 FLANTENE  SEDUG/KG   DRY WGT        750 L
34384 FLUORENE  SEDUG/KG   DRY WGT        750 L
34389 HEXCLCPD  SEDUG/KG   DRY WGT        750 L
34399 HEXACLET  SEDUG/KG   DRY WGT        750 L
34406 I123CDPR  SEDUG/KG   DRY WGT        750 L
34411 ISPHRONE  SEDUG/KG   DRY WGT        750 L
34431 NITCNPRA  SEDUG/KG   DRY WGT        750 L
34436 NITRSDPA  SEDUG/KG   DRY WGT        750 L
34441 NITRSDMA  SEDUG/KG   DRY WGT        750 L
34445 NAPTHALE  SEDUG/KG   DRY WGT        750 L
34450 NITROBEN  SEDUG/KG   DRY WGT        750 L
34464 PHENANTH  SEDUG/KG   DRY WGT        750 L
34472 PYRENE    SEDUG/KG   DRY WGT        750 L
34524 BZEHIPER  SEDUG/KG   DRY WGT        750 L
34529 BENZAANT  SEDUG/KG   DRY WGT        750 L
34539 12DCLBEN  SEDUG/KG   DRY WGT        750 L
34554 124TCBEN  SEDUG/KG   DRY WGT        750 L
34559 CBAHANTH  SEDUG/KG   DRY WGT        750 L
34569 13DCLBEN  SEDUG/KG   DRY WGT        750 L
34574 14DCLBEN  SEDUG/KG   DRY WGT        750 L
34584 2CLNAPTH  SEDUG/KG   DRY WGT        750 L
34599 DINOCTPH  SEDUG/KG   DRY WGT        750 L
34614 24DNTOLU  SEDUG/KG   DRY WGT        750 L
34629 26DNTOLU  SEDUG/KG   DRY WGT        750 L
34634 33DCBNZD  SEDUG/KG   DRY WGT       1900 L
34639 4BRPPETR  SEDUG/KG   DRY WGT        750 L
34644 4CLPPETR  SEDUG/KG   DRY WGT        750 L
39102 B2E PHTH  MUD-DRY     UG/KG         750 L
39112 DNB PHTH  MUD-DRY     UG/KG         750 L
39121 BENZIDIN  SEDUG/KG   DRY WGT       3700 L
39491 PCB-1221  SEDUG/KG   DRY WGT        100 L
39495 PCB-1232  SEDUG/KG   DRY WGT        100 L
39499 PCB-1242  SEDUG/KG   DRY WGT        100 L
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(SAMPLE CONTINUED ON NEXT PAGE)

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STORET RETRIEVAL DATE 85/04/12
 476514
35 56 14.5 084 20 25.0  1
AT NPDES MONITORING STA. BEAR CR/WHITE WINGS FCS
47145 TENNESSEE          ROANE
CLINCH RIVER BASIN        040102
BEAR CREEK 2.8
132TVAC
        840601      DEPTH     0 DATA LOCKED AFTER 8405
/TYPA/AMENT/STREAM
INDEX 102150C  007720  00920  7930   061C   0C8C   0020
MILES 0953.80 0046.50 567.70 012.00 005.47 001.47 02.80   .    .    .    .    .
(SAMPLE CONTINUED FROM PREVIOUS PAGE)
     INITIAL DATE                          84/06/20
     INITIAL TIME-DEPTH-BOTTOM             1700
39503 PCB-1248   SEDUG/KG   DRY WGT        100 U
39507 PCB-1254   SEDUG/KG   DRY WGT        500
39511 PCB-1260   SEDUG/KG   DRY WGT        900
39514 PCB-1016   SEDUG/KG   DRY WGT        100 U
39701 HCB        SEDUG/KG   DRY WGT        750 U
39705 HEXCLBD    SEDUG/KG   DRY WGT        750 U
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STORET RETRIEVAL DATE 85/04/12

476513
35 58 16.0 084 16 49.8 1
UPSTREAM OF EASTERN MOST GATE TO LANDFILL AREAS
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
BEAR CREEK 7.4
132TVAC 840720
0000 FEET DEPTH CSN-RSP 0738620-0695335

/TYPA/AMENT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	70320 MOISTURE CONTENT PERCENT	70322 RESIDUE TOT VOL PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	81356 CATION EX. CAP. MEA/100G	71921 MERCURY SEDMG/KG DRY WGT	81756 TOT SED PARTSIZ% <.0005MM	80181 TOT SED PARTSIZE %<.002MM	80183 TOT SED PARTSIZE %<.008MM
84/05/31	16 30	0001	7	OKS								
84/06/20	16 30		473	D16	36	6.6	2.46	8.4	0.6	6.0	10.9	17.6
	16 31		476	D16D	36	5.5	2.38	8.4	0.8	4.4	9.1	15.3
84/06/26	08 45	0001	796	OKS								
	08 46	0001	797	OKS								
84/09/13	10 50	0001	4610	OKS								

DATE FROM TO	TIME OF DAY	DEPTH FEET	80184 TOT SED PARTSIZE %<.016MM	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	00557 OIL-GRSE MUD FRGR MG/KG	00721 CYANIDE SEDMG/KG DRY WGT	01003 ARSENIC SEDMG/KG DRY WGT	01028 CD MUD DRY WGT MG/KG-CD	01029 CHROMIUM SEDMG/KG DRY WGT
84/06/20	16 30		22.3	28.4	38.0	56.90	93.7		0.8U	12.0	10.0	39
	16 31		19.8	26.0	36.3	49.20	85.4		0.8U	9.0	7.2	31

DATE FROM TO	TIME OF DAY	DEPTH FEET	01052 LEAD SEDMG/KG DRY WGT	01068 NICKEL SEDMG/KG DRY WGT	01078 SILVER SEDMG/KG DRY WGT	01163 ZR MUD DRY WGT MG/KG-ZR
84/06/20	16 30		94	200	1U	410
	16 31		75	110	1U	450

STORET RETRIEVAL DATE 85/04/12

476513
35 58 16.0 084 16 49.8 1
UPSTREAM OF EASTERN MOST GATE TO LANDFILL AREAS
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
BEAR CREEK 7.4
132TVAC 840720
0000 FEET DEPTH CSN-RSP 0738620-0695335

/TYPA/AMENT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	01507 ALPHA SEDIMENT PC/G	01508 ALPHA SED-ERR PC/G	03507 BETA SEDIMENT PC/G	03508 BETA SED-ERR PC/G	09507 RA-226 SEDIMENT PC/G	09508 RA-226 SED-ERR PC/G
84/05/31	16 30	0001	7	OKS								
84/06/20	16 30		473	D16			32.0	8.0	150	30		
	16 31		476	D16D								
84/06/26	08 45	0001	796	OKS								
	08 46	0001	797	OKS								
84/09/13	10 50	0001	4610	OKS								

DATE FROM TO	TIME OF DAY	DEPTH FEET	11506 RA-224 SEDIMENT PCI/G	11507 RA-224 SED-ERR PCI/G	11508 RA-223 SEDIMENT PCI/G	11509 RA-223 SEDIMENT ERROR	15505 SR-89 SEDIMENT PCI/G	15506 SR-89 SED-ERR PCI/G	15507 SR-90 SEDIMENT PCI/G	15508 SR-90 SED-ERR PCI/G	17509 PB-212 SEDIMENT PCI/G	17510 PB-212 SED-ERR PCI/G
84/06/20	16 30						0.4	0.3	0.0	0.1	1.40	0.20

DATE FROM TO	TIME OF DAY	DEPTH FEET	17511 PB-214 SEDIMENT PCI/G	17512 PB-214 SED-ERR PCI/G	21503 PA-233 SEDIMENT PCI/G	21504 PA-233 SED-ERR PCI/G	21505 MPA-234 SEDIMENT PCI/G	21506 MPA-234 SED-ERR PCI/G	21508 PA-234 SEDIMENT PCI/G	21509 PA-234 SEDIMENT ERROR	22016 PU-238 SEDIMENT PCI/G	22017 PU-238 SEDIMENT ERRO
84/06/20	16 30		1.00	0.10	1.500	0.100	110.0	10.0				

STORET RETRIEVAL DATE 85/03/21

476513
35 58 16.0 084 15 47.8 1
UPSTREAM OF EASTERN MOST GATE TO LANDFILL AREAS
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
BEAR CREEK 7.4
132TVAC 840720
3093 FEET DEPTH CSN-RSP 0738620-0695335

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	22018 PU-239 SEDIMENT PCI/G	22019 PU-239 SEDIMENT ERRO	22200 BE-7 SEDIMENT PCI/G	22201 BE-7 SED-ERR PCI/G	22250 NA-22 SEDIMENT PCI/G	22251 NA-22 SED-ERR PCI/G	22300 K-40 SEDIMENT PCI/G	22301 K-40 SED-ERR PCI/G	22350 TL-208 SEDIMENT PCI/G	22351 TL-208 SED-ERR PCI/G
84/06/20	16 30								15.0	1.0	0.49	0.07

DATE FROM TO	TIME OF DAY	DEPTH FEET	22375 BI-212 SEDIMENT PCI/G	22376 BI-212 SED-ERR PCI/G	22377 BI-214 SEDIMENT PCI/G	22378 BI-214 SED-ERR PCI/G	22450 AM-241 SEDIMENT PCI/G	22451 AM-241 SEDIMENT ERRO	22475 CU-244 SEDMENT PCI/G	22476 CU-244 SEDIMENT ERRO	22507 TH-234 SEDIMENT PCI/G	22508 TH-234 SED-ERR PCI/G
84/06/20	16 30		1.5	0.5	0.90	0.10					63.0	5.0

DATE FROM TO	TIME OF DAY	DEPTH FEET	22608 URANIUM SEDIMENT UG/G	22609 URANIUM SED-ERR UG/G	22612 U-235 SEDIMENT PCI/G	22613 U-235 SED-ERR PCI/G	22503 THORIUM/ URANIUM RATIO	22504 TH-ALPHA TOT WAT PC/L	27999 RU-106 SEDIMENT PCI/	28000 RU-106 SEDIMENT ERROR	28416 CS-134 SEDIMENT PCI/G	28417 CS-134 SED-ERR PCI/G
84/06/20	16 30		200.00	40.00	2.00	0.50						

DATE FROM TO	TIME OF DAY	DEPTH FEET	28418 CS-137 SEDIMENT PCI/G	28419 CS-137 SED-ERR PCI/G	29604 CO-60 SEDIMENT PCI/G	29605 CO-60 SED-ERR PCI/G	29650 EU-152 SEDIMENT PCI/G	29651 EU-152 SEDIMENT ERRO	29652 EU-154 SEDIMENT PCI/G	29653 EU-154 SEDIMENT ERRO	25503 AC-228 SEDIMENT PCI/G	25504 AC-228 SED-ERR PCI/G
84/06/20	16 30		0.1	0.03							1.8	0.3

STORET RETRIEVAL DATE 85/04/12
476513
35 58 16.0 084 16 49.8 1
UPSTREAM OF EASTERN MOST GATE TO LANDFILL AREAS
47145 TENNESSEE RCANE
CLINCH RIVER BASIN 040102
BEAR CREEK 7.4
132TVAC
840720 DEPTH 0 DATA LOCKED AFTER 8405
/TYPA/AMBNT/STREAM
INDEX 1021500 007720 00920 7930 0610 0080 0020
MILES 0953.80 0046.50 567.70 012.00 005.47 001.47 07.40 . . . . .

	INITIAL DATE				84/06/20		84/06/20	
	INITIAL TIME-DEPTH-BOTTOM				1630		1631	
34223	ANTHRACE	SEDUG/KG	DRY WGT		680	M	720	U
34233	BENZBFLU	GRANTMUD	DRYUG/KG		680	L	720	U
34245	BENZKFLU	SEDUG/KG	DRY WGT		680	L	720	U
34250	BENZAPYR	SEDUG/KG	DRY WGT		680	L	720	U
34276	B2CETETR	SEDUG/KG	DRY WGT		680	L	720	U
34281	B2CETOXM	SEDUG/KG	DRY WGT		680	L	720	U
34286	B2CIPETR	SEDUG/KG	DRY WGT		680	U	720	U
34295	BEB PHTH	MUD-DRY	UG/KG		680	L	720	U
34323	CHRYSENE	SEDUG/KG	DRY WGT		680	L	720	U
34339	DETHPHTH	SEDUG/KG	DRY WGT		680	L	720	U
34344	DMETPHTH	SEDUG/KG	DRY WGT		680	L	720	U
34349	12DPHNHY	SEDUG/KG	DRY WGT		680	L	720	U
34379	FLANTENE	SEDUG/KG	DRY WGT		570		720	U
34384	FLUORENE	SEDUG/KG	DRY WGT		680	L	720	U
34389	HEXCLCPD	SEDUG/KG	DRY WGT		680	L	720	U
34399	HEXACLET	SEDUG/KG	DRY WGT		680	L	720	U
34406	I123CDPR	SEDUG/KG	DRY WGT		680	L	720	U
34411	ISPHRONE	SEDUG/KG	DRY WGT		680	L	720	U
34431	NITBNPRA	SEDUG/KG	DRY WGT		680	L	720	U
34436	NITRSDPA	SEDUG/KG	DRY WGT		680	L	720	U
34441	NITRSDMA	SEDUG/KG	DRY WGT		680	L	720	U
34445	NAPTHALE	SEDUG/KG	DRY WGT		680	L	720	U
34450	NITROBEN	SEDUG/KG	DRY WGT		680	L	720	U
34464	PHENANTH	SEDUG/KG	DRY WGT		690		720	M
34472	PYRENE	SEDUG/KG	DRY WGT		710		720	U
34524	BZGHIPER	SEDUG/KG	DRY WGT		680	U	720	U
34529	BENZAANT	SEDUG/KG	DRY WGT		680	U	720	U
34539	12DCLBEN	SEDUG/KG	DRY WGT		680	U	720	U
34554	124TCBEN	SEDUG/KG	DRY WGT		680	L	720	U
34559	CBAPANTH	SEDUG/KG	DRY WGT		680	L	720	U
34569	13DCLBEN	SEDUG/KG	DRY WGT		680	L	720	U
34574	14DCLBEN	SEDUG/KG	DRY WGT		680	L	720	U
34584	2CLNAPTH	SEDUG/KG	DRY WGT		680	L	720	U
34599	DINOCTPH	SEDUG/KG	DRY WGT		680	L	720	U
34614	24DNTOLU	SEDUG/KG	DRY WGT		680	L	720	U
34629	26DNTOLU	SEDUG/KG	DRY WGT		680	L	720	U
34634	33DCBNZD	SEDUG/KG	DRY WGT		1700	L	1800	U
34639	4BRPPETR	SEDUG/KG	DRY WGT		680	L	720	U
34644	4CLPPETR	SEDUG/KG	DRY WGT		680	L	720	U
39102	B2E PHTH	MUD-DRY	UG/KG		680	M	720	U
39112	DNB PHTH	MUD-DRY	UG/KG		680	U	720	U
39121	BENZIDIN	SEDUG/KG	DRY WGT		3400	L	3600	U
39491	PCB-1221	SEDUG/KG	DRY WGT		100	L	100	U
39495	PCB-1232	SEDUG/KG	DRY WGT		100	L	100	U
39499	PCB-1242	SEDUG/KG	DRY WGT		100	L	100	U

(SAMPLE CONTINUED ON NEXT PAGE)

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STORET RETRIEVAL DATE 85/04/12
 476513
35 58 16.0 084 16 49.8  1
UPSTREAM OF EASTERN MOST GATE TO LANDFILL AREAS
47145 TENNESSEE          ROANE
CLINCH RIVER BASIN        040102
BEAR CREEK 7.4
132TVAC
        840720      DEPTH     0 DATA LOCKED AFTER 8405
/TYPA/AMENT/STREAM
INDEX 1021500  007720  00920  7930   0610   0080   0020
MILES 0953.80 0046.50 567.70 012.00 005.47 001.47 07.40   .     .     .     .     .
(SAMPLE CONTINUED FROM PREVIOUS PAGE)
     INITIAL DATE                          84/06/20  84/06/20
     INITIAL TIME-DEPTH-BOTTOM             1630      1631
39503 PCB-1248   SEDUG/KG    DRY WGT        100 L     100 U
39507 PCB-1254   SEDUG/KG    DRY WGT        100 L     100 U
39511 PCB-1260   SEDUG/KG    DRY WGT        100 L     100 U
39514 PCB-1016   SEDUG/KG    DRY WGT        100 L     100 U
39701 HCB        SEDUG/KG    DRY WGT        680 L     720 U
39705 HEXCLBD    SEDUG/KG    DRY WGT        680 L     720 U
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APPENDIX II - TABLE 1

WHITE OAK CREEK

STORET RETRIEVAL DATE 85/04/12

476592
35 53 46.0 084 19 52.0 2
TRIBUTARY TO CLINCH RIVER 20.84
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
WHITEOAK CREEK 0.18
132TVAC 841006
0000 FEET DEPTH CSN-RSP 0745025-0695461

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	70320 MOISTURE CONTENT PERCENT	70322 RESIDUE TOT VOL PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	81356 CATION EX. CAP. MEA/100G	71921 MERCURY SEDMG/KG DRY WGT	81756 TOT SED PARTSIZ% <.0005MM	80181 TOT SED PARTSIZE %<.002MM	80183 TOT SED PARTSIZE %<.008MM
84/08/29	10	18	5645	A	28		2.60					
	10	20	5646	B								
	10	22	5647	C								
	10	24	5648	D								
	10	30	4073243R	A								
	10	32	4073250R	B								
	10	34	4073268R	C								
	10	36	4073276R	D								
	10	40	5886	D33	34	4.9	2.52	9.5	6.0A	1.6	3.6	7.4

DATE FROM TO	TIME OF DAY	DEPTH FEET	80184 TOT SED PARTSIZE %<.016MM	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	00557 OIL-GRSE MUD FRGR MG/KG	00721 CYANIDE SEDMG/KG DRY WGT	01003 ARSENIC SEDMG/KG DRY WGT	01028 CD MUD DRY WGT MG/KG-CD	01029 CHROMIUM SEDMG/KG DRY WGT
84/08/29	10	18		21.8		97.50	99.3					
	10	20		20.4		60.00	87.0					
	10	22		53.8		99.60	100.0					
	10	24		50.3		99.90	100.0					
	10	40	8.7	10.6					1.0U	11.0	0.6	66

DATE FROM TO	TIME OF DAY	DEPTH FEET	01078 SILVER SEDMG/KG DRY WGT	01163 ZR MUD DRY WGT MG/KG-ZR	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG	80329 MERCURY LT6.35MM SEDMG/KG	01052 LEAD SEDMG/KG DRY WGT	01068 NICKEL SEDMG/KG DRY WGT
84/08/29	10	18			0.30A		0.2A				
	10	20			1.80		1.4				
	10	22			5.00		4.4				
	10	24			12.00		12.0				
	10	40	4.00	260.00						51	30

STORET RETRIEVAL DATE 85/04/12

476592
35 53 46.0 084 19 52.0 2
TRIBUTARY TO CLINCH RIVER 20.84
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
WHITEOAK CREEK 0.18
132TVAC 841006
0000 FEET DEPTH CSN-RSP 0745025-0695461

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	01507 ALPHA SEDIMENT PC/G	01508 ALPHA SED-ERR PC/G	03507 BETA SEDIMENT PC/G	03508 BETA SED-ERR PC/G	09507 RA-226 SEDIMENT PC/G	09508 RA-226 SED-ERR PC/G
84/08/29	10 18		5645	A	0.1	4.5						
	10 20		5646	B	4.6	8.5						
	10 22		5647	C	8.8	13.2						
	10 24		5648	D	13.3	17.7						
	10 30		4073243R	A	0.1	3.9	2.6	0.9	746	146		
	10 32		4073250R	B	4.0	7.9	3.0	1.0	983	193		
	10 34		4073268R	C	8.0	11.8	0.3M	0.3	18071	3542		
	10 36		4073276R	D	11.9	15.7	0.7	0.4	924	181		
	10 40		5886	D33			0.2M	0.2	6608	1295		

DATE FROM TO	TIME OF DAY	DEPTH FEET	11506 RA-224 SEDIMENT PCI/G	11507 RA-224 SED-ERR PCI/G	11508 RA-223 SEDIMENT PCI/G	11509 RA-223 SEDIMENT ERROR	15505 SR-89 SEDIMENT PCI/G	15506 SR-89 SED-ERR PCI/G	15507 SR-90 SEDIMENT PCI/G	15508 SR-90 SED-ERR PCI/G	17509 PB-212 SEDIMENT PCI/G	17510 PB-212 SED-ERR PCI/G
84/08/29	10 30						3.0	10.0	2.0	3.0	1.80	0.70
	10 32						4.0	7.0	2.0	3.0	3.00	1.00
	10 34						116.0M	228.0	563.0	82.0		
	10 36						34.0M	58.0	153.0	21.0	1.80	0.50
	10 40						80.0K	120.0	800.0	100.0	4.00	3.00

DATE FROM TO	TIME OF DAY	DEPTH FEET	17511 PB-214 SEDIMENT PCI/G	17512 PB-214 SED-ERR PCI/G	21503 PA-232 SEDIMENT PCI/G	21504 PA-233 SED-ERR PCI/G	21505 MPA-234 SEDIMENT PCI/G	21506 MPA-234 SED-ERR PCI/G	21508 PA-234 SEDIMENT PCI/G	21509 PA-234 SEDIMENT ERROR	22016 PU-238 SEDIMENT PCI/G	22017 PU-238 SEDIMENT ERRO
84/08/29	10 30										0.0900	0.0100
	10 32										0.3300	0.0300
	10 34										4.1000	0.5000
	10 36		1.40	0.50							0.0090	0.0020

DATE FROM TO	TIME OF DAY	DEPTH FEET	22018 PU-239 SEDIMENT PCI/G	22019 PU-239 SEDIMENT ERRO	22200 BE-7 SEDIMENT PCI/G	22201 BE-7 SED-ERR PCI/G	22250 NA-22 SEDIMENT PCI/G	22251 NA-22 SED-ERR PCI/G	22300 K-40 SEDIMENT PCI/G	22301 K-40 SED-ERR PCI/G	22350 TL-208 SEDIMENT PCI/G	22351 TL-208 SED-ERR PCI/G
84/08/29	10 30		1.240	0.050					18.0	3.0		
	10 32		2.400	0.100					22.0	3.0		
	10 34		63.000	3.000					23.0	4.0		
	10 36		0.890	0.030					25.0	3.0	0.60	0.20
	10 40								18.0	3.0		

STORET RETRIEVAL DATE 85/04/12

476592
35 53 46.0 084 19 52.0 2
TRIBUTARY TO CLINCH RIVER 20.84
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
WHITEOAK CREEK 0.18
132TVAC 841006
0000 FEET DEPTH CSN-RSP 0745025-0695461

/TYPA/APENT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	22375 BI-212 SEDIMENT PCI/G	22376 BI-212 SED-ERR PCI/G	22377 BI-214 SEDIMENT PCI/G	22378 BI-214 SED-ERR PCI/G	22450 AM-241 SEDIMENT PCI/G	22451 AM-241 SEDIMENT ERRO	22475 CU-244 SEDMENT PCI/G	22476 CU-244 SEDIMENT ERRO	22507 TH-234 SEDIMENT PCI/G	22508 TH-234 SED-ERR PCI/G
84/08/29	10 30				1.20	0.60	2.200	0.200	0.6300	0.0800		
	10 32				1.40	0.70	3.600	0.300	6.9000	0.5000		
	10 34						14.000	2.000	0.4000	0.2000		
	10 36				1.20	0.60	0.480	0.050	0.0140	0.0070		

DATE FROM TO	TIME OF DAY	DEPTH FEET	22608 URANIUM SEDIMENT UG/G	22609 URANIUM SED-ERR UG/G	22612 U-235 SEDIMENT PCI/G	22613 U-235 SED-ERR PCI/G	22503 THORIUM/ URANIUM RATIO	22504 TH-ALPHA TOT WAT PC/L	27999 RU-106 SEDIMENT PCI/	28000 RU-106 SEDIMENT ERROR	28416 CS-134 SEDIMENT PCI/G	28417 CS-134 SED-ERR PCI/G
84/08/29	10 30		1.50	0.20							0.600	0.300
	10 32		2.30	0.40							1.700	0.500
	10 34		18.00	2.00								
	10 36		4.80	0.40								
	10 40		3.90	0.60								

DATE FROM TO	TIME OF DAY	DEPTH FEET	28418 CS-137 SEDIMENT PCI/G	28419 CS-137 SED-ERR PCI/G	29604 CO-60 SEDIMENT PCI/G	29605 CO-60 SED-ERR PCI/G	29650 EU-152 SEDIMENT PCI/G	29651 EU-152 SEDIMENT ERRO	29652 EU-154 SEDIMENT PCI/G	29653 EU-154 SEDIMENT ERRO	25503 AC-228 SEDIMENT PCI/G	25504 AC-228 SED-ERR PCI/G
84/08/29	10 30		1901.0	117.0	54.000	4.000			1.60	0.40	1.0	0.5
	10 32		2114.0	130.0	125.000	9.000	7.0	1.0	8.00	1.00	2.5	0.9
	10 34		46948.0	3127.0	437.000	97.000			14.00	4.00		
	10 36		636.0	41.0	34.000	3.000					2.2	0.7
	10 40		12118.0	989.0	109.000	7.000			3.00	2.00	4.0	1.0

STORET RETRIEVAL DATE 85/04/12
476592
35 53 46.0 084 19 52.0 2
TRIBUTARY TO CLINCH RIVER 20.84
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
WHITECAP CREEK 0.19
132TVAC
841006 DEPTH 0 DATA LOCKED AFTER 8405
/TYPA/AMBNT/STREAM
INDEX 1021500 007720 00920 793C 0950
MILES 0953.80 C046.50 567.70 020.84 000.18 . . . . . .

	INITIAL DATE			84/08/29	
	INITIAL TIME-DEPTH-BOTTOM			1040	
34223	ANTHRACE	SEDUG/KG	DRY WGT	750	U
34233	BENZBFLU	ORANTMUD	DRYUG/KG	750	U
34245	BENZKFLU	SEDUG/KG	DRY WGT	750	U
34250	BENZAPYR	SEDUG/KG	DRY WGT	750	U
34276	B2CETETR	SEDUG/KG	DRY WGT	750	U
34281	B2CETOXM	SEDUG/KG	DRY WGT	750	U
34286	B2CIPETR	SEDUG/KG	DRY WGT	750	U
34295	NBB PHTH	MLD-DRY	UG/KG	750	U
34323	CHRYSENE	SEDUG/KG	DRY WGT	750	U
34339	DETHPHTH	SEDUG/KG	DRY WGT	750	U
34344	DMETPHTH	SEDUG/KG	DRY WGT	750	U
34349	12DPHNHY	SEDUG/KG	DRY WGT	750	U
34379	FLANTENE	SEDUG/KG	DRY WGT	750	U
34384	FLUORENE	SEDUG/KG	DRY WGT	750	U
34389	HEXCLCPD	SEDUG/KG	DRY WGT	750	U
34399	HEXACLET	SEDUG/KG	DRY WGT	750	U
34406	I123CDPR	SEDUG/KG	DRY WGT	750	U
34411	ISPHRONE	SEDUG/KG	DRY WGT	750	U
34431	NITCNPRA	SEDUG/KG	DRY WGT	750	U
34436	NITRSDPA	SEDUG/KG	DRY WGT	750	U
34441	NITRSDMA	SEDUG/KG	DRY WGT	750	U
34445	NAPTHALE	SEDUG/KG	DRY WGT	750	U
34450	NITROBEN	SEDUG/KG	DRY WGT	750	U
34464	PHENANTH	SEDUG/KG	DRY WGT	750	U
34472	PYRENE	SEDUG/KG	DRY WGT	750	U
34524	B2GHIPER	SEDUG/KG	DRY WGT	750	U
34529	BENZAANT	SEDUG/KG	DRY WGT	750	U
34539	12DCLBEN	SEDUG/KG	DRY WGT	750	U
34554	124TCBEN	SEDUG/KG	DRY WGT	750	U
34559	CBAHANTH	SEDUG/KG	DRY WGT	750	U
34569	13DCLBEN	SEDUG/KG	DRY WGT	750	U
34574	14DCLBEN	SEDUG/KG	DRY WGT	750	U
34584	2CLNAPTH	SEDUG/KG	DRY WGT	750	U
34599	DINOCTPH	SEDUG/KG	DRY WGT	750	U
34614	24DNTOLU	SEDUG/KG	DRY WGT	750	U
34629	26DNTOLU	SEDUG/KG	DRY WGT	750	U
34634	33DCBNZD	SEDUG/KG	DRY WGT	1500	U
34639	4BRPPETR	SEDUG/KG	DRY WGT	750	U
34644	4CLPPETR	SEDUG/KG	DRY WGT	750	U
39102	B2E PHTH	MLD-DRY	UG/KG	750	U
39112	CNB PHTH	MLD-DRY	UG/KG	750	U
39121	BENZIDIN	SEDUG/KG	DRY WGT	3800	U
39491	PCB-1221	SEDUG/KG	DRY WGT	100	U
39495	PCB-1232	SEDUG/KG	DRY WGT	100	U
39499	PCB-1242	SEDUG/KG	DRY WGT	100	U

(SAMPLE CONTINUED ON NEXT PAGE)

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STORET RETRIEVAL DATE 85/04/12
 476552
35 53 46.0 084 19 52.0  2
TRIBUTARY TO CLINCH RIVER 20.84
47145 TENNESSEE          ROANE
CLINCH RIVER BASIN        040102
WHITEOAK CREEK 0.18
132TVAC
        841006      DEPTH     0 DATA LOCKED AFTER 8405
/TYPA/AMBNT/STREAM
INDEX 1021500  007720  00920  7930   0950
MILES 0953.80 0046.50 567.70 020.84 000.18    .     .     .     .     .     .     .
(SAMPLE CONTINUED FROM PREVIOUS PAGE)
     INITIAL DATE                          84/08/29
     INITIAL TIME-DEPTH-BOTTOM             1040
39503 PCB-1248  SEDUG/KG   DRY WGT          100 L
39507 PCB-1254  SEDUG/KG   DRY WGT         1200
39511 PCB-1260  SEDUG/KG   DRY WGT         1600
39514 PCB-1016  SEDUG/KG   DRY WGT          100 L
39701 HCB       SEDUG/KG   DRY WGT          750 L
39705 HEXCLBD   SEDUG/KG   DRY WGT          750 L
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STORET RETRIEVAL DATE 85/04/12

476591
35 53 50.0 084 19 43.0 2
0.2 MILES BELOW WHITE WING ROAD
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
WHITEOAK CREEK 0.38
132TVAC 841006
0000 FEET DEPTH CSN-RSP 0745024-0695459

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	70320 MOISTURE CONTENT PERCENT	70322 RESIDUE TOT VOL PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	81356 CATION EX. CAP. MEA/100G	71921 MERCURY SEDMG/KG DRY WGT	81756 TOT SED PARTSIZ% <.0005MM	80181 TOT SED PARTSIZE %<.002MM	80183 TOT SED PARTSIZE %<.008MM
84/08/29	11 08		5641	A	36		2.36					
	11 09		5650	AD	36		2.43					
	11 10		5642	B								
	11 12		5643	C								
	11 14		5644	D								
	11 20		4073201R	A								
	11 22		4073219R	B								
	11 24		4073227R	C								
	11 26		4073235R	D								
	11 30		5885	D32	27	4.2	2.54	7.6	2.2A	5.6	12.5	26.8

DATE FROM TO	TIME OF DAY	DEPTH FEET	80184 TOT SED PARTSIZE %<.016MM	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	00557 OIL-GRSE MUD FRGR MG/KG	00721 CYANIDE SEDMG/KG DRY WGT	01003 ARSENIC SEDMG/KG DRY WGT	01028 CD MUD DRY WGT MG/KG-CD	01029 CHROMIUM SEDMG/KG DRY WGT
84/08/29	11 08			48.9		98.20	100.0					
	11 09			51.9		98.00	100.0					
	11 10			52.1		99.10	100.0					
	11 12			48.1		99.30	100.0					
	11 14			43.5		94.50	100.0					
	11 30		35.9	43.2					1.0U	12.0	1.1	96

DATE FROM TO	TIME OF DAY	DEPTH FEET	01078 SILVER SEDMG/KG DRY WGT	01163 ZR MUD DRY WGT MG/KG-ZR	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG	80329 MERCURY LT6.35MM SEDMG/KG	01052 LEAD SEDMG/KG DRY WGT	01068 NICKEL SEDMG/KG DRY WGT
84/08/29	11 08				12.00A		10.0A				
	11 09				12.00A		11.0A				
	11 10				7.40		7.2				
	11 12				46.00		44.0				
	11 14				20.00		20.0				
	11 30		2.00	280.00						33	25

STORET RETRIEVAL DATE 85/04/12

476591
35 53 50.0 084 19 43.0 2
0.2 MILES BELOW WHITE WING ROAD
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
WHITEOAK CREEK 0.38
132TVAC 841006
0000 FEET DEPTH CSN-RSP 0745024-0695459

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	01507 ALPHA SEDIMENT PC/G	01508 ALPHA SED-ERR PC/G	03507 BETA SEDIMENT PC/G	03508 BETA SED-ERR PC/G	09507 RA-226 SEDIMENT PC/G	09508 RA-226 SED-ERR PC/G
84/08/29	11 08		5641	A	0.1	3.7						
	11 09		5650	AD	0.1S	3.7S						
	11 10		5642	B	3.8	7.5						
	11 12		5643	C	7.6	11.2						
	11 14		5644	D	11.3	15.0						
	11 20		4073201R	A	0.1	3.3	0.9	0.5	802	157		
	11 22		4073219R	B	3.4	6.7	0.2M	0.2	14928	2926		
	11 24		4073227R	C	6.8	9.6	0.2M	0.2	3725	730		
	11 26		4073235R	D	5.7	13.4	1.9	0.7	359	71		
	11 30		5885	D32			1.1	0.6	798	157		

DATE FROM TO	TIME OF DAY	DEPTH FEET	11506 RA-224 SEDIMENT PCI/G	11507 RA-224 SED-ERR PCI/G	11508 RA-223 SEDIMENT PCI/G	11509 RA-223 SEDIMENT ERROR	15505 SR-89 SEDIMENT PCI/G	15506 SR-89 SED-ERR PCI/G	15507 SR-90 SEDIMENT PCI/G	15508 SR-90 SED-ERR PCI/G	17509 PB-212 SEDIMENT PCI/G	17510 PB-212 SED-ERR PCI/G
84/08/29	11 20						3.0M	6.0	12.0	3.0	1.00	0.40
	11 22						171.0M	234.0	542.0	85.0	4.00	2.00
	11 24						91.0M	111.0	267.0	41.0	2.00	1.00
	11 26						12.0	13.0	7.0	5.0	1.60	0.30
	11 30						7.0M	11.0	27.0	7.0		

DATE FROM TO	TIME OF DAY	DEPTH FEET	17511 PB-214 SEDIMENT PCI/G	17512 PB-214 SED-ERR PCI/G	21503 PA-233 SEDIMENT PCI/G	21504 PA-233 SED-ERR PCI/G	21505 MPA-234 SEDIMENT PCI/G	21506 MPA-234 SED-ERR PCI/G	21508 PA-234 SEDIMENT PCI/G	21509 PA-234 SEDIMENT ERROR	22016 PU-238 SEDIMENT PCI/G	22017 PU-238 SEDIMENT ERRO
84/08/29	11 30										0.0070	0.0020

DATE FROM TO	TIME OF DAY	DEPTH FEET	22018 PU-239 SEDIMENT PCI/G	22019 PU-239 SEDIMENT ERRO	22200 BE-7 SEDIMENT PCI/G	22201 BE-7 SED-ERR PCI/G	22250 NA-22 SEDIMENT PCI/G	22251 NA-22 SED-ERR PCI/G	22300 K-40 SEDIMENT PCI/G	22301 K-40 SED-ERR PCI/G	22350 TL-208 SEDIMENT PCI/G	22351 TL-208 SED-ERR PCI/G
84/08/29	11 20								21.0	3.0		
	11 22								17.0	2.0		
	11 24								17.0	2.0		
	11 26								24.0	3.0	0.90	0.20
	11 30		1.020	0.030					17.0	2.0		

STORET RETRIEVAL DATE 85/04/12

476591
35 53 50.0 084 19 43.0 2
0.2 MILES BELOW WHITE WING ROAD
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
WHITEOAK CREEK 0.38
132TVAC 841006
0000 FEET DEPTH CSN-RSP 0745024-0695459

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	22375 BI-212 SEDIMENT PCI/G	22376 BI-212 SED-ERR PCI/G	22377 BI-214 SEDIMENT PCI/G	22378 BI-214 SED-ERR PCI/G	22450 AM-241 SEDIMENT PCI/G	22451 AM-241 SEDIMENT ERRO	22475 CU-244 SEDMENT PCI/G	22476 CU-244 SEDIMENT ERRO	22507 TH-234 SEDIMENT PCI/G	22508 TH-234 SED-ERR PCI/G
84/08/29	11 22						13.000	7.000				
	11 24				1.10	0.70						
	11 26		3.0	1.0	1.70	0.40						
	11 30						0.430	0.050	0.0140	0.0080		

DATE FROM TO	TIME OF DAY	DEPTH FEET	22608 URANIUM SEDIMENT UG/G	22609 URANIUM SED-ERR UG/G	22612 U-235 SEDIMENT PCI/G	22613 U-235 SED-ERR PCI/G	22503 THORIUM/ URANIUM RATIO	22504 TH-ALPHA TOT WAT PC/L	27999 RU-106 SEDIMENT PCI/	28000 RU-106 SEDIMENT ERROR	28416 CS-134 SEDIMENT PCI/G	28417 CS-134 SED-ERR PCI/G
84/08/29	11 20		0.30	0.20							0.500	0.400
	11 22		11.00	3.00								
	11 24		7.00	1.00								
	11 26		3.70	0.30								
	11 30		1.60	0.20							0.700	0.200

DATE FROM TO	TIME OF DAY	DEPTH FEET	28418 CS-137 SEDIMENT PCI/G	28419 CS-137 SED-ERR PCI/G	29604 CO-60 SEDIMENT PCI/G	29605 CO-60 SED-ERR PCI/G	29650 EU-152 SEDIMENT PCI/G	29651 EU-152 SEDIMENT ERRO	29652 EU-154 SEDIMENT PCI/G	29653 EU-154 SEDIMENT ERRO
84/08/29	11 20		1593.0	100.0	55.000	4.000	1.3	0.3	1.10	0.30
	11 22		20905.0	1312.0	278.000	43.000			5.00	2.00
	11 24		5507.0	3877.0	109.000	7.000			0.70	0.30
	11 26		277.0	18.0	17.000	1.000				
	11 30		4121.0	257.0	77.000	5.000			1.80	0.40

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STORET RETRIEVAL DATE 85/04/12
 476591
35 53 50.0 084 19 43.0  2
0.2 MILES BELOW WHITE WING ROAD
47145 TENNESSEE          ROANE
CLINCH RIVER BASIN        040102
WHITEOAK CREEK 0.38
132TVAC
        841006     DEPTH     0 DATA LOCKED AFTER 8405
/TYPA/AMENT/STREAM
INDEX 102150C  007720  00920  7930   0950
MILES 0952.80 0046.50 567.70 020.84 000.38
     INITIAL DATE                          84/08/25
     INITIAL TIME-DEPTH-BOTTOM             1130
34223 ANTHRACE   SEDUG/KG   DRY WGT        630 L
34233 BENZBFLU   ORANTMUD  DRYUG/KG        630 L
34245 BENZKFLU   SEDUG/KG   DRY WGT        630 L
34250 BENZAPYR   SEDUG/KG   DRY WGT        630 U
34276 B2CETETR   SEDUG/KG   DRY WGT        630 L
34281 B2CETOXM   SEDUG/KG   DRY WGT        630 L
34286 B2CIPETR   SEDUG/KG   DRY WGT        630 L
34295 NBB PHTH   MLD-DRY     LG/KG         630 L
34323 CHRYSENE   SEDUG/KG   DRY WGT        630 L
34339 DETHPHTH   SEDUG/KG   DRY WGT        630 L
34344 DMETPHTH   SEDUG/KG   DRY WGT        630 L
34349 12DPHNHY   SEDUG/KG   DRY WGT        630 L
34379 FLANTENE   SEDUG/KG   DRY WGT        630 L
34384 FLUORENE   SEDUG/KG   DRY WGT        630 L
34389 HEXCLCPD   SEDUG/KG   DRY WGT        630 L
34399 HEXACLET   SEDUG/KG   DRY WGT        630 L
34406 I123CDPR   SEDUG/KG   DRY WGT        630 L
34411 ISPHRONE   SEDUG/KG   DRY WGT        630 L
34431 NITCNPRA   SEDUG/KG   DRY WGT        630 L
34436 NITRSDPA   SEDUG/KG   DRY WGT        630 L
34441 NITRSDNA   SEDUG/KG   DRY WGT        630 L
34445 NAPTHALE   SEDUG/KG   DRY WGT        630 L
34450 NITROBEN   SEDUG/KG   DRY WGT        630 L
34464 PHENANTH   SEDUG/KG   DRY WGT        630 L
34472 PYRENE     SEDUG/KG   DRY WGT        630 L
34524 B2GHIPER   SEDUG/KG   DRY WGT        630 L
34529 BENZAANT   SEDUG/KG   DRY WGT        630 L
34539 12DCLBEN   SEDUG/KG   DRY WGT        630 L
34554 124TCBEN   SEDUG/KG   DRY WGT        630 L
34559 CBAHANTH   SEDUG/KG   DRY WGT        630 L
34569 13DCLBEN   SEDUG/KG   DRY WGT        630 L
34574 14DCLBEN   SEDUG/KG   DRY WGT        630 L
34584 2CLNAPTH   SEDUG/KG   DRY WGT        630 L
34599 DINOCTPH   SEDUG/KG   DRY WGT        630 L
34614 24DNTOLU   SEDUG/KG   DRY WGT        630 L
34629 26DNTOLU   SEDUG/KG   DRY WGT        630 L
34634 33DCBNZD   SEDUG/KG   DRY WGT       1600 L
34639 4BRPPETR   SEDUG/KG   DRY WGT        630 L
34644 4CLPPETR   SEDUG/KG   DRY WGT        630 L
39102 B2E PHTH   MLD-DRY     LG/KG         630 L
39112 CNB PHTH   MLD-DRY     UG/KG         630 L
39121 BENZIDIN   SEDUG/KG   DRY WGT       3200 L
39491 PCB-1221   SEDUG/KG   DRY WGT        100 L
39495 PCB-1232   SEDUG/KG   DRY WGT        100 L
39499 PCB-1242   SEDUG/KG   DRY WGT        100 L
(SAMPLE CONTINUED ON NEXT PAGE)
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STORET RETRIEVAL DATE 85/04/12
 476591
35 53 50.0 084 19 43.0  2
0.2 MILES BELOW WHITE WING ROAD
47145 TENNESSEE          ROANE
CLINCH RIVER BASIN        040102
WHITEOAK CREEK 0.39
132TVAC
        841006      DEPTH     0 DATA LOCKED AFTER 8405
/TYPA/AGENT/STREAM
INDEX 1021500  007720  00920  7930   0950
MILES 0953.80 0046.50 567.70 020.84 000.38    .     .     .     .     .     .     .
(SAMPLE CONTINUED FROM PREVIOUS PAGE)
     INITIAL DATE                          84/08/29
     INITIAL TIME-DEPTH-BOTTOM             1130
39503 PCB-1248  SEDUG/KG   DRY WGT        100 L
39507 PCB-1254  SEDUG/KG   DRY WGT        100 L
39511 PCB-1260  SEDUG/KG   DRY WGT        100 L
39514 PCB-1016  SEDUG/KG   DRY WGT        100 L
39701 HCB       SEDUG/KG   DRY WGT        630 L
39705 HEXCLBD   SEDUG/KG   DRY WGT        630 L
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STORET RETRIEVAL DATE 85/04/12

476590
35 53 56.0 084 19 35.0 2
BELOW WHITE WING ROAD
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
WHITEOAK CREEK 0.51
132TVAC 841006
0000 FEET DEPTH CSN-RSP 0745023-0695457

/TYPA/AMENT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	70320 MOISTURE CONTENT PERCENT	70322 RESIDUE TOT VOL PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	81356 CATION EX. CAP. MEA/100G	71921 MERCURY SEDMG/KG DRY WGT	81756 TOT SED PARTSIZ% <.0005MM	80181 TOT SED PARTSIZE %<.002MM	80183 TOT SED PARTSIZE %<.008MM
84/08/29	11 50		5633	A	35		2.56					
	11 51		5649	AD	34		2.40					
	11 52		5634	B								
	11 54		5635	C								
	11 56		5636	D								
	12 00		5637	AX	38		2.54					
	12 02		5638	BX								
	12 04		5639	CX								
	12 06		5640	DX								
	12 10		4073128R	A								
	12 12		4073136R	B								
	12 14		4073144R	C								
	12 16		4073151R	D								
	12 20		4073169R	AX								
	12 22		4073177R	BX								
	12 24		4073185R	CX								
	12 26		4073193R	DX								
	12 30		5884	D31	41	5.6	2.32	9.7	2.2A	4.1	12.9	36.1

DATE FROM TO	TIME OF DAY	DEPTH FEET	80184 TOT SED PARTSIZE %<.016MM	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	00557 OIL-GRSE MUD FRGR MG/KG	00721 CYANIDE SEDMG/KG DRY WGT	01003 ARSENIC SEDMG/KG DRY WGT	01028 CD MUD DRY WGT MG/KG-CD	01029 CHROMIUM SEDMG/KG DRY WGT
84/08/29	11 50			34.8		71.20	96.7					
	11 51			40.4		75.10	94.4					
	11 52			46.1		96.50	100.0					
	11 54			45.5		95.60	99.8					
	11 56			48.4		97.10	99.6					
	12 00			39.6		82.60	88.1					
	12 02			42.3		87.70	91.6					
	12 04			46.1		98.10	100.0					
	12 06			46.2		94.70	99.5					
	12 30		51.8	68.1					1.0U	6.6	1.6	200

STORET RETRIEVAL DATE 85/04/16

476591
35 53 50.0 084 19 43.0 2
0.2 MILES BELOW WHITE WING ROAD
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
WHITEOAK CREEK 0.38
132TVAC 841006
0000 FEET DEPTH CSN-RSP 0745024-0695459

/TYPA/APENT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	01078 SILVER SEDMG/KG DRY WGT	01163 ZR MUD DRY WGT MG/KG-ZR	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG	80329 MERCURY LT6.35MM SEDMG/KG	01052 LEAD SEDMG/KG DRY WGT	01068 NICKEL SEDMG/KG DRY WGT
84/08/29	11 50				6.50A		5.6A				
	11 51				5.90A		5.5A				
	11 52				19.00		18.0				
	11 54				7.60		7.2				
	11 56				1.60		1.5				
	12 00				4.70A		4.4A				
	12 02				12.00		10.0				
	12 04				7.20		6.6				
	12 06				1.20		1.1				
	12 30		7	480						36	24

476590
35 53 56.0 084 19 35.0 2
BELOW WHITE WING ROAD
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
WHITEOAK CREEK 0.51
132TVAC 841006
0000 FEET DEPTH CSN-RSP 0745023-0595457

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84058 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	01507 ALPHA SEDIMENT PC/G	01508 ALPHA SED-ERR PC/G	03507 BETA SEDIMENT PC/G	03508 BETA SED-ERR PC/G	09507 RA-226 SEDIMENT PC/G	09508 RA-226 SED-ERR PC/G
84/08/29	11 50		5633	A	0.1	4.9						
	11 51		5649	AD	0.1S	4.9S						
	11 52		5634	B	5.0	9.8						
	11 54		5635	C	9.9	14.8						
	11 56		5636	D	14.9	19.7						
	12 00		5637	AX	0.10	4.9D						
	12 02		5638	BX	5.0D	9.8D						
	12 04		5639	CX	9.9D	14.8D						
	12 06		5640	DX	14.9D	19.7D						
	12 10		4073128R	A	0.1	4.9	0.2	0.3	1596	313		
	12 12		4073136R	B	5.0	9.8	0.3M	0.3	10289	2017		
	12 14		4073144R	C	9.9	14.8	0.3M	0.3	4539	890		
	12 16		4073151R	D	14.9	19.7	2.1	0.7	672	132		
	12 20		4073169R	AX	0.1D	4.9D	0.3M	0.3	3458	678		
	12 22		4073177R	BX	5.0D	9.8D	0.3M	0.2	12240	2399		
	12 24		4073185R	CX	9.9D	14.8D	0.3M	0.3	6763	1326		
	12 26		4073193	DX	14.9D	19.7D	4.0	1.0	481	94		

DATE FROM TO	TIME OF DAY	DEPTH FEET	11506 RA-224 SEDIMENT PCI/G	11507 RA-224 SED-ERR PCI/G	11508 RA-223 SEDIMENT PCI/G	11509 RA-223 SEDIMENT ERROR	15505 SR-89 SEDIMENT PCI/G	15506 SR-89 SED-ERR PCI/G	15507 SR-90 SEDIMENT PCI/G	15508 SR-90 SED-ERR PCI/G	17509 PB-212 SEDIMENT PCI/G	17510 PB-212 SED-ERR PCI/G
84/08/29	12 10						8.0M	15.0	36.0	9.0	2.00	1.00
	12 12						39.0M	54.0	127.0	20.0	4.00	2.00
	12 14						31.0M	95.0	230.0	35.0	2.20	0.70
	12 16						30.0M	42.0	109.0	15.0	1.40	0.50
	12 20						10.0M	31.0	75.0	19.0		
	12 22						77.0M	108.0	247.0	39.0	5.00	3.00
	12 24						29.0M	116.0	277.0	43.0	3.00	2.00
	12 26						26.0M	28.0	71.0	17.0	1.20	0.30

DATE FROM TO	TIME OF DAY	DEPTH FEET	17511 PB-214 SEDIMENT PCI/G	17512 PB-214 SED-ERR PCI/G	21503 PA-233 SEDIMENT PCI/G	21504 PA-233 SED-ERR PCI/G	21505 MPA-234 SEDIMENT PCI/G	21506 MPA-234 SED-ERR PCI/G	21508 PA-234 SEDIMENT PCI/G	21509 PA-234 SEDIMENT ERROR	22016 PU-238 SEDIMENT PCI/G	22017 PU-238 SEDIMENT ERRO
84/08/29	12 16		1.40	0.60								
	12 26		1.00	0.40								

STORET RETRIEVAL DATE 85/05/01

476590
35 53 56.0 084 13 35.0 2
BELOW WHITE WING ROAD
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
WHITEOAK CREEK 0.51
132TVAC 841006
0000 FEET DEPTH CSN-RSP 0745023-0695457

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	22019 PU-239 SEDIMENT PCI/G	22019 PU-239 SEDIMENT ERRO	22200 BE-7 SEDIMENT PCI/G	22201 BE-7 SED-ERR PCI/G	22250 NA-22 SEDIMENT PCI/G	22251 NA-22 SED-ERR PCI/G	22300 K-40 SEDIMENT PCI/G	22301 K-40 SED-ERR PCI/G	22350 TL-208 SEDIMENT PCI/G	22351 TL-208 SED-ERR PCI/G
84/08/29	12	10							25.0	4.0		
	12	12							20.0	2.0		
	12	14							19.0	2.0	1.40	0.40
	12	16							18.0	2.0	0.70	0.20
	12	20							22.0	3.0		
	12	22							22.0	2.0		
	12	24							20.0	3.0		
	12	26							20.0	2.0	0.60	0.20

DATE FROM TO	TIME OF DAY	DEPTH FEET	22375 BI-212 SEDIMENT PCI/G	22376 BI-212 SED-ERR PCI/G	22377 BI-214 SEDIMENT PCI/G	22378 BI-214 SED-ERR PCI/G	22450 AM-241 SEDIMENT PCI/G	22451 AM-241 SEDIMENT ERRO	22475 CU-244 SEDMENT PCI/G	22476 CU-244 SEDIMENT ERRO	22507 TH-234 SEDIMENT PCI/G	22508 TH-234 SED-ERR PCI/G
84/08/29	12	10			1.40	0.80	10.000	4.000				
	12	12			1.00	0.50	12.000	4.000				
	12	14			1.50	0.50						
	12	16	3.0	1.0	1.30	0.40						
	12	20					73.000	11.000				
	12	22			1.30	0.70	13.000	11.000				
	12	24			1.60	0.70						
	12	26			1.10	0.30						

DATE FROM TO	TIME OF DAY	DEPTH FEET	22608 URANIUM SEDIMENT UG/G	22609 URANIUM SED-ERR UG/G	22612 U-235 SEDIMENT PCI/G	22613 U-235 SED-ERR PCI/G	22503 THORIUM/ URANIUM RATIO	22504 TH-ALPHA TOT WAT PC/L	27999 RU-106 SEDIMENT PCI/	28000 RU-106 SEDIMENT ERROR	28416 CS-134 SEDIMENT PCI/G	28417 CS-134 SED-ERR PCI/G
84/08/29	12	10	0.70	0.20							0.900	0.500
	12	12	3.00	0.50								
	12	14	8.00	1.00								
	12	16	7.00	2.00								
	12	20	3.40	0.60							0.900	0.400
	12	22	6.00	1.00								
	12	24	6.80	0.90								
	12	26	4.50	0.90								
	12	30	4.10	0.60								

STORET RETRIEVAL DATE 85/05/21

476590
35 53 55.0 084 19 35.0 2
BELOW WHITE WING ROAD
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
WHITEOAK CREEK 0.51
132TVAC 841006
3000 FEET DEPTH CSN-RSP 0745023-0595457

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	28418 CS-137 SEDIMENT PCI/G	28419 CS-137 SED-ERR PCI/G	29504 CO-60 SEDIMENT PCI/G	29505 CO-60 SED-ERR PCI/G	29550 EU-152 SEDIMENT PCI/G	29551 EU-152 SEDIMENT ERRO	29552 EU-154 SEDIMENT PCI/G	29553 EU-154 SEDIMENT ERRO	25503 AC-228 SEDIMENT PCI/G	25504 AC-228 SED-ERR PCI/G
84/08/29	12	10	4327.0	255.0	118.000	8.000	7.0	3.0	13.00	3.00	2.5	0.9
	12	12	18990.0	1166.0	153.000	27.000			2.50	0.90	4.0	1.0
	12	14	8491.0	524.0	133.000	9.000			1.20	0.40	4.0	1.0
	12	16	558.0	35.0	15.000	1.000					1.5	0.4
	12	20	8643.0	1419.0	121.000	90.000			11.00	2.00	2.0	1.0
	12	22	26207.0	2371.0	176.000	13.000			9.00	3.00	7.0	2.0
	12	24	12658.0	767.0	170.000	21.000			1.50	0.70	4.0	2.0
	12	26	348.0	22.0	12.000	1.000					1.7	0.4
	12	30	9621.0	1290.0	184.000	12.000			2.50	0.70	3.0	1.0

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STORET RETRIEVAL DATE 85/04/12
 476550
35 53 56.0 084 19 35.0  2
BELOW WHITE WING ROAD
47145 TENNESSEE          ROANE
CLINCH RIVER BASIN        040102
WHITEOAK CREEK 0.51
132TVAC
        841006      DEPTH     0 DATA LOCKED AFTER 8405
/TYPA/AMBNT/STREAM
INDEX 1021500  007720  00920  7930   0950
MILES 0953.80 0046.50 567.70 020.84 000.51    .    .    .    .    .    .    .
     INITIAL DATE                          84/08/29
     INITIAL TIME-DEPTH-BOTTOM             1230
34223 ANTHRACE  SEDUG/KG   DRY WGT        840 L
34233 BENZBFLU  ORANTMUD  DRYUG/KG        840 L
34245 BENZKFLU  SEDUG/KG   DRY WGT        840 L
34250 BENZAPYR  SEDUG/KG   DRY WGT        840 L
34276 B2CETETR  SEDUG/KG   DRY WGT        840 L
34281 B2CETOXM  SEDUG/KG   DRY WGT        840 L
34286 B2CIPETR  SEDUG/KG   DRY WGT        840 L
34295 NBB PHTH  MLD-DRY     UG/KG         840 L
34323 CHRYSENE  SEDUG/KG   DRY WGT        840 L
34339 DETHPHTH  SEDUG/KG   DRY WGT        840 L
34344 DMETPHTH  SEDUG/KG   DRY WGT        840 L
34349 12DPHNHY  SEDUG/KG   DRY WGT        840 L
34379 FLANTENE  SEDUG/KG   DRY WGT        840 L
34384 FLUORENE  SEDUG/KG   DRY WGT        840 L
34389 HEXCLCPD  SEDUG/KG   DRY WGT        840 L
34395 HEXACLET  SEDUG/KG   DRY WGT        840 L
34406 I123CDPR  SEDUG/KG   DRY WGT        840 L
34411 ISPHRONE  SEDUG/KG   DRY WGT        840 L
34431 NITBNPRA  SEDUG/KG   DRY WGT        840 L
34436 NITRSDPA  SEDUG/KG   DRY WGT        840 L
34441 NITRSDMA  SEDUG/KG   DRY WGT        840 L
34445 NAPTHALE  SEDUG/KG   DRY WGT        840 L
34450 NITRBBEN  SEDUG/KG   DRY WGT        840 L
34464 PHENANTH  SEDUG/KG   DRY WGT        840 L
34472 PYRENE    SEDUG/KG   DRY WGT        840 L
34524 BZGHIPER  SEDUG/KG   DRY WGT        840 L
34529 BENZAANT  SEDUG/KG   DRY WGT        840 L
34539 12DCLBEN  SEDUG/KG   DRY WGT        840 L
34554 124TCBEN  SEDUG/KG   DRY WGT        840 L
34559 DBAHANTH  SEDUG/KG   DRY WGT        840 L
34569 13DCLBEN  SEDUG/KG   DRY WGT        840 L
34574 14DCLBEN  SEDUG/KG   DRY WGT        840 L
34584 2CLNAPTH  SEDUG/KG   DRY WGT        840 L
34595 DINBUTPH  SEDUG/KG   DRY WGT        840 L
34614 24DNTOLU  SEDUG/KG   DRY WGT        840 L
34629 26DNTOLU  SEDUG/KG   DRY WGT        840 L
34634 33DCBNZD  SEDUG/KG   DRY WGT       2100 L
34639 4BRPPETR  SEDUG/KG   DRY WGT        840 L
34644 4CLPPETR  SEDUG/KG   DRY WGT        840 L
39102 B2E PHTH  MLD-DRY     UG/KG         840 L
39112 DNB PHTH  MLD-DRY     UG/KG         840 L
39121 BENZIDIN  SEDUG/KG   DRY WGT       4200 L
39491 PCB-1221  SEDUG/KG   DRY WGT        100 L
39495 PCB-1232  SEDUG/KG   DRY WGT        100 L
39499 PCB-1242  SEDUG/KG   DRY WGT        100 L
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(SAMPLE CONTINUED ON NEXT PAGE)

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STORET RETRIEVAL DATE 85/04/12
 476590
35 53 56.0 084 19 35.0  2
BELOW WHITE WING ROAD
47145 TENNESSEE          ROANE
CLINCH RIVER BASIN        040102
WHITEOAK CREEK 0.51
132TVAC
        841006     DEPTH     0 DATA LOCKED AFTER 8405
/TYPA/AMENT/STREAM
INDEX 1021500  007720  00920  7930   095C
MILES 0953.80 0046.50 567.70 020.84 000.51    .    .    .    .    .    .    .
(SAMPLE CONTINUED FROM PREVIOUS PAGE)
     INITIAL DATE                          84/08/29
     INITIAL TIME-DEPTH-BOTTOM             1230
39503 PCB-1248   SEDUG/KG   DRY WGT        100 L
39507 PCB-1254   SEDUG/KG   DRY WGT        100 L
39511 PCB-1260   SEDUG/KG   DRY WGT        100 L
39514 PCB-1016   SEDUG/KG   DRY WGT        100 L
39701 HCB        SEDUG/KG   DRY WGT        840 L
39705 HEXCLBD    SEDUG/KG   DRY WGT        840 L
```

STORET RETRIEVAL DATE 85/04/12

476589
35 53 57.0 084 19 36.0 2
BELOW WHITE WING ROAD
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 04C102
WHITEOAK CREEK 0.55
132TVAC 841006
0000 FEET DEPTH CSN-RSP 0745022-0695455

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	70320 MOISTURE CONTENT PERCENT	70322 RESIDUE TOT VOL PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	81356 CATION EX. CAP. MEA/100G	71921 MERCURY SEDMG/KG DRY WGT	81756 TOT SED PARTSIZ% <.0005MM	80181 TOT SED PARTSIZE %<.002MM	80183 TOT SED PARTSIZE %<.008MM
84/08/29	12	15	5629	A	48		2.44					
	12	18	5630	B								
	12	21	5631	C								
	12	24	5632	D								
	12	30	4073086R	A								
	12	33	4073094R	B								
	12	36	4073102R	C								
	12	39	4073110R	D								
	12	45	5883	D30	39	5.4	2.37	9.0	2.7A	3.3	8.6	22.4
	12	46	5887	D30D	39	5.4	2.47	9.2	2.7A	4.9	10.6	26.8

DATE FROM TO	TIME OF DAY	DEPTH FEET	80184 TOT SED PARTSIZE %<.016MM	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	00557 OIL-GRSE MUD FRGR MG/KG	00721 CYANIDE SEDMG/KG DRY WGT	01003 ARSENIC SEDMG/KG DRY WGT	01028 CD MUD DRY WGT MG/KG-CD	01029 CHROMIUM SEDMG/KG DRY WGT
84/08/29	12	15		56.8		89.60	99.9					
	12	18		48.4		98.40	99.8					
	12	21		45.2		95.00	98.3					
	12	24		58.6		98.20	99.9					
	12	45	36.2	65.8					1.0U	5.0	2.2	290
	12	46	40.2	70.5					1.0U	5.0	2.6	280

DATE FROM TO	TIME OF DAY	DEPTH FEET	01078 SILVER SEDMG/KG DRY WGT	01163 ZR MUD DRY WGT MG/KG-ZR	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG	80329 MERCURY LT6.35MM SEDMG/KG	01052 LEAD SEDMG/KG DRY WGT	01068 NICKEL SEDMG/KG DRY WGT
84/08/29	12	15			2.90A		2.5A			39	25
	12	18			2.60		2.5			38	25
	12	21			2.60		2.4				
	12	24			0.10U		0.1U				
	12	45	10.00	450.00							
	12	46	9.00	420.00							

STORET RETRIEVAL DATE 85/04/12

476589
35 53 57.0 084 19 36.0 2
BELOW WHITE WING ROAD
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
WHITEOAK CREEK 0.55
132TVAC 841006
0000 FEET DEPTH CSN-RSP 0745022-0695455

/TYPA/AMENT/STREAM

DATE FROM TC	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	01507 ALPHA SEDIMENT PC/G	01509 ALPHA SED-ERR PC/G	03507 BETA SEDIMENT PC/G	03508 BETA SED-ERR PC/G	09507 RA-226 SEDIMENT PC/G	09508 RA-226 SED-ERR PC/G
84/08/29	12 15		5629	A	0.1	3.5						
	12 18		5630	B	3.6	7.1						
	12 21		5631	C	7.2	10.2						
	12 24		5632	D	10.3	13.4						
	12 30		4073086R	A	0.1	3.1	3.0	1.0	774	152		
	12 33		4073094R	B	3.2	6.3	3.0	1.0	706	139		
	12 36		4073102R	C	6.4	9.4	2.5	0.9	540	106		
	12 39		4073110R	D	9.5	12.6	2.7	0.9	128	25		
	12 45		5883	D30			3.0	1.0	836	164		
	12 46		5887	D30D								

DATE FROM TC	TIME OF DAY	DEPTH FEET	11506 RA-224 SEDIMENT PCI/G	11507 RA-224 SED-ERR PCI/G	11508 RA-223 SEDIMENT PCI/G	11509 RA-223 SEDIMENT ERROR	15505 SR-89 SEDIMENT PCI/G	15506 SR-89 SED-ERR PCI/G	15507 SR-90 SEDIMENT PCI/G	15508 SR-90 SED-ERR PCI/G	17509 PB-212 SEDIMENT PCI/G	17510 PB-212 SED-ERR PCI/G
84/08/29	12 30						0.3M	8.0	18.0	4.0	1.20	0.50
	12 33						3.0M	5.0	12.0	3.0	1.20	0.40
	12 36						1.0M	5.0	11.0	3.0	1.10	0.50
	12 39						2.0M	3.0	6.0	2.0	1.20	0.20
	12 45						4.0M	7.0	17.0	4.0	1.10	0.20

DATE FROM TC	TIME OF DAY	DEPTH FEET	17511 PB-214 SEDIMENT PCI/G	17512 PB-214 SED-ERR PCI/G	21503 PA-233 SEDIMENT PCI/G	21504 PA-233 SED-ERR PCI/G	21505 MPA-234 SEDIMENT PCI/G	21506 MPA-234 SED-ERR PCI/G	21508 PA-234 SEDIMENT PCI/G	21509 PA-234 SEDIMENT ERROR	22016 PU-238 SEDIMENT PCI/G	22017 PU-238 SEDIMENT ERRC
84/08/29	12 30										0.4600	0.0500
	12 33										0.3600	0.0300
	12 36		1.10	0.60							0.2200	0.0300
	12 39		1.10	0.20							0.0360	0.0080

STORET RETRIEVAL DATE 85/04/12

476599
35 53 57.0 084 19 36.0 2
BELOW WHITE WING ROAD
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
WHITEOAK CREEK 0.55
132TVAC 841006
0000 FEET DEPTH CSN-RSP 0745022-0695455

/TYPA/APENT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	22018 PU-239 SEDIMENT PCI/G	22019 PU-239 SEDIMENT ERRO	22200 BE-7 SEDIMENT PCI/G	22201 BE-7 SED-ERR PCI/G	22250 NA-22 SEDIMENT PCI/G	22251 NA-22 SED-ERR PCI/G	22300 K-40 SEDIMENT PCI/G	22301 K-40 SED-ERR PCI/G	22350 TL-208 SEDIMENT PCI/G	22351 TL-208 SED-ERR PCI/G
84/08/29	12 30		2.300	0.200					15.0	2.0		
	12 33		2.400	0.100					17.0	2.0		
	12 36		1.900	0.100					14.0	2.0		
	12 39		0.360	0.030					17.0	2.0	0.47	0.09
	12 45								14.0	9.0	0.40	0.30

DATE FROM TO	TIME OF DAY	DEPTH FEET	22375 BI-212 SEDIMENT PCI/G	22376 BI-212 SED-ERR PCI/G	22377 BI-214 SEDIMENT PCI/G	22378 BI-214 SED-ERR PCI/G	22450 AM-241 SEDIMENT PCI/G	22451 AM-241 SEDIMENT ERRO	22475 CU-244 SEDMENT PCI/G	22476 CU-244 SEDIMENT ERRO	22507 TH-234 SEDIMENT PCI/G	22508 TH-234 SED-ERR PCI/G
84/08/29	12 30						5.400	0.500	12.0000	1.0000		
	12 33						3.600	0.500	6.4000	0.8000		
	12 36				1.10	0.40	1.600	0.200	1.9000	0.2000		
	12 39				0.90	0.10	0.670	0.050	1.1800	0.0800	2.0	1.0
	12 45				0.60	0.10	4.000	1.000				

DATE FROM TO	TIME OF DAY	DEPTH FEET	22608 URANIUM SEDIMENT UG/G	22609 URANIUM SED-ERR UG/G	22612 U-235 SEDIMENT PCI/G	22613 U-235 SED-ERR PCI/G	22503 THORIUM/ URANIUM RATIO	22504 TH-ALPHA TOT WAT PC/L	27999 RU-106 SEDIMENT PCI/	28000 RU-106 SEDIMENT ERROR	28416 CS-134 SEDIMENT PCI/G	28417 CS-134 SED-ERR PCI/G
84/08/29	12 30		3.40	0.80							1.300	0.400
	12 33		2.80	0.70							0.900	0.300
	12 36		2.70	0.60								
	12 39		4.00	0.80								
	12 45		1.90	0.30							1.200	0.200

STORET RETRIEVAL DATE 85/03/31

475589
35 53 57.0 084 19 36.0 2
BELOW WHITE WING ROAD
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
WHITEOAK CREEK 0.55
132TVAC 841006
/TYPA/AMBNT/STREAM 0000 FEET DEPTH CSN-RSP 0745022-0595455

DATE FROM TO	TIME OF DAY	DEPTH FEET	28419 CS-137 SEDIMENT PCI/G	28419 CS-137 SED-ERR PCI/G	29604 CO-60 SEDIMENT PCI/G	29605 CO-60 SED-ERR PCI/G	29650 EU-152 SEDIMENT PCI/G	29651 EU-152 SEDIMENT ERRO	29652 EU-154 SEDIMENT PCI/G	29653 EU-154 SEDIMENT ERRO	25503 AC-228 SEDIMENT PCI/G	25504 AC-228 SED-ERR PCI/G
84/08/29	12 30		1211.0	75.0	150.000	11.000	8.9	0.8	8.90	0.80		
	12 33		1461.0	92.0	118.000	8.000	6.4	0.8	8.00	1.00	1.4	0.8
	12 36		1009.0	63.0	39.000	3.000	2.4	0.8	3.60	0.80	1.1	0.4
	12 39		188.0	12.0	16.000	1.000			0.54	0.08	1.4	0.3
	12 45		1085.0	100.0	130.000	8.000	8.0	0.8	7.00	0.70		

STORET RETRIEVAL DATE 85/04/12
476589
35 53 57.0 084 19 36.0 2
BELOW WHITE WING ROAD
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
WHITEOAK CREEK 0.55
132TVAC
841006 DEPTH 0 DATA LOCKED AFTER 8405
/TYPA/AMBNT/STREAM
INDEX 1021500 007720 00920 7930 0950
MILES 0953.80 0046.50 367.70 020.84 000.55 . . . . . .

	INITIAL DATE				84/08/29		84/08/29	
	INITIAL TIME-DEPTH-BOTTOM				1245		1246	
34223	ANTHRACE	SEDUG/KG	DRY WGT		820	L	820	U
34233	BENZBFLU	ORANTMUD	DRYUG/KG		820	L	820	U
34245	BENZKFLU	SEDUG/KG	DRY WGT		820	L	820	U
34250	BENZAPYR	SEDUG/KG	DRY WGT		820	L	820	U
34276	B2CETETR	SEDUG/KG	DRY WGT		820	L	820	U
34281	B2CETOXM	SEDUG/KG	DRY WGT		820	L	820	U
34286	B2CIPETR	SEDUG/KG	DRY WGT		820	L	820	U
34295	NBB PHTH	MLD-DRY	UG/KG		820	U	820	U
34323	CHRYSENE	SEDUG/KG	DRY WGT		820	L	820	U
34339	DETHPHTH	SEDUG/KG	DRY WGT		820	L	820	U
34344	DMETPHTH	SEDUG/KG	DRY WGT		820	L	820	U
34349	12DPHNHY	SEDUG/KG	DRY WGT		820	L	820	U
34379	FLANTENE	SEDUG/KG	DRY WGT		820	L	820	U
34384	FLUORENE	SEDUG/KG	DRY WGT		820	L	820	U
34389	HEXCLCPD	SEDUG/KG	DRY WGT		820	L	820	U
34399	HEXACLET	SEDUG/KG	DRY WGT		820	L	820	U
34406	I123CDPR	SEDUG/KG	DRY WGT		820	L	820	U
34411	ISPHRONE	SEDUG/KG	DRY WGT		820	L	820	U
34431	NITCNPRA	SEDUG/KG	DRY WGT		820	L	820	U
34436	NITRSDPA	SEDUG/KG	DRY WGT		820	L	820	U
34441	NITRSDMA	SEDUG/KG	DRY WGT		820	L	820	U
34445	NAPTHALE	SEDUG/KG	DRY WGT		820	L	820	U
34450	NITROBEN	SEDUG/KG	DRY WGT		820	L	820	U
34464	PHENANTH	SEDUG/KG	DRY WGT		820	L	820	U
34472	PYRENE	SEDUG/KG	DRY WGT		820	L	820	U
34524	BZGHIPER	SEDUG/KG	DRY WGT		820	L	820	U
34529	BENZAANT	SEDUG/KG	DRY WGT		820	L	820	U
34539	12DCLBEN	SEDUG/KG	DRY WGT		820	L	820	U
34554	124TCBEN	SEDUG/KG	DRY WGT		820	L	820	U
34559	DBAHANTH	SEDUG/KG	DRY WGT		820	L	820	U
34569	13DCLBEN	SEDUG/KG	DRY WGT		820	L	820	U
34574	14DCLBEN	SEDUG/KG	DRY WGT		820	L	820	U
34584	2CLNAPTH	SEDUG/KG	DRY WGT		820	L	820	U
34599	DINOCTPH	SEDUG/KG	DRY WGT		820	L	820	U
34614	24DNTOLU	SEDUG/KG	DRY WGT		820	L	820	U
34629	26DNTOLU	SEDUG/KG	DRY WGT		820	L	820	U
34634	33DCBNZD	SEDUG/KG	DRY WGT		2100	L	2100	U
34639	4BRPPETR	SEDUG/KG	DRY WGT		820	L	820	U
34644	4CLPPETR	SEDUG/KG	DRY WGT		820	L	820	U
39102	B2E PHTH	MLD-DRY	UG/KG		820	L	1600	
39112	DNB PHTH	MLD-DRY	UG/KG		820	L	820	U
39121	BENZIDIN	SEDUG/KG	DRY WGT		4100	L	4100	U
39491	PCB-1221	SEDUG/KG	DRY WGT		100	L	100	U
39495	PCB-1232	SEDUG/KG	DRY WGT		100	L	100	U
39499	PCB-1242	SEDUG/KG	DRY WGT		100	L	100	U

(SAMPLE CONTINUED ON NEXT PAGE)

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STORET RETRIEVAL DATE 85/04/12
 476589
35 53 57.0 084 19 36.0  2
BELOW WHITE WING ROAD
47145 TENNESSEE          ROANE
CLINCH RIVER BASIN        040102
WHITEOAK CREEK 0.55
132TVAC
        841006     DEPTH     0 DATA LOCKED AFTER 8405
/TYPA/AGENT/STREAM
INDEX 1021500  007720  00920  7930   0950
MILES 0953.80 0046.50 567.70 020.84 000.55    .     .     .     .     .     .     .
(SAMPLE CONTINUED FROM PREVIOUS PAGE)
     INITIAL DATE                          84/08/25  84/08/25
     INITIAL TIME-DEPTH-BOTTOM             1245      1246
39503 PCB-1248  SEDUG/KG   DRY WGT          100 L     100 U
39507 PCB-1254  SEDUG/KG   DRY WGT          100 L     100 U
39511 PCB-1260  SEDUG/KG   DRY WGT          100 L     100 U
39514 PCB-1016  SEDUG/KG   DRY WGT          100 L     100 U
39701 HCB       SEDUG/KG   DRY WGT          820 L     820 U
39705 HEXCLBD   SEDUG/KG   DRY WGT          820 L     820 U
```

APPENDIX II - TABLE 1

POPLAR CREEK

STORET RETRIEVAL DATE 85/04/12

476578
35 55 04.0 084 23 54.0 2
BELOW UNION CARBIDE
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
POPLAR CREEK 1.0
132TVAC 840804
0000 FEET DEPTH CSN-RSP 0739319-0695441

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	70320 MOISTURE CONTENT PERCENT	70322 RESIDUE TOT VOL PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	81356 CATION EX. CAP. MEA/100G	71921 MERCURY SEDMG/KG DRY WGT	81756 TOT SED PARTSIZ% <.0005MM	80181 TOT SED PARTSIZE %<.002MM	80183 TOT SED PARTSIZE %<.008MM
84/07/24	12 30		2100	D22	56	9.3	2.29	24.0	5.9	21.4	40.8	68.5

DATE FROM TO	TIME OF DAY	DEPTH FEET	80184 TOT SED PARTSIZE %<.016MM	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	00557 OIL-GRSE MUD FRGR MG/KG	00721 CYANIDE SEDMG/KG DRY WGT	01003 ARSENIC SEDMG/KG DRY WGT	01028 CD MUD DRY WGT MG/KG-CD	01029 CHROMIUM SEDMG/KG DRY WGT
84/07/24	12 30		83.5	97.1					1.1U	11.0	3.0	38

DATE FROM TO	TIME OF DAY	DEPTH FEET	01052 LEAD SEDMG/KG DRY WGT	01068 NICKEL SEDMG/KG DRY WGT	01078 SILVER SEDMG/KG DRY WGT	01163 ZR MUD DRY WGT MG/KG-ZR
84/07/24	12 30		36	65	2	340

STORET RETRIEVAL DATE 85/04/12

476578
35 55 04.0 084 23 54.0 2
BELOW UNION CARBIDE
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
POPLAR CREEK 1.0
132TVAC 840804
0000 FEET DEPTH CSN-RSP 0739319-0695441

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	01507 ALPHA SEDIMENT PC/G	01508 ALPHA SED-ERR PC/G	03507 BETA SEDIMENT PC/G	03508 BETA SED-ERR PC/G	09507 RA-226 SEDIMENT PC/G	09508 RA-226 SED-ERR PC/G
84/07/24	12 30		2100	D22			4.0	1.0	50	10	0.69	0.07

DATE FROM TO	TIME OF DAY	DEPTH FEET	11506 RA-224 SEDIMENT PCI/G	11507 RA-224 SED-ERR PCI/G	11508 RA-223 SEDIMENT PCI/G	11509 RA-223 SEDIMENT ERROR	15505 SR-89 SEDIMENT PCI/G	15506 SR-89 SED-ERR PCI/G	15507 SR-90 SEDIMENT PCI/G	15508 SR-90 SED-ERR PCI/G	17509 PB-212 SEDIMENT PCI/G	17510 PB-212 SED-ERR PCI/G
84/07/24	12 30		1.20	0.20			0.0	0.2	0.2	0.1	1.10	0.10

DATE FROM TO	TIME OF DAY	DEPTH FEET	17511 PB-214 SEDIMENT PCI/G	17512 PB-214 SED-ERR PCI/G	21503 PA-233 SEDIMENT PCI/G	21504 PA-233 SED-ERR PCI/G	21505 MPA-234 SEDIMENT PCI/G	21506 MPA-234 SED-ERR PCI/G	21508 PA-234 SEDIMENT PCI/G	21509 PA-234 SEDIMENT ERROR	22015 PU-238 SEDIMENT PCI/G	22017 PU-238 SEDIMENT ERRO
84/07/24	12 30		0.77	0.07	0.021	0.008	4.0	1.0				

DATE FROM TO	TIME OF DAY	DEPTH FEET	22018 PU-239 SEDIMENT PCI/G	22019 PU-239 SEDIMENT ERRO	22200 BE-7 SEDIMENT PCI/G	22201 BE-7 SED-ERR PCI/G	22250 NA-22 SEDIMENT PCI/G	22251 NA-22 SED-ERR PCI/G	22300 K-40 SEDIMENT PCI/G	22301 K-40 SED-ERR PCI/G	22350 TL-208 SEDIMENT PCI/G	22351 TL-208 SED-ERR PCI/G
84/07/24	12 30		0.023	0.003	0.80	0.10			15.0	1.0	0.37	0.04

STORET RETRIEVAL DATE 85/05/01

476578
35 55 04.0 084 23 54.0 2
BELOW UNION CARBIDE
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
POPLAR CREEK 1.0
132TVAC 840804
0000 FEET DEPTH CSN-RSP 0739319-0695141

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	22375 BI-212 SEDIMENT PCI/G	22376 BI-212 SED-ERR PCI/G	22377 BI-214 SEDIMENT PCI/G	22378 BI-214 SED-ERR PCI/G	22450 AM-241 SEDIMENT PCI/G	22451 AM-241 SEDIMENT ERRO	22475 CU-244 SEDMENT PCI/G	22476 CU-244 SEDIMENT ERRO	22507 TH-234 SEDIMENT PCI/G	22508 TH-234 SED-ERR PCI/G
84/07/24	12 30		1.2	0.2	0.69	0.07	0.023	0.006			3.2	0.5

DATE FROM TO	TIME OF DAY	DEPTH FEET	22608 URANIUM SEDIMENT UG/G	22609 URANIUM SED-ERR UG/G	22612 U-235 SEDIMENT PCI/G	22613 U-235 SED-ERR PCI/G	22503 THORIUM/ URANIUM RATIO	22504 TH-ALPHA TOT WAT PC/L	27999 RU-106 SEDIMENT PCI/	28000 RU-106 SEDIMENT ERROR	28416 CS-134 SEDIMENT PCI/G	28417 CS-134 SED-ERR PCI/G
84/07/24	12 30		0.70	0.30	0.80	0.40					0.057	0.009

DATE FROM TO	TIME OF DAY	DEPTH FEET	28418 CS-137 SEDIMENT PCI/G	28419 CS-137 SED-ERR PCI/G	29604 CO-60 SEDIMENT PCI/G	29605 CO-60 SED-ERR PCI/G	29650 EU-152 SEDIMENT PCI/G	29651 EU-152 SEDIMENT ERRO	29652 EU-154 SEDIMENT PCI/G	29653 EU-154 SEDIMENT ERRO	25503 AC-228 SEDIMENT PCI/G	25504 AC-228 SED-ERR PCI/G
84/07/24	12 30		1.5	0.1	0.400	0.040					1.1	0.1

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STORET RETRIEVAL DATE 85/04/12
 476578
35 55 04.0 084 23 54.0  2
BELOW UNION CARBIDE
47145 TENNESSEE          ROANE
CLINCH RIVER BASIN        040102
POPLAR CREEK 1.0
132TVAC
        840804      DEPTH     0 DATA LOCKED AFTER 8405
/TYPA/AMBNT/STREAM
INDEX 102150C  007720  00920  7930   0610
MILES 0953.80 0046.50 567.70 012.00 001.00    .     .     .     .     .     .     .
     INITIAL DATE                          84/07/24
     INITIAL TIME-DEPTH-BOTTOM             1230
34223 ANTHRACE  SEDUG/KG   DRY WGT      1700 L
34233 BENZBFLU  GRANTMUD  DRYUG/KG      1700 L
34245 BENZKFLU  SEDUG/KG   DRY WGT      1700 L
34250 BENZAPYR  SEDUG/KG   DRY WGT      1700 L
34276 B2CETETR  SEDUG/KG   DRY WGT      1700 L
34281 B2CETOXM  SEDUG/KG   DRY WGT      1700 U
34286 B2CIPETR  SEDUG/KG   DRY WGT      1700 L
34295 NBB PHTH  MLD-DRY     UG/KG       1700 L
34323 CHRYSENE  SEDUG/KG   DRY WGT      1700 L
34339 DETHPHTH  SEDUG/KG   DRY WGT      1700 L
34344 DMETPHTH  SEDUG/KG   DRY WGT      1700 L
34349 12DPHNHY  SEDUG/KG   DRY WGT      1700 L
34379 FLANTENE  SEDUG/KG   DRY WGT      1700 L
34384 FLUORENE  SEDUG/KG   DRY WGT      1700 L
34389 HEXCLCPD  SEDUG/KG   DRY WGT      1700 L
34395 HEXACLET  SEDUG/KG   DRY WGT      1700 L
34406 I123CDPR  SEDUG/KG   DRY WGT      1700 L
34411 ISPHRONE  SEDUG/KG   DRY WGT      1700 L
34431 NITBNPRA  SEDUG/KG   DRY WGT      1700 L
34436 NITRSDPA  SEDUG/KG   DRY WGT      1700 L
34441 NITRSDMA  SEDUG/KG   DRY WGT      1700 L
34445 NAPTHALE  SEDUG/KG   DRY WGT      1700 L
34450 NITROBEN  SEDUG/KG   DRY WGT      1700 L
34464 PHENANTH  SEDUG/KG   DRY WGT      1700 L
34472 PYRENE    SEDUG/KG   DRY WGT      1700 L
34524 B2GHIPER  SEDUG/KG   DRY WGT      1700 L
34529 BENZAANT  SEDUG/KG   DRY WGT      1700 L
34539 12DCLBEN  SEDUG/KG   DRY WGT      1700 L
34554 124TCBEN  SEDUG/KG   DRY WGT      1700 L
34559 DBAHANTH  SEDUG/KG   DRY WGT      1700 L
34569 13DCLBEN  SEDUG/KG   DRY WGT      1700 U
34574 14DCLBEN  SEDUG/KG   DRY WGT      1700 L
34584 2CLNAPTH  SEDUG/KG   DRY WGT      1700 L
34599 DINOCTPH  SEDUG/KG   DRY WGT      1700 L
34614 24DNTOLU  SEDUG/KG   DRY WGT      1700 L
34629 26DNTOLU  SEDUG/KG   DRY WGT      1700 L
34634 33DCBNZD  SEDUG/KG   DRY WGT      4000 L
34639 4BRPPETR  SEDUG/KG   DRY WGT      1700 L
34644 4CLPPETR  SEDUG/KG   DRY WGT      1700 L
39102 B2E PHTH  MLD-DRY     UG/KG       1700 P
39112 DNB PHTH  MLD-DRY     UG/KG       1700 L
39121 BENZIDIN  SEDUG/KG   DRY WGT      8000 P
39491 PCB-1221  SEDUG/KG   DRY WGT       100 L
39495 PCB-1232  SEDUG/KG   DRY WGT       100 L
39499 PCB-1242  SEDUG/KG   DRY WGT       100 L
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(SAMPLE CONTINUED ON NEXT PAGE)

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STORET RETRIEVAL DATE 85/04/12
 476578
35 55 04.0 084 23 54.0  2
BELOW UNION CARBIDE
47145 TENNESSEE          ROANE
CLINCH RIVER BASIN        040102
POPLAR CREEK 1.0
132TVAC
        840804      DEPTH     0 DATA LOCKED AFTER 8405
/TYPA/AMBNT/STREAM
INDEX 1C2150C  007720  00920  793C   0610
MILES 0953.80 0046.50 567.70 012.00 001.00    .    .    .    .    .    .    .
(SAMPLE CONTINUED FROM PREVIOUS PAGE)
     INITIAL DATE                          84/07/24
     INITIAL TIME-DEPTH-BOTTOM             1230
39503 PCB-1248  SEDUG/KG   DRY WGT        100 L
39507 PCB-1254  SEDUG/KG   DRY WGT        100 L
39511 PCB-1260  SEDUG/KG   DRY WGT        100 L
39514 PCB-1016  SEDUG/KG   DRY WGT        100 L
39701 HCB       SEDUG/KG   DRY WGT       1700 L
39705 HEXCLBD   SEDUG/KG   DRY WGT       1700 L
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STORET RETRIEVAL DATE 85/04/12

476579
35 56 36.0 084 24 01.0 2
ABOVE UNION CARBIDE
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
POPLAR CREEK 3.8
132TVAC 840804
0000 FEET DEPTH CSN-RSP 0739320-0695442

/TYPA/APENT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	70320 MOISTURE CONTENT PERCENT	70322 RESIDUE TOT VOL PERCENT	71821 SPECIFIC GRAVITY SEDGM/CM	81356 CATION EX. CAP. MEA/100G	71921 MERCURY SEDMG/KG DRY WGT	81756 TOT SED PARTSIZ% <.0005MM	80181 TOT SED PARTSIZE %<.002MM	80183 TOT SED PARTSIZE %<.008MM
84/07/24	12 00		2101	023	45	8.1	2.18	11.0	4.3	16.8	32.8	51.1

DATE FROM TO	TIME OF DAY	DEPTH FEET	80184 TOT SED PARTSIZE %<.016MM	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	00557 OIL-GRSE MUD FRGR MG/KG	00721 CYANIDE SEDMG/KG DRY WGT	01003 ARSENIC SEDMG/KG DRY WGT	01028 CD MUD DRY WGT MG/KG-CD	01029 CHROMIUM SEDMG/KG DRY WGT
84/07/24	12 00		62.3	79.9					1.0U	7.4	3.5	25

DATE FROM TO	TIME OF DAY	DEPTH FEET	01052 LEAD SEDMG/KG DRY WGT	01068 NICKEL SEDMG/KG DRY WGT	01078 SILVER SEDMG/KG DRY WGT	01163 ZR MUD DRY WGT MG/KG-ZR
84/07/24	12 00		38	59	2	470

STORET RETRIEVAL DATE 85/04/12

476579
35 56 36.0 084 24 01.0 2
ABOVE UNION CARBIDE
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
POPLAR CREEK 3.8
132TVAC 840804
0000 FEET DEPTH CSN-RSP 0739320-0695442

/TYPA/AMENT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	01507 ALPHA SEDIMENT PC/G	01508 ALPHA SED-ERR PC/G	03507 BETA SEDIMENT PC/G	03508 BETA SED-ERR PC/G	09507 RA-226 SEDIMENT PC/G	09508 RA-226 SED-ERR PC/G
84/07/24	12 00		2101	023			11.0	4.0	60	10	0.61	0.06

DATE FROM TO	TIME OF DAY	DEPTH FEET	11506 RA-224 SEDIMENT PCI/G	11507 RA-224 SED-ERR PCI/G	11508 RA-223 SEDIMENT PCI/G	11509 RA-223 SEDIMENT ERROR	15505 SR-89 SEDIMENT PCI/G	15506 SR-89 SED-ERR PCI/G	15507 SR-90 SEDIMENT PCI/G	15508 SR-90 SED-ERR PCI/G	17509 PB-212 SEDIMENT PCI/G	17510 PB-212 SED-ERR PCI/G
84/07/24	12 00		1.00	0.20			0.0	0.3	0.2	0.2	0.98	0.09

DATE FROM TO	TIME OF DAY	DEPTH FEET	17511 PB-214 SEDIMENT PCI/G	17512 PB-214 SED-ERR PCI/G	21503 PA-233 SEDIMENT PCI/G	21504 PA-233 SED-ERR PCI/G	21505 MPA-234 SEDIMENT PCI/G	21506 MPA-234 SED-ERR PCI/G	21508 PA-234 SEDIMENT PCI/G	21509 PA-234 SEDIMENT ERROR	22015 PU-238 SEDIMENT PCI/G	22017 PU-238 SEDIMENT ERRO
84/07/24	12 00		0.68	0.05	0.030	0.010	7.0	2.0				

DATE FROM TO	TIME OF DAY	DEPTH FEET	22018 PU-239 SEDIMENT PCI/G	22019 PU-239 SEDIMENT ERRO	22200 BE-7 SEDIMENT PCI/G	22201 BE-7 SED-ERR PCI/G	22250 NA-22 SEDIMENT PCI/G	22251 NA-22 SED-ERR PCI/G	22300 K-40 SEDIMENT PCI/G	22301 K-40 SED-ERR PCI/G	22350 TL-208 SEDIMENT PCI/G	22351 TL-208 SED-ERR PCI/G
84/07/24	12 00				1.10	0.20			13.0	1.0	0.34	0.03

STORET RETRIEVAL DATE 85/05/01

476579
35 56 36.0 084 24 31.0 2
ABOVE UNION CARBIDE
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
POPLAR CREEK 3.9
132TVAC 840904
2000 FEET DEPTH CSN-RSP 0739320-0695442

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	22375 BI-212 SEDIMENT PCI/G	22376 BI-212 SED-ERR PCI/G	22377 BI-214 SEDIMENT PCI/G	22378 BI-214 SED-ERR PCI/G	22450 AM-241 SEDIMENT PCI/G	22451 AM-241 SEDIMENT ERRO	22475 CU-244 SEDMENT PCI/G	22476 CU-244 SEDIMENT ERRO	22507 TH-234 SEDIMENT PCI/G	22508 TH-234 SED-ERR PCI/G
84/07/24	12 00		1.2	0.2	0.61	0.06					3.8	0.6

DATE FROM TO	TIME OF DAY	DEPTH FEET	22608 URANIUM SEDIMENT UG/G	22609 URANIUM SED-ERR UG/G	22612 U-235 SEDIMENT PCI/G	22613 U-235 SED-ERR PCI/G	22503 THORIUM/ URANIUM RATIO	22504 TH-ALPHA TOT WAT PC/L	27999 RU-106 SEDIMENT PCI/	28000 RU-106 SEDIMENT ERROR	28416 CS-134 SEDIMENT PCI/G	28417 CS-134 SED-ERR PCI/G
84/07/24	12 00		14.00	1.00	0.26	0.06					0.160	0.020

DATE FROM TO	TIME OF DAY	DEPTH FEET	28418 CS-137 SEDIMENT PCI/G	28419 CS-137 SED-ERR PCI/G	29604 CO-60 SEDIMENT PCI/G	29605 CO-60 SED-ERR PCI/G	29650 EU-152 SEDIMENT PCI/G	29651 EU-152 SEDIMENT ERRO	29652 EU-154 SEDIMENT PCI/G	29653 EU-154 SEDIMENT ERRO	25503 AC-228 SEDIMENT PCI/G	25504 AC-228 SED-ERR PCI/G
84/07/24	12 00		1.9	0.1	1.180	0.090					1.0	0.1

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STORET RETRIEVAL DATE 85/04/12
 476579
35 56 36.0 084 24 01.0  2
ABOVE UNION CARBIDE
47145 TENNESSEE          ROANE
CLINCH RIVER BASIN        040102
POPLAR CREEK 3.8
132TVAC
        840804      DEPTH     0 DATA LOCKED AFTER 8405
/TYPA/AMENT/STREAM
INDEX 1021500  007720  00920  793C   0610
MILES 0953.80 0046.50 567.70 012.00 003.80
     INITIAL DATE                          84/07/24
     INITIAL TIME-DEPTH-BOTTOM             1200
34223 ANTHRACE  SEDUG/KG   DRY WGT        1400 L
34233 BENZBFLU  ORANTMUD  DRYUG/KG        1400 L
34245 BENZKFLU  SEDUG/KG   DRY WGT        1400 L
34250 BENZAPYR  SEDUG/KG   DRY WGT        1400 L
34276 B2CETETR  SEDUG/KG   DRY WGT        1400 L
34281 B2CETOXM  SEDUG/KG   DRY WGT        1400 L
34286 B2CIPETR  SEDUG/KG   DRY WGT        1400 L
34295 NBB PHTH  MLD-DRY     UG/KG         1400 L
34323 CHRYSENE  SEDUG/KG   DRY WGT        1400 L
34339 DETHPHTH  SEDUG/KG   DRY WGT        1400 L
34344 DMETPHTH  SEDUG/KG   DRY WGT        1400 L
34349 12DPHNHY  SEDUG/KG   DRY WGT        1400 L
34379 FLANTENE  SEDUG/KG   DRY WGT        1400 L
34384 FLUORENE  SEDUG/KG   DRY WGT        1400 L
34389 HEXCLCPD  SEDUG/KG   DRY WGT        1400 L
34399 HEXACLET  SEDUG/KG   DRY WGT        1400 L
34406 I123CDPR  SEDUG/KG   DRY WGT        1400 L
34411 ISPHRONE  SEDUG/KG   DRY WGT        1400 L
34431 NITCNPRA  SEDUG/KG   DRY WGT        1400 L
34436 NITRSDPA  SEDUG/KG   DRY WGT        1400 L
34441 NITRSDMA  SEDUG/KG   DRY WGT        1400 L
34445 NAPTHALE  SEDUG/KG   DRY WGT        1400 L
34450 NITROBEN  SEDUG/KG   DRY WGT        1400 L
34464 PHENANTH  SEDUG/KG   DRY WGT        1400 L
34472 PYRENE    SEDUG/KG   DRY WGT        1400 L
34524 B2GHIPER  SEDUG/KG   DRY WGT        1400 L
34529 BENZAANT  SEDUG/KG   DRY WGT        1400 L
34539 12DCLBEN  SEDUG/KG   DRY WGT        1400 L
34554 124TCBEN  SEDUG/KG   DRY WGT        1400 L
34559 CEANANTH  SEDUG/KG   DRY WGT        1400 L
34569 13DCLBEN  SEDUG/KG   DRY WGT        1400 L
34574 14DCLBEN  SEDUG/KG   DRY WGT        1400 L
34584 2CLNAPTH  SEDUG/KG   DRY WGT        1400 L
34599 CINCCTPH  SEDUG/KG   DRY WGT        1400 L
34614 24DNTOLU  SEDUG/KG   DRY WGT        1400 L
34629 26DNTOLU  SEDUG/KG   DRY WGT        1400 L
34634 33DCBNZD  SEDUG/KG   DRY WGT        3000 L
34639 4BRPPETR  SEDUG/KG   DRY WGT        1400 L
34644 4CLPPETR  SEDUG/KG   DRY WGT        1400 L
39102 B2E PHTH  MLD-DRY     UG/KG         1400 M
39112 DNB PHTH  MLD-DRY     UG/KG         1400 L
39121 BENZIDIN  SEDUG/KG   DRY WGT        7000 M
39491 PCB-1221  SEDUG/KG   DRY WGT         100 L
39495 PCB-1232  SEDUG/KG   DRY WGT         100 L
39499 PCB-1242  SEDUG/KG   DRY WGT         100 L
(SAMPLE CONTINUED ON NEXT PAGE)
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STORET RETRIEVAL DATE 85/04/12
 476579
35 56 36.0 084 24 01.0  2
ABOVE UNION CARBIDE
47145 TENNESSEE          ROANE
CLINCH RIVER BASIN        040102
POPLAR CREEK 3.8
132TVAC
        840804      DEPTH     0 DATA LOCKED AFTER 8405
/TYPA/AMBNT/STREAM
INDEX 1021500  007720  00920  7930   0610
MILES 0953.80 0046.50 567.70 012.00 003.80    .     .     .     .     .     .     .
(SAMPLE CONTINUED FROM PREVIOUS PAGE)
     INITIAL DATE                          84/07/24
     INITIAL TIME-DEPTH-BOTTOM             1200
39503 PCB-1248  SEDUG/KG   DRY WGT        100 L
39507 PCB-1254  SEDUG/KG   DRY WGT        100 L
39511 PCB-1260  SEDUG/KG   DRY WGT        100 L
39514 PCB-1016  SEDUG/KG   DRY WGT        100 L
39701 HCB       SEDUG/KG   DRY WGT       1400 L
39705 HEXCLBD   SEDUG/KG   DRY WGT       1400 L
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STORET RETRIEVAL DATE 85/04/12

476580
35 57 43.0 084 23 51.0 2
NEAR POPLAR CREEK ROAD
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
POPLAR CREEK 6.8
132TVAC 840804
0000 FEET DEPTH CSN-RSP 0739321-0695443

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	70320 MOISTURE CONTENT PERCENT	70322 RESIDUE TOT VOL PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	81356 CATION EX. CAP. MEA/100G	71921 MERCURY SEDMG/KG DRY WGT	81756 TOT SED PARTSIZ% <.0005MM	80181 TOT SED PARTSIZE %<.002MM	80183 TOT SED PARTSIZE %<.008MM
84/07/24	11 15		2102	D24	41	4.0	1.97	8.4	0.1	8.9	19.3	34.2

DATE FROM TO	TIME OF DAY	DEPTH FEET	80184 TOT SED PARTSIZE %<.016MM	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	00557 OIL-GRSE MUD FRGR MG/KG	00721 CYANIDE SEDMG/KG DRY WGT	01003 ARSENIC SEDMG/KG DRY WGT	01028 CD MUD DRY WGT MG/KG-CD	01029 CHROMIUM SEDMG/KG DRY WGT
84/07/24	11 15		41.2	49.6					0.8U	8.2	2.1	19

DATE FROM TO	TIME OF DAY	DEPTH FEET	01052 LEAD SEDMG/KG DRY WGT	01068 NICKEL SEDMG/KG DRY WGT	01078 SILVER SEDMG/KG DRY WGT	01163 ZR MUD DRY WGT MG/KG-ZR
84/07/24	11 15		23	43	1U	220

STORET RETRIEVAL DATE 85/04/12

476580
35 57 43.0 084 23 51.0 2
NEAR POPLAR CREEK ROAD
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
POPLAR CREEK 5.8
132TVAC 840804
0000 FEET DEPTH CSN-RSP 0739321-0695443

/TYPA/AMENT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	01507 ALPHA SEDIMENT PC/G	01508 ALPHA SED-ERR PC/G	03507 BETA SEDIMENT PC/G	03508 BETA SED-ERR PC/G	09507 RA-226 SEDIMENT PC/G	09508 RA-226 SED-ERR PC/G
84/07/24	11 15		2102	D24			9.0	3.0	36	7	0.62	0.07

DATE FROM TO	TIME OF DAY	DEPTH FEET	11506 RA-224 SEDIMENT PCI/G	11507 RA-224 SED-ERR PCI/G	11508 RA-223 SEDIMENT PCI/G	11509 RA-223 SEDIMENT ERROR	15505 SR-89 SEDIMENT PCI/G	15506 SR-89 SED-ERR PCI/G	15507 SR-90 SEDIMENT PCI/G	15508 SR-90 SED-ERR PCI/G	17509 PB-212 SEDIMENT PCI/G	17510 PB-212 SED-ERR PCI/G
84/07/24	11 15		0.80	0.20	0.17	0.08	0.0	0.3	0.1	0.1	0.76	0.07

DATE FROM TO	TIME OF DAY	DEPTH FEET	17511 PB-214 SEDIMENT PCI/G	17512 PB-214 SED-ERR PCI/G	21503 PA-233 SEDIMENT PCI/G	21504 PA-233 SED-ERR PCI/G	21505 MPA-234 SEDIMENT PCI/G	21506 MPA-234 SED-ERR PCI/G	21508 PA-234 SEDIMENT PCI/G	21509 PA-234 SEDIMENT ERROR	22016 PU-238 SEDIMENT PCI/G	22017 PU-238 SEDIMENT ERRO
84/07/24	11 15		0.68	0.07								

DATE FROM TO	TIME OF DAY	DEPTH FEET	22018 PU-239 SEDIMENT PCI/G	22019 PU-239 SEDIMENT ERRO	22200 BE-7 SEDIMENT PCI/G	22201 BE-7 SED-ERR PCI/G	22250 NA-22 SEDIMENT PCI/G	22251 NA-22 SED-ERR PCI/G	22300 K-40 SEDIMENT PCI/G	22301 K-40 SED-ERR PCI/G	22350 TL-208 SEDIMENT PCI/G	22351 TL-208 SED-ERR PCI/G
84/07/24	11 15				0.80	0.10			10.7	0.9	0.28	0.03

STORET RETRIEVAL DATE 85/05/31

476580
35 57 43.0 084 23 51.0 2
NEAR POPLAR CREEK ROAD
47145 TENNESSEE ROANE
CLINCH RIVER BASIN 040102
POPLAR CREEK 5.8
132TVAC 840804
0000 FEET DEPTH CSN-RSP 0739321-0695443

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	22375 BI-212 SEDIMENT PCI/G	22376 BI-212 SED-ERR PCI/G	22377 BI-214 SEDIMENT PCI/G	22378 BI-214 SED-ERR PCI/G	22450 AM-241 SEDIMENT PCI/G	22451 AM-241 SEDIMENT ERRO	22475 CU-244 SEDMENT PCI/G	22476 CU-244 SEDIMENT ERRO	22507 TH-234 SEDIMENT PCI/G	22508 TH-234 SED-ERR PCI/G
84/07/24	11	15	0.9	0.1	0.02	0.07					1.5	0.3

DATE FROM TO	TIME OF DAY	DEPTH FEET	22608 URANIUM SEDIMENT UG/G	22609 URANIUM SED-ERR UG/G	22612 U-235 SEDIMENT PCI/G	22613 U-235 SED-ERR PCI/G	22503 THORIUM/ URANIUM RATIO	22504 TH-ALPHA TOT WAT PC/L	27999 RU-106 SEDIMENT PCI/	28000 RU-106 SEDIMENT ERROR	28416 CS-134 SEDIMENT PCI/G	28417 CS-134 SED-ERR PCI/G
84/07/24	11	15	4.90	0.60								

DATE FROM TO	TIME OF DAY	DEPTH FEET	28418 CS-137 SEDIMENT PCI/G	28419 CS-137 SED-ERR PCI/G	29604 CO-60 SEDIMENT PCI/G	29605 CO-60 SED-ERR PCI/G	29650 EU-152 SEDIMENT PCI/G	29651 EU-152 SEDIMENT ERRO	29652 EU-154 SEDIMENT PCI/G	29653 EU-154 SEDIMENT ERRO	25503 AC-228 SEDIMENT PCI/G	25504 AC-228 SED-ERR PCI/G
84/07/24	11	15	0.1	0.02	0.018	0.008					0.8	0.1

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STORET RETRIEVAL DATE 85/04/12
 476580
35 57 43.0 084 23 51.0  2
NEAR POPLAR CREEK ROAD
47145 TENNESSEE          ROANE
CLINCH RIVER BASIN        040102
POPLAR CREEK 6.8
132TVAC
        840804      DEPTH     0 DATA LOCKED AFTER 8405
/TYPA/AMENT/STREAM
INDEX 1021500  007720  00920  7930   0610
MILES 0953.80 0046.50 567.70 012.00 006.80    .     .     .     .     .     .     .
     INITIAL DATE                              84/07/24
     INITIAL TIME-DEPTH-BOTTOM                 1115
34223 ANTHRACE   SEDUG/KG    DRY WGT          1100 L
34233 BENZBFLU   ORANTMUD   DRYUG/KG          1100 L
34245 BENZKFLU   SEDUG/KG    DRY WGT          1100 L
34250 BENZAPYR   SEDUG/KG    DRY WGT          1100 L
34276 B2CETETR   SEDUG/KG    DRY WGT          1100 L
34281 B2CETOXM   SEDUG/KG    DRY WGT          1100 L
34286 B2CIPETR   SEDUG/KG    DRY WGT          1100 L
34295 NBB PHTH   WLD-DRY      UG/KG           1100 L
34323 CHRYSENE   SEDUG/KG    DRY WGT          1100 L
34339 DETHPHTH   SEDUG/KG    DRY WGT          1100 L
34344 DMETPHTH   SEDUG/KG    DRY WGT          1100 L
34349 12DPHNHY   SEDUG/KG    DRY WGT          1100 L
34379 FLANTENE   SEDUG/KG    DRY WGT          1100 L
34384 FLUORENE   SEDUG/KG    DRY WGT          1100 L
34389 HEXCLCPD   SEDUG/KG    DRY WGT          1100 L
34399 HEXACLET   SEDUG/KG    DRY WGT          1100 L
34406 I123CDPR   SEDUG/KG    DRY WGT          1100 L
34411 ISPHRONE   SEDUG/KG    DRY WGT          1100 L
34431 NITDNPRA   SEDUG/KG    DRY WGT          1100 L
34436 NITRSDPA   SEDUG/KG    DRY WGT          1100 L
34441 NITRSDMA   SEDUG/KG    DRY WGT          1100 L
34445 NAPTHALE   SEDUG/KG    DRY WGT          1100 L
34450 NITROBEN   SEDUG/KG    DRY WGT          1100 L
34464 PHENANTH   SEDUG/KG    DRY WGT          1100 L
34472 PYRENE     SEDUG/KG    DRY WGT          1100 L
34524 B2EHIPER   SEDUG/KG    DRY WGT          1100 L
34529 BENZAANT   SEDUG/KG    DRY WGT          1100 L
34539 12DCLBEN   SEDUG/KG    DRY WGT          1100 L
34554 124TCBEN   SEDUG/KG    DRY WGT          1100 L
34559 DBAHANTH   SEDUG/KG    DRY WGT          1100 L
34569 13DCLBEN   SEDUG/KG    DRY WGT          1100 L
34574 14DCLBEN   SEDUG/KG    DRY WGT          1100 L
34584 2CLNAPTH   SEDUG/KG    DRY WGT          1100 L
34599 CINDCTFH   SEDUG/KG    DRY WGT          1100 L
34614 24DNTOLU   SEDUG/KG    DRY WGT          1100 L
34629 26DNTOLU   SEDUG/KG    DRY WGT          1100 L
34634 33DCBNZD   SEDUG/KG    DRY WGT          2700 L
34639 4BRFPETR   SEDUG/KG    DRY WGT          1100 L
34644 4CLPPETR   SEDUG/KG    DRY WGT          1100 L
39102 B2E PHTH   WLD-DRY      UG/KG           1100 L
39112 DNB PHTH   WLD-DRY      UG/KG           1100 L
39121 BENZIDIN   SEDUG/KG    DRY WGT          6000 M
39491 PCB-1221   SEDUG/KG    DRY WGT           100 L
39495 PCB-1232   SEDUG/KG    DRY WGT           100 L
39499 PCB-1242   SEDUG/KG    DRY WGT           100 L
```

(SAMPLE CONTINUED ON NEXT PAGE)

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STORET RETRIEVAL DATE 85/04/12
 476580
35 57 43.0 084 23 51.0  2
NEAR POPLAR CREEK ROAD
47145 TENNESSEE          ROANE
CLINCH RIVER BASIN        040102
POPLAR CREEK 6.8
132TVAC
        840804      DEPTH     0 DATA LOCKED AFTER 8405
/TYPA/AMBNT/STREAM
INDEX 1021500  007720  00920  7930   0610
MILES 0953.80 0046.50 567.70 012.00 006.80    .    .    .    .    .    .    .
(SAMPLE CONTINUED FROM PREVIOUS PAGE)
     INITIAL DATE                          84/07/24
     INITIAL TIME-DEPTH-BOTTOM             1115
39503 PCB-1248  SEDUG/KG   DRY WGT        100 L
39507 PCB-1254  SEDUG/KG   DRY WGT        100 L
39511 PCB-1260  SEDUG/KG   DRY WGT        100 L
39514 PCB-1016  SEDUG/KG   DRY WGT        100 L
39701 HCB       SEDUG/KG   DRY WGT       1100 L
39705 HEXCLBD   SEDUG/KG   DRY WGT       1100 L
```

APPENDIX II - TABLE 1

CLINCH RIVER
(WATTS BAR RESERVOIR)

STORET RETRIEVAL DATE 85/04/12

476576
35 53 25.0 084 30 12.0 2
WATTS BAR RESERVOIR
47145 TENNESSEE ROANE
TENNESSEE RIVER BASIN 040101
CLINCH RIVER 3.7
132TVAC 840720
0000 FEET DEPTH CSN-RSP 0738623-0695438

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	70320 MOISTURE CONTENT PERCENT	70322 RESIDUE TOT VOL PERCENT	71821 SPECIFIC GRAVITY SEDGM/CM	81356 CATION EX. CAP. MEA/100G	71921 MERCURY SEDMG/KG DRY WGT	81756 TOT SED PARTSIZ% <.0005MM	80181 TOT SED PARTSIZE %<.002MM	80183 TOT SED PARTSIZE %<.008MM
84/07/10	13 30		1518	F8	34	8.4	2.33	10.0	2.8	22.3	39.1	59.6
	14 00		4052957R	1								
	14 02		4052965R	2								
	14 04		4052973R	3								
	14 06		4052981R	4								
	14 08		4052999R	5								
	14 00											
CP(S)-			4073292R									
84/07/10	14 08											
	14 30		1473	A	44		2.41					
	14 31		1477	AD	44		2.26					
	14 32		1474	B								
	14 34		1475	C								
	14 36		1476	D								

STORET RETRIEVAL DATE 85/04/12

476576
35 53 25.0 084 30 12.0 2
WATTS BAR RESERVOIR
47145 TENNESSEE ROANE
TENNESSEE RIVER BASIN 040101
CLINCH RIVER 3.7
132TVAC 840720
0000 FEET DEPTH CSN-RSP 0738623-0695438

/TYPA/APBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	80184 TOT SED PARTSIZE %<.016MM	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	00557 OIL-GRSE MUD FRGR MG/KG	00721 CYANIDE SEDMG/KG DRY WGT	01003 ARSENIC SEDMG/KG DRY WGT	01028 CD MUD DRY WGT MG/KG-CD	01029 CHROMIUM SEDMG/KG DRY WGT
84/07/10	13 30		71.7	93.2					0.8U	11.0	0.8	25
	14 30			43.1		99.40	99.8					
	14 31			41.5		88.40	99.8					
	14 32			65.6		91.10	98.3					
	14 34			86.7		92.90	100.0					
	14 36			37.1		92.80	99.8					

DATE FROM TO	TIME OF DAY	DEPTH FEET	01078 SILVER SEDMG/KG DRY WGT	01153 ZR MUD DRY WGT MG/KG-ZR	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG	80329 MERCURY LT6.35MM SEDMG/KG	01052 LEAD SEDMG/KG DRY WGT	01068 NICKEL SEDMG/KG DRY WGT
84/07/10	13 30		1.00U	400.00						35	38
	14 30				3.80A		3.6A				
	14 31				4.70A		4.0A				
	14 32				7.00		5.5				
	14 34				17.00		11.0				
	14 36				12.00		12.0				

STORET RETRIEVAL DATE 85/04/12

476576
35 53 25.0 084 30 12.0 2
WATTS BAR RESERVOIR
47145 TENNESSEE ROANE
TENNESSEE RIVER BASIN 040101
CLINCH RIVER 3.7
132TVAC 840720
0000 FEET DEPTH CSN-RSP 0738623-0695438

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	01507 ALPHA SEDIMENT PC/G	01508 ALPHA SED-ERR PC/G	03507 BETA SEDIMENT PC/G	03508 BETA SED-ERR PC/G	09507 RA-226 SEDIMENT PC/G	09508 RA-226 SED-ERR PC/G
84/07/10	13 30		1518	F8	0.1	3.9	11.0	3.0	70	10		
	14 00		4052957R	1	0.1	5.9	12.0	4.0	69	14		
	14 02		4052965R	2	6.0	11.8	11.0	3.0	70	14		
	14 04		4052973R	3	11.9	17.7	9.0	3.0	81	16		
	14 06		4052981R	4	17.8	23.6	14.0	4.0	103	20		
	14 08		4052999R	5	23.7	30.3	13.0	4.0	111	22		
	14 00											
CP(S)-			4073292R									
84/07/10	14 08											
	14 30		1473	A	0.1	7.9						
	14 31		1477	AD	0.1S	7.9S						
	14 32		1474	B	8.0	15.7						
	14 34		1475	C	15.8	23.6						
	14 36		1476	D	23.7	30.7						

DATE FROM TO	TIME OF DAY	DEPTH FEET	11506 RA-224 SEDIMENT PCI/G	11507 RA-224 SED-ERR PCI/G	11508 RA-223 SEDIMENT PCI/G	11509 RA-223 SEDIMENT ERROR	15505 SR-89 SEDIMENT PCI/G	15506 SR-89 SED-ERR PCI/G	15507 SR-90 SEDIMENT PCI/G	15508 SR-90 SED-ERR PCI/G	17509 PB-212 SEDIMENT PCI/G	17510 PB-212 SED-ERR PCI/G
84/07/10	13 30						0.3	0.3	0.1	0.1	1.50	0.20
	14 00											
CP(S)-							1.0	1.0	0.1	0.1	1.50	0.20
84/07/10	14 08											

DATE FROM TO	TIME OF DAY	DEPTH FEET	17511 PB-214 SEDIMENT PCI/G	17512 PB-214 SED-ERR PCI/G	21503 PA-233 SEDIMENT PCI/G	21504 PA-233 SED-ERR PCI/G	21505 MPA-234 SEDIMENT PCI/G	21506 MPA-234 SED-ERR PCI/G	21508 PA-234 SEDIMENT PCI/G	21509 PA-234 SEDIMENT ERROR	22015 PU-238 SEDIMENT PCI/G	22017 PU-238 SEDIMENT ERRO
84/07/10	13 30		1.50	0.20							0.0040	0.0010
	14 00										0.0130	0.0050
	14 00											
CP(S)-			1.50	0.10								
84/07/10	14 08											

STORET RETRIEVAL DATE 85/05/21

476576
35 53 25.0 084 33 12.0 2
WATTS BAR RESERVOIR
47145 TENNESSEE ROANE
TENNESSEE RIVER BASIN 040101
CLINCH RIVER 3.7
132TVAC 840720
1000 FEET DEPTH CSN-RSP 0738623-0695438

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	22019 PU-239 SEDIMENT PCI/G	22019 PU-239 SEDIMENT ERRO	22300 BE-7 SEDIMENT PCI/G	22301 BE-7 SED-ERR PCI/G	22250 NA-22 SEDIMENT PCI/G	22251 NA-22 SED-ERR PCI/G	22300 K-40 SEDIMENT PCI/G	22301 K-40 SED-ERR PCI/G	22350 TL-208 SEDIMENT PCI/G	22351 TL-208 SED-ERR PCI/G
84/07/10	13 30		0.079	0.010	2.00	0.60			20.0	2.0	0.55	0.08
	14 00		0.090	0.020								
	14 00											
CP(S)- 84/07/10	14 08								20.0	2.0	0.47	0.05

DATE FROM TO	TIME OF DAY	DEPTH FEET	22375 BI-212 SEDIMENT PCI/G	22376 BI-212 SED-ERR PCI/G	22377 BI-214 SEDIMENT PCI/G	22378 BI-214 SED-ERR PCI/G	22450 AM-241 SEDIMENT PCI/G	22451 AM-241 SEDIMENT ERRO	22475 CU-244 SEDMENT PCI/G	22476 CU-244 SEDIMENT ERRO	22507 TH-234 SEDIMENT PCI/G	22508 TH-234 SED-ERR PCI/G
84/07/10	13 30		1.8	0.6	1.30	0.20	0.090	0.020			3.0	1.0
	14 00						0.260	0.050	0.0400	0.0100		
	14 00											
CP(S)- 84/07/10	14 08				1.40	0.10	0.500	0.100			3.5	0.7

DATE FROM TO	TIME OF DAY	DEPTH FEET	22608 URANIUM SEDIMENT UG/G	22609 URANIUM SED-ERR UG/G	22612 U-235 SEDIMENT PCI/G	22613 U-235 SED-ERR PCI/G	22503 THORIUM/ URANIUM RATIO	22504 TH-ALPHA TOT WAT PC/L	27999 RU-106 SEDIMENT PCI/	28000 RU-106 SEDIMENT ERROR	28416 CS-134 SEDIMENT PCI/G	28417 CS-134 SED-ERR PCI/G
84/07/10	13 30		7.00	2.00								
	14 00											
CP(S)- 84/07/10	14 08		5.10	0.40								

DATE FROM TO	TIME OF DAY	DEPTH FEET	28418 CS-137 SEDIMENT PCI/G	28419 CS-137 SED-ERR PCI/G	29604 CO-60 SEDIMENT PCI/G	29605 CO-60 SED-ERR PCI/G	29650 EU-152 SEDIMENT PCI/G	29651 EU-152 SEDIMENT ERRO	29652 EU-154 SEDIMENT PCI/G	29653 EU-154 SEDIMENT ERRO	25503 AC-228 SEDIMENT PCI/G	25504 AC-228 SED-ERR PCI/G
84/07/10	13 30		19.0	1.0	1.900	0.200					1.4	0.3
	14 00											
CP(S)- 84/07/10	14 08		42.0	3.0	1.600	0.100					1.5	0.2

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STORET RETRIEVAL DATE 85/04/12
 476576
35 53 25.0 084 30 12.0  2
WATTS BAR RESERVOIR
47145 TENNESSEE          ROANE
TENNESSEE RIVER BASIN    040101
CLINCH RIVER 3.7
132TVAC
        840720     DEPTH    0 DATA LOCKED AFTER 8405
/TYPA/AMBNT/STREAM
INDEX 1021500  007720  00920  7930
MILES 0953.80 0046.50 567.70 003.70
     INITIAL DATE                          84/07/10
     INITIAL TIME-DEPTH-BOTTOM             1330
34223 ANTHRACE  SEDUG/KG   DRY WGT        1800 L
34233 BENZBFLU  ORANTMUD  DRYUG/KG        1800 U
34245 BENZKFLU  SEDUG/KG   DRY WGT        1800 L
34250 BENZAPYR  SEDUG/KG   DRY WGT        1800 L
34276 B2CETETR  SEDUG/KG   DRY WGT        1800 L
34281 B2CETOXM  SEDUG/KG   DRY WGT        1800 L
34286 B2CIPETR  SEDUG/KG   DRY WGT        1800 L
34295 NBE PHTH  MUD-DRY     UG/KG         1800 L
34323 CHRYSENE  SEDUG/KG   DRY WGT        1800 L
34339 DETHPHTH  SEDUG/KG   DRY WGT        1800 L
34344 DMETPHTH  SEDUG/KG   DRY WGT        1800 L
34349 12DPHNHY  SEDUG/KG   DRY WGT        1800 L
34379 FLANTENE  SEDUG/KG   DRY WGT        1800 L
34384 FLUORENE  SEDUG/KG   DRY WGT        1800 L
34389 HEXCLCPD  SEDUG/KG   DRY WGT        1800 U
34399 HEXACLET  SEDUG/KG   DRY WGT        1800 L
34406 I123CDPR  SEDUG/KG   DRY WGT        1800 L
34411 ISPHRONE  SEDUG/KG   DRY WGT        1800 L
34431 NITCNPRA  SEDUG/KG   DRY WGT        1800 L
34436 NITRSDPA  SEDUG/KG   DRY WGT        1800 U
34441 NITRSDMA  SEDUG/KG   DRY WGT        1800 L
34445 NAPTHALE  SEDUG/KG   DRY WGT        1800 L
34450 NITROBEN  SEDUG/KG   DRY WGT        1800 U
34464 PHENANTH  SEDUG/KG   DRY WGT        1800 L
34472 PYRENE    SEDUG/KG   DRY WGT        1800 L
34524 BZGHIPER  SEDUG/KG   DRY WGT        1800 L
34529 BENZAANT  SEDUG/KG   DRY WGT        1800 L
34539 12DCLBEN  SEDUG/KG   DRY WGT        1800 L
34554 124TCBEN  SEDUG/KG   DRY WGT        1800 L
34559 CPAHANTH  SEDUG/KG   DRY WGT        1800 L
34569 13DCLBEN  SEDUG/KG   DRY WGT        1800 L
34574 14DCLBEN  SEDUG/KG   DRY WGT        1800 L
34584 2CLNAPTH  SEDUG/KG   DRY WGT        1800 L
34599 DINOCTPH  SEDUG/KG   DRY WGT        1800 L
34614 24DNTOLU  SEDUG/KG   DRY WGT        1800 L
34629 26DNTOLU  SEDUG/KG   DRY WGT        1800 L
34634 33DCBNZD  SEDUG/KG   DRY WGT        4000 L
34639 4BRPPETR  SEDUG/KG   DRY WGT        1800 L
34644 4CLPPETR  SEDUG/KG   DRY WGT        1800 L
39102 B2E PHTH  MUD-DRY     UG/KG         1800 L
39112 DNB PHTH  MUD-DRY     UG/KG         1800 L
39121 BENZIDIN  SEDUG/KG   DRY WGT        9000 M
39491 PCB-1221  SEDUG/KG   DRY WGT         100 L
39495 PCB-1232  SEDUG/KG   DRY WGT         100 L
39499 PCB-1242  SEDUG/KG   DRY WGT         100 L
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(SAMPLE CONTINUED ON NEXT PAGE)

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STORET RETRIEVAL DATE 85/04/12
 476576
35 53 25.0 084 30 12.0  2
WATTS BAR RESERVOIR
47145 TENNESSEE          RCANE
TENNESSEE RIVER BASIN     040101
CLINCH RIVER 3.7
132TVAC
        840720     DEPTH     0 DATA LOCKED AFTER 8405
/TYPA/AMENT/STREAM
INDEX 102150C  007720  00920  7930
MILES 0953.80 C046.50 567.70 003.70    .     .     .     .     .     .     .     .
(SAMPLE CONTINUED FROM PREVIOUS PAGE)
     INITIAL DATE                        84/07/10
     INITIAL TIME-DEPTH-BOTTOM           1330
39503 PCB-1248  SEDUG/KG   DRY WGT        100 L
39507 PCB-1254  SEDUG/KG   DRY WGT        100 L
39511 PCB-1260  SEDUG/KG   DRY WGT        100 L
39514 PCB-1016  SEDUG/KG   DRY WGT        100 L
39701 HCB       SEDUG/KG   DRY WGT       1800 L
39705 HEXCLBD   SEDUG/KG   DRY WGT       1800 L
```

STORET RETRIEVAL DATE 85/04/12

476519
35 55 16.0 084 26 05.0 2
WATTS BAR RESERVOIR
47145 TENNESSEE ROANE
TENNESSEE RIVER BASIN 040101
CLINCH RIVER 10.0
132TVAC 840601
0000 FEET DEPTH CSN-RSP 0735379-0695346

/TYPA/ARBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	70320 MOISTURE CONTENT PERCENT	70322 RESIDUE TOT VOL PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	81356 CATION EX. CAP. MEA/100G	71921 MERCURY SEDMG/KG DRY WGT	81756 TOT SED PARTSIZ% <.0005MM	80181 TOT SED PARTSIZE %<.002MM	80183 TOT SED PARTSIZE %<.008MM
84/05/31	12 00	0001		OK9								
84/07/12	09 20		1517	F7	26	2.3	2.52	3.4	0.3	4.4	8.5	12.6
	09 54		1507	A	27		2.54					
	09 56		1508	B								
	09 57		1509	C								
	09 58		1510	D								
	10 05		4054615R	1								
	10 07		4054623R	2								
	10 05											
CP(S)-			4073375R									
84/07/12	10 07											

STORET RETRIEVAL DATE 85/04/12

476519
35 55 16.0 084 25 05.0 2
WATTS BAR RESERVOIR
47145 TENNESSEE ROANE
TENNESSEE RIVER BASIN 040101
CLINCH RIVER 10.0
132TVAC 840501
0000 FEET DEPTH CSN-RSP 0735379-0695346

/TYPA/AMENT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	80184 TOT SED PARTSIZE %<.016MM	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	00557 OIL-GRSE MUD FRGR MG/KG	00721 CYANIDE SEDMG/KG DRY WGT	01003 ARSENIC SEDMG/KG DRY WGT	01028 CD MUD DRY WGT MG/KG-CD	01029 CHROMIUM SEDMG/KG DRY WGT
84/07/12	09 20		14.3	17.7					0.7U	5.1	1.3	9
	09 54			11.5		99.40	100.0					
	09 56			77.2		99.00	100.0					
	09 57			95.8		99.20	100.0					
	09 58			94.3		97.50	100.0					

DATE FROM TO	TIME OF DAY	DEPTH FEET	01078 SILVER SEDMG/KG DRY WGT	01163 ZR MUD DRY WGT MG/KG-ZR	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG	80329 MERCURY LT6.35MM SEDMG/KG	01052 LEAD SEDMG/KG DRY WGT	01068 NICKEL SEDMG/KG DRY WGT
84/07/12	09 20		1.00U	610.00						14	14
	09 54				2.80A		0.7A				
	09 56				0.92		0.8				
	09 57				1.10		0.8				
	09 58				0.31		0.2				

STORET RETRIEVAL DATE 85/04/12

476519
35 55 16.0 084 26 05.0 2
WATTS BAR RESERVOIR
47145 TENNESSEE ROANE
TENNESSEE RIVER BASIN 04C101
CLINCH RIVER 10.0
132TVAC 840601
0000 FEET DEPTH CSN-RSP 0735379-0695346

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	01507 ALPHA SEDIMENT PC/G	01508 ALPHA SED-ERR PC/G	03507 BETA SEDIMENT PC/G	03508 BETA SED-ERR PC/G	09507 RA-226 SEDIMENT PC/G	09508 RA-226 SED-ERR PC/G
84/05/31	12 00	0001		OK9								
84/07/12	09 20		1517	F7			0.7	0.4	16	3	0.47	0.06
	09 54		1507	A	0.1	3.9						
	09 56		1508	B	4.0	7.9						
	09 57		1509	C	8.0	11.8						
	09 58		1510	D	11.9	16.5						
	10 05		4054615R	1	0.1	5.9	6.0	2.0	37	8		
	10 07		4054623R	2	6.0	11.8	10.0	3.0	56	11		
	10 05											
CP(S)- 84/07/12	10 07		4073375R									

DATE FROM TO	TIME OF DAY	DEPTH FEET	11506 RA-224 SEDIMENT PCI/G	11507 RA-224 SED-ERR PCI/G	11508 RA-223 SEDIMENT PCI/G	11509 RA-223 SEDIMENT ERROR	15505 SR-89 SEDIMENT PCI/G	15506 SR-89 SED-ERR PCI/G	15507 SR-90 SEDIMENT PCI/G	15508 SR-90 SED-ERR PCI/G	17509 PB-212 SEDIMENT PCI/G	17510 PB-212 SED-ERR PCI/G
84/07/12	09 20		0.40	0.10			0.2	0.3	0.0	0.1	0.46	0.05
	10 05											
CP(S)- 84/07/12	10 07						2.0	1.0	0.1M	0.1	1.10	0.20

DATE FROM TO	TIME OF DAY	DEPTH FEET	17511 PB-214 SEDIMENT PCI/G	17512 PB-214 SED-ERR PCI/G	21503 PA-233 SEDIMENT PCI/G	21504 PA-233 SED-ERR PCI/G	21505 MPA-234 SEDIMENT PCI/G	21506 MPA-234 SED-ERR PCI/G	21508 PA-234 SEDIMENT PCI/G	21509 PA-234 SEDIMENT ERROR	22015 PU-238 SEDIMENT PCI/G	22017 PU-238 SEDIMENT ERRO
84/07/12	09 20		0.53	0.05							0.0040	0.0010
	10 05											
CP(S)- 84/07/12	10 07		1.30	0.20								

STORET RETRIEVAL DATE 85/05/01

476519
35 55 15.0 084 25 05.0 2
WATTS BAR RESERVOIR
47146 TENNESSEE ROANE
TENNESSEE RIVER BASIN 040101
CLINCH RIVER 10.0
132TVAC 840601
0002 FEET DEPTH CSN-RSP 0735379-0695346

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	22019 PU-239 SEDIMENT PCI/G	22019 PU-239 SEDIMENT ERRO	22200 BE-7 SEDIMENT PCI/G	22201 BE-7 SED-ERR PCI/G	22250 NA-22 SEDIMENT PCI/G	22251 NA-22 SED-ERR PCI/G	22300 K-40 SEDIMENT PCI/G	22301 K-40 SED-ERR PCI/G	22350 TL-208 SEDIMENT PCI/G	22351 TL-208 SED-ERR PCI/G
84/07/12	09 20		0.031	0.005	0.14	0.08	0.012	0.004	5.9	0.6	0.16	0.02
	10 05		0.012	0.004								
	10 05											
CP(S)- 84/07/12	10 07								17.0	3.0	0.30	0.10

DATE FROM TO	TIME OF DAY	DEPTH FEET	22375 BI-212 SEDIMENT PCI/G	22376 BI-212 SED-ERR PCI/G	22377 BI-214 SEDIMENT PCI/G	22378 BI-214 SED-ERR PCI/G	22450 AM-241 SEDIMENT PCI/G	22451 AM-241 SEDIMENT ERRO	22475 CU-244 SEDMENT ERRO	22476 CU-244 SEDIMENT ERRO	22507 TH-234 SEDIMENT PCI/G	22508 TH-234 SED-ERR PCI/G
84/07/12	09 20		0.5	0.1	0.47	0.06	0.030	0.010	0.0210	0.0080	1.2	0.3
	10 05						0.016	0.007	0.0210	0.0080		
	10 05											
CP(S)- 84/07/12	10 07				1.20	0.20					4.0	1.0

DATE FROM TO	TIME OF DAY	DEPTH FEET	22608 URANIUM SEDIMENT UG/G	22609 URANIUM SED-ERR UG/G	22612 U-235 SEDIMENT PCI/G	22613 U-235 SED-ERR PCI/G	22503 THORIUM/ URANIUM RATIO	22504 TH-ALPHA TOT WAT PC/L	27999 RU-106 SEDIMENT PCI/	28000 RU-106 SEDIMENT ERROR	28416 CS-134 SEDIMENT PCI/G	28417 CS-134 SED-ERR PCI/G
84/07/12	09 20		1.30	0.30								
	10 05											
CP(S)- 84/07/12	10 07		2.20	0.40								

DATE FROM TO	TIME OF DAY	DEPTH FEET	28418 CS-137 SEDIMENT PCI/G	28419 CS-137 SED-ERR PCI/G	29604 CO-60 SEDIMENT PCI/G	29605 CO-60 SED-ERR PCI/G	29650 EU-152 SEDIMENT PCI/G	29651 EU-152 SEDIMENT ERRO	29652 EU-154 SEDIMENT PCI/G	29653 EU-154 SEDIMENT ERRO	25503 AC-228 SEDIMENT PCI/G	25504 AC-228 SED-ERR PCI/G
84/07/12	09 20		5.6	0.4	0.630	0.070					0.5	0.1
	10 05											
CP(S)- 84/07/12	10 07		4.6	0.5	0.300	0.100					1.1	0.4

```
STORET RETRIEVAL DATE 85/04/12
 476519
35 55 16.0 084 26 05.0  2
WATTS BAR RESERVOIR
47145 TENNESSEE          ROANE
TENNESSEE RIVER BASIN     040101
CLINCH RIVER 10.0
132TVAC
        840601     DEPTH     0 DATA LOCKED AFTER 8405
/TYPA/AGENT/STREAM
INDEX 1021500  007720  00920  7930
MILES 0953.80 0046.50 567.70 010.00     .     .     .     .     .     .     .     .
     INITIAL DATE                          84/07/12
     INITIAL TIME-DEPTH-BOTTOM             0920
34223 ANTHRACE   SEDUG/KG    DRY WGT       1200 L
34233 BENZBFLU   ORANTMUD   DRYUG/KG       1200 L
34245 BENZKFLU   SEDUG/KG    DRY WGT       1200 L
34250 BENZAPYR   SEDUG/KG    DRY WGT       1200 L
34276 B2CETETR   SEDUG/KG    DRY WGT       1200 L
34281 B2CETOXM   SEDUG/KG    DRY WGT       1200 L
34286 B2CIPETR   SEDUG/KG    DRY WGT       1200 L
34295 NBB PHTH   MUD-DRY      UG/KG        1200 L
34323 CHRYSENE   SEDUG/KG    DRY WGT       1200 L
34339 DETHPHTH   SEDUG/KG    DRY WGT       1200 L
34344 DMETPHTH   SEDUG/KG    DRY WGT       1200 L
34349 12DPHNHY   SEDUG/KG    DRY WGT       1200 L
34379 FLANTENE   SEDUG/KG    DRY WGT       1200 L
34384 FLUORENE   SEDUG/KG    DRY WGT       1200 L
34389 HEXCLCPD   SEDUG/KG    DRY WGT       1200 L
34399 HEXACLET   SEDUG/KG    DRY WGT       1200 L
34406 I123CDPR   SEDUG/KG    DRY WGT       1200 L
34411 ISPHRONE   SEDUG/KG    DRY WGT       1200 L
34431 NITCNPRA   SEDUG/KG    DRY WGT       1200 L
34436 NITRSDPA   SEDUG/KG    DRY WGT       1200 L
34441 NITRSDMA   SEDUG/KG    DRY WGT       1200 L
34445 NAPTHALE   SEDUG/KG    DRY WGT       1200 L
34450 NITROBEN   SEDUG/KG    DRY WGT       1200 L
34464 PHENANTH   SEDUG/KG    DRY WGT       1200 L
34472 PYRENE     SEDUG/KG    DRY WGT       1200 L
34524 BZGHIPER   SEDUG/KG    DRY WGT       1200 L
34529 BENZAANT   SEDUG/KG    DRY WGT       1200 L
34539 12DCLBEN   SEDUG/KG    DRY WGT       1200 L
34554 124TCBEN   SEDUG/KG    DRY WGT       1200 L
34559 CBAHANTH   SEDUG/KG    DRY WGT       1200 L
34569 13DCLBEN   SEDUG/KG    DRY WGT       1200 L
34574 14DCLBEN   SEDUG/KG    DRY WGT       1200 L
34584 2CLNAPTH   SEDUG/KG    DRY WGT       1200 L
34599 DINCCTPH   SEDUG/KG    DRY WGT       1200 L
34614 24DNTOLU   SEDUG/KG    DRY WGT       1200 L
34629 26DNTOLU   SEDUG/KG    DRY WGT       1200 L
34634 33DCBNZD   SEDUG/KG    DRY WGT       3000 L
34639 4BRPPETR   SEDUG/KG    DRY WGT       1200 L
34644 4CLPPETR   SEDUG/KG    DRY WGT       1200 L
39102 BZE PHTH   MUD-DRY      UG/KG        1200 L
39112 DNB PHTH   MUD-DRY      UG/KG        1200 L
39121 BENZIDIN   SEDUG/KG    DRY WGT       6000 M
39491 PCB-1221   SEDUG/KG    DRY WGT        100 L
39495 PCB-1232   SEDUG/KG    DRY WGT        100 L
39499 PCB-1242   SEDUG/KG    DRY WGT        100 L
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(SAMPLE CONTINUED ON NEXT PAGE)

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STORET RETRIEVAL DATE 85/04/12
 476519
35 55 16.0 084 26 05.0  2
WATTS BAR RESERVOIR
47145 TENNESSEE          ROANE
TENNESSEE RIVER BASIN    040101
CLINCH RIVER 10.0
132TVAC
        840601     DEPTH     0 DATA LOCKED AFTER 8405
/TYPA/AMENT/STREAM
INDEX 102150C  007720  00920  7930
MILES 0953.80 0046.50 567.70 010.00    .     .     .     .     .     .     .     .
(SAMPLE CONTINUED FROM PREVIOUS PAGE)
     INITIAL DATE                          84/07/12
     INITIAL TIME-DEPTH-BOTTOM             0920
39503 PCB-1248   SEDUG/KG   DRY WGT        100 U
39507 PCB-1254   SEDUG/KG   DRY WGT        100 U
39511 PCB-1260   SEDUG/KG   DRY WGT        100 U
39514 PCB-1016   SEDUG/KG   DRY WGT        100 U
39701 HCB        SEDUG/KG   DRY WGT       1200 U
39705 HEXCLBD    SEDUG/KG   DRY WGT       1200 U
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STORET RETRIEVAL DATE 85/04/12

476577
35 53 32.0 084 23 25.0 2
WATTS BAR RESERVOIR
47145 TENNESSEE ROANE
TENNESSEE RIVER BASIN 040101
CLINCH RIVER 15.6
132TVAC 840720
0000 FEET DEPTH CSN-RSP 0738624-0695440

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	70320 MOISTURE CONTENT PERCENT	70322 RESIDUE TOT VOL PERCENT	71821 SPECIFIC GRAVITY SEDGM/CM	81356 CATION EX. CAP. MEQ/100G	71921 MERCURY SEDMG/KG DRY WGT	81756 TOT SED PARTSIZ% <.0005MM	80181 TOT SED PARTSIZE %<.002MM	80183 TOT SED PARTSIZE %<.008MM
84/07/12	14 25		1516	F6	25	12.0	2.28	4.3	0.1U	4.6	9.3	15.6
	14 27		4054581R	F6X								
	14 29		1511	A	30		2.49					
	14 30		1515	AD	29		2.52					
	14 31		1512	B								
	14 32		1513	C								
	14 33		1514	D								
	14 40		4054599R	1								
	14 42		4054607R	2								
	14 40											
CP(S)-			4073367R									
84/07/12	14 42											

STORET RETRIEVAL DATE 85/04/12

476577
35 53 32.0 084 23 25.0 2
WATTS BAR RESERVOIR
47145 TENNESSEE ROANE
TENNESSEE RIVER BASIN 040101
CLINCH RIVER 15.6
132TVAC 840720
0000 FEET DEPTH CSN-RSP 0739624-0695440

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	80184 TOT SED PARTSIZE %<.016MM	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	00557 OIL-GRSE MUD FRGR MG/KG	00721 CYANIDE SEDMG/KG DRY WGT	01003 ARSENIC SEDMG/KG DRY WGT	01028 CD MUD DRY WGT MG/KG-CD	01029 CHROMIUM SEDMG/KG DRY WGT
84/07/12	14	25	18.4	21.7					0.7U	7.1	0.7	14
	14	29		29.0		94.20	100.0					
	14	30		19.5		95.40	99.6					
	14	31		50.7		93.30	100.0					
	14	32		20.4		92.80	99.8					
	14	33		39.5		87.90	100.0					

DATE FROM TO	TIME OF DAY	DEPTH FEET	01078 SILVER SEDMG/KG DRY WGT	01163 ZR MUD DRY WGT MG/KG-ZR	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG	80329 MERCURY LT6.35MM SEDMG/KG	01052 LEAD SEDMG/KG DRY WGT	01068 NICKEL SEDMG/KG DRY WGT
84/07/12	14	25	1.00U	890.00						34	14
	14	29			0.30A		0.1U				
	14	30			0.45A		0.1A				
	14	31			1.60		0.5				
	14	32			0.31		0.1U				
	14	33			0.26		0.2				

STORET RETRIEVAL DATE 85/04/12

476577
35 53 32.0 084 23 25.0 2
WATTS BAR RESERVOIR
47145 TENNESSEE ROANE
TENNESSEE RIVER BASIN 040101
CLINCH RIVER 15.6
132TVAC 840720
0000 FEET DEPTH CSN-RSP 0738624-0695440

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	01507 ALPHA SEDIMENT PC/G	01508 ALPHA SED-ERR PC/G	03507 BETA SEDIMENT PC/G	03508 BETA SED-ERR PC/G	09507 RA-226 SEDIMENT PC/G	09508 RA-226 SED-ERR PC/G
84/07/12	14 25		1516	F6			4.0	2.0	22	5	0.60	0.05
	14 27		4054581R	F6X			3.0	2.0	12	3	0.42	0.05
	14 29		1511	A	0.1	2.8						
	14 30		1515	AD	0.1S	2.8S						
	14 31		1512	B	2.9	5.5						
	14 32		1513	C	5.6	8.3						
	14 33		1514	D	8.4	11.8						
	14 40		4054599R	1	0.1	5.9	6.0	2.0	31	6		
	14 42		4054607R	2	6.0	11.8	12.0	4.0	48	10		
	14 40											
CP(S)- 84/07/12	14 42		4073367R									

DATE FROM TO	TIME OF DAY	DEPTH FEET	11506 RA-224 SEDIMENT PCI/G	11507 RA-224 SED-ERR PCI/G	11508 RA-223 SEDIMENT PCI/G	11509 RA-223 SEDIMENT ERROR	15505 SR-89 SEDIMENT PCI/G	15506 SR-89 SED-ERR PCI/G	15507 SR-90 SEDIMENT PCI/G	15508 SR-90 SED-ERR PCI/G	17509 PB-212 SEDIMENT PCI/G	17510 PB-212 SED-ERR PCI/G
84/07/12	14 25		0.60	0.10			0.4	0.3	0.0	0.1	0.54	0.05
	14 27						0.3	0.3	0.1	0.1	0.39	0.05
	14 40											
CP(S)- 84/07/12	14 42						0.1	0.9	0.1	0.1	0.80	0.20

DATE FROM TO	TIME OF DAY	DEPTH FEET	17511 PB-214 SEDIMENT PCI/G	17512 PB-214 SED-ERR PCI/G	21503 PA-233 SEDIMENT PCI/G	21504 PA-233 SED-ERR PCI/G	21505 MPA-234 SEDIMENT PCI/G	21506 MPA-234 SED-ERR PCI/G	21508 PA-234 SEDIMENT PCI/G	21509 PA-234 SEDIMENT ERROR	22015 PU-238 SEDIMENT PCI/G	22017 PU-238 SEDIMENT ERRO
84/07/12	14 25		0.67	0.06			1.3	0.6				
	14 27		0.47	0.04								
	14 40											
CP(S)- 84/07/12	14 42		1.90	0.20								

STORET RETRIEVAL DATE 85/05/11

474577
35 53 32.0 084 23 25.0 2
WATTS BAR RESERVOIR
47145 TENNESSEE ROANE
TENNESSEE RIVER BASIN 040101
CLINCH RIVER 15.6
132TVAC 840720
0000 FEET DEPTH CSN-RSP 0738624-0695440

/TYPA/AMONT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	22019 PU-239 SEDIMENT PCI/G	22019 PU-239 SEDIMENT ERRO	22300 BE-7 SEDIMENT PCI/G	22301 BE-7 SED-ERR PCI/G	22350 NA-22 SEDIMENT PCI/G	22351 NA-22 SED-ERR PCI/G	22300 K-40 SEDIMENT PCI/G	22301 K-40 SED-ERR PCI/G	22350 TL-208 SEDIMENT PCI/G	22351 TL-208 SED-ERR PCI/G
84/07/12	14 25								8.4	0.8	0.18	0.02
	14 27								3.3	0.4	0.13	0.02
	14 40											
CP(S)-									14.0	3.0	0.20	0.10
84/07/12	14 42											

DATE FROM TO	TIME OF DAY	DEPTH FEET	22375 BI-212 SEDIMENT PCI/G	22376 BI-212 SED-ERR PCI/G	22377 BI-214 SEDIMENT PCI/G	22378 BI-214 SED-ERR PCI/G	22450 AM-241 SEDIMENT PCI/G	22451 AM-241 SEDIMENT ERRO	22475 CU-244 SEDMENT PCI/G	22476 CU-244 SEDIMENT ERRO	22507 TH-234 SEDIMENT PCI/G	22508 TH-234 SED-ERR PCI/G
84/07/12	14 25		0.7	0.1	0.60	0.05					1.1	0.3
	14 27		0.4	0.1	0.42	0.05						
	14 40											
CP(S)-			2.4	0.6	1.10	0.20					4.0	1.0
84/07/12	14 42											

DATE FROM TO	TIME OF DAY	DEPTH FEET	22608 URANIUM SEDIMENT UG/G	22609 URANIUM SED-ERR UG/G	22612 U-235 SEDIMENT PCI/G	22613 U-235 SED-ERR PCI/G	22503 THORIUM/ URANIUM RATIO	22504 TH-ALPHA TOT WAT PC/L	27999 RU-106 SEDIMENT PCI/	28000 RU-106 SEDIMENT ERROR	28416 CS-134 SEDIMENT PCI/G	28417 CS-134 SED-ERR PCI/G
84/07/12	14 25		1.70	0.30								
	14 27		0.80	0.30								
	14 40											
CP(S)-			1.90	0.20								
84/07/12	14 42											

STORET RETRIEVAL DATE 85/03/21

476577
35 53 32.0 084 23 25.0 2
WATTS BAR RESERVOIR
47145 TENNESSEE ROANE
TENNESSEE RIVER BASIN 040101
CLINCH RIVER 15.5
132TVAC 840720
0000 FEET DEPTH CSN-RSP 0738624-0695440

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	28418 CS-137 SEDIMENT PCI/G	28419 CS-137 SED-ERR PCI/G	29604 CO-60 SEDIMENT PCI/G	29605 CO-60 SED-ERR PCI/G	29650 EU-152 SEDIMENT PCI/G	29651 EU-152 SEDIMENT ERRO	29652 EU-154 SEDIMENT PCI/G	29653 EU-154 SEDIMENT ERRO	25503 AC-228 SEDIMENT PCI/G	25504 AC-228 SED-ERR PCI/G
84/07/12	14 25		0.5	0.1	0.090	0.010					0.6	0.1
	14 27		1.1	0.1	0.370	0.030					0.5	0.1
	14 40											
CP(S)-											1.0	0.3
84/07/12	14 42											

DATE FROM TO	TIME OF DAY	DEPTH FEET	28418 CS-137 SEDIMENT PCI/G	28419 CS-137 SED-ERR PCI/G	29604 CO-60 SEDIMENT PCI/G	29605 CO-60 SED-ERR PCI/G	29650 EU-152 SEDIMENT PCI/G	29651 EU-152 SEDIMENT ERRO	29652 EU-154 SEDIMENT PCI/G	29653 EU-154 SEDIMENT ERRO
84/07/12	14 25				0.090	0.010				
	14 27				0.370	0.030				

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STORET RETRIEVAL DATE 85/04/12
 476577
35 53 32.0 084 23 25.0  2
WATTS BAR RESERVOIR
47145 TENNESSEE          ROANE
TENNESSEE RIVER BASIN    040101
CLINCH RIVER 15.6
132TVAC
        840720      DEPTH     0 DATA LOCKED AFTER 8405
/TYPA/AREAT/STREAM
INDEX 1021500  007720  00920  7930
MILES 0953.80 0046.50 567.70 015.60    .      .     .     .     .     .     .     .
     INITIAL DATE                          84/07/12
     INITIAL TIME-DEPTH-BOTTOM             1425
34223 ANTHRACE  SEDUG/KG   DRY WGT        1200 L
34233 BENZBFLU  ORANTMUD  DRYUG/KG        1200 L
34245 BENZKFLU  SEDUG/KG   DRY WGT        1200 L
34250 BENZAPYR  SEDUG/KG   DRY WGT        1200 L
34276 B2CETETR  SEDUG/KG   DRY WGT        1200 L
34281 B2CETOXM  SEDUG/KG   DRY WGT        1200 L
34286 B2CIPETR  SEDUG/KG   DRY WGT        1200 L
34295 NBB PHTH  MUD-DRY     UG/KG         1200 L
34323 CHRYSENE  SEDUG/KG   DRY WGT        1200 L
34339 DETHPHTH  SEDUG/KG   DRY WGT        1200 L
34344 DMETPHTH  SEDUG/KG   DRY WGT        1200 L
34349 12DPHNHY  SEDUG/KG   DRY WGT        1200 L
34379 FLANTENE  SEDUG/KG   DRY WGT        1200 L
34384 FLUORENE  SEDUG/KG   DRY WGT        1200 L
34389 HEXCLCPD  SEDUG/KG   DRY WGT        1200 L
34399 HEXACLET  SEDUG/KG   DRY WGT        1200 L
34406 I123CDPR  SEDUG/KG   DRY WGT        1200 L
34411 ISPHRONE  SEDUG/KG   DRY WGT        1200 L
34431 NITCNPRA  SEDUG/KG   DRY WGT        1200 L
34436 NITRSDPA  SEDUG/KG   DRY WGT        1200 L
34441 NITRSDMA  SEDUG/KG   DRY WGT        1200 L
34445 NAPTHALE  SEDUG/KG   DRY WGT        1200 L
34450 NITROBEN  SEDUG/KG   DRY WGT        1200 L
34464 PHENANTH  SEDUG/KG   DRY WGT        1200 L
34472 PYRENE    SEDUG/KG   DRY WGT        1200 L
34524 B2CHIPER  SEDUG/KG   DRY WGT        1200 L
34529 BENZAANT  SEDUG/KG   DRY WGT        1200 L
34539 12DCLBEN  SEDUG/KG   DRY WGT        1200 L
34554 124TCBEN  SEDUG/KG   DRY WGT        1200 L
34559 CBAPANTH  SEDUG/KG   DRY WGT        1200 L
34569 13DCLBEN  SEDUG/KG   DRY WGT        1200 L
34574 14DCLBEN  SEDUG/KG   DRY WGT        1200 L
34584 2CLNAPTH  SEDUG/KG   DRY WGT        1200 L
34599 DINOCTPH  SEDUG/KG   DRY WGT        1200 L
34614 24DNTOLU  SEDUG/KG   DRY WGT        1200 L
34629 26DNTOLU  SEDUG/KG   DRY WGT        1200 L
34634 33DCBNZD  SEDUG/KG   DRY WGT        3000 L
34639 4BRPPETR  SEDUG/KG   DRY WGT        1200 L
34644 4CLPPETR  SEDUG/KG   DRY WGT        1200 L
39102 B2E PHTH  MUD-DRY     UG/KG         1200 L
39112 DNB PHTH  MUD-DRY     UG/KG         1200 L
39121 BENZIDIN  SEDUG/KG   DRY WGT        6000 M
39491 PCB-1221  SEDUG/KG   DRY WGT         100 L
39495 PCB-1232  SEDUG/KG   DRY WGT         100 L
39499 PCB-1242  SEDUG/KG   DRY WGT         100 L
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(SAMPLE CONTINUED ON NEXT PAGE)

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STORET RETRIEVAL CATE 85/04/12
 476577
35 53 32.0 084 23 25.0  2
WATTS BAR RESERVOIR
47145 TENNESSEE          ROANE
TENNESSEE RIVER BASIN    040101
CLINCH RIVER 15.6
132TVAC
        840720     DEPTH     0 DATA LOCKED AFTER 8405
/TYPA/AMENT/STREAM
INDEX 1021500  007720  00920  7930
MILES 0953.80 0046.50 567.70 015.60    .     .     .     .     .     .     .     .
(SAMPLE CONTINUED FROM PREVIOUS PAGE)
     INITIAL DATE                          84/07/12
     INITIAL TIME-DEPTH-BOTTOM             1425
39503 PCB-1248  SEDUG/KG   DRY WGT        100 L
39507 PCB-1254  SEDUG/KG   DRY WGT        100 L
39511 PCB-1260  SEDUG/KG   DRY WGT        100 L
39514 PCB-1016  SEDUG/KG   DRY WGT        100 L
39701 HCB       SEDUG/KG   DRY WGT       1200 L
39705 HEXCLBD   SEDUG/KG   DRY WGT       1200 L
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STORET RETRIEVAL DATE 85/04/12

476581
35 53 55.0 084 22 19.0 2
WATTS BAR RESERVOIR - AT GRUBB ISLAND
47145 TENNESSEE ROANE
TENNESSEE RIVER BASIN 040101
CLINCH RIVER 18.3
132TVAC 840804
0000 FEET DEPTH CSN-RSP 0739322-0695444

/TYPA/APENT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER'	84068 SERIES CODE ALPHA	70320 MOISTURE CONTENT PERCENT	70322 RESIDUE TOT VOL PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	81356 CATION EX. CAP. MEA/100G	71921 MERCURY SEDMG/KG DRY WGT	81756 TOT SED PARTSIZ% <.0005MM	80181 TOT SED PARTSIZE %<.002MM	80183 TOT SED PARTSIZE %<.008MM
84/07/24	13 45		2103	F4	43	7.1	2.38	8.8	0.1	17.2	34.4	50.8
	13 46		4057477R	F4A								
	13 47		4057485R	F4B								

STORET RETRIEVAL DATE 85/04/12

476581
35 53 55.0 084 22 19.0 2
WATTS BAR RESERVOIR - AT GRUBB ISLAND
47145 TENNESSEE ROANE
TENNESSEE RIVER BASIN 040101
CLINCH RIVER 18.3
132TVAC 840804
0000 FEET DEPTH CSN-RSP 0739322-0695444.

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	80184 TOT SED PARTSIZE %<.016MM	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	00557 OIL-GRSE MUD FRGR MG/KG	00721 CYANIDE SEDMG/KG DRY WGT	01003 ARSENIC SEDMG/KG DRY WGT	01028 CD MUD DRY WGT MG/KG-CD	01029 CHROMIUM SEDMG/KG DRY WGT
84/07/24	13 45		61.4	81.9					0.9U	9.2	4.2	18

DATE FROM TO	TIME OF DAY	DEPTH FEET	01052 LEAD SEDMG/KG DRY WGT	01068 NICKEL SEDMG/KG DRY WGT	01078 SILVER SEDMG/KG DRY WGT	01163 ZR MUD DRY WGT MG/KG-ZR
84/07/24	13 45		38	17	1U	700

STORET RETRIEVAL DATE 85/04/12

476581
35 53 55.0 084 22 19.0 2
WATTS BAR RESERVOIR - AT GRUBB ISLAND
47145 TENNESSEE ROANE
TENNESSEE RIVER BASIN 040101
CLINCH RIVER 18.3
132TVAC 840804
0000 FEET DEPTH CSN-RSP 0739322-0695444

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	01507 ALPHA SEDIMENT PC/G	01508 ALPHA SED-ERR PC/G	03507 BETA SEDIMENT PC/G	03508 BETA SED-ERR PC/G	09507 RA-226 SEDIMENT PC/G	09508 RA-226 SED-ERR PC/G
84/07/24	13 45		2103	F4								
	13 46		4057477R	F4A	1.0	3.0	1.0	2.0	15	3	0.28	0.04
	13 47		4057485R	F4B	4.0	5.0	7.0	3.0	398	40	0.70	0.70

DATE FROM TO	TIME OF DAY	DEPTH FEET	11506 RA-224 SEDIMENT PCI/G	11507 RA-224 SED-ERR PCI/G	11508 RA-223 SEDIMENT PCI/G	11509 RA-223 SEDIMENT ERROR	15505 SR-89 SEDIMENT PCI/G	15506 SR-89 SED-ERR PCI/G	15507 SR-90 SEDIMENT PCI/G	15508 SR-90 SED-ERR PCI/G	17509 PB-212 SEDIMENT PCI/G	17510 PB-212 SED-ERR PCI/G
84/07/24	13 46						0.1M	0.5	0.2	0.2	0.30	0.50
	13 47						1.0M	1.0	1.8	0.6	0.67	0.09

DATE FROM TO	TIME OF DAY	DEPTH FEET	17511 PB-214 SEDIMENT PCI/G	17512 PB-214 SED-ERR PCI/G	21503 PA-233 SEDIMENT PCI/G	21504 PA-233 SED-ERR PCI/G	21505 MPA-234 SEDIMENT PCI/G	21506 MPA-234 SED-ERR PCI/G	21508 PA-234 SEDIMENT PCI/G	21509 PA-234 SEDIMENT ERROR	22016 PU-238 SEDIMENT PCI/G	22017 PU-238 SEDIMENT ERRO
84/07/24	13 46		0.30	0.03								
	13 47		0.80	0.10							0.0250	0.0030

DATE FROM TO	TIME OF DAY	DEPTH FEET	22018 PU-239 SEDIMENT PCI/G	22019 PU-239 SEDIMENT ERRO	22200 BE-7 SEDIMENT PCI/G	22201 BE-7 SED-ERR PCI/G	22250 NA-22 SEDIMENT PCI/G	22251 NA-22 SED-ERR PCI/G	22300 K-40 SEDIMENT PCI/G	22301 K-40 SED-ERR PCI/G	22350 TL-208 SEDIMENT PCI/G	22351 TL-208 SED-ERR PCI/G
84/07/24	13 46								3.6	0.4	0.09	0.01
	13 47		0.700	0.030					10.0	0.8	0.23	0.03

STORET RETRIEVAL DATE 85/04/12

476581
35 53 55.0 084 22 19.0 2
WATTS BAR RESERVOIR - AT GRUBB ISLAND
47145 TENNESSEE ROANE
TENNESSEE RIVER BASIN 040101
CLINCH RIVER 18.3
132TVAC 840804
0000 FEET DEPTH CSN-RSP 0739322-0695444

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	22375 BI-212 SEDIMENT PCI/G	22376 BI-212 SED-ERR PCI/G	22377 BI-214 SEDIMENT PCI/G	22378 BI-214 SED-ERR PCI/G	22450 AM-241 SEDIMENT PCI/G	22451 AM-241 SEDIMENT ERRO	22475 CU-244 SEDMENT PCI/G	22476 CU-244 SEDIMENT ERRO	22507 TH-234 SEDIMENT PCI/G	22508 TH-234 SED-ERR PCI/G
84/07/24	13 46				0.30	0.04					0.5	0.2
	13 47				0.70	0.07	0.490	0.030	0.0090	0.0030	1.2	0.4

DATE FROM TO	TIME OF DAY	DEPTH FEET	22608 URANIUM SEDIMENT UG/G	22609 URANIUM SED-ERR UG/G	22612 U-235 SEDIMENT PCI/G	22613 U-235 SED-ERR PCI/G	22503 THORIUM/ URANIUM RATIO	22504 TH-ALPHA TOT WAT PC/L	27999 RU-106 SEDIMENT PCI/	28000 RU-106 SEDIMENT ERROR	28416 CS-134 SEDIMENT PCI/G	28417 CS-134 SED-ERR PCI/G
84/07/24	13 46		0.68	0.09								
	13 47		1.60	0.30								

DATE FROM TO	TIME OF DAY	DEPTH FEET	28418 CS-137 SEDIMENT PCI/G	28419 CS-137 SED-ERR PCI/G	29604 CO-60 SEDIMENT PCI/G	29605 CO-60 SED-ERR PCI/G	29650 EU-152 SEDIMENT PCI/G	29651 EU-152 SEDIMENT ERRO	29652 EU-154 SEDIMENT PCI/G	29653 EU-154 SEDIMENT ERRO
84/07/24	13 46		6.7	0.5	0.400	0.400				
	13 47		167.0	11.0	1.200	0.100				

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STORET RETRIEVAL DATE 95/04/12
 476581
35 53 55.0 084 22 19.0  2
WATTS BAR RESERVOIR - AT GRUBB ISLAND
47145 TENNESSEE          ROANE
TENNESSEE RIVER BASIN    040101
CLINCH RIVER 18.3
132TVAC
        840804     DEPTH     0 DATA LOCKED AFTER 8405
/TYPA/AMENT/STREAM
INDEX 1021500  007720  00920  7930
MILES 0953.80 0046.50 567.70 018.30    .     .     .     .     .     .     .     .
     INITIAL DATE                          84/07/24
     INITIAL TIME-DEPTH-BOTTOM             1345
34223 ANTHRACE  SEDUG/KG   DRY WGT        1400 L
34233 BENZBFLU  GRANTMUD  DRYUG/KG        1400 L
34245 BENZKFLU  SEDUG/KG   DRY WGT        1400 L
34250 BENZAPYR  SEDUG/KG   DRY WGT        1400 L
34276 B2CETETR  SEDUG/KG   DRY WGT        1400 L
34281 B2CETOXM  SEDUG/KG   DRY WGT        1400 L
34286 B2CIPETR  SEDUG/KG   DRY WGT        1400 L
34295 NBB PHTH  MLD-DRY     UG/KG         1400 L
34323 CHRYSENE  SEDUG/KG   DRY WGT        1400 L
34339 DETHPHTH  SEDUG/KG   DRY WGT        1400 L
34344 DMETPHTH  SEDUG/KG   DRY WGT        1400 L
34349 12DPHNHY  SEDUG/KG   DRY WGT        1400 L
34379 FLANTENE  SEDUG/KG   DRY WGT        1400 L
34384 FLUORENE  SEDUG/KG   DRY WGT        1400 L
34389 HEXCLCPD  SEDUG/KG   DRY WGT        1400 L
34399 HEXACLET  SEDUG/KG   DRY WGT        1400 L
34406 I123CDPR  SEDUG/KG   DRY WGT        1400 L
34411 ISPHRONE  SEDUG/KG   DRY WGT        1400 L
34431 NITCNPRA  SEDUG/KG   DRY WGT        1400 L
34436 NITRSDPA  SEDUG/KG   DRY WGT        1400 L
34441 NITRSDNA  SEDUG/KG   DRY WGT        1400 L
34445 NAPTHALE  SEDUG/KG   DRY WGT        1400 L
34450 NITROBEN  SEDUG/KG   DRY WGT        1400 L
34464 PHENANTH  SEDUG/KG   DRY WGT        1400 L
34472 PYRENE    SEDUG/KG   DRY WGT        1400 L
34524 BZGHIPER  SEDUG/KG   DRY WGT        1400 L
34529 BENZAANT  SEDUG/KG   DRY WGT        1400 L
34539 12DCLBEN  SEDUG/KG   DRY WGT        1400 L
34554 124TCBEN  SEDUG/KG   DRY WGT        1400 L
34559 CBAHANTH  SEDUG/KG   DRY WGT        1400 L
34569 13DCLBEN  SEDUG/KG   DRY WGT        1400 L
34574 14DCLBEN  SEDUG/KG   DRY WGT        1400 L
34584 2CLNAPTH  SEDUG/KG   DRY WGT        1400 L
34599 DINCCTPH  SEDUG/KG   DRY WGT        1400 L
34614 24DNTOLU  SEDUG/KG   DRY WGT        1400 L
34629 26DNTOLU  SEDUG/KG   DRY WGT        1400 L
34634 33DCBNZD  SEDUG/KG   DRY WGT        3500 L
34639 4BRPPETR  SEDUG/KG   DRY WGT        1400 L
34644 4CLPPETR  SEDUG/KG   DRY WGT        1400 L
39102 B2E PHTH  MLD-DRY     UG/KG         1400 L
39112 DNB PHTH  MLD-DRY     UG/KG         1400 L
39121 BENZIDIN  SEDUG/KG   DRY WGT        7000 P
39491 PCB-1221  SEDUG/KG   DRY WGT         100 L
39495 PCB-1232  SEDUG/KG   DRY WGT         100 L
39499 PCB-1242  SEDUG/KG   DRY WGT         100 L
(SAMPLE CONTINUED ON NEXT PAGE)
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STORET RETRIEVAL DATE 85/04/12
 476581
35 53 55.0 084 22 19.0  2
WATTS BAR RESERVOIR - AT GRUBB ISLAND
47145 TENNESSEE          ROANE
TENNESSEE RIVER BASIN     040101
CLINCH RIVER 18.3
132TVAC
        840804      DEPTH     0 DATA LOCKED AFTER 8405
/TYPA/AMBNT/STREAM
INDEX 102150C  007720  00920  793C
MILES 0953.80 0046.50 567.70 018.30    .      .     .     .     .     .     .     .
(SAMPLE CONTINUED FROM PREVIOUS PAGE)
     INITIAL DATE                          84/07/24
     INITIAL TIME-DEPTH-BOTTOM             1345
39503 PCB-1248   SEDUG/KG   DRY WGT         100 L
39507 PCB-1254   SEDUG/KG   DRY WGT         100 U
39511 PCB-1260   SEDUG/KG   DRY WGT         100 L
39514 PCB-1016   SEDUG/KG   DRY WGT         100 L
39701 HCB        SEDUG/KG   DRY WGT        1400 L
39705 HEXCLBD    SEDUG/KG   DRY WGT        1400 L
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APPENDIX II - TABLE 1

CLINCH RIVER
(MELTON HILL RESERVOIR)

STORET RETRIEVAL DATE 85/04/12

476556
35 52 43.0 084 17 21.0 2
MELTON HILL RESERVOIR
47145 TENNESSEE ROANE
TENNESSEE RIVER BASIN 040101
CLINCH RIVER 24.0
132TVAC 840608
0000 FEET DEPTH CSN-RSP 0735513-0695413

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	70320 MOISTURE CONTENT PERCENT	70322 RESIDUE TOT VOL PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	81356 CATION EX. CAP. MEA/100G	71921 MERCURY SEDMG/KG DRY WGT	81756 TOT SED PARTSIZ% <.0005MM	80181 TOT SED PARTSIZE %<.002MM	80183 TOT SED PARTSIZE %<.008MM
84/05/30	11 30	0023	14	OK16								
84/07/26	13 00		2303	F1	68	9.5	2.16	33.0	0.1U	35.2	61.6	87.0

DATE FROM TO	TIME OF DAY	DEPTH FEET	80184 TOT SED PARTSIZE %<.016MM	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	00557 OIL-GRSE MUD FRGR MG/KG	00721 CYANIDE SEDMG/KG DRY WGT	01003 ARSENIC SEDMG/KG DRY WGT	01028 CD MUD DRY WGT MG/KG-CD	01029 CHROMIUM SEDMG/KG DRY WGT
84/07/26	13 00		93.8	97.7					1.6U	17.0	0.5	25

DATE FROM TO	TIME OF DAY	DEPTH FEET	01052 LEAD SEDMG/KG DRY WGT	01068 NICKEL SEDMG/KG DRY WGT	01078 SILVER SEDMG/KG DRY WGT	01163 ZR MUD DRY WGT MG/KG-ZR
84/07/26	13 00		28	36	1U	230

STORET RETRIEVAL DATE 85/04/12

476556
35 52 43.0 084 17 21.0 2
MELTON HILL RESERVOIR
47145 TENNESSEE ROANE
TENNESSEE RIVER BASIN 040101
CLINCH RIVER 24.0
132TVAC 840608
0000 FEET DEPTH CSN-RSP 0735513-0695413

/TYPA/AMENT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	01507 ALPHA SEDIMENT PC/G	01508 ALPHA SED-ERR PC/G	03507 BETA SEDIMENT PC/G	03508 BETA SED-ERR PC/G	09507 RA-226 SEDIMENT PC/G	09508 RA-226 SED-ERR PC/G
84/05/30	11 30	0023	14	OK16								
84/07/26	13 00		2303	F1			4.0	1.0	42	8	0.88	0.08

DATE FROM TO	TIME OF DAY	DEPTH FEET	11506 RA-224 SEDIMENT PCI/G	11507 RA-224 SED-ERR PCI/G	11508 RA-223 SEDIMENT PCI/G	11509 RA-223 SEDIMENT ERROR	15505 SR-89 SEDIMENT PCI/G	15506 SR-89 SED-ERR PCI/G	15507 SR-90 SEDIMENT PCI/G	15508 SR-90 SED-ERR PCI/G	17509 PB-212 SEDIMENT PCI/G	17510 PB-212 SED-ERR PCI/G
84/07/26	13 00		1.70	0.30			0.2	0.2	0.1	0.1	1.40	0.10

DATE FROM TO	TIME OF DAY	DEPTH FEET	17511 PB-214 SEDIMENT PCI/G	17512 PB-214 SED-ERR PCI/G	21503 PA-233 SEDIMENT PCI/G	21504 PA-233 SED-ERR PCI/G	21505 MPA-234 SEDIMENT PCI/G	21506 MPA-234 SED-ERR PCI/G	21508 PA-234 SEDIMENT PCI/G	21509 PA-234 SEDIMENT ERROR	22016 PU-238 SEDIMENT PCI/G	22017 PU-238 SEDIMENT ERRO
84/07/26	13 00		0.99	0.08			4.0	2.0	0.3	0.1		

DATE FROM TO	TIME OF DAY	DEPTH FEET	22018 PU-239 SEDIMENT PCI/G	22019 PU-239 SEDIMENT ERRO	22200 BE-7 SEDIMENT PCI/G	22201 BE-7 SED-ERR PCI/G	22250 NA-22 SEDIMENT PCI/G	22251 NA-22 SED-ERR PCI/G	22300 K-40 SEDIMENT PCI/G	22301 K-40 SED-ERR PCI/G	22350 TL-208 SEDIMENT PCI/G	22351 TL-208 SED-ERR PCI/G
84/07/26	13 00				0.17	0.08			19.0	2.0	0.48	0.05

STORET RETRIEVAL DATE 85/05/01

476556
35 52 43.0 084 17 21.0 2
MELTON HILL RESERVOIR
47145 TENNESSEE ROANE
TENNESSEE RIVER BASIN 040101
CLINCH RIVER 24.0
132TVAC 840608
0000 FEET DEPTH CSN-RSP 0735513-0595413

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	22375 BI-212 SEDIMENT PCI/G	22376 BI-212 SED-ERR PCI/G	22377 BI-214 SEDIMENT PCI/G	22378 BI-214 SED-ERR PCI/G	22450 AM-241 SEDIMENT PCI/G	22451 AM-241 SEDIMENT ERRO	22475 CU-244 SEDMENT PCI/G	22476 CU-244 SEDIMENT ERRO	22507 TH-234 SEDIMENT PCI/G	22508 TH-234 SED-ERR PCI/G
84/07/26	13 00		1.6	0.3	0.98	0.08						

DATE FROM TO	TIME OF DAY	DEPTH FEET	22608 URANIUM SEDIMENT UG/G	22609 URANIUM SED-ERR UG/G	22612 U-235 SEDIMENT PCI/G	22613 U-235 SED-ERR PCI/G	22503 THORIUM/ URANIUM RATIO	22504 TH-ALPHA TOT WAT PC/L	27999 RU-106 SEDIMENT PCI/	28000 RU-106 SEDIMENT ERROR	28416 CS-134 SEDIMENT PCI/G	28417 CS-134 SED-ERR PCI/G
84/07/26	13 00		5.90	0.70								

DATE FROM TO	TIME OF DAY	DEPTH FEET	28418 CS-137 SEDIMENT PCI/G	28419 CS-137 SED-ERR PCI/G	29604 CO-60 SEDIMENT PCI/G	29605 CO-60 SED-ERR PCI/G	29550 EU-152 SEDIMENT PCI/G	29651 EU-152 SEDIMENT ERRO	29652 EU-154 SEDIMENT PCI/G	29653 EU-154 SEDIMENT ERRO	25503 AC-228 SEDIMENT PCI/G	25504 AC-228 SED-ERR PCI/G
84/07/26	13 00		0.6	0.1	0.210	0.030					1.5	0.2

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STORET RETRIEVAL DATE 85/04/12
 476556
35 52 43.0 084 17 21.0  2
MELTON HILL RESERVOIR
47145 TENNESSEE          ROANE
TENNESSEE RIVER BASIN    040101
CLINCH RIVER 24.0
132TVAC
        840608      DEPTH     0 DATA LOCKED AFTER 8309
/TYPA/AMENT/STREAM
INDEX 1C21500  007720  00920  7930
MILES 0953.80 0046.50 567.70 024.00    .     .     .     .     .     .     .     .
     INITIAL DATE                          84/07/26
     INITIAL TIME-DEPTH-BOTTOM             1300
34223 ANTHRACE  SEDUG/KG   DRY WGT        2000 L
34233 BENZBFLU  ORANTMUD  DRYUG/KG        2000 L
34245 BENZKFLU  SEDUG/KG   DRY WGT        2000 L
34250 BENZAPYR  SEDUG/KG   DRY WGT        2000 L
34276 B2CETETR  SEDUG/KG   DRY WGT        2000 L
34281 B2CETOXM  SEDUG/KG   DRY WGT        2000 L
34286 B2CIPETR  SEDUG/KG   DRY WGT        2000 L
34295 NBB PHTH  MLD-DRY     UG/KG         2000 L
34323 CHRYSENE  SEDUG/KG   DRY WGT        2000 L
34339 DETHPHTH  SEDUG/KG   DRY WGT        2000 L
34344 DMETPHTH  SEDUG/KG   DRY WGT        2000 L
34349 12DPHNHY  SEDUG/KG   DRY WGT        2000 L
34379 FLANTENE  SEDUG/KG   DRY WGT        2000 L
34384 FLUORENE  SEDUG/KG   DRY WGT        2000 L
34389 HEXCLCPD  SEDUG/KG   DRY WGT        2000 L
34399 HEXACLET  SEDUG/KG   DRY WGT        2000 L
34406 I123CDPR  SEDUG/KG   DRY WGT        2000 L
34411 ISPHRONE  SEDUG/KG   DRY WGT        2000 L
34431 NITDNPRA  SEDUG/KG   DRY WGT        2000 L
34436 NITRSDPA  SEDUG/KG   DRY WGT        2000 L
34441 NITRSDMA  SEDUG/KG   DRY WGT        2000 L
34445 NAPTHALE  SEDUG/KG   DRY WGT        2000 L
34450 NITROBEN  SEDUG/KG   DRY WGT        2000 L
34464 PHENANTH  SEDUG/KG   DRY WGT        2000 L
34472 PYRENE    SEDUG/KG   DRY WGT        2000 L
34524 B2EHIPER  SEDUG/KG   DRY WGT        2000 L
34529 BENZAANT  SEDUG/KG   DRY WGT        2000 L
34539 12DCLBEN  SEDUG/KG   DRY WGT        2000 L
34554 124TCBEN  SEDUG/KG   DRY WGT        2000 L
34559 CBAPANTH  SEDUG/KG   DRY WGT        2000 L
34569 13DCLBEN  SEDUG/KG   DRY WGT        2000 L
34574 14DCLBEN  SEDUG/KG   DRY WGT        2000 L
34584 2CLNAPTH  SEDUG/KG   DRY WGT        2000 L
34599 DINOCTPH  SEDUG/KG   DRY WGT        2000 L
34614 24DNTOLU  SEDUG/KG   DRY WGT        2000 L
34629 26DNTOLU  SEDUG/KG   DRY WGT        2000 L
34634 33DCBNZD  SEDUG/KG   DRY WGT        5000 L
34639 4BRPPETR  SEDUG/KG   DRY WGT        2000 L
34644 4CLPPETR  SEDUG/KG   DRY WGT        2000 L
39102 B2E PHTH  MLD-DRY     UG/KG         2100 M
39112 DNB PHTH  MLD-DRY     UG/KG         2000 L
39121 BENZIDIN  SEDUG/KG   DRY WGT       10000 M
39491 PCB-1221  SEDUG/KG   DRY WGT         100 L
39495 PCB-1232  SEDUG/KG   DRY WGT         100 L
39499 PCB-1242  SEDUG/KG   DRY WGT         100 L
(SAMPLE CONTINUED ON NEXT PAGE)
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STORET RETRIEVAL DATE 85/04/12
 476556
35 52 43.0 084 17 21.0  2
MELTON HILL RESERVOIR
47145 TENNESSEE          ROANE
TENNESSEE RIVER BASIN     040101
CLINCH RIVER 24.0
132TVAC
        840608     DEPTH     0 DATA LOCKED AFTER 8309
/TYPA/AMENT/STREAM
INDEX 1021500  007720  00920  7930
MILES 0953.80 0046.50 567.70 024.00    .     .     .     .     .     .     .     .
(SAMPLE CONTINUED FROM PREVIOUS PAGE)
     INITIAL DATE                          84/07/26
     INITIAL TIME-DEPTH-BOTTOM             1300
39503 PCB-1248  SEDUG/KG   DRY WGT        100 L
39507 PCB-1254  SEDUG/KG   DRY WGT        100 L
39511 PCB-1260  SEDUG/KG   DRY WGT        100 L
39514 PCB-1016  SEDUG/KG   DRY WGT        100 L
39701 HCB       SEDUG/KG   DRY WGT       2000 L
39705 HEXCLBD   SEDUG/KG   DRY WGT       2000 L
```

APPENDIX II - TABLE 1

NORRIS RESERVOIR

STORET RETRIEVAL DATE 85/04/12

476585
36 15 00.0 084 03 04.0 2
NORRIS RESERVOIR
47001 TENNESSEE ANDERSON
TENNESSEE RIVER BASIN 040101
CLINCH RIVER 85.3
132TVAC 840817
0000 FEET DEPTH CSN-RSP 0741134-0695451

/TYPA/AGENT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	70320 MOISTURE CONTENT PERCENT	70322 RESIDUE TOT VOL PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	81356 CATION EX. CAP. MEA/100G	71921 MERCURY SEDMG/KG DRY WGT	81756 TOT SED PARTSIZ% <.0005MM	80181 TOT SED PARTSIZE %<.002MM	80183 TOT SED PARTSIZE %<.008MM
84/08/07	15 38		2938	034	65	8.7	2.57	21.0	0.1	45.0	71.9	89.9

DATE FROM TO	TIME OF DAY	DEPTH FEET	80184 TOT SED PARTSIZE %<.016MM	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	00557 OIL-GRSE MUD FRGR MG/KG	00721 CYANIDE SEDMG/KG DRY WGT	01003 ARSENIC SEDMG/KG DRY WGT	01028 CD MUD DRY WGT MG/KG-CD	01029 CHROMIUM SEDMG/KG DRY WGT
84/08/07	15 38		97.9	99.9					0.9U	24.0	0.5U	21

DATE FROM TO	TIME OF DAY	DEPTH FEET	01052 LEAD SEDMG/KG DRY WGT	01068 NICKEL SEDMG/KG DRY WGT	01078 SILVER SEDMG/KG DRY WGT	01163 ZR MUD DRY WGT MG/KG-ZR
84/08/07	15 38		67	24	1U	210

STORET RETRIEVAL DATE 85/04/12

476585
35 16 00.0 084 03 04.0 2
NORRIS RESERVOIR
47001 TENNESSEE ANDERSON
TENNESSEE RIVER BASIN 040101
CLINCH RIVER 85.3
132TVAC 840817
0000 FEET DEPTH CSN-RSP 0741134-0695451

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	01507 ALPHA SEDIMENT PC/G	01508 ALPHA SED-ERR PC/G	03507 BETA SEDIMENT PC/G	03508 BETA SED-ERR PC/G	09507 RA-226 SEDIMENT PC/G	09508 RA-226 SED-ERR PC/G
84/08/07	15 38		2938	034			4.0	1.0	37	7		

DATE FROM TO	TIME OF DAY	DEPTH FEET	11506 RA-224 SEDIMENT PCI/G	11507 RA-224 SED-ERR PCI/G	11508 RA-223 SEDIMENT PCI/G	11509 RA-223 SEDIMENT ERROR	15505 SR-89 SEDIMENT PCI/G	15506 SR-89 SED-ERR PCI/G	15507 SR-90 SEDIMENT PCI/G	15508 SR-90 SED-ERR PCI/G	17509 PB-212 SEDIMENT PCI/G	17510 PB-212 SED-ERR PCI/G
84/08/07	15 38						1.0	2.0	0.4	0.8	1.90	0.30

DATE FROM TO	TIME OF DAY	DEPTH FEET	17511 PB-214 SEDIMENT PCI/G	17512 PB-214 SED-ERR PCI/G	21503 PA-233 SEDIMENT PCI/G	21504 PA-233 SED-ERR PCI/G	21505 MPA-234 SEDIMENT PCI/G	21506 MPA-234 SED-ERR PCI/G	21508 PA-234 SEDIMENT PCI/G	21509 PA-234 SEDIMENT ERROR	22016 PU-238 SEDIMENT PCI/G	22017 PU-238 SEDIMENT ERRO
84/08/07	15 38		1.60	0.20								

DATE FROM TO	TIME OF DAY	DEPTH FEET	22018 PU-239 SEDIMENT PCI/G	22019 PU-239 SEDIMENT ERRO	22200 BE-7 SEDIMENT PCI/G	22201 BE-7 SED-ERR PCI/G	22250 NA-22 SEDIMENT PCI/G	22251 NA-22 SED-ERR PCI/G	22300 K-40 SEDIMENT PCI/G	22301 K-40 SED-ERR PCI/G	22350 TL-208 SEDIMENT PCI/G	22351 TL-208 SED-ERR PCI/G
84/08/07	15 38								17.0	2.0	0.68	0.08

STORET RETRIEVAL DATE 85/03/21

476595
35 16 01.0 084 03 04.0 2
NORRIS RESERVOIR
47001 TENNESSEE ANDERSON
TENNESSEE RIVER BASIN 040101
CLINCH RIVER 85.3
132TVAC 840817
0000 FEET DEPTH CSN-RSP 0741134-0595451

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	22375 BI-212 SEDIMENT PCI/G	22376 BI-212 SED-ERR PCI/G	22377 BI-214 SEDIMENT PCI/G	22378 BI-214 SED-ERR PCI/G	22450 AM-241 SEDIMENT PCI/G	22451 AM-241 SEDIMENT ERRO	22475 CU-244 SEDIMENT PCI/G	22476 CU-244 SEDIMENT ERRO	22507 TH-234 SEDIMENT PCI/G	22508 TH-234 SED-ERR PCI/G
84/08/07	15 38		2.3	0.6	1.40	0.20	0.013	0.005	0.0050	0.0030		

DATE FROM TO	TIME OF DAY	DEPTH FEET	22608 URANIUM SEDIMENT UG/G	22609 URANIUM SED-ERR UG/G	22612 U-235 SEDIMENT PCI/G	22613 U-235 SED-ERR PCI/G	22503 THORIUM/ URANIUM RATIO	22504 TH-ALPHA TOT WAT PC/L	27999 RU-106 SEDIMENT PCI/	28000 RU-106 SEDIMENT ERROR	28416 CS-134 SEDIMENT PCI/G	28417 CS-134 SED-ERR PCI/G
84/08/07	15 38		4.20	0.50								

DATE FROM TO	TIME OF DAY	DEPTH FEET	28418 CS-137 SEDIMENT PCI/G	28419 CS-137 SED-ERR PCI/G	29604 CO-60 SEDIMENT PCI/G	29605 CO-60 SED-ERR PCI/G	29650 EU-152 SEDIMENT PCI/G	29651 EU-152 SEDIMENT ERRO	29652 EU-154 SEDIMENT PCI/G	29653 EU-154 SEDIMENT ERRO	25503 AC-228 SEDIMENT PCI/G	25504 AC-228 SED-ERR PCI/G
84/08/07	15 38		0.8	0.1							1.8	0.3

```
STORET RETRIEVAL DATE 85/04/12
 476585
36 16 00.0 084 03 04.0  2
NORRIS RESERVOIR
47001 TENNESSEE          ANDERSON
TENNESSEE RIVER BASIN    040101
CLINCH RIVER 85.3
132TVAC
        840817     DEPTH     0 DATA LOCKED AFTER 8405
/TYPA/AMBNT/STREAM
INDEX 102150C  007720  00920  7930
FILES 0953.80 0046.50 567.70 085.30    .     .     .     .     .     .     .     .
     INITIAL DATE                          84/08/07
     INITIAL TIME-DEPTH-BOTTOM             1538
34223 ANTHRACE  SEDUG/KG   DRY WGT        1500 U
34233 BENZBFLU  GRANTMUD  DRYUG/KG        1500 U
34245 BENZKFLU  SEDUG/KG   DRY WGT        1500 U
34250 BENZAPYR  SEDUG/KG   DRY WGT        1500 U
34276 B2CETETR  SEDUG/KG   DRY WGT        1500 U
34281 B2CETOXM  SEDUG/KG   DRY WGT        1500 U
34286 B2CIPETR  SEDUG/KG   DRY WGT        1500 U
34295 NBE PHTH  MLD-DRY     UG/KG         1500 U
34323 CHRYSENE  SEDUG/KG   DRY WGT        1500 U
34339 DETHPHTH  SEDUG/KG   DRY WGT        1500 U
34344 DMETPHTH  SEDUG/KG   DRY WGT        1500 U
34349 12DPHNHY  SEDUG/KG   DRY WGT        1500 U
34379 FLANTENE  SEDUG/KG   DRY WGT        1500 U
34384 FLUORENE  SEDUG/KG   DRY WGT        1500 U
34389 HEXCLCPD  SEDUG/KG   DRY WGT        1500 U
34395 HEXACLET  SEDUG/KG   DRY WGT        1500 U
34406 I123CDPR  SEDUG/KG   DRY WGT        1500 U
34411 ISPHRONE  SEDUG/KG   DRY WGT        1500 U
34431 NITDNPRA  SEDUG/KG   DRY WGT        1500 U
34436 NITRSDPA  SEDUG/KG   DRY WGT        1500 U
34441 NITRSDMA  SEDUG/KG   DRY WGT        1500 U
34445 NAPTHALE  SEDUG/KG   DRY WGT        1500 U
34450 NITROBEN  SEDUG/KG   DRY WGT        1500 U
34464 PHENANTH  SEDUG/KG   DRY WGT        1500 U
34472 PYRENE    SEDUG/KG   DRY WGT        1500 U
34524 B26HIPER  SEDUG/KG   DRY WGT        1500 U
34529 BENZAANT  SEDUG/KG   DRY WGT        1500 U
34539 12DCLBEN  SEDUG/KG   DRY WGT        1500 U
34554 124TCBEN  SEDUG/KG   DRY WGT        1500 U
34559 CEAHANTH  SEDUG/KG   DRY WGT        1500 U
34569 13DCLBEN  SEDUG/KG   DRY WGT        1500 U
34574 14DCLBEN  SEDUG/KG   DRY WGT        1500 U
34584 2CLNAPTH  SEDUG/KG   DRY WGT        1500 U
34599 DINOCTPH  SEDUG/KG   DRY WGT        1500 U
34614 24DNTOLU  SEDUG/KG   DRY WGT        1500 U
34629 26DNTOLU  SEDUG/KG   DRY WGT        1500 U
34634 33DCBNZD  SEDUG/KG   DRY WGT        3900 U
34639 4BRPPETR  SEDUG/KG   DRY WGT        1500 U
34644 4CLPPETR  SEDUG/KG   DRY WGT        1500 U
39102 B2E PHTH  MLD-DRY     UG/KG         1500 U
39112 DNB PHTH  MLD-DRY     UG/KG         1500 U
39121 BENZIDIN  SEDUG/KG   DRY WGT        7500 U
39491 PCB-1221  SEDUG/KG   DRY WGT         100 U
39495 PCB-1232  SEDUG/KG   DRY WGT         100 U
39499 PCB-1242  SEDUG/KG   DRY WGT         100 U
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(SAMPLE CONTINUED ON NEXT PAGE)

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STORET RETRIEVAL DATE 85/04/12
 476585
36 16 00.0 084 03 04.0  2
NORRIS RESERVOIR
47001 TENNESSEE          ANDERSON
TENNESSEE RIVER BASIN     040101
CLINCH RIVER 85.3
132TVAC
        840817      DEPTH     0 DATA LOCKED AFTER 8405
/TYPA/AMBNT/STREAM
INDEX 1021500  007720  00920  7930
MILES 0953.80 0046.50 567.70 085.30     .      .      .      .      .      .      .      .
     INITIAL DATE                          84/08/07
     INITIAL TIME-DEPTH-BOTTOM             1538
39491 PCB-1221   SEDUG/KG    DRY WGT        100 U
39495 PCB-1232   SEDUG/KG    DRY WGT        100 U
39499 PCB-1242   SEDUG/KG    DRY WGT        100 U
39503 PCB-1248   SEDUG/KG    DRY WGT        100 U
39507 PCB-1254   SEDUG/KG    DRY WGT        100 U
39511 PCB-1260   SEDUG/KG    DRY WGT        100 U
39514 PCB-1016   SEDUG/KG    DRY WGT        100 U
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STORET RETRIEVAL DATE 85/04/12

476586
36 16 30.0 083 58 48.0 2
NORRIS RESERVOIR
47173 TENNESSEE UNION
TENNESSEE RIVER BASIN 040101
CLINCH RIVER 94.1
132TVAC 840817
0000 FEET DEPTH CSN-RSP 0741135-0695452

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	70320 MOISTURE CONTENT PERCENT	70322 RESIDUE TOT VOL PERCENT	71821 SPECIFIC GRAVITY SEDGM/CM	81356 CATION EX. CAP. MEA/100G	71921 MERCURY SEDMG/KG DRY WGT	81756 TOT SED PARTSIZ% <.0005MM	80181 TOT SED PARTSIZE %<.002MM	80183 TOT SED PARTSIZE %<.008MM
84/08/07	15	08	2939	D35	67	9.3	2.34	23.0	0.1	50.0	78.9	93.9

DATE FROM TO	TIME OF DAY	DEPTH FEET	80184 TOT SED PARTSIZE %<.016MM	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	00557 OIL-GRSE MUD FRGR MG/KG	00721 CYANIDE SEDMG/KG DRY WGT	01003 ARSENIC SEDMG/KG DRY WGT	01028 CD MUD DRY WGT MG/KG-CD	01029 CHROMIUM SEDMG/KG DRY WGT
84/08/07	15	08	97.9	99.9					0.9U	16.0	0.5U	23

DATE FROM TO	TIME OF DAY	DEPTH FEET	01052 LEAD SEDMG/KG DRY WGT	01068 NICKEL SEDMG/KG DRY WGT	01078 SILVER SEDMG/KG DRY WGT	01163 ZR MUD DRY WGT MG/KG-ZR
84/08/07	15	08	58	27	1U	180

STORET RETRIEVAL DATE 85/04/12

476586
35 16 30.0 083 58 48.0 2
NORRIS RESERVOIR
47173 TENNESSEE UNION
TENNESSEE RIVER BASIN 040101
CLINCH RIVER 94.1
132TVAC 840817
0000 FEET DEPTH CSN-RSP 0741135-0695452

/TYPA/APENT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	01507 ALPHA SEDIMENT PC/G	01508 ALPHA SED-ERR PC/G	03507 BETA SEDIMENT PC/G	03508 BETA SED-ERR PC/G	09507 RA-226 SEDIMENT PC/G	09508 RA-226 SED-ERR PC/G
84/08/07	15	08	2939	035			3.0	1.0	45	9		

DATE FROM TO	TIME OF DAY	DEPTH FEET	11506 RA-224 SEDIMENT PCI/G	11507 RA-224 SED-ERR PCI/G	11508 RA-223 SEDIMENT PCI/G	11509 RA-223 SEDIMENT ERROR	15505 SR-89 SEDIMENT PCI/G	15506 SR-89 SED-ERR PCI/G	15507 SR-90 SEDIMENT PCI/G	15508 SR-90 SED-ERR PCI/G	17509 PB-212 SEDIMENT PCI/G	17510 PB-212 SED-ERR PCI/G
84/08/07	15	08					4.0	3.0	0.0	1.0	2.20	0.30

DATE FROM TO	TIME OF DAY	DEPTH FEET	17511 PB-214 SEDIMENT PCI/G	17512 PB-214 SED-ERR PCI/G	21503 PA-233 SEDIMENT PCI/G	21504 PA-233 SED-ERR PCI/G	21505 MPA-234 SEDIMENT PCI/G	21506 MPA-234 SED-ERR PCI/G	21508 PA-234 SEDIMENT PCI/G	21509 PA-234 SEDIMENT ERROR	22015 PU-238 SEDIMENT PCI/G	22017 PU-238 SEDIMENT ERRO
84/08/07	15	08	1.50	0.20								

STORET RETRIEVAL DATE 85/03/01

476586
36 16 30.0 083 59 48.0 2
NORRIS RESERVOIR
47173 TENNESSEE UNION
TENNESSEE RIVER BASIN 040101
CLINCH RIVER 94.1
132TVAC 940817
0000 FEET DEPTH CSN-RSP 0741135-0595452

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	22018 PU-238 SEDIMENT PCI/G	22019 PU-239 SEDIMENT ERRO	22200 BE-7 SEDIMENT PCI/G	22201 BE-7 SED-ERR PCI/G	22250 NA-22 SEDIMENT PCI/G	22251 NA-22 SED-ERR PCI/G	22300 K-40 SEDIMENT PCI/G	22301 K-40 SED-ERR PCI/G	22350 TL-208 SEDIMENT PCI/G	22351 TL-208 SED-ERR PCI/G
84/08/07	15	08							27.0	3.0	0.80	0.10

DATE FROM TO	TIME OF DAY	DEPTH FEET	22375 BI-212 SEDIMENT PCI/G	22376 BI-212 SED-ERR PCI/G	22377 BI-214 SEDIMENT PCI/G	22378 BI-214 SED-ERR PCI/G	22450 AM-241 SEDIMENT PCI/G	22451 AM-241 SEDIMENT ERRO	22475 CU-244 SEDMENT PCI/G	22476 CU-244 SEDIMENT ERRO	22507 TH-234 SEDIMENT PCI/G	22508 TH-234 SED-ERR PCI/G
84/08/07	15	08	3.0	0.6	1.50	0.20						

DATE FROM TO	TIME OF DAY	DEPTH FEET	22608 URANIUM SEDIMENT UG/G	22609 URANIUM SED-ERR UG/G	22612 U-235 SEDIMENT PCI/G	22613 U-235 SED-ERR PCI/G	22503 THORIUM/ URANIUM RATIO	22504 TH-ALPHA TOT WAT PC/L	27999 RU-106 SEDIMENT PCI/	28000 RU-106 SEDIMENT ERROR	28416 CS-134 SEDIMENT PCI/G	28417 CS-134 SED-ERR PCI/G
84/08/07	15	08	4.30	0.60								

DATE FROM TO	TIME OF DAY	DEPTH FEET	28418 CS-137 SEDIMENT PCI/G	28419 CS-137 SED-ERR PCI/G	29604 CO-60 SEDIMENT PCI/G	29605 CO-60 SED-ERR PCI/G	29650 EU-152 SEDIMENT PCI/G	29651 EU-152 SEDIMENT ERRO	29652 EU-154 SEDIMENT PCI/G	29653 EU-154 SEDIMENT ERRO	25503 AC-228 SEDIMENT PCI/G	25504 AC-228 SED-ERR PCI/G
84/08/07	15	08	0.9	0.1							2.2	0.3

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STORET RETRIEVAL DATE 85/04/12
 476586
36 1E 30.0 083 58 48.0  2
NORRIS RESERVOIR
47173 TENNESSEE          UNION
TENNESSEE RIVER BASIN     040101
CLINCH RIVER 94.1
132TVAC
        840817      DEPTH     0 DATA LOCKED AFTER 8405
/TYPA/AMENT/STREAM
INDEX 1021500  007720  00920  793C
MILES 0953.80 0046.50 567.70 094.10     .     .     .     .     .     .     .     .
     INITIAL DATE                          84/08/07
     INITIAL TIME-DEPTH-BOTTOM             1508
34223 ANTHRACE  SEDUG/KG   DRY WGT        1500 L
34233 BENZBFLU  ORANTMUD  DRYUG/KG        1500 L
34245 BENZKFLU  SEDUG/KG   DRY WGT        1500 L
34250 BENZAPYR  SEDUG/KG   DRY WGT        1500 U
34276 B2CETETR  SEDUG/KG   DRY WGT        1500 L
34281 B2CETOXM  SEDUG/KG   DRY WGT        1500 L
34286 B2CIPETR  SEDUG/KG   DRY WGT        1500 L
34295 NBB PHTH  MUD-DRY     UG/KG         1500 L
34323 CHRYSENE  SEDUG/KG   DRY WGT        1500 L
34339 DETHPHTH  SEDUG/KG   DRY WGT        1500 L
34344 DMETPHTH  SEDUG/KG   DRY WGT        1500 L
34349 12DPHNHY  SEDUG/KG   DRY WGT        1500 L
34379 FLANTENE  SEDUG/KG   DRY WGT        1500 L
34384 FLUORENE  SEDUG/KG   DRY WGT        1500 L
34389 HEXCLCPD  SEDUG/KG   DRY WGT        1500 L
34399 HEXACLET  SEDUG/KG   DRY WGT        1500 L
34406 I123CDPR  SEDUG/KG   DRY WGT        1500 L
34411 ISPHRONE  SEDUG/KG   DRY WGT        1500 L
34431 NITDNPRA  SEDUG/KG   DRY WGT        1500 L
34436 NITRSDPA  SEDUG/KG   DRY WGT        1500 L
34441 NITRSDMA  SEDUG/KG   DRY WGT        1500 L
34445 NAPTHALE  SEDUG/KG   DRY WGT        1500 L
34450 NITROBEN  SEDUG/KG   DRY WGT        1500 L
34464 PHENANTH  SEDUG/KG   DRY WGT        1500 L
34472 PYRENE    SEDUG/KG   DRY WGT        1500 L
34524 B2GHIPER  SEDUG/KG   DRY WGT        1500 L
34529 BENZAANT  SEDUG/KG   DRY WGT        1500 L
34539 12DCLBEN  SEDUG/KG   DRY WGT        1500 L
34554 124TCBEN  SEDUG/KG   DRY WGT        1500 L
34559 CEAHANTH  SEDUG/KG   DRY WGT        1500 L
34569 13DCLBEN  SEDUG/KG   DRY WGT        1500 L
34574 14DCLBEN  SEDUG/KG   DRY WGT        1500 L
34584 2CLNAPTH  SEDUG/KG   DRY WGT        1500 L
34599 DINOCTPH  SEDUG/KG   DRY WGT        1500 L
34614 24DNTOLU  SEDUG/KG   DRY WGT        1500 L
34629 26DNTOLU  SEDUG/KG   DRY WGT        1500 L
34634 33DCBNZD  SEDUG/KG   DRY WGT        3800 L
34639 4BRPPETR  SEDUG/KG   DRY WGT        1500 L
34644 4CLPPETR  SEDUG/KG   DRY WGT        1500 L
39102 B2E PHTH  MUD-DRY     UG/KG         1500 L
39112 DNB PHTH  MUD-DRY     UG/KG         1500 L
39121 BENZIDIN  SEDUG/KG   DRY WGT        7500 L
39491 PCB-1221  SEDUG/KG   DRY WGT         100 L
39495 PCB-1232  SEDUG/KG   DRY WGT         100 L
39499 PCB-1242  SEDUG/KG   DRY WGT         100 L
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(SAMPLE CONTINUED ON NEXT PAGE)

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STORET RETRIEVAL DATE 85/04/12
 476586
36 16 30.0 083 58 48.0  2
NORRIS RESERVOIR
47173 TENNESSEE          UNION
TENNESSEE RIVER BASIN     040101
CLINCH RIVER 94.1
132TVAC
        840817     DEPTH     0 DATA LOCKED AFTER 8405
/TYPA/AMENT/STREAM
INDEX 1021500  007720  00920  7930
MILES 0953.80 0046.50 567.70 094.10    .     .     .     .     .     .     .     .
(SAMPLE CONTINUED FROM PREVIOUS PAGE)
     INITIAL DATE                          84/08/07
     INITIAL TIME-DEPTH-BOTTOM             1508
39503 PCB-1248   SEDUG/KG   DRY WGT         100 L
39507 PCB-1254   SEDUG/KG   DRY WGT         100 L
39511 PCB-1260   SEDUG/KG   DRY WGT         100 L
39514 PCB-1016   SEDUG/KG   DRY WGT         100 L
39701 HCB        SEDUG/KG   DRY WGT        1500 L
39705 HEXCLBC    SEDUG/KG   DRY WGT        1500 L
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STORET RETRIEVAL DATE 85/04/12

476587
36 19 16.0 084 00 39.0 2
NORRIS RESERVOIR
47013 TENNESSEE CAMPBELL
CLINCH RIVER BASIN 040102
POWELL RIVER 6.0
132TVAC 840817
0000 FEET DEPTH CSN-RSP 0741136-0695453

/TYPA/APENT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	70320 MOISTURE CONTENT PERCENT	70322 RESIDUE TOT VOL PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	81356 CATION EX. CAP. MEA/100G	71921 MERCURY SEDMG/KG DRY WGT	81756 TOT SED PARTSIZ% <.0005MM	80181 TOT SED PARTSIZE %<.002MM	80183 TOT SED PARTSIZE %<.008MM
84/08/07	14	00	2940	036	63	8.6	2.43	16.0	0.1	25.9	64.7	84.6

DATE FROM TO	TIME OF DAY	DEPTH FEET	80184 TOT SED PARTSIZE %<.016MM	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	00557 OIL-GRSE MUD FRGR MG/KG	00721 CYANIDE SEDMG/KG DRY WGT	01003 ARSENIC SEDMG/KG DRY WGT	01028 CD MUD DRY WGT MG/KG-CD	01029 CHROMIUM SEDMG/KG DRY WGT
84/08/07	14	00	94.5	99.5					0.9U	26.0	0.5U	21

DATE FROM TO	TIME OF DAY	DEPTH FEET	01052 LEAD SEDMG/KG DRY WGT	01068 NICKEL SEDMG/KG DRY WGT	01078 SILVER SEDMG/KG DRY WGT	01163 ZR MUD DRY WGT MG/KG-ZR
84/08/07	14	00	77	28	1U	270

STORET RETRIEVAL DATE 85/04/12

476587
36 19 16.0 084 00 39.0 2
NORRIS RESERVOIR
47013 TENNESSEE CAMPBELL
CLINCH RIVER BASIN 040102
POWELL RIVER 6.0
132TVAC 840817
0000 FEET DEPTH CSN-RSP 0741136-0695453

/TYPA/AGENT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	01507 ALPHA SEDIMENT PC/G	01508 ALPHA SED-ERR PC/G	03507 BETA SEDIMENT PC/G	03508 BETA SED-ERR PC/G	09507 RA-226 SEDIMENT PC/G	09508 RA-226 SED-ERR PC/G
84/08/07	14 00		2940	036			3.0	1.0	37	7		

DATE FROM TO	TIME OF DAY	DEPTH FEET	11506 RA-224 SEDIMENT PCI/G	11507 RA-224 SED-ERR PCI/G	11508 RA-223 SEDIMENT PCI/G	11509 RA-223 SEDIMENT ERROR	15505 SR-89 SEDIMENT PCI/G	15506 SR-89 SED-ERR PCI/G	15507 SR-90 SEDIMENT PCI/G	15508 SR-90 SED-ERR PCI/G	17509 PB-212 SEDIMENT PCI/G	17510 PB-212 SED-ERR PCI/G
84/08/07	14 00						1.0	2.0	0.5	0.8	1.90	0.30

DATE FROM TO	TIME OF DAY	DEPTH FEET	17511 PB-214 SEDIMENT PCI/G	17512 PB-214 SED-ERR PCI/G	21503 PA-233 SEDIMENT PCI/G	21504 PA-233 SED-ERR PCI/G	21505 MPA-234 SEDIMENT PCI/G	21506 MPA-234 SED-ERR PCI/G	21508 PA-234 SEDIMENT PCI/G	21509 PA-234 SEDIMENT ERROR	22016 PU-238 SEDIMENT PCI/G	22017 PU-238 SEDIMENT ERRO
84/08/07	14 00		1.90	0.20								

DATE FROM TO	TIME OF DAY	DEPTH FEET	22018 PU-239 SEDIMENT PCI/G	22019 PU-239 SEDIMENT ERRO	22200 BE-7 SEDIMENT PCI/G	22201 BE-7 SED-ERR PCI/G	22250 NA-22 SEDIMENT PCI/G	22251 NA-22 SED-ERR PCI/G	22300 K-40 SEDIMENT PCI/G	22301 K-40 SED-ERR PCI/G	22350 TL-208 SEDIMENT PCI/G	22351 TL-208 SED-ERR PCI/G
84/08/07	14 00								16.0	2.0	0.68	0.09

STORET RETRIEVAL DATE 85/05/01

476597
36 13 15.0 084 03 39.0 2
NORRIS RESERVOIR
47013 TENNESSEE CAMPBELL
CLINCH RIVER BASIN 040102
POWELL RIVER 6.0
132TVAC 840817
0000 FEET DEPTH CSN-RSP 0741136-0595453

/TYPA/AMONT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	22375 BI-212 SEDIMENT PCI/G	22376 BI-212 SED-ERR PCI/G	22377 BI-214 SEDIMENT PCI/G	22378 BI-214 SED-ERR PCI/G	22450 AM-241 SEDIMENT PCI/G	22451 AM-241 SEDIMENT ERRO	22475 CU-244 SEDMENT PCI/G	22476 CU-244 SEDIMENT ERRO	22507 TH-234 SEDIMENT PCI/G	22508 TH-234 SED-ERR PCI/G
84/08/07	14 00		2.4	0.8	1.70	0.20						

DATE FROM TO	TIME OF DAY	DEPTH FEET	22608 URANIUM SEDIMENT UG/G	22609 URANIUM SED-ERR UG/G	22612 U-235 SEDIMENT PCI/G	22613 U-235 SED-ERR PCI/G	22503 THORIUM/ URANIUM RATIO	22504 TH-ALPHA TOT WAT PC/L	27999 RU-106 SEDIMENT PCI/	28000 RU-106 SEDIMENT ERROR	28416 CS-134 SEDIMENT PCI/G	28417 CS-134 SED-ERR PCI/G
84/08/07	14 00		2.30	0.30								

DATE FROM TO	TIME OF DAY	DEPTH FEET	28418 CS-137 SEDIMENT PCI/G	28419 CS-137 SED-ERR PCI/G	29604 CO-60 SEDIMENT PCI/G	29605 CO-60 SED-ERR PCI/G	29650 EU-152 SEDIMENT PCI/G	29651 EU-152 SEDIMENT ERRO	29652 EU-154 SEDIMENT PCI/G	29653 EU-154 SEDIMENT ERRO	25503 AC-228 SEDIMENT PCI/G	25504 AC-228 SED-ERR PCI/G
84/08/07	14 00		0.7	0.1							1.8	0.2

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STORET RETRIEVAL DATE 85/04/12
 476567
36 19 16.0 084 00 39.0  2
NORRIS RESERVOIR
47013 TENNESSEE          CAMPBELL
CLINCH RIVER BASIN        040102
POWELL RIVER 6.0
132TVAC
        840817     DEPTH     0 DATA LOCKED AFTER 8405
/TYPA/AMBNT/STREAM
INDEX 1C21500  007720  00920  7930   3390
MILES 0953.80 0046.50 567.70 088.85 006.00    .     .     .     .     .     .     .
     INITIAL DATE                          84/08/07
     INITIAL TIME-DEPTH-BOTTOM             1400
34223 ANTHRACE  SEDUG/KG   DRY WGT        1400 L
34233 BENZBFLU  GRANTMUD  DRYUG/KG        1400 L
34245 BENZKFLU  SEDUG/KG   DRY WGT        1400 L
34250 BENZAPYR  SEDUG/KG   DRY WGT        1400 L
34276 B2CETETR  SEDUG/KG   DRY WGT        1400 L
34281 B2CETOXM  SEDUG/KG   DRY WGT        1400 L
34286 B2CIPETR  SEDUG/KG   DRY WGT        1400 L
34295 NBE PHTH  MLD-DRY     UG/KG         1400 L
34323 CHRYSENE  SEDUG/KG   DRY WGT        1400 L
34339 DETHPHTH  SEDUG/KG   DRY WGT        1400 L
34344 DMETPHTH  SEDUG/KG   DRY WGT        1400 L
34349 12DPHNHY  SEDUG/KG   DRY WGT        1400 L
34379 FLANTENE  SEDUG/KG   DRY WGT        1400 L
34384 FLUORENE  SEDUG/KG   DRY WGT        1400 L
34389 HEXCLCPD  SEDUG/KG   DRY WGT        1400 L
34399 HEXACLET  SEDUG/KG   DRY WGT        1400 L
34406 I123CDPR  SEDUG/KG   DRY WGT        1400 L
34411 ISPHRONE  SEDUG/KG   DRY WGT        1400 L
34431 NITCNPRA  SEDUG/KG   DRY WGT        1400 L
34436 NITRSDPA  SEDUG/KG   DRY WGT        1400 L
34441 NITRSDMA  SEDUG/KG   DRY WGT        1400 L
34445 NAPTHALE  SEDUG/KG   DRY WGT        1400 L
34450 NITROBEN  SEDUG/KG   DRY WGT        1400 L
34464 PHENANTH  SEDUG/KG   DRY WGT        1400 L
34472 PYRENE    SEDUG/KG   DRY WGT        1400 L
34524 B2GHIPER  SEDUG/KG   DRY WGT        1400 L
34529 BENZAANT  SEDUG/KG   DRY WGT        1400 L
34539 12DCLBEN  SEDUG/KG   DRY WGT        1400 L
34554 124TCBEN  SEDUG/KG   DRY WGT        1400 L
34559 DBAHANTH  SEDUG/KG   DRY WGT        1400 L
34569 13DCLBEN  SEDUG/KG   DRY WGT        1400 L
34574 14DCLBEN  SEDUG/KG   DRY WGT        1400 L
34584 2CLNAPTH  SEDUG/KG   DRY WGT        1400 L
34599 DIACCTPH  SEDUG/KG   DRY WGT        1400 L
34614 24DNTOLU  SEDUG/KG   DRY WGT        1400 L
34629 26DNTOLU  SEDUG/KG   DRY WGT        1400 L
34634 33DCBNZD  SEDUG/KG   DRY WGT        3500 L
34635 4BRPPETR  SEDUG/KG   DRY WGT        1400 L
34644 4CLPPETR  SEDUG/KG   DRY WGT        1400 L
39102 B2E PHTH  MLD-DRY     UG/KG         1400 L
39112 DNB PHTH  MLD-DRY     UG/KG         1400 L
39121 BENZIDIN  SEDUG/KG   DRY WGT        7000 L
39491 PCB-1221  SEDUG/KG   DRY WGT         130 L
39495 PCB-1232  SEDUG/KG   DRY WGT         100 L
39499 PCB-1242  SEDUG/KG   DRY WGT         100 L
(SAMPLE CONTINUED ON NEXT PAGE)
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STORET RETRIEVAL DATE 85/04/12
 476587
36 19 16.0 084 00 39.0  2
NORRIS RESERVOIR
47013 TENNESSEE          CAMPBELL
CLINCH RIVER BASIN        040102
POWELL RIVER 6.0
132TVAC
        840817     DEPTH     0 DATA LOCKED AFTER 8405
/TYPA/AMENT/STREAM
INDEX 1021500  007720  00920  7930   3390
MILES 0953.80 0046.50 567.70 088.85 006.00    .    .    .    .    .    .    .
(SAMPLE CONTINUED FROM PREVIOUS PAGE)
     INITIAL DATE                          84/08/07
     INITIAL TIME-DEPTH-BOTTOM             1400
39503 PCB-1248   SEDUG/KG   DRY WGT         100 L
39507 PCB-1254   SEDUG/KG   DRY WGT         100 L
39511 PCB-1260   SEDUG/KG   DRY WGT         100 L
39514 PCB-1016   SEDUG/KG   DRY WGT         100 L
39701 HCB        SEDUG/KG   DRY WGT        1400 L
39705 HEXCLBD    SEDUG/KG   DRY WGT        1400 L
```

APPENDIX II - TABLE 2

SURFACE LAYER, FINE-PARTICLE SEDIMENT -
OTHER ORGANIC ANALYSES RESULTS

Compound	East Fork Poplar Creek							
	Mile 14.36		Mile 14.36 Lab Duplicate		Mile 13.74		Mile 13.71	
	% P	µg/g	% P	µg/g	% P	µg/g	% P	µg/g
Benzenedicarboxylic acid bis(2-ethylhexyl)ester			93	1				
Butenoic acid, cyclohexyl			59	3				
Dimethyl pentene			74	1				
Eicosene			67	2				
Hexadecanoic acid	89	2	84	4				
Heptadecane	89	5	89	2				
Tetramethyl hexadecanol	93	5						
Octadecanol							64	1
Nonadecane	90	1						
Tetradecanoic acid	98	1	99	2				
Tetramethyl hexadecane			84	4				

Compound	East Fork Poplar Creek							
	Mile 13.66		Mile 13.66 Lab Duplicate		Mile 12.89		Mile 12.39	
	% P	µg/g	% P	µg/g	% P	µg/g	% P	µg/g
Benzenedicarboxylic acid bis(2-ethylhexyl)ester							89	1
Octadecanol			75	6				
Tetradecadiene	83	5						
Benzenedicanboxylic acid diethyl ester			96	2				

NOTE: All concentrations are estimated.

Compound	East Fork Poplar Creek							
	Mile 11.30		Mile 10.00		Mile 9.21		Mile 7.95	
	% P	μg/g	% P	μg/g	% P	μg/g	% P	μg/g
Hexadecanoic acid	83	2						

Compound	East Fork Poplar Creek							
	Mile 6.72		Mile 5.74		Mile 4.50		Mile 3.50	
	% P	μg/g	% P	μg/g	% P	μg/g	% P	μg/g
Benzenedicarboxylic acid bis(2-ethylhexyl)ester					93	2	89	2
Heptadecene							83	3
Hexadecene							97	1
Octadecenyloxy ethanol			87	16				
Tetramethyl hexadecanol							93	3
Tetradecanoic acid							78	2
Hexadecenoic acid							87	5

Compound	East Fork Poplar Creek					
	Mile 2.36		Mile 2.36 Lab Duplicate		Mile 1.20	
	% P	μg/g	% P	μg/g	% P	μg/g
Ethinyl methyl cyclohexanole	55	4				
Hexadecanoic acid					84	1
Nitrobenzenedicarboxylic acid					89	1
Pentadecenoic acid					83	1
Octadecanol			69	10		
Nonadecane	90	1				
Tetradecadiene			86	3		

NOTE: All concentrations are estimated.

Compound	Bear Creek							
	Mile 7.4		Mile 7.4 Lab Duplicate		Mile 2.8		Mile 0.55	
	% P	µg/g	% P	µg/g	% P	µg/g	% P	µg/g
NONE	NONE	DETECTED	NONE	DETECTED	NONE	DETECTED	NONE	DETECTED

	White Oak Creek									
	Mile 1.1		Mile 1.1 Lab Duplicate		Mile 1.0		Mile 0.6		Mile 0.3	
	% P	µg/g	% P	µg/g	% P	µg/g	% P	µg/g	% P	µg/g
Dihydro purinone	52	4	52	4	52	5	60	4	52	4
Hexadecanoic acid	93	1			85	2	83	1		
Ethinyl methyl cyclohexanole	67	13	67	14	67	8			70	2
Tetramethyl hexadecenol	81	2	83	12	83	6			55	1
Benzenedicarboxylic acid, bis(2-ethylhexyl) ester	93	7	93	6					93	6
Octacosane	89	1								
Heptacosane	88	1								
Octadecenol									83	2
Octadecenyloxy ethanol							93	2		
Nitrobenzenedicarboxylic acid					93	4	89	7		
Hexadecenoic acid					93	1				
Octadecanoic acid, butyl ester					74	3				
Octadecane					89	1				
Tritetracontane			89	2	89	2				
Cyclopentyl cyclopentyl-propyl dodecene			65	4						
Tetramethylbutyl phenoxylethoxy ethanol			64	2						
Docasane			89	1						
Benzenedicarboxylic acid, butylphenylmethyl ester			93	2						
Butoxy ethanol phosphate			70	3						
Eicosane			81	1						

NOTE: All concentrations are estimated.

Compound	Norris Reservoir					
	CRM 85.3		CRM 94.1		Powell River Mile 6.0	
	% P	µg/g	% P	µg/g	% P	µg/g
Tetramethyl hexadecane	56	87				
Methyl undecene			51	86	69	22

Compound	Poplar Creek					
	Mile 6.8		Mile 3.8		Mile 1.0	
	% P	µg/g	% P	µg/g	% P	µg/g
2-9-Octadecen-1-ol			89	3	83	8
1,13-Tetradecadiene	93	4	83	9	78	3

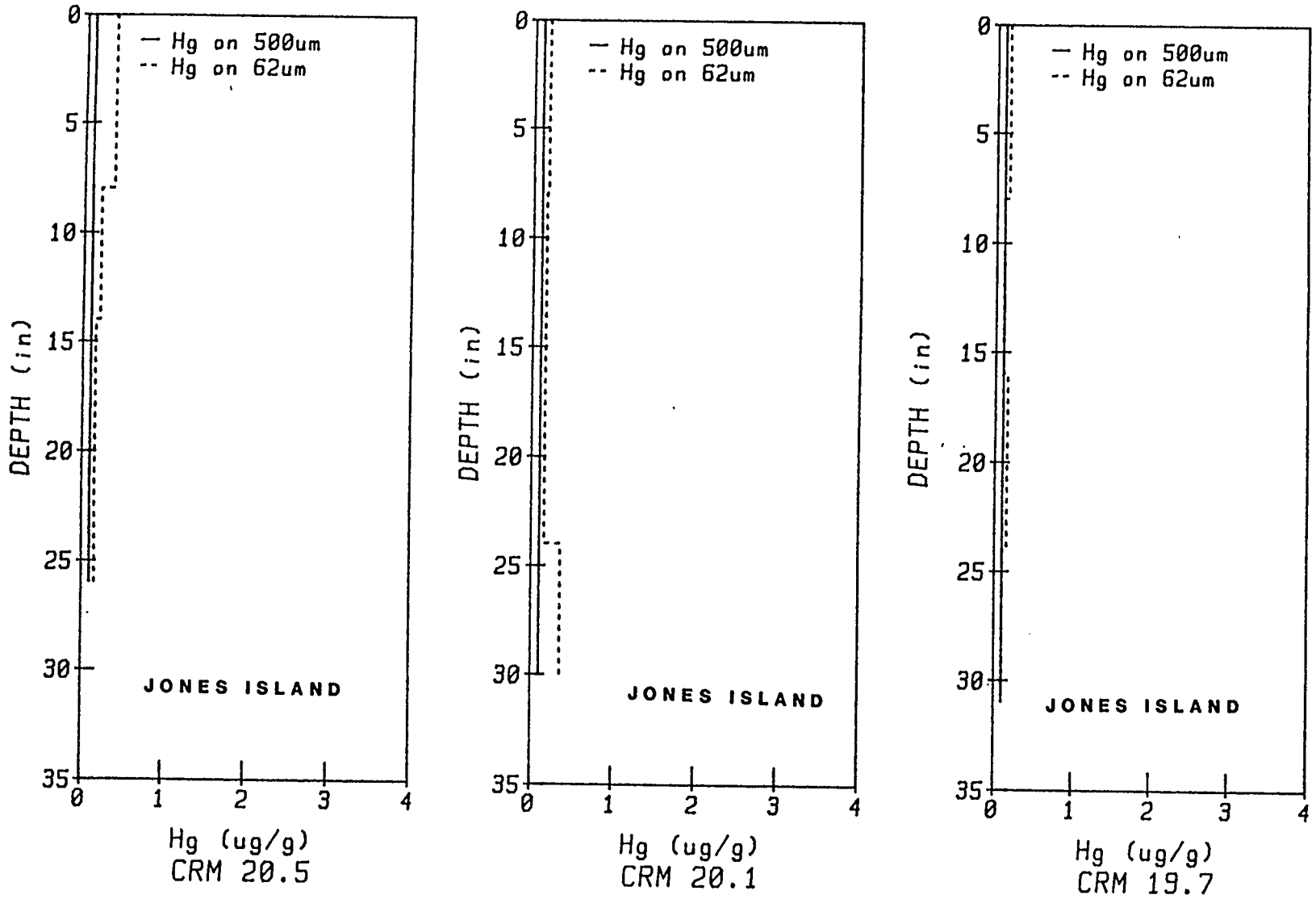
Compound	Clinch River									
	Mile 24.0		Mile 18.3		Mile 15.6		Mile 10.0		Mile 3.7	
	% P	µg/g	% P	µg/g	% P	µg/g	% P	µg/g	% P	µg/g
2,9-Octadecen-1-ol			79	8			87	3		
Ethanol, 2(9-Octadecenyloxy)					86	5				
1,13-Tetradecadiene					83	2			83	4
9-Octadecyne							72	9		
Oxacycloheptadec 8-en-2-one									70	1

NOTE: All concentrations are estimated

APPENDIX III

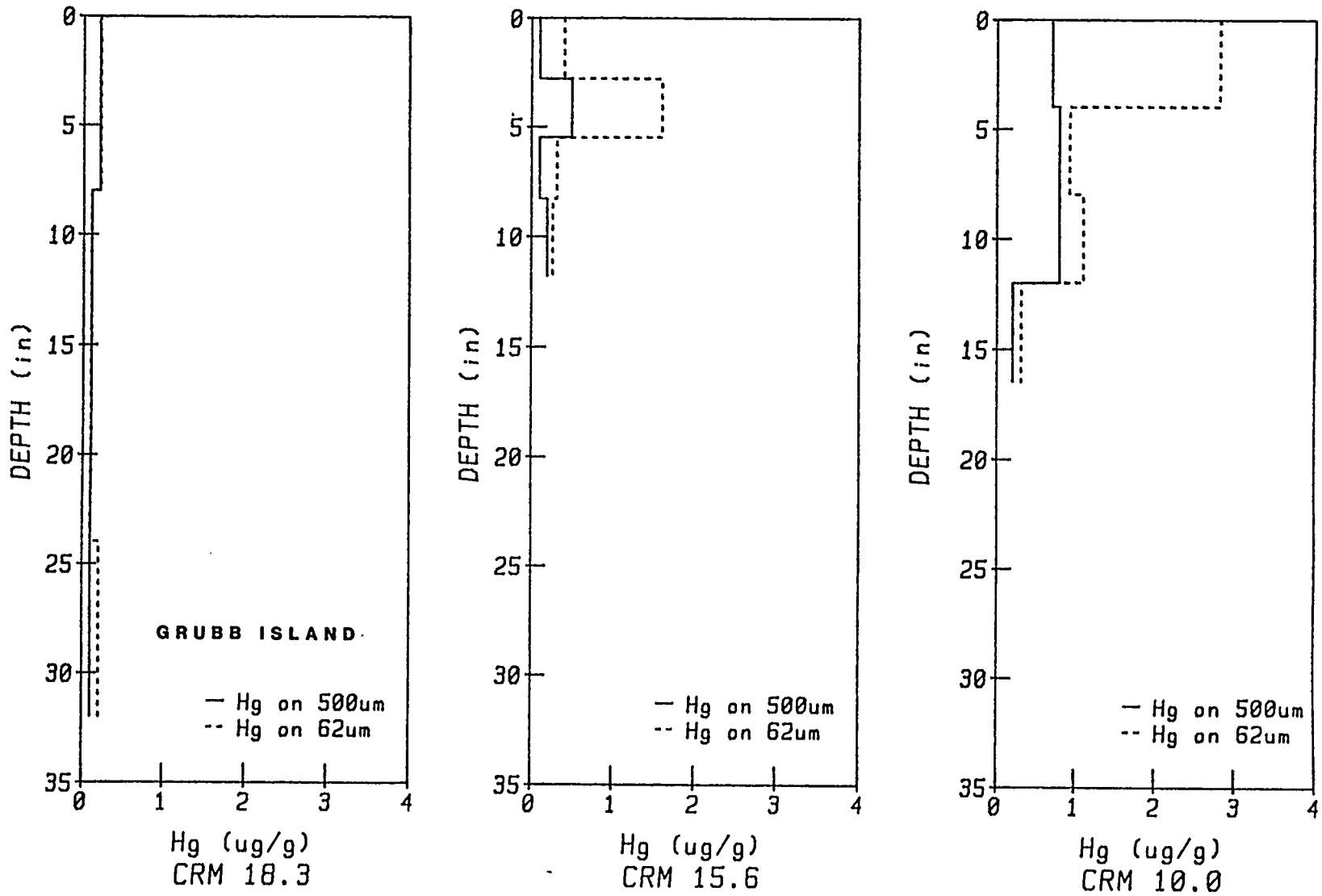
INSTREAM CONTAMINANT STUDY - TASK 2

CLINCH RIVER CORE SAMPLING RESULTS



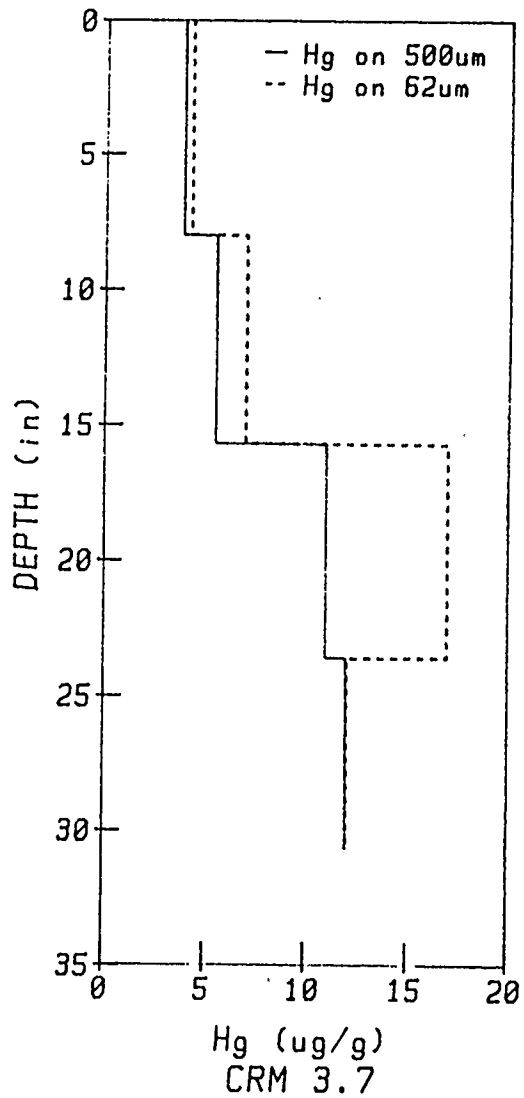
WSDB: 3/18/85

FIGURE 1
MERCURY CONCENTRATIONS VS. DEPTH
CLINCH RIVER CORE SAMPLING



WSDB: 3/14/85

FIGURE 1
MERCURY CONCENTRATIONS VS. DEPTH
CLINCH RIVER CORE SAMPLING



WSDB: 3/14/85

FIGURE 1
MERCURY CONCENTRATIONS VS. DEPTH
CLINCH RIVER CORE SAMPLING

APPENDIX III - TABLE 1

CLINCH RIVER CORE SAMPLING - MERCURY, PHYSICAL, AND RADIOLOGICAL ANALYSES RESULTS

STORET RETRIEVAL DATE 85/04/11

476576
35 53 25.0 084 30 12.0 2
WATTS BAR RESERVOIR
47145 TENNESSEE ROANE
TENNESSEE RIVER BASIN 040101
CLINCH RIVER 3.7
132TVAC 840720
0000 FEET DEPTH CSN-RSP 0738623-0695438

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	00002 HSAMPLOC % FROM RT BANK	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71921 MERCURY SEDMG/KG DRY WGT	71922 MERCURY LT 63 U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG
84/07/10	13 30		1518	F8	0.1	3.9	60	34.3	2.33	2.80		
	14 00		4052957R	1	0.1	5.9	60					
	14 02		4052965R	2	6.0	11.8	60					
	14 04		4052973R	3	11.9	17.7	60					
	14 06		4052981R	4	17.8	23.6	60					
	14 08		4052999R	5	23.7	30.3	60					
	14 00											
CP(S)-			4073292R									
84/07/10	14 08											
	14 30		1473	A	0.1	7.9	60	43.6	2.41		3.80A	3.60A
	14 31		1477	AD	0.1S	7.9S	60D	43.5	2.26		4.70A	4.00A
	14 32		1474	B	8.0	15.7	60				7.00	5.50
	14 34		1475	C	15.8	23.6	60				17.00	11.00
	14 36		1476	D	23.7	30.7	60				12.00	12.00

DATE FROM TO	TIME OF DAY	DEPTH FEET	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.50CMM	80208 TOT SED SIEVE %<2.00MM	01029 CHROMIUM SEDMG/KG DRY WGT	39514 PCB-1016 SEDUG/KG DRY WGT	39491 PCB-1221 SEDUG/KG DRY WGT	39495 PCB-1232 SEDUG/KG DRY WGT	39499 PCB-1242 SEDUG/KG DRY WGT	39503 PCB-1248 SEDUG/KG DRY WGT
84/07/10	13 30		93.2				25	100.0U	100.0U	100.0U	100.0U	100.0U
	14 30		43.1		99.4	99.8						
	14 31		41.5		88.4	99.8						
	14 32		65.6		91.1	98.3						
	14 34		86.7		92.9	100.0						
	14 35		37.1		92.8	99.8						

DATE FROM TO	TIME OF DAY	DEPTH FEET	39507 PCB-1254 SEDUG/KG DRY WGT	39511 PCB-1260 SEDUG/KG DRY WGT
84/07/10	13 30		100.0U	100.0U

STORET RETRIEVAL DATE 85/05/21

475575
35 33 26.0 084 33 12.0 3
WATTS BAR RESERVOIR
47145 TENNESSEE ROANE
TENNESSEE RIVER BASIN 040101
CLINCH RIVER 3.7
132TVAC 840720
0001 FEET DEPTH CSN-RSP 0738623-0695438

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	22019 PU-239 SEDIMENT PCI/G	22019 PU-239 SEDIMENT ERRO	22200 BE-7 SEDIMENT PCI/G	22201 BE-7 SED-ERR PCI/G	22250 NA-22 SEDIMENT PCI/G	22251 NA-22 SED-ERR PCI/G	22300 K-40 SEDIMENT PCI/G	22301 K-40 SED-ERR PCI/G	22350 TL-208 SEDIMENT PCI/G	22351 TL-208 SED-ERR PCI/G
84/07/10	13 30		0.079	0.010	2.00	0.60			20.0	2.0	0.55	0.08
	14 00		0.070	0.020								
	14 09											
CP(S)- 84/07/10	14 08								20.0	2.0	0.47	0.05

DATE FROM TO	TIME OF DAY	DEPTH FEET	22375 BI-212 SEDIMENT PCI/G	22376 BI-212 SED-ERR PCI/G	22377 BI-214 SEDIMENT PCI/G	22378 BI-214 SED-ERR PCI/G	22450 AM-241 SEDIMENT PCI/G	22451 AM-241 SEDIMENT ERRO	22475 CU-244 SEDIMENT PCI/G	22476 CU-244 SEDIMENT ERRO	22507 TH-234 SEDIMENT PCI/G	22508 TH-234 SED-ERR PCI/G
84/07/10	13 30		1.8	0.6	1.30	0.20	0.090	0.020			3.0	1.0
	14 00						0.260	0.050	0.0400	0.0100		
	14 00											
CP(S)- 84/07/10	14 08				1.40	0.10	0.500	0.100			3.5	0.7

DATE FROM TO	TIME OF DAY	DEPTH FEET	22608 URANIUM SEDIMENT UG/G	22609 URANIUM SED-ERR UG/G	22612 U-235 SEDIMENT PCI/G	22613 U-235 SED-ERR PCI/G	22503 THORIUM/ URANIUM RATIO	22504 TH-ALPHA TOT WAT PC/L	27999 RU-106 SEDIMENT PCI/	28000 RU-106 SEDIMENT ERROR	28416 CS-134 SEDIMENT PCI/G	28417 CS-134 SED-ERR PCI/G
84/07/10	13 30		7.00	2.00								
	14 00											
CP(S)- 84/07/10	14 08		5.10	0.40								

DATE FROM TO	TIME OF DAY	DEPTH FEET	28418 CS-137 SEDIMENT PCI/G	28419 CS-137 SED-ERR PCI/G	29604 CO-60 SEDIMENT PCI/G	29605 CO-60 SED-ERR PCI/G	29650 EU-152 SEDIMENT PCI/G	29651 EU-152 SEDIMENT ERRO	29652 EU-154 SEDIMENT PCI/G	29653 EU-154 SEDIMENT ERRO	25503 AC-228 SEDIMENT PCI/G	25504 AC-228 SED-ERR PCI/G
84/07/10	13 30		19.0	1.0	1.900	0.200					1.4	0.3
	14 00											
CP(S)- 84/07/10	14 08		42.0	3.0	1.600	0.100					1.5	0.2

STORET RETRIEVAL DATE 85/04/12

476576
35 53 25.0 084 30 12.0 2
WATTS BAR RESERVOIR
47145 TENNESSEE ROANE
TENNESSEE RIVER BASIN 040101
CLINCH RIVER 3.7
132TVAC 840720
0000 FEET DEPTH CSN-RSP 0738623-0695438

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	01507 ALPHA SEDIMENT PC/G	01508 ALPHA SED-ERR PC/G	03507 BETA SEDIMENT PC/G	03508 BETA SED-ERR PC/G	09507 RA-226 SEDIMENT PC/G	09508 RA-226 SED-ERR PC/G
84/07/10	13 30		1518	F8	0.1	3.9	11.0	3.0	70	10		
	14 00		4052957R	1	0.1	5.9	12.0	4.0	69	14		
	14 02		4052965R	2	6.0	11.8	11.0	3.0	70	14		
	14 04		4052973R	3	11.9	17.7	9.0	3.0	81	16		
	14 06		4052981R	4	17.8	23.6	14.0	4.0	103	20		
	14 08		4052999R	5	23.7	30.3	13.0	4.0	111	22		
	14 00											
CP(S)-			4073292R									
84/07/10	14 08											
	14 30		1473	A	0.1	7.9						
	14 31		1477	AD	0.1S	7.9S						
	14 32		1474	B	8.0	15.7						
	14 34		1475	C	15.8	23.6						
	14 36		1476	D	23.7	30.7						

DATE FROM TO	TIME OF DAY	DEPTH FEET	11506 RA-224 SEDIMENT PCI/G	11507 RA-224 SED-ERR PCI/G	11508 RA-223 SEDIMENT PCI/G	11509 RA-223 SEDIMENT ERROR	15505 SR-89 SEDIMENT PCI/G	15506 SR-89 SED-ERR PCI/G	15507 SR-90 SEDIMENT PCI/G	15508 SR-90 SED-ERR PCI/G	17509 PB-212 SEDIMENT PCI/G	17510 PB-212 SED-ERR PCI/G
84/07/10	13 30						0.3	0.3	0.1	0.1	1.50	0.20
	14 00											
CP(S)-							1.0	1.0	0.1	0.1	1.50	0.20
84/07/10	14 08											

DATE FROM TO	TIME OF DAY	DEPTH FEET	17511 PB-214 SEDIMENT PCI/G	17512 PB-214 SED-ERR PCI/G	21503 PA-233 SEDIMENT PCI/G	21504 PA-233 SED-ERR PCI/G	21505 MPA-234 SEDIMENT PCI/G	21506 MPA-234 SED-ERR PCI/G	21509 PA-234 SEDIMENT PCI/G	21509 PA-234 SEDIMENT ERROR	22015 PU-238 SEDIMENT PCI/G	22017 PU-238 SEDIMENT ERRO
84/07/10	13 30		1.50	0.20							0.0040	0.0010
	14 00										0.0100	0.0050
CP(S)-			1.50	0.10								
84/07/10	14 08											

STORET RETRIEVAL DATE 85/04/11

476519
35 55 16.0 084 26 05.0 2
WATTS BAR RESERVOIR
47145 TENNESSEE ROANE
TENNESSEE RIVER BASIN 040101
CLINCH RIVER 10.0
132TVAC 840601
0000 FEET DEPTH CSN-RSP 0735379-0695346

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	00002 HSAMPLOC % FROM RT BANK	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71921 MERCURY SEDMG/KG DRY WGT	71922 MERCURY LT 63 U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG
84/05/31	12 00	0001		OK9								
84/07/12	09 20		1517	F7			10	26.1	2.52	0.33		
	09 54		1507	A	0.1	3.9	10	27.3	2.54		2.80A	0.70A
	09 56		1508	B	4.0	7.9	10				0.92	0.77
	09 57		1509	C	8.0	11.8	10				1.10	0.82
	09 58		1510	D	11.9	16.5	10				0.31	0.16
	10 05		4054615R	1	0.1	5.9	10					
	10 07		4054623R	2	6.0	11.8	10					
	10 05											
CP(S)-			4073375R									
84/07/12	10 07											

DATE FROM TO	TIME OF DAY	DEPTH FEET	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	01029 CHROMIUM SEDMG/KG DRY WGT	39514 PCB-1016 SEDUG/KG DRY WGT	39491 PCB-1221 SEDUG/KG DRY WGT	39495 PCB-1232 SEDUG/KG DRY WGT	39499 PCB-1242 SEDUG/KG DRY WGT	39503 PCB-1248 SEDUG/KG DRY WGT
84/07/12	09 20		17.7				9	100.0U	100.0U	100.0U	100.0U	100.0U
	09 54		11.5		99.4	100.0						
	09 56		77.2		99.0	100.0						
	09 57		95.8		99.2	100.0						
	09 58		94.3		97.5	100.0						

DATE FROM TO	TIME OF DAY	DEPTH FEET	39507 PCB-1254 SEDUG/KG DRY WGT	39511 PCB-1260 SEDUG/KG DRY WGT
84/07/12	09 20		100.0U	100.0U

STORET RETRIEVAL DATE 85/04/12

476519
35 55 16.0 084 25 05.0 2
WATTS BAR RESERVOIR
47145 TENNESSEE ROANE
TENNESSEE RIVER BASIN 06010
CLINCH RIVER 10.0
132TVAC 840601
0000 FEET DEPTH CSN-RSP 0735379-0635546

/TYFA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	01507 ALPHA SEDIMENT PC/G	01508 ALPHA SED-ERR PC/G	03507 BETA SEDIMENT PC/G	03508 BETA SED-ERR PC/G	09507 RA-226 SEDIMENT PC/G	09508 RA-226 SED-ERR PC/G
84/05/31	12 00	0001		OK9								
84/07/12	09 20		1517	F7			0.7	0.4	16	3	0.47	0.06
	09 54		1507	A	0.1	3.9						
	09 56		1508	B	4.0	7.9						
	09 57		1509	C	8.0	11.8						
	09 58		1510	D	11.9	16.5						
	10 05		4054615R	1	0.1	5.9	6.0	2.0	37	8		
	10 07		4054623R	2	6.0	11.8	10.0	3.0	56	11		
	10 05											
CP(S)-			4073375R									
84/07/12	10 07											

DATE FROM TO	TIME OF DAY	DEPTH FEET	11506 RA-224 SEDIMENT PCI/G	11507 RA-224 SED-ERR PCI/G	11508 RA-223 SEDIMENT PCI/G	11509 RA-223 SEDIMENT ERROR	15505 SR-89 SEDIMENT PCI/G	15506 SR-89 SED-ERR PCI/G	15507 SR-90 SEDIMENT PCI/G	15508 SR-90 SED-ERR PCI/G	17509 PB-212 SEDIMENT PCI/G	17510 PB-212 SED-ERR PCI/G
84/07/12	09 20		0.40	0.10			0.2	0.3	0.0	0.1	0.46	0.05
	10 05											
CP(S)-							2.0	1.0	0.1M	0.1	1.10	0.20
84/07/12	10 07											

DATE FROM TO	TIME OF DAY	DEPTH FEET	17511 PB-214 SEDIMENT PCI/G	17512 PB-214 SED-ERR PCI/G	21503 PA-233 SEDIMENT PCI/G	21504 PA-233 SED-ERR PCI/G	21505 MPA-234 SEDIMENT PCI/G	21506 MPA-234 SED-ERR PCI/G	21508 PA-234 SEDIMENT PCI/G	21509 PA-234 SEDIMENT ERROR	22015 PU-238 SEDIMENT PCI/G	22017 PU-238 SEDIMENT ERRO
84/07/12	09 20		0.53	0.05							0.0040	0.0010
	10 05											
CP(S)-			1.30	0.20								
84/07/12	10 07											

STORET RETRIEVAL DATE 85/03/01

476519
35 55 15.0 084 25 05.0 2
WATTS BAR RESERVOIR
47145 TENNESSEE ROANE
TENNESSEE RIVER BASIN 040101
CLINCH RIVER 10.0
132TVAC 840601
0002 FEET DEPTH CSN-RSP 0735379-0595346

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	22010 PU-239 SEDIMENT PCI/G	22019 PU-239 SEDIMENT ERRO	22200 BE-7 SEDIMENT PCI/G	22201 BE-7 SED-ERR PCI/G	22250 NA-22 SEDIMENT PCI/G	22251 NA-22 SED-ERR PCI/G	22300 K-40 SEDIMENT PCI/G	22301 K-40 SED-ERR PCI/G	22350 TL-208 SEDIMENT PCI/G	22351 TL-208 SED-ERR PCI/G
84/07/12	09 20		0.031	0.005	0.14	0.08	0.012	0.004	5.9	0.6	0.16	0.02
	10 05		0.012	0.004								
	10 05											
CP(S)- 84/07/12	10 07								17.0	3.0	0.30	0.10

DATE FROM TO	TIME OF DAY	DEPTH FEET	22375 BI-212 SEDIMENT PCI/G	22376 BI-212 SED-ERR PCI/G	22377 BI-214 SEDIMENT PCI/G	22378 BI-214 SED-ERR PCI/G	22450 AM-241 SEDIMENT PCI/G	22451 AM-241 SEDIMENT ERRO	22475 CU-244 SEDMENT ERRO	22476 CU-244 SEDIMENT ERRO	22507 TH-234 SEDIMENT PCI/G	22508 TH-234 SED-ERR PCI/G
84/07/12	09 20		0.5	0.1	0.47	0.06	0.030	0.010	0.0210	0.0080	1.2	0.3
	10 05						0.016	0.007	0.0210	0.0080		
	10 05											
CP(S)- 84/07/12	10 07				1.20	0.20					4.0	1.0

DATE FROM TO	TIME OF DAY	DEPTH FEET	22608 URANIUM SEDIMENT UG/G	22609 URANIUM SED-ERR UG/G	22612 U-235 SEDIMENT PCI/G	22613 U-235 SED-ERR PCI/G	22503 THORIUM/ URANIUM RATIO	22504 TH-ALPHA TOT WAT PC/L	27999 RU-106 SEDIMENT PCI/	28000 RU-106 SEDIMENT ERROR	28416 CS-134 SEDIMENT PCI/G	28417 CS-134 SED-ERR PCI/G
84/07/12	09 20		1.30	0.30								
	10 05											
CP(S)- 84/07/12	10 07		2.20	0.40								

DATE FROM TO	TIME OF DAY	DEPTH FEET	28418 CS-137 SEDIMENT PCI/G	28419 CS-137 SED-ERR PCI/G	29604 CO-60 SEDIMENT PCI/G	29605 CO-60 SED-ERR PCI/G	29650 EU-152 SEDIMENT PCI/G	29651 EU-152 SEDIMENT ERRO	29652 EU-154 SEDIMENT PCI/G	29653 EU-154 SEDIMENT ERRO	25503 AC-228 SEDIMENT PCI/G	25504 AC-228 SED-ERR PCI/G
84/07/12	09 20		5.6	0.4	0.630	0.070					0.5	0.1
	10 05											
CP(S)- 84/07/12	10 07		4.6	0.5	0.300	0.100					1.1	0.4

STORET RETRIEVAL DATE 85/04/11

476577
35 53 32.0 084 23 25.0 2
WATTS BAR RESERVOIR
47145 TENNESSEE ROANE
TENNESSEE RIVER BASIN 040101
CLINCH RIVER 15.6
132TVAC 840720
0000 FEET DEPTH CSN-RSP 0738624-0695440

/TYPA/AMENT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	00002 HSAMPLOC % FROM RT BANK	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71921 MERCURY SEDMG/KG DRY WGT	71922 MERCURY LT 63 U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG
84/07/12	14	25	1516	F6			5	24.8	2.28	0.10U		
	14	27	4054581R	F6X			50					
	14	29	1511	A	0.1	2.8	5	29.6	2.49		0.30A	0.10U
	14	30	1515	AD	0.1S	2.8S	5D	29.4	2.52		0.45A	0.15A
	14	31	1512	B	2.9	5.5	5				1.60	0.46
	14	32	1513	C	5.6	8.3	5				0.31	0.10U
	14	33	1514	D	8.4	11.8	5				0.26	0.16
	14	40	4054599R	1	0.1	5.9	5					
	14	42	4054607R	2	6.0	11.8	5					
	14	40										
CP(S)-			4073367R									
84/07/12	14	42										

DATE FROM TO	TIME OF DAY	DEPTH FEET	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	01029 CHROMIUM SEDMG/KG DRY WGT	39514 PCB-1016 SEDUG/KG DRY WGT	39491 PCB-1221 SEDUG/KG DRY WGT	39495 PCB-1232 SEDUG/KG DRY WGT	39499 PCB-1242 SEDUG/KG DRY WGT	39503 PCB-1248 SEDUG/KG DRY WGT
84/07/12	14	25	21.7				14	100.0U	100.0U	100.0U	100.0U	100.0U
	14	29	29.0		94.2	100.0						
	14	30	19.5		95.4	99.6						
	14	31	50.7		93.3	100.0						
	14	32	20.4		92.8	99.8						
	14	33	39.5		87.9	100.0						

DATE FROM TO	TIME OF DAY	DEPTH FEET	39507 PCB-1254 SEDUG/KG DRY WGT	39511 PCB-1260 SEDUG/KG DRY WGT
84/07/12	14	25	100.0U	100.0U

STORET RETRIEVAL DATE 85/04/12

476577
35 53 32.0 084 23 25.0 2
WATTS BAR RESERVOIR
47145 TENNESSEE ROANE
TENNESSEE RIVER BASIN 040101
CLINCH RIVER 15.6
132TVAC 840720
0000 FEET DEPTH CSN-RSP 0738624-0695440

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	01507 ALPHA SEDIMENT PC/G	01508 ALPHA SED-ERR PC/G	03507 BETA SEDIMENT PC/G	03508 BETA SED-ERR PC/G	09507 RA-226 SEDIMENT PC/G	09508 RA-226 SED-ERR PC/G
84/07/12	14	25	1516	F6			4.0	2.0	22	5	0.60	0.05
	14	27	4054581R	F6X			3.0	2.0	12	3	0.42	0.05
	14	29	1511	A	0.1	2.8						
	14	30	1515	AD	0.1S	2.8S						
	14	31	1512	B	2.9	5.5						
	14	32	1513	C	5.6	8.3						
	14	33	1514	D	8.4	11.8						
	14	40	4054599R	1	0.1	5.9	6.0	2.0	31	6		
	14	42	4054607R	2	6.0	11.8	12.0	4.0	48	10		
	14	40										
CP(S)-			4073367R									
84/07/12	14	42										

DATE FROM TO	TIME OF DAY	DEPTH FEET	11505 RA-224 SEDIMENT PCI/G	11507 RA-224 SED-ERR PCI/G	11508 RA-223 SEDIMENT PCI/G	11509 RA-223 SEDIMENT ERROR	15505 SR-89 SEDIMENT PCI/G	15506 SR-89 SED-ERR PCI/G	15507 SR-90 SEDIMENT PCI/G	15508 SR-90 SED-ERR PCI/G	17509 PB-212 SEDIMENT PCI/G	17510 PB-212 SED-ERR PCI/G
84/07/12	14	25	0.60	0.10			0.4	0.3	0.0	0.1	0.54	0.05
	14	27					0.3	0.3	0.1	0.1	0.39	0.05
	14	40										
CP(S)-							0.1	0.9	0.1	0.1	0.80	0.20
84/07/12	14	42										

DATE FROM TO	TIME OF DAY	DEPTH FEET	17511 PB-214 SEDIMENT PCI/G	17512 PB-214 SED-ERR PCI/G	21503 PA-233 SEDIMENT PCI/G	21504 PA-233 SED-ERR PCI/G	21505 MPA-234 SEDIMENT PCI/G	21506 MPA-234 SED-ERR PCI/G	21508 PA-234 SEDIMENT PCI/G	21509 PA-234 SEDIMENT ERROR	22015 PU-238 SEDIMENT PCI/G	22017 PU-238 SEDIMENT ERRO
84/07/12	14	25	0.67	0.06			1.3	0.6				
	14	27	0.47	0.04								
	14	40										
CP(S)-			1.90	0.20								
84/07/12	14	42										

STORET RETRIEVAL DATE 85/05/31

476577
35 53 32.0 084 23 25.0 2
WATTS BAR RESERVOIR
47143 TENNESSEE ROANE
TENNESSEE RIVER BASIN 040101
CLINCH RIVER 15.6
132TVAC 840720
0000 FEET DEPTH CSN-RSP 0738624-0695340

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	22019 PU-239 SEDIMENT PCI/G	22019 PU-239 SEDIMENT ERRO	22202 BE-7 SEDIMENT PCI/G	22201 BE-7 SED-ERR PCI/G	22250 NA-22 SEDIMENT PCI/G	22251 NA-22 SED-ERR PCI/G	22300 K-40 SEDIMENT PCI/G	22301 K-40 SED-ERR PCI/G	22350 TL-208 SEDIMENT PCI/G	22351 TL-208 SED-ERR PCI/G
84/07/12	14	25							8.4	0.8	0.18	0.02
	14	27							3.3	0.4	0.13	0.02
	14	40										
CP(S)-									14.0	3.0	0.20	0.10
84/07/12	14	42										

DATE FROM TO	TIME OF DAY	DEPTH FEET	22375 BI-212 SEDIMENT PCI/G	22376 BI-212 SED-ERR PCI/G	22377 BI-214 SEDIMENT PCI/G	22378 BI-214 SED-ERR PCI/G	22450 AM-241 SEDIMENT PCI/G	22451 AM-241 SEDIMENT ERRO	22475 CU-244 SEDMENT PCI/G	22476 CU-244 SEDIMENT ERRO	22507 TH-234 SEDIMENT PCI/G	22508 TH-234 SED-ERR PCI/G
84/07/12	14	25	0.7	0.1	0.60	0.05					1.1	0.3
	14	27	0.4	0.1	0.42	0.05						
	14	40										
CP(S)-			2.4	0.6	1.10	0.20					4.0	1.0
84/07/12	14	42										

DATE FROM TO	TIME OF DAY	DEPTH FEET	22608 URANIUM SEDIMENT UG/G	22609 URANIUM SED-ERR UG/G	22612 U-235 SEDIMENT PCI/G	22613 U-235 SED-ERR PCI/G	22503 THORIUM/ URANIUM RATIO	22504 TH-ALPHA TOT WAT PC/L	27999 RU-106 SEDIMENT PCI/	28000 RU-106 SEDIMENT ERROR	28416 CS-134 SEDIMENT PCI/G	28417 CS-134 SED-ERR PCI/G
84/07/12	14	25	1.70	0.30								
	14	27	0.80	0.30								
	14	40										
CP(S)-			1.90	0.20								
84/07/12	14	42										

STORET RETRIEVAL DATE 85/03/21

476577 S
35 55 32.0 084 23 25.0 2
WATTS BAR RESERVOIR
47143 TENNESSEE ROANE
TENNESSEE RIVER BASIN 040101
CLINCH RIVER 15.6
132TVAC 840720
0000 FEET DEPTH CSN-RSP 0738624-0695440

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	28418 CS-137 SEDIMENT PCI/G	28419 CS-137 SED-ERR PCI/G	29604 CO-60 SEDIMENT PCI/G	29605 CO-60 SED-ERR PCI/G	29650 EU-152 SEDIMENT PCI/G	29651 EU-152 SEDIMENT ERRO	29652 EU-154 SEDIMENT PCI/G	29653 EU-154 SEDIMENT ERRO	25503 AC-228 SEDIMENT PCI/G	25504 AC-228 SED-ERR PCI/G
84/07/12	14 25		0.5	0.1	0.090	0.010					0.6	0.1
	14 27		1.1	0.1	0.370	0.030					0.5	0.1
	14 40											
CP(S)-											1.0	0.3
84/07/12	14 42											

DATE FROM TO	TIME OF DAY	DEPTH FEET	28418 CS-137 SEDIMENT PCI/G	28419 CS-137 SED-ERR PCI/G	29604 CO-60 SEDIMENT PCI/G	29605 CO-60 SED-ERR PCI/G	29650 EU-152 SEDIMENT PCI/G	29651 EU-152 SEDIMENT ERRO	29652 EU-154 SEDIMENT PCI/G	29653 EU-154 SEDIMENT ERRO
84/07/12	14 25				0.090	0.010				
	14 27				0.370	0.030				

SHORET RETRIEVAL CST 11/04/10

/TIPA/AMPNT/LNF/SCLICS/SHCOIL/COLLUT

4700355R
35 53 57.0 084 22 17.0 2
12 YARDS FROM LEFT BK ON GRUPR ISLAND LK DS
47145 TENNESSEE ROANE
TENNESSEE RIVER BASIN 04C101
CLINCH R. 18.3 FLOODPLAIN SAMPLE CR-33
172TVAC 841[illegible]
0000 FEET DEPTH CSN-RSP 0745675-0695242

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/CM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/07/27	12 10		2321	A	1.0	8.0	22.6	2.24	0.21A		0.20A	
	12 15		2322	B	9.0	16.0			0.10		0.10U	
	12 20		2323	C	17.0	24.0			0.10		0.10U	
	12 25		2324	D	25.0	32.0			0.21		0.10U	
	12 30		4059077R	1	1.0	8.0						
	12 35		4059085R	2	9.0	14.0						
	12 40		4059093R	3	15.0	20.0						
	12 45		4059101R	4	21.0	26.0						
	12 50		4059119R	5	27.0	30.0						
	12 30											
CP(S)-			4073342R									
84/07/27	12 50											

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/07/27	12 10				20.3		91.7	97.9	
	12 15				70.8		97.3	100.0	
	12 20				63.8		96.4	100.0	
	12 25				72.4		96.6	100.0	

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	01507 ALPHA SEDIMENT PC/G	01508 ALPHA SED-ERR PC/G	03507 BETA SEDIMENT PC/G	03508 BETA SED-ERR PC/G	15505 SR-89 SEDIMENT PCI/G	15506 SR-89 SED-ERR PCI/G
84/07/27	12 10		2321	A	1.0	8.0						
	12 15		2322	B	9.0	16.0						
	12 20		2323	C	17.0	24.0						
	12 25		2324	D	25.0	32.0						
	12 30		4059077R	1	1.0	8.0	5.0	2.0	29.0	6.0		
	12 35		4059085R	2	9.0	14.0	6.0	3.0	34.0	7.0		
	12 40		4059093R	3	15.0	20.0	9.0	3.0	43.0	9.0		
	12 45		4059101R	4	21.0	26.0	8.0	3.0	51.0	10.0		
	12 50		4059119R	5	21.0	30.0	9.0	3.0	54.0	11.0		
	12 [illegible]											
CP(S)-			4073342R								0.2	0.7
84/07/27 [illegible]												

STORET RETRIEVAL DATE 85/04/10

470035FP
35 53 57.0 084 22 17.0 2
10 YARDS FROM LEFT BK ON GRUBB ISLAND LK DS
47145 TENNESSEE ROANE
TENNESSEE RIVER BASIN 040101
CLINCH R. 18.3 FLOODPLAIN SAMPLE CR-33
132TVAC 841020
0000 FEET DEPTH CSN-RSP 0745675-0695242

/TYPA/APENT/LNC/SOLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	15507 SR-90 SEDIMENT PCI/G	15508 SR-90 SED-ERR PCI/G	17509 PB-212 SEDIMENT PCI/G	17510 PB-212 SED-ERR PCI/G	17511 PB-214 SEDIMENT PCI/G	17512 PB-214 SED-ERR PCI/G	22300 K-40 SEDIMENT PCI/G	22301 K-40 SED-ERR PCI/G	22350 TL-208 SEDIMENT PCI/G	22351 TL-208 SED-ERR PCI/G
84/07/27	12 30											
CP(S)-			0.1	0.1	0.84	0.08	1.00	0.10	13.0	2.0	0.31	0.04
84/07/27	12 50											

DATE FROM TO	TIME OF DAY	DEPTH FEET	22375 BI-212 SEDIMENT PCI/G	22376 BI-212 SED-ERR PCI/G	22377 BI-214 SEDIMENT PCI/G	22378 BI-214 SED-ERR PCI/G	22507 TH-234 SEDIMENT PCI/G	22508 TH-234 SED-ERR PCI/G	22608 URANIUM SEDIMENT UG/G	22609 URANIUM SED-ERR UG/G	22612 U-235 SEDIMENT PCI/G	22613 U-235 SED-ERR PCI/G
84/07/27	12 30											
CP(S)-			0.9	0.2	0.90	0.10	1.4	0.3	1.3	0.4		
84/07/27	12 50											

DATE FROM TO	TIME OF DAY	DEPTH FEET	25503 AC-228 SEDIMENT PCI/G	25504 AC-228 SED-ERR PCI/G	28418 CS-137 SEDIMENT PCI/G	28419 CS-137 SED-ERR PCI/G	21505 MPA-234 SEDIMENT PCI/G	21506 MPA-234 SED-ERR PCI/G	22450 AM-241 SEDIMENT PCI/G	22451 AM-241 SEDIMENT ERRO	22475 CU-244 SEDMENT PCI/G	22476 CU-244 SEDIMENT ERRO
84/07/27	12 30								0.020	0.009	0.004	0.004
	12 30											
CP(S)-			0.80	0.10	3.20	0.30						
84/07/27	12 50											

DATE FROM TO	TIME OF DAY	DEPTH FEET	09507 RA-226 SEDIMENT PC/G	09508 RA-226 SED-ERR PC/G	11506 RA-224 SEDIMENT PCI/G	11507 RA-224 SED-ERR PCI/G	11508 RA-223 SEDIMENT PCI/G	11509 RA-223 SEDIMENT ERROR	22016 PU-238 SEDIMENT PCI/G	22017 PU-238 SEDIMENT ERRO	22018 PU-239 SEDIMENT PCI/G	22019 PU-239 SEDIMENT ERRO
84/07/27	12 30										0.014	0.005
	12 30											
CP(S)-			0.90	0.10								
84/07/27	12 50											

STORET RETRIEVAL DATE 85/04/10

/TYPA/AMENT/LNC/SOLIDS/SBSOIL/POLLUT

470034FP
35 54 01.0 084 19 57.0 2
50 YARDS FROM RIGHT BANK ON JONES ISLAND LK OS
47145 TENNESSEE ROANE
TENNESSEE RIVER BASIN 040101
CLINCH R. 19.7 FLOODPLAIN SAMPLE OR-32
132TVAC 841020
0000 FEET DEPTH CSN-RSP 0745674-0695240

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/CM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/07/27	14 50		2312	A	1.0	8.0	30.1	2.31	0.16A		0.10U	
	14 55		2313	B	9.0	16.0			0.10		0.10U	
	15 00		2314	C	17.0	24.0			0.16		0.10U	
	15 05		2315	D	25.0	31.0			0.10U		0.10U	
	15 30		2317	U	1.00	8.00	22.0	2.42	0.10U		0.10U	
	15 35		2318	V	9.00	16.00			0.10U		0.10U	
	15 40		2319	W	17.00	24.00			0.10U		0.10U	
	15 45		2320	X	25.00	31.00			0.16		0.10U	
	15 50		4059028R	1	1.0	8.0						
	15 55		4059036R	2	9.0	14.0						
	16 00		4059044R	3	15.0	20.0						
	16 05		4059051R	4	21.0	26.0						
	16 10		4059069R	5	27.0	32.0						
	15 50											
CP(S)-			4073334R									
84/07/27	16 10											

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/07/27	14 50				30.1		99.6	100.0	
	14 55				47.6		97.1	100.0	
	15 00				52.1		99.1	100.0	
	15 05				65.0		99.1	100.0	
	15 30				34.5		99.2	100.0	
	15 35				51.9		98.4	100.0	
	15 40				51.8		98.2	100.0	
	15 45				60.1		96.6	100.0	

STORET RETRIEVAL DATE 85/04/15

/TYPA/AMBNT/LNG/SCLIDS/SBSOIL/POLLUT

4700334EP
35 34 01.0 084 19 57.0 2
50 YARDS FROM RIGHT BANK ON JONES ISLAND LK DS
47145 TENNESSEE ROANE
TENNESSEE RIVER BASIN 040101
CLINCH R. 19.7 FLOODPLAIN SAMPLE OR-32
132TVAC 841020
0000 FEET DEPTH CSN-RSP 0745674-0695240

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	01507 ALPHA SEDIMENT PC/G	01508 ALPHA SED-ERR PC/G	03507 BETA SEDIMENT PC/G	03508 BETA SED-ERR PC/G	15505 SR-89 SEDIMENT PCI/G	15506 SR-89 SED-ERR PCI/G
84/07/27	14 50		2312	A	1.0	8.0						
	14 55		2313	B	9.0	16.0						
	15 00		2314	C	17.0	24.0						
	15 05		2315	D	25.0	31.0						
	15 30		2317	U	1.00	8.00						
	15 35		2318	V	9.00	16.00						
	15 40		2319	W	17.00	24.00						
	15 45		2320	X	25.00	31.00						
	15 50		4059028R	1	1.0	8.0	6.0	3.0	43.0	9.0		
	15 55		4059036R	2	9.0	14.0	8.0	3.0	42.0	9.0		
	16 00		4059044R	3	15.0	20.0	8.0	3.0	36.0	7.0		
	16 05		4059051R	4	21.0	26.0	8.0	3.0	44.0	9.0		
	16 10		4059069R	5	27.0	32.0	9.0	3.0	48.0	10.0		
	15 50											
CP(S)-			4073334R									
84/07/27	16 10										3.0	1.0

DATE FROM TO	TIME OF DAY	DEPTH FEET	15507 SR-90 SEDIMENT PCI/G	15508 SR-90 SED-ERR PCI/G	17509 PB-212 SEDIMENT PCI/G	17510 PB-212 SED-ERR PCI/G	17511 PB-214 SEDIMENT PCI/G	17512 PB-214 SED-ERR PCI/G	22300 K-40 SEDIMENT PCI/G	22301 K-40 SED-ERR PCI/G	22350 TL-208 SEDIMENT PCI/G	22351 TL-208 SED-ERR PCI/G
84/07/27	15 50											
CP(S)-			0.1M	0.1	0.90	0.10	0.96	0.09	16.0	2.0	0.31	0.03
84/07/27	16 10											

DATE FROM TO	TIME OF DAY	DEPTH FEET	22375 BI-212 SEDIMENT PCI/G	22376 BI-212 SED-ERR PCI/G	22377 BI-214 SEDIMENT PCI/G	22378 BI-214 SED-ERR PCI/G	22507 TH-234 SEDIMENT PCI/G	22508 TH-234 SED-ERR PCI/G	22608 URANIUM SEDIMENT UG/G	22609 URANIUM SED-ERR UG/G	22612 U-235 SEDIMENT PCI/G	22613 U-235 SED-ERR PCI/G
84/07/27	15 50											
CP(S)-			0.9	0.2	0.81	0.09	1.3	0.3	1.1	0.3		
84/07/27	16 10											

STORET RETRIEVAL DATE 85/04/10

47[illegible]
35 54 01.0 084 19 57.0 2
50 YARDS FROM RIGHT BANK ON JONES ISLAND LK DS
47145 TENNESSEE ROANE
TENNESSEE RIVER BASIN 040101
CLINCH R. 19.7 FLOODPLAIN SAMPLE CR-32
132TVAC 841020
0000 FEET DEPTH CSN-RSP 0745674-0695240

/TYPA/AMENT/LNT/SOLIDS/SUSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	25503 AC-228 SEDIMENT PCI/G	25504 AC-228 SED-ERR PCI/G	28419 CS-137 SEDIMENT PCI/G	28419 CS-137 SED-ERR PCI/G	21505 MPA-234 SEDIMENT PCI/G	21506 MPA-234 SED-ERR PCI/G	22450 AM-241 SEDIMENT PCI/G	22451 AM-241 SEDIMENT ERRO	22475 CU-244 SEDMENT PCI/G	22476 CU-244 SEDIMENT ERRO
84/07/27	15 50								0.010	0.003	0.007	0.003
	15 50											
CP(S)-			0.90	0.10	0.09	0.02						
84/07/27	16 10											

DATE FROM TO	TIME OF DAY	DEPTH FEET	09507 RA-226 SEDIMENT PC/G	09508 RA-226 SED-ERR PC/G	11506 RA-224 SEDIMENT PCI/G	11507 RA-224 SED-ERR PCI/G	11508 RA-223 SEDIMENT PCI/G	11509 RA-223 SEDIMENT ERROR	22016 PU-238 SEDIMENT PCI/G	22017 PU-238 SEDIMENT ERRO	22018 PU-239 SEDIMENT PCI/G	22019 PU-239 SEDIMENT ERRO
84/07/27	15 50											
CP(S)-			0.81	0.09								
84/07/27	16 10											

STORET RETRIEVAL DATE 84/09/10

/TYPA/AMENT/LNG/SCLIDS/SASOIL/POLLUT

470033FP
3- 54 84.0 284 33 38.0 2
100 YARDS FROM RIGHT BK ON JONES ISLAND LK DS
47145 TENNESSEE ROANE
TENNESSEE RIVER BASIN 040101
CLINCH R. 22.1 FLOODPLAIN SAMPLE CR-31
132TVAC 841020
0000 FEET DEPTH CSN-RSP 0745673-0695239

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/07/27	15 35		2308	A	1.0	8.0	13.0	2.46	0.18A		0.10U	
	15 40		2309	B	9.0	16.0			0.16		0.10U	
	15 45		2310	C	17.0	24.0			0.16		0.10U	
	15 50		2311	D	25.0	30.0			0.36		0.10U	
	15 55		4058970R	1	1.0	8.0						
	16 00		4058988R	2	9.0	14.0						
	16 05		4058996R	3	15.0	20.0						
	16 10		4059002R	4	21.0	26.0						
	16 15		4059010R	5	27.0	32.0						
	15 55											
CP(S)-			4073326R									
84/07/27	16 15											

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/07/27	15 35				13.5		99.4	100.0	
	15 40				31.9		99.6	100.0	
	15 45				21.1		98.7	100.0	
	15 50				22.9		99.5	100.0	

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	01507 ALPHA SEDIMENT PC/G	01508 ALPHA SED-ERR PC/G	03507 BETA SEDIMENT PC/G	03508 BETA SED-ERR PC/G	15505 SR-89 SEDIMENT PCI/G	15506 SR-89 SED-ERR PCI/G
84/07/27	15 35		2308	A	1.0	8.0						
	15 40		2309	B	9.0	16.0						
	15 45		2310	C	17.0	24.0						
	15 50		2311	D	25.0	30.0						
	15 55		4058970R	1	1.0	8.0	3.0	2.0	22.0	5.0		
	16 00		4058988R	2	9.0	14.0	5.0	2.0	24.0	5.0		
	16 05		4058996R	3	15.0	20.0	5.0	2.0	23.0	5.0		
	16 10		4059002R	4	21.0	26.0	6.0	2.0	41.0	8.0		
	16 15		4059010R	5	27.0	32.0	4.0	2.0	26.0	5.0		
	15 55											
CP(S)-			4073326R								3.0	1.0
84/07/27	16 15											

STORET RETRIEVAL DATE 85/04/10

470033FP
35 54 04.0 084 20 38.0 2
100 YARDS FROM RIGHT BK ON JONES ISLAND LK OS
47145 TENNESSEE ROANE
TENNESSEE RIVER BASIN 040101
CLINCH R. 20.1 FLOODPLAIN SAMPLE OR-31
132TVAC 841020
0000 FEET DEPTH CSN-RSP 0745673-0695239

/TYPA/AMENT/LNC/SOLIDS/SHSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	15507 SR-90 SEDIMENT PCI/G	15508 SR-90 SED-ERR PCI/G	17509 PB-212 SEDIMENT PCI/G	17510 PB-212 SED-ERR PCI/G	17511 PB-214 SEDIMENT PCI/G	17512 PB-214 SED-ERR PCI/G	22300 K-40 SEDIMENT PCI/G	22301 K-40 SED-ERR PCI/G	22350 TL-208 SEDIMENT PCI/G	22351 TL-208 SED-ERR PCI/G
84/07/27	15 55											
CP(S)-			0.1N	0.1	0.54	0.05	0.60	0.07	11.0	1.0	0.19	0.03
84/07/27	16 15											

DATE FROM TO	TIME OF DAY	DEPTH FEET	22375 BI-212 SEDIMENT PCI/G	22376 BI-212 SED-ERR PCI/G	22377 BI-214 SEDIMENT PCI/G	22378 BI-214 SED-ERR PCI/G	22507 TH-234 SEDIMENT PCI/G	22508 TH-234 SED-ERR PCI/G	22608 URANIUM SEDIMENT UG/G	22609 URANIUM SED-ERR UG/G	22612 U-235 SEDIMENT PCI/G	22613 U-235 SED-ERR PCI/G
84/07/27	15 55											
CP(S)-			0.6	0.2	0.57	0.06	0.9	0.3	0.8	0.3		
84/07/27	16 15											

DATE FROM TO	TIME OF DAY	DEPTH FEET	25503 AC-228 SEDIMENT PCI/G	25504 AC-228 SED-ERR PCI/G	28418 CS-137 SEDIMENT PCI/G	28419 CS-137 SED-ERR PCI/G	21505 MPA-234 SEDIMENT PCI/G	21506 MPA-234 SED-ERR PCI/G	22450 AM-241 SEDIMENT PCI/G	22451 AM-241 SEDIMENT ERRO	22475 CU-244 SEDMENT PCI/G	22476 CU-244 SEDIMENT ERRO
84/07/27	15 55											
CP(S)-			0.56	0.09	0.11	0.02						
84/07/27	16 15											

DATE FROM TO	TIME OF DAY	DEPTH FEET	09507 RA-226 SEDIMENT PC/G	09508 RA-226 SED-ERR PC/G	11506 RA-224 SEDIMENT PCI/G	11507 RA-224 SED-ERR PCI/G	11508 RA-223 SEDIMENT PCI/G	11509 RA-223 SEDIMENT ERROR	22016 PU-238 SEDIMENT PCI/G	22017 PU-238 SEDIMENT ERRO	22018 PU-239 SEDIMENT PCI/G	22019 PU-239 SEDIMENT ERRO
84/07/27	15 55											
CP(S)-			0.57	0.06								
84/07/27	16 15											

STORET RETRIEVAL DATE 85/04/10

/TYPA/AMENT/LNG/SCLIDS/S4SOIL/POLLUT

4700325P
35 53 53.0 084 20 16.0 2
20 YARDS FROM RIGHT BK ON JONES ISLAND LK DS
47145 TENNESSEE ROANE
TENNESSEE RIVER BASIN 04C101
CLINCH R. 20.5 FLOODPLAIN SAMPLE OR-30
132TVAC 841020
0000 FEET DEPTH CSN-RSP 0745672-0695238

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/CM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	80330 MERCURY LT2.00MM SEDMG/KG
84/07/27	16 35		2304	A	1.0	8.0	12.9	2.54	0.50A		0.10U	
	16 36		2316	AD	1.0S	8.0S	13.9	2.47	0.24A		0.10U	
	16 40		2305	B	9.0	14.0			0.21		0.10U	
	16 45		2306	C	14.0	20.0			0.16		0.10U	
	16 50		2307	D	21.0	26.0			0.16		0.10U	
	17 15		4058913R	1	1.0	8.0						
	17 16		4058962R	1X	1.0S	8.0S						
	17 20		4058921R	2	9.0	14.0						
	17 25		4058939R	3	15.0	20.0						
	17 30		4058947R	4	21.0	26.0						
	17 35		4058954R	5	27.0	32.0						
	17 15											
CP(S)-			4073318R									
84/07/27	17 35											

DATE FROM TO	TIME OF DAY	DEPTH FEET	80329 MERCURY LT6.35MM SEDMG/KG	71921 MERCURY SEDMG/KG DRY WGT	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	80327 TOT SED SIEVE % LT6.35MM
84/07/27	16 35				6.2		70.9	87.5	
	16 36				5.7		63.6	77.3	
	16 40				66.4		95.0	100.0	
	16 45				48.5		97.0	100.0	
	16 50				51.4		97.0	100.0	

STORET RETRIEVAL DATE 85/04/10

470032FP
35 53 53.0 084 20 16.0 2
20 YARDS FROM RIGHT BK ON JONES ISLAND LK OS
47145 TENNESSEE ROANE
TENNESSEE RIVER BASIN 040101
CLINCH R. 20.5 FLOODPLAIN SAMPLE OR-30
132TVAC 841020
0000 FEET DEPTH CSN-RSP 0745672-0695238

/TYPA/AMENT/LNC/SCLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	01507 ALPHA SEDIMENT PC/G	01508 ALPHA SED-ERR PC/G	03507 BETA SEDIMENT PC/G	03508 BETA SED-ERR PC/G	15505 SR-89 SEDIMENT PCI/G	15506 SR-89 SED-ERR PCI/G
84/07/27	16 35		2304	A	1.0	8.0						
	16 36		2316	AD	1.0S	8.0S						
	16 40		2305	B	9.0	14.0						
	16 45		2306	C	14.0	20.0						
	16 50		2307	D	21.0	26.0						
	17 15		4058913R	1	1.0	8.0	4.0	2.0	18.0	4.0		
	17 16		4058962R	1X	1.0S	8.0S	5.0	3.0	17.0	4.0		
	17 20		4058921R	2	9.0	14.0	6.0	2.0	28.0	6.0		
	17 25		4058939R	3	15.0	20.0	5.0	2.0	33.0	7.0		
	17 30		4058947R	4	21.0	26.0	10.0	3.0	42.0	9.0		
	17 35		4058954R	5	27.0	32.0	4.0	2.0	27.0	6.0		
	17 15											
CP(S)- 84/07/27	17 35		4073318R								2.0	1.0

DATE FROM TO	TIME OF DAY	DEPTH FEET	15507 SR-90 SEDIMENT PCI/G	15508 SR-90 SED-ERR PCI/G	17509 PB-212 SEDIMENT PCI/G	17510 PB-212 SED-ERR PCI/G	17511 PB-214 SEDIMENT PCI/G	17512 PB-214 SED-ERR PCI/G	22300 K-40 SEDIMENT PCI/G	22301 K-40 SED-ERR PCI/G	22350 TL-208 SEDIMENT PCI/G	22351 TL-208 SED-ERR PCI/G
84/07/27	17 15											
CP(S)- 84/07/27	17 35		0.1M	0.1	0.53	0.06	0.67	0.09	11.0	1.0	0.18	0.03

DATE FROM TO	TIME OF DAY	DEPTH FEET	22375 BI-212 SEDIMENT PCI/G	22376 BI-212 SED-ERR PCI/G	22377 BI-214 SEDIMENT PCI/G	22378 BI-214 SED-ERR PCI/G	22507 TH-234 SEDIMENT PCI/G	22508 TH-234 SED-ERR PCI/G	22608 URANIUM SEDIMENT UG/G	22609 URANIUM SED-ERR UG/G	22612 U-235 SEDIMENT PCI/G	22613 U-235 SED-ERR PCI/G
84/07/27	17 15											
CP(S)- 84/07/27	17 35		0.6	0.1	0.63	0.08	1.0	0.3	0.8	0.4		

STORET RETRIEVAL DATE 85/04/10

470032FP
35 53 53.0 084 20 16.0 2
22 YARDS FROM RIGHT BK ON JONES ISLAND LK DS
47145 TENNESSEE ROANE
TENNESSEE RIVER BASIN 040101
CLINCH R. 20.5 FLOODPLAIN SAMPLE OR-30
132TVAC 841020
0000 FEET DEPTH CSN-RSP 0745672-0695238

/TYPA/AMBNT/LND/SOLIDS/SBSOIL/POLLUT

DATE FROM TO	TIME OF DAY	DEPTH FEET	25503 AC-228 SEDIMENT PCI/G	25504 AC-228 SED-ERR PCI/G	28418 CS-137 SEDIMENT PCI/G	28419 CS-137 SED-ERR PCI/G	21505 MPA-234 SEDIMENT PCI/G	21506 MPA-234 SED-ERR PCI/G	22450 AM-241 SEDIMENT PCI/G	22451 AM-241 SEDIMENT ERRO	22475 CU-244 SEDMENT PCI/G	22476 CU-244 SEDIMENT ERRO
84/07/27	17 15											
CP(S)-			0.54	0.08	0.44	0.05						
84/07/27	17 35											

DATE FROM TO	TIME OF DAY	DEPTH FEET	09507 RA-226 SEDIMENT PC/G	09508 RA-226 SED-ERR PC/G	11506 RA-224 SEDIMENT PCI/G	11507 RA-224 SED-ERR PCI/G	11508 RA-223 SEDIMENT PCI/G	11509 RA-223 SEDIMENT ERROR	22016 PU-238 SEDIMENT PCI/G	22017 PU-238 SEDIMENT ERRO	22018 PU-239 SEDIMENT PCI/G	22019 PU-239 SEDIMENT ERRO
84/07/27	17 15											
CP(S)-			0.63	0.08								
84/07/27	17 35											

STORET RETRIEVAL DATE 85/04/10

/TYPA/AMBNT/LNG/SCLIDS/SBSOIL/POLLUT

470111EP
35 53 50.0 084 20 11.0 2
30 YARDS FROM RIGHT BK ON JONES ISLAND LK DS
47145 TENNESSEE ROANE
TENNESSEE RIVER BASIN 040101
CLINCH R. 20.5 FLOODPLAIN SAMPLE CE-29
132TVAC 841207
0000 FEET DEPTH CSN-RSP 0754959-0695320

DATE FROM TO	TIME OF DAY	DEPTH FEET	00009 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	70320 MOISTURE CONTENT PERCENT	71921 SPECIFIC GRAVITY SEDGM/GM	71922 MERCURY LT 63 U SEDMG/KG	80332 MERCURY LT 125U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG	90330 MERCURY LT2.00MM SEDMG/KG
84/07/27	17 15		4059127R	1	1.0	4.0						

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	01507 ALPHA SEDIMENT PC/G	01508 ALPHA SED-ERR PC/G	03507 BETA SEDIMENT PC/G	03508 BETA SED-ERR PC/G	15505 SR-89 SEDIMENT PCI/G	15506 SR-89 SED-ERR PCI/G
84/07/27	17 15		4059127R	1	1.0	4.0	6.0	2.0	100.0	20.0	1.1	0.8

DATE FROM TO	TIME OF DAY	DEPTH FEET	15507 SR-90 SEDIMENT PCI/G	15508 SR-90 SED-ERR PCI/G	17509 PB-212 SEDIMENT PCI/G	17510 PB-212 SED-ERR PCI/G	17511 PB-214 SEDIMENT PCI/G	17512 PB-214 SED-ERR PCI/G	22300 K-40 SEDIMENT PCI/G	22301 K-40 SED-ERR PCI/G	22350 TL-208 SEDIMENT PCI/G	22351 TL-208 SED-ERR PCI/G
84/07/27	17 15		0.0	0.1	0.85	0.08	0.70	0.80	44.0	3.0	0.32	0.03

DATE FROM TO	TIME OF DAY	DEPTH FEET	22375 BI-212 SEDIMENT PCI/G	22376 BI-212 SED-ERR PCI/G	22377 BI-214 SEDIMENT PCI/G	22378 BI-214 SED-ERR PCI/G	22507 TH-234 SEDIMENT PCI/G	22508 TH-234 SED-ERR PCI/G	22608 URANIUM SEDIMENT UG/G	22609 URANIUM SED-ERR UG/G	22612 U-235 SEDIMENT PCI/G	22613 U-235 SED-ERR PCI/G
84/07/27	17 15		0.9	0.2	0.61	0.08	1.2	0.3	1.3	0.4		

STORET RETRIEVAL DATE 85/04/10

47011150
35 33 50.0 084 20 11.0 2
30 YARDS FROM RIGHT BK ON JONES ISLAND LK DS
47145 TENNESSEE ROANE
TENNESSEE RIVER BASIN 040101
CLINCH R. 20.5 FLOODPLAIN SAMPLE OE-29
132TVAC 841207
0000 FEET DEPTH CSN-RSP 0754959-0695320

/TYPA/AMBNT/LND/SOLIDS/SBSOIL/POLLUT

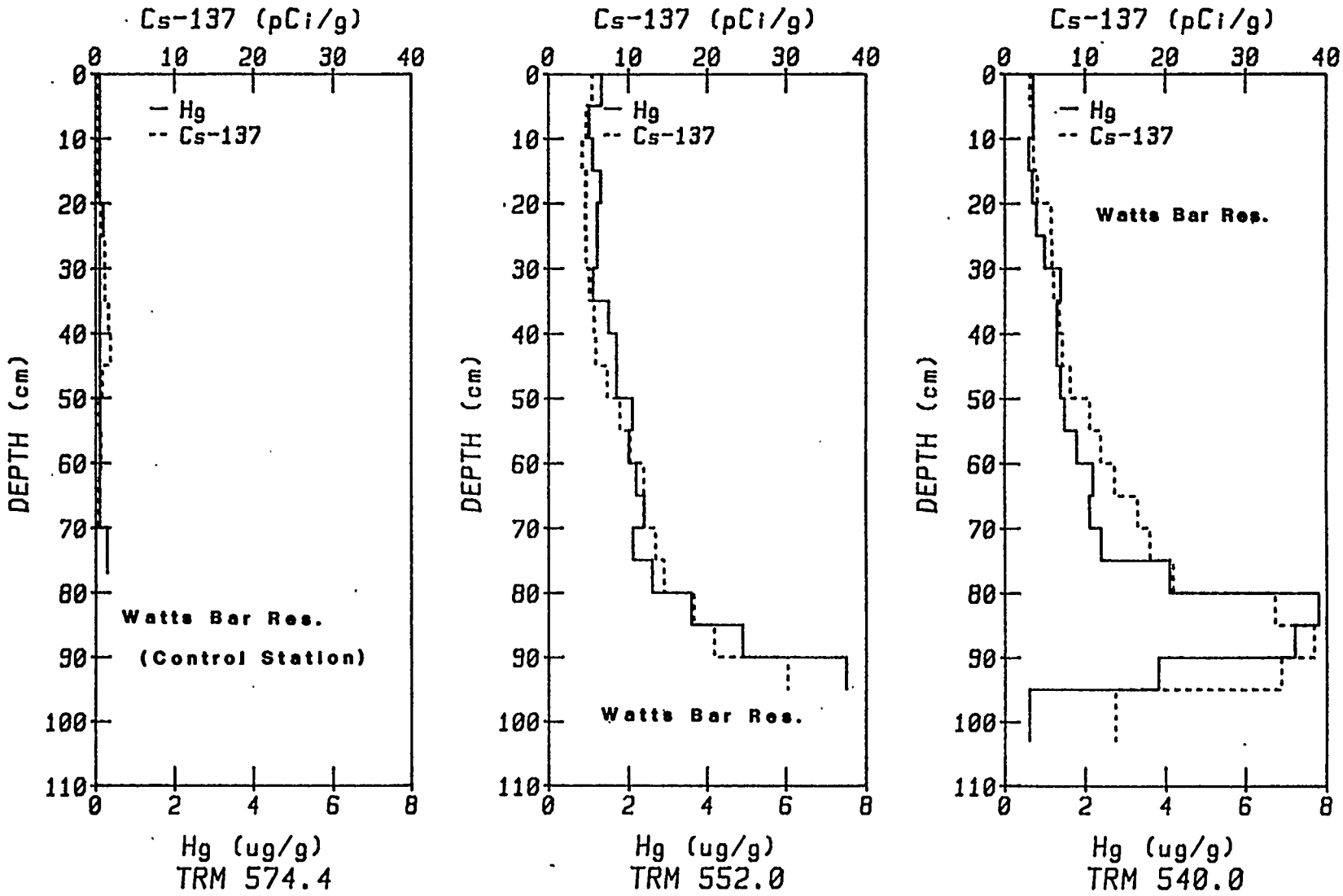
DATE FROM TO	TIME OF DAY	DEPTH FEET	25503 AC-228 SEDIMENT PCI/G	25504 AC-228 SED-ERR PCI/G	28418 CS-137 SEDIMENT PCI/G	28419 CS-137 SED-ERR PCI/G	21505 MPA-234 SEDIMENT PCI/G	21506 MPA-234 SED-ERR PCI/G	22450 AM-241 SEDIMENT PCI/G	22451 AM-241 SEDIMENT ERRO	22475 CU-244 SEDMENT PCI/G	22476 CU-244 SEDIMENT ERRO
84/07/27	17 15		0.90	0.10	0.35	0.04						

DATE FROM TO	TIME OF DAY	DEPTH FEET	09507 RA-226 SEDIMENT PC/G	09508 RA-226 SED-ERR PC/G	11506 RA-224 SEDIMENT PCI/G	11507 RA-224 SED-ERR PCI/G	11508 RA-223 SEDIMENT PCI/G	11509 RA-223 SEDIMENT ERROR	22016 PU-238 SEDIMENT PCI/G	22017 PU-238 SEDIMENT ERRO	22018 PU-239 SEDIMENT PCI/G	22019 PU-239 SEDIMENT ERRO
84/07/27	17 15		0.61	0.08								

APPENDIX IV

INSTREAM CONTAMINANT STUDY - TASK 2

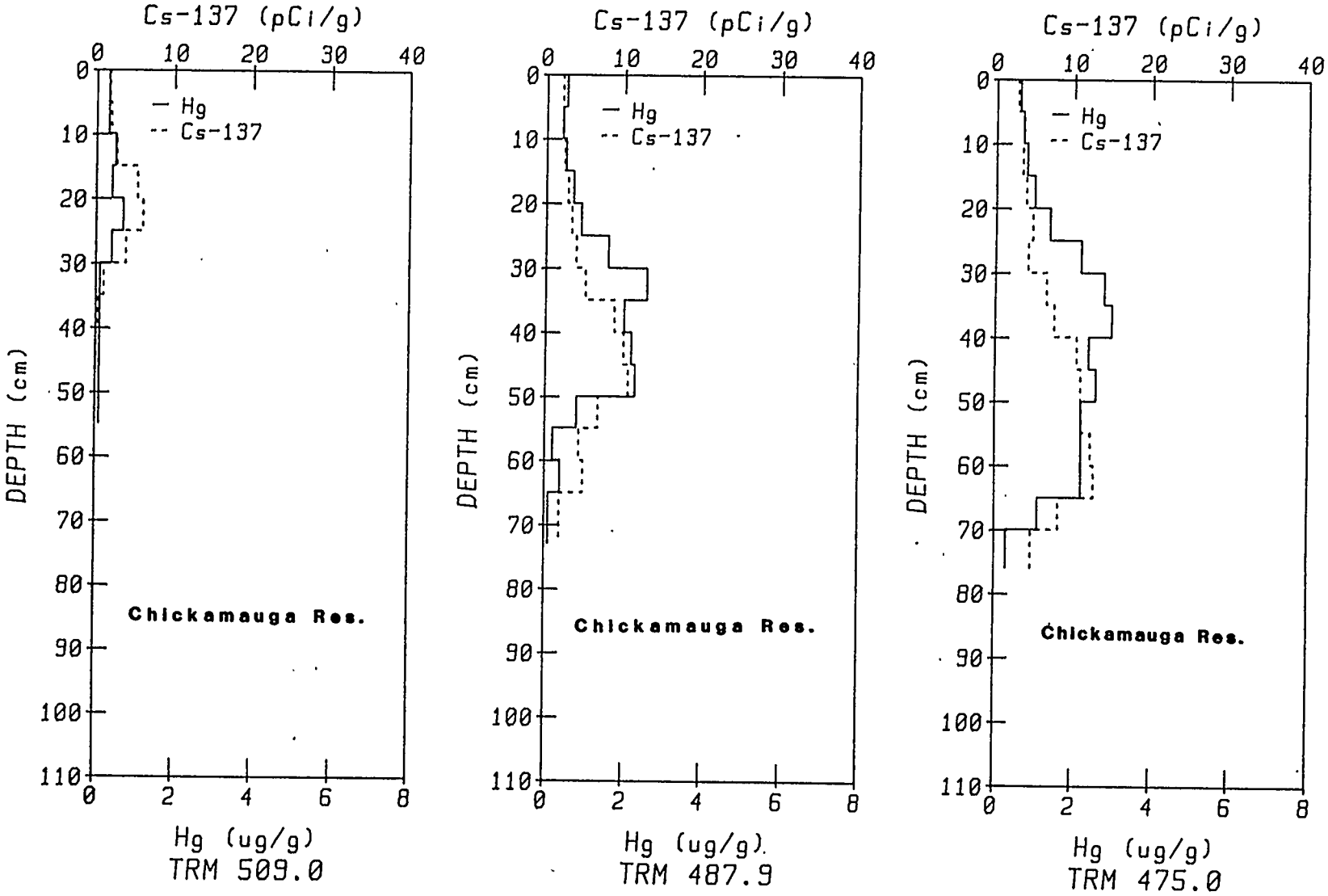
TENNESSEE RIVER CORE SAMPLING RESULTS



WSDB: 3/18/85

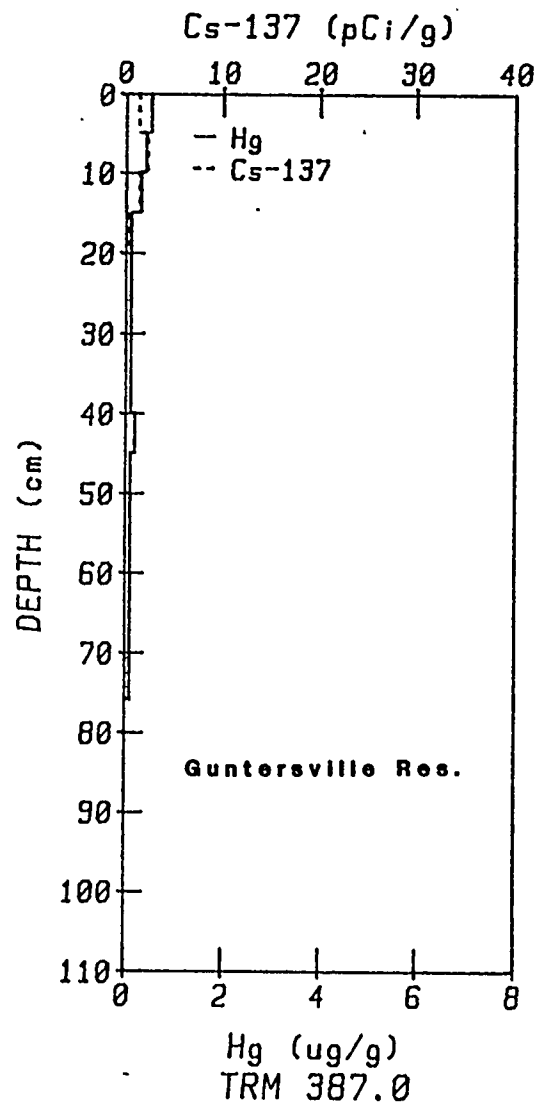
FIGURE 1

MERCURY AND CESIUM-137 CONCENTRATIONS VS. DEPTH
TENNESSEE RIVER CORE SAMPLING



WSDB: 3/19/85

FIGURE 1
MERCURY AND CESIUM-137 CONCENTRATIONS VS. DEPTH
TENNESSEE RIVER CORE SAMPLING



WSDB: 3/18/85

FIGURE 1

MERCURY AND CESIUM-137 CONCENTRATIONS VS. DEPTH
TENNESSEE RIVER CORE SAMPLING

APPENDIX IV - TABLE 1

TENNESSEE RIVER CORE SAMPLING - MERCURY, PCB, AND PARTICLE SIZE ANALYSES RESULTS

STORET RETRIEVAL DATE 85/04/11

017392
34 39 00.0 085 57 31.0 2
GUNTERSVILLE RESERVOIR
01071 ALABAMA JACKSON
TENNESSEE RIVER BASIN 040801
TENNESSEE RIVER 387.0
132TVAC 840810
0000 FEET DEPTH CSN-RSP 0740078-0695202

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	00002 HSAMPLOC % FROM RT BANK	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71921 MERCURY SEDMG/KG DRY WGT	71922 MERCURY LT 63 U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG
84/08/02	12 00		5651	1	0.1	2.0				0.55		
	12 02		5652	2	2.1	3.9				0.45		
	12 04		5653	3	4.0	5.9				0.35		
	12 06		5654	4	6.0	7.9				0.10		
	12 08		5655	5	8.0	9.8				0.10U		
	12 10		5656	6	9.9	11.8				0.10U		
	12 12		5657	7	11.9	13.8				0.15		
	12 14		5658	8	13.9	15.7				0.10U		
	12 16		5659	9	15.8	17.7				0.20		
	12 18		5660	10	17.8	19.7				0.10		
	12 20		5661	11	19.8	21.7				0.10		
	12 22		5662	12	21.8	23.6				0.15		
	12 24		5663	13	23.7	25.6				0.10U		
	12 26		5664	14	25.7	27.6				0.10		
	12 28		5665	15	27.7	29.9				0.10		
	12 29		5666	15C	27.7S	29.9S				0.10		
	12 30		2934	A	0.1	5.9						
	12 32		2935	B	6.0	11.8						
	12 34		2936	C	11.9	17.7						
	12 36		2937	D	17.8	21.3						
	13 00		2928	1	0.1	5.5						
	13 02		2929	2	5.6	11.0						
	13 04		2930	3	11.1	16.5						
	13 06		2931	4	16.6	22.0						
	13 08		2932	5	22.1	27.6						
	13 10		2933	6	27.7	32.3						

DATE FROM TO	TIME OF DAY	DEPTH FEET	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	01029 CHROMIUM SEDMG/KG DRY WGT	39514 PCB-1016 SEDUG/KG DRY WGT	39491 PCB-1221 SEDUG/KG DRY WGT	39495 PCB-1232 SEDUG/KG DRY WGT	39499 PCB-1242 SEDUG/KG DRY WGT	39503 PCB-1248 SEDUG/KG DRY WGT
84/08/02	12 30		58.7	78.1	99.6	100.0						
	12 32		72.2	91.8	100.0	100.0						
	12 34		75.9	91.2	100.0	100.0						
	12 36		80.3	94.7	100.0	100.0						
	13 00						22	100.0U	100.0U	100.0U	100.0U	100.0U
	13 02						19	100.0U	100.0U	100.0U	100.0U	100.0U
	13 04						25	100.0U	100.0U	100.0U	100.0U	100.0U
	13 06						26	100.0U	100.0U	100.0U	100.0U	100.0U
	13 08						24	100.0U	100.0U	100.0U	100.0U	100.0U
	13 10						20	100.0U	100.0U	100.0U	100.0U	100.0U

STORET RETRIEVAL DATE 85/04/11

017392
34 39 00.0 085 57 31.0 2
GUNTERSVILLE RESERVOIR
01071 ALABAMA JACKSON
TENNESSEE RIVER BASIN 040801
TENNESSEE RIVER 387.0
132TVAC 840810
0000 FEET DEPTH CSN-RSP 0740078-0695202

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	39507 PCB-1254 SEDUG/KG DRY WGT	39511 PCB-1260 SEDUG/KG DRY WGT
84/08/02	13 00		100.0U	100.0U
	13 02		100.0U	100.0U
	13 04		100.0U	100.0U
	13 06		100.0U	100.0U
	13 08		100.0U	100.0U
	13 10		100.0U	100.0U

STORET RETRIEVAL DATE 85/04/11

476582
35 08 16.0 085 10 33.0 2
CHICKAMAUGA RESERVOIR
47065 TENNESSEE HAMILTON
TENNESSEE RIVER BASIN 040801
TENNESSEE RIVER 475.0
132TVAC 840810
0000 FEET DEPTH CSN-RSP 0740097-0695445

/TYPA/AMENT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	00002 HSAMPLOC % FROM RT BANK	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71921 MERCURY SEDMG/KG DRY WGT	71922 MERCURY LT 63 U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG
84/07/31	15 40		2896	1	0.1	5.9						
	15 41		2905	1D	0.1S	5.9S						
	15 42		2897	2	6.0	11.8						
	15 44		2898	3	11.9	17.7						
	15 46		2899	4	17.8	26.0						
	16 00		2900	1D	0.1D	5.9D						
	16 02		2901	2D	6.0D	11.8D						
	16 04		2902	3D	11.9D	17.7D						
	16 06		2903	4D	17.8D	23.6D						
	16 08		2904	5D	23.7D	33.5D						
	16 30		9841	1	0.1	2.0				0.60		
	16 32		9842	2	2.1	3.9				0.70		
	16 34		9843	3	4.0	5.9				0.80		
	16 36		9844	4	6.0	7.9				1.00		
	16 38		9845	5	8.0	9.8				1.40		
	16 40		9846	6	9.9	11.8				2.20		
	16 42		9847	7	11.9	13.8				2.80		
	16 44		9848	8	13.9	15.7				3.00		
	16 46		9849	9	15.8	17.7				2.40		
	16 48		9850	10	17.8	19.7				2.60		
	17 00		9851	11	19.8	21.7				2.20		
	17 02		9852	12	21.8	23.6				2.20		
	17 04		9853	13	23.7	25.6				2.20		
	17 06		9854	14	25.7	27.6				1.10		
	17 08		9855	15	27.7	29.9				0.30		
	18 00		2882	1	0.1	5.1						
	18 01		2888	1D	0.1S	5.1S						
	18 02		2883	2	5.2	10.2						
	18 03		2889	2D	5.2S	10.2S						
	18 04		2884	3	10.3	15.4						
	18 06		2885	4	15.5	20.5						
	18 08		2886	5	20.6	25.6						
	18 10		2887	6	25.7	31.5						
	18 20		2890	1D	0.1D	5.1D						
	18 22		2891	2D	5.2D	10.2D						
	18 24		2892	3D	10.3D	15.4D						

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	00002 HSAMPLOC % FROM RT BANK	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71921 MERCURY SEDMG/KG DRY WGT	71922 MERCURY LT 63 U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG
84/07/31	18 26		2893	4D	15.5D	20.5D						
	18 28		2894	5D	20.6D	25.6D						
	18 30		2895	6D	25.7D	26.8D						

STORET RETRIEVAL DATE 85/04/11

476582
35 08 16.0 085 10 33.0 2
CHICKAMAUGA RESERVOIR
47065 TENNESSEE HAMILTON
TENNESSEE RIVER BASIN 040801
TENNESSEE RIVER 475.0
132TVAC 840810
0000 FEET DEPTH CSN-RSP 0740097-0695445

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	01029 CHROMIUM SEDMG/KG DRY WGT	39514 PCB-1016 SEDUG/KG DRY WGT	39491 PCB-1221 SEDUG/KG DRY WGT	39495 PCB-1232 SEDUG/KG DRY WGT	39499 PCB-1242 SEDUG/KG DRY WGT	39503 PCB-1248 SEDUG/KG DRY WGT
84/07/31	15 40		99.7	99.8	100.0	100.0						
	15 41		99.7	99.8	100.0	100.0						
	15 42		99.1	99.2	100.0	100.0						
	15 44		99.8	99.9	100.0	100.0						
	15 46		95.1	97.6	100.0	100.0						
	16 00		99.2	99.9	100.0	100.0						
	16 02		98.3	99.4	100.0	100.0						
	16 04		95.8	98.4	100.0	100.0						
	16 06		96.8	97.8	100.0	100.0						
	16 08		99.8	99.9	100.0	100.0						
	18 00						45	100.0U	100.0U	100.0U	100.0U	100.0U
	18 01						41	100.0U	100.0U	100.0U	100.0U	100.0U
	18 02						42	100.0U	100.0U	100.0U	100.0U	100.0U
	18 03						42	100.0U	100.0U	100.0U	100.0U	100.0U
	18 04						44	100.0U	100.0U	100.0U	100.0U	100.0U
	18 06						44	100.0U	100.0U	100.0U	100.0U	100.0U
	18 08						40	100.0U	100.0U	100.0U	100.0U	100.0U
	18 10						45	100.0U	100.0U	100.0U	100.0U	100.0U
	18 20						41	100.0U	100.0U	100.0U	100.0U	100.0U
	18 22						44	100.0U	100.0U	100.0U	100.0U	100.0U
	18 24						41	100.0U	100.0U	100.0U	100.0U	100.0U
	18 26						44	100.0U	100.0U	100.0U	100.0U	100.0U
	18 28						38	100.0U	100.0U	100.0U	100.0U	100.0U
	18 30						42	100.0U	100.0U	100.0U	100.0U	100.0U

DATE FROM TO	TIME OF DAY	DEPTH FEET	39507 PCB-1254 SEDUG/KG DRY WGT	39511 PCB-1260 SEDUG/KG DRY WET
84/07/31	18 00		100.0U	100.0U
	18 01		100.0U	100.0U
	18 02		100.0U	100.0U
	18 03		100.0U	100.0U
	18 04		100.0U	100.0U
	18 06		100.0U	100.0U
	18 08		100.0U	100.0U
	18 10		100.0U	100.0U
	18 20		100.0U	100.0U
	18 22		100.0U	100.0U
	18 24		100.0U	100.0U
	18 26		100.0U	100.0U
	18 28		100.0U	100.0U
	18 30		100.0U	100.0U

STORET RETRIEVAL DATE 85/04/11

476583
35 16 15.0 085 06 15.0 2
CHICKAMAUGA RESERVOIR
47065 TENNESSEE HAMILTON
TENNESSEE RIVER BASIN 040801
TENNESSEE RIVER 487.9
132TVAC 840810
0000 FEET DEPTH CSN-RSP 0740098-0695447

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	00002 HSAMPLOC % FROM RT BANK	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71921 MERCURY SEDMG/KG DRY WGT	71922 MERCURY LT 63 U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG
84/08/01	14 30		5682	1	0.1	2.0				0.55		
	14 31		5696	1D	0.1S	2.0S				0.50		
	14 32		5683	2	2.1	3.9				0.45		
	14 34		5684	3	4.0	5.9				0.50		
	14 36		5685	4	6.0	7.9				0.75		
	14 38		5686	5	8.0	9.8				0.90		
	14 40		5687	6	9.9	11.8				1.60		
	14 42		5688	7	11.9	13.8				2.60		
	14 44		5689	8	13.9	15.7				2.00		
	14 46		5690	9	15.8	17.7				2.20		
	14 48		5691	10	17.8	19.7				2.30		
	14 50		5692	11	19.8	21.7				0.85		
	14 52		5693	12	21.8	23.6				0.20		
	14 54		5694	13	23.7	25.6				0.40		
	14 55		5697	13D	23.7S	25.6S				0.40		
	14 56		5695	14	25.7	28.7				0.10		
	15 00		2910	A	0.1	5.9						
	15 01		2914	AD	0.1S	5.9S						
	15 02		2911	B	6.0	11.8						
	15 04		2912	C	11.9	17.7						
	15 06		2913	D	17.8	24.8						
	16 00		2921	1	0.1	4.3						
	16 02		2922	2	4.3	8.7						
	16 03		2927	2D	4.3S	8.7S						
	16 04		2923	3	8.8	13.0						
	16 06		2924	4	13.1	17.3						
	16 08		2925	5	17.4	21.7						
	16 10		2926	6	21.8	26.4						

16

STORET RETRIEVAL DATE 85/04/11

476583
35 16 15.0 085 06 15.0 2
CHICKAMAUGA RESERVOIR
47065 TENNESSEE HAMILTON
TENNESSEE RIVER BASIN 040801
TENNESSEE RIVER 487.9
132TVAC 840810
0000 FEET DEPTH CSN-RSP 0740098-0695447

/TYPA/APBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	01029 CHROMIUM SEDMG/KG DRY WGT	39514 PCB-1016 SEDUG/KG DRY WGT	39491 PCB-1221 SEDUG/KG DRY WGT	39495 PCB-1232 SEDUG/KG DRY WGT	39499 PCB-1242 SEDUG/KG DRY WGT	39503 PCB-1248 SEDUG/KG DRY WGT
84/08/01	15 00		96.2	98.5	99.9	100.0						
	15 01		96.1	99.2	99.8	100.0						
	15 02		95.3	99.0	100.0	100.0						
	15 04		95.5	99.4	100.0	100.0						
	15 06		77.0	92.1	99.8	100.0						
	16 00						34	100.0U	100.0U	100.0U	100.0U	100.0U
	16 02						37	100.0U	100.0U	100.0U	100.0U	100.0U
	16 03						36	100.0U	100.0U	100.0U	100.0U	100.0U
	16 04						36	100.0U	100.0U	100.0U	100.0U	100.0U
	16 06						38	100.0U	100.0U	100.0U	100.0U	100.0U
	16 08						35	100.0U	100.0U	100.0U	100.0U	100.0U
	16 10						39	100.0U	100.0U	100.0U	100.0U	100.0U

DATE FROM TO	TIME OF DAY	DEPTH FEET	39507 PCB-1254 SEDUG/KG DRY WGT	39511 PCB-1260 SEDUG/KG DRY WGT
84/08/01	16 00		100.0U	100.0U
	16 02		100.0U	100.0U
	16 03		100.0U	100.0U
	16 04		100.0U	100.0U
	16 06		100.0U	100.0U
	16 08		100.0U	100.0U
	16 10		100.0U	100.0U

STORET RETRIEVAL DATE 85/04/11

476584
35 26 39.0 084 54 38.0 2
CHICKAMAUGA RESERVOIR
47121 TENNESSEE MEIGS
TENNESSEE RIVER BASIN 040801
TENNESSEE RIVER 509.0
132TVAC 840810
0000 FEET DEPTH CSN-RSP 0740099-0695449

/TYPA/AMENT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	00002 HSAMPLOC % FROM RT BANK	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71921 MERCURY SEDMG/KG DRY WGT	71922 MERCURY LT 63 U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG
84/08/01	12 30		5667	1	0.1	2.0				0.35		
	12 32		5668	2	2.1	3.9				0.30		
	12 34		5669	3	4.0	5.9				0.50		
	12 36		5670	4	6.0	7.9				0.40		
	12 38		5671	5	8.0	9.8				0.70		
	12 40		5672	6	9.9	11.8				0.45		
	12 42		5673	7	11.9	13.8				0.10U		
	12 44		5674	8	13.9	15.7				0.10U		
	12 46		5675	9	15.8	17.7				0.10U		
	12 48		5676	10	17.8	19.7				0.10U		
	12 50		5677	11	19.8	22.0				0.10U		
	12 51		5681	11D	19.8S	22.0S				0.10U		
	13 00		2906	A	0.1	4.7						
	13 02		2907	B	4.8	9.4						
	13 04		2908	C	9.5	14.2						
	13 06		2909	D	14.3	18.5						
	13 13		2915	1	0.1	4.7						
	13 15		2916	2	4.8	9.4						
	13 17		2917	3	9.5	14.2						
	13 19		2918	4	14.3	18.9						
	13 21		2919	5	19.0	23.6						
	13 23		2920	6	23.7	28.3						

STORET RETRIEVAL DATE 85/04/11

476584
35 26 39.0 084 54 38.0 2
CHICKAMAUGA RESERVOIR
47121 TENNESSEE MEIGS
TENNESSEE RIVER BASIN 040801
TENNESSEE RIVER 509.0
132TVAC 840810
0000 FEET DEPTH CSN-RSP 0740099-0695449

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	01029 CHROMIUM SEDMG/KG DRY WGT	39514 PCB-1016 SEDUG/KG DRY WGT	39491 PCB-1221 SEDUG/KG DRY WGT	39495 PCB-1232 SEDUG/KG DRY WGT	39499 PCB-1242 SEDUG/KG DRY WGT	39503 PCB-1248 SEDUG/KG DRY WGT
84/08/01	13 00		58.7	73.1	100.0	100.0						
	13 02		56.0	70.4	100.0	100.0						
	13 04		71.9	82.7	100.0	100.0						
	13 06		72.7	84.2	99.5	100.0						
	13 13						23	100.0U	100.0U	100.0U	100.0U	100.0U
	13 15						29	100.0U	100.0U	100.0U	100.0U	100.0U
	13 17						29	100.0U	100.0U	100.0U	100.0U	100.0U
	13 19						18	100.0U	100.0U	100.0U	100.0U	100.0U
	13 21						21	100.0U	100.0U	100.0U	100.0U	100.0U
	13 23						23	100.0U	100.0U	100.0U	100.0U	100.0U

DATE FROM TO	TIME OF DAY	DEPTH FEET	39507 PCB-1254 SEDUG/KG DRY WGT	39511 PCB-1260 SEDUG/KG DRY WGT
84/08/01	13 13		100.0U	100.0U
	13 15		100.0U	100.0U
	13 17		100.0U	100.0U
	13 19		100.0U	100.0U
	13 21		100.0U	100.0U
	13 23		100.0U	100.0U

STORET RETRIEVAL DATE 85/04/11

476574
35 41 29.0 084 43 23.0 2
WATTS BAR RESERVOIR
47145 TENNESSEE ROANE
TENNESSEE RIVER BASIN 040801
TENNESSEE RIVER 540.0
132TVAC 840720
0000 FEET DEPTH CSN-RSP 0738621-0695434

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	00002 HSAMPLOC % FROM RT BANK	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71921 MERCURY SEDMG/KG DRY WGT	71922 MERCURY LT 63 U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG
84/07/09	15 30		1460	AX	0.1	5.9	30					
	15 31		1467	AXD	0.1S	5.9S	30D					
	15 32		1461	BX	6.0	11.8	30					
	15 34		1462	CX	11.9	17.7	30					
	15 36		1463	DX	17.8	23.6	30					
	15 38		1464	EX	23.7	29.5	30					
	15 40		1465	FX	29.6	35.4	30					
	15 42		1466	GX	35.6	41.3	30					
	16 29		1584	1	0.1	2.0				0.56		
	16 30		1604	1D	0.1S	2.0S				0.67		
	16 31		1585	2	2.1	3.9				0.67		
	16 32		1586	3	4.0	5.9				0.56		
	16 33		1587	4	6.0	7.9				0.72		
	16 34		1588	5	8.0	9.8				0.82		
	16 35		1589	6	9.9	11.8				0.97		
	16 36		1590	7	11.9	13.8				1.40		
	16 37		1591	8	13.9	15.7				1.30		
	16 38		1592	9	15.8	17.7				1.30		
	16 39		1593	10	17.8	19.7				1.40		
	16 40		1594	11	19.8	21.7				1.40		
	16 41		1605	11D	19.8S	21.7S				1.60		
	16 42		1595	12	21.8	23.6				1.80		
	16 43		1596	13	23.7	25.6				2.20		
	16 44		1597	14	25.7	27.6				2.10		
	16 45		1598	15	27.7	29.5				2.40		
	16 46		1599	16	29.6	31.5				4.10		
	16 47		1600	17	31.6	33.5				7.80		
	16 48		1601	18	33.6	35.4				7.20		
	16 49		1602	19	35.5	37.4				3.80		
	16 50		1603	20	37.5	40.6				0.56		
	17 00		1468	A	0.1	9.8	30				22	
	17 01		1472	AD	0.1S	9.8S	30D					
	17 02		1469	B	9.9	19.7	30					
	17 04		1470	C	19.8	29.5	30					
	17 06		1471	D	29.6	39.4	30					

STORET RETRIEVAL DATE 85/04/11

476574
35 41 29.0 084 43 23.0 2
WATTS BAR RESERVOIR
47145 TENNESSEE ROANE
TENNESSEE RIVER BASIN 040801
TENNESSEE RIVER 540.0
132TVAC 840720
0000 FEET DEPTH CSN-RSP 0738621-0695434

/TYPA/AMENT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	01029 CHROMIUM SEDMG/KG DRY WGT	39514 PCB-1016 SEDUG/KG DRY WGT	39491 PCB-1221 SEDUG/KG DRY WGT	39495 PCB-1232 SEDUG/KG DRY WGT	39499 PCB-1242 SEDUG/KG DRY WGT	39503 PCB-1248 SEDUG/KG DRY WGT
84/07/09	15 30						42	100.0U	100.0U	100.0U	100.0U	100.0U
	15 31						43	100.0U	100.0U	100.0U	100.0U	100.0U
	15 32						39	100.0U	100.0U	100.0U	100.0U	100.0U
	15 34						45	100.0U	100.0U	100.0U	100.0U	100.0U
	15 36						50	100.0U	100.0U	100.0U	100.0U	100.0U
	15 38						54	100.0U	100.0U	100.0U	100.0U	100.0U
	15 40						43	100.0U	100.0U	100.0U	100.0U	100.0U
	15 42						42	100.0U	100.0U	100.0U	100.0U	100.0U
	17 00		97.7	98.6	100.0	100.0						
	17 01		98.4	99.3	100.0	100.0						
	17 02		97.9	99.5	100.0	100.0						
	17 04		98.9	99.3	100.0	100.0						
	17 06		98.6	99.3	100.0	100.0						

DATE FROM TO	TIME OF DAY	DEPTH FEET	39507 PCB-1254 SEDUG/KG DRY WGT	39511 PCB-1260 SEDUG/KG DRY WGT
84/07/09	15 30		100.0U	100.0U
	15 31		100.0U	100.0U
	15 32		100.0U	100.0U
	15 34		100.0U	100.0U
	15 36		100.0U	100.0U
	15 38		100.0U	100.0U
	15 40		100.0U	100.0U
	15 42		100.0U	100.0U

STORET RETRIEVAL DATE 85/04/11

476575
35 48 08.0 084 40 32.0 2
WATTS BAR RESERVOIR
47145 TENNESSEE ROANE
TENNESSEE RIVER BASIN 040801
TENNESSEE RIVER 552.0
132TVAC 840720
0000 FEET DEPTH CSN-RSP 0738622-0695436

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	00002 HSAMPLOC % FROM RT BANK	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71921 MERCURY SEDMG/KG DRY WGT	71922 MERCURY LT 63 U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG
84/07/10	10 14		1478	1	0.1	2.0				1.30		
	10 15		1497	1D	0.1S	2.0S				1.20		
	10 16		1479	2	2.1	3.9				0.97		
	10 17		1480	3	4.0	5.9				0.97		
	10 18		1481	4	6.0	7.9				1.10		
	10 19		1482	5	8.0	9.8				1.30		
	10 20		1483	6	9.9	11.8				1.20		
	10 21		1484	7	11.9	13.8				1.20		
	10 22		1485	8	13.9	15.7				1.10		
	10 23		1486	9	15.8	17.7				1.50		
	10 24		1487	10	17.8	19.7				1.70		
	10 25		1488	11	19.8	21.7				1.70		
	10 26		1498	11D	19.8S	21.7S				2.10		
	10 27		1489	12	21.8	23.6				2.00		
	10 28		1490	13	23.7	25.6				2.20		
	10 29		1491	14	25.7	27.6				2.40		
	10 30		1492	15	27.7	29.5				2.10		
	10 31		1493	16	29.6	31.5				2.60		
	10 32		1494	17	31.6	33.5				3.60		
	10 33		1495	18	33.6	35.4				4.90		
	10 34		1496	19	35.5	37.4				7.50		
	11 00		1542	A	0.1	11.8	35					
	11 01		1543	B	11.9	23.6	35					
	11 02		1544	C	23.7	35.4	35					
	11 03		1545	D	35.5	46.1	35					
	11 44		1499	AX	0.1	5.9	35					
	11 45		1506	AXD	0.1S	5.9S	35D					
	11 46		1500	BX	6.0	11.8	35					
	11 47		1501	CX	11.9	17.7	35					
	11 48		1502	DX	17.8	23.6	35					
	11 49		1503	EX	23.7	29.5	35					
	11 50		1504	FX	29.6	35.4	35					
	11 51		1505	GX	35.5	44.5	35					

21

STORET RETRIEVAL DATE 85/04/11

476575
35 48 08.0 084 40 32.0 2
WATTS BAR RESERVOIR
47145 TENNESSEE ROANE
TENNESSEE RIVER BASIN 040801
TENNESSEE RIVER 552.0
132TVAC 840720
0000 FEET DEPTH CSN-RSP 0738622-0695436

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	01029 CHROMIUM SEDMG/KG DRY WGT	39514 PCB-1016 SEDUG/KG DRY WGT	39491 PCB-1221 SEDUG/KG DRY WGT	39495 PCB-1232 SEDUG/KG DRY WGT	39499 PCB-1242 SEDUG/KG DRY WGT	39503 PCB-1248 SEDUG/KG DRY WGT
84/07/10	11 00		99.1	100.0	100.0	100.0						
	11 01		99.2	99.7	100.0	100.0						
	11 02		99.9	100.0	100.0	100.0						
	11 03		99.1	99.6	100.0	100.0						
	11 44						35	100.0U	100.0U	100.0U	100.0U	100.0U
	11 45						45	100.0U	100.0U	100.0U	100.0U	100.0U
	11 46						40	100.0U	100.0U	100.0U	100.0U	100.0U
	11 47						44	100.0U	100.0U	100.0U	100.0U	100.0U
	11 48						50	100.0U	100.0U	100.0U	100.0U	100.0U
	11 49						50	100.0U	100.0U	100.0U	100.0U	100.0U
	11 50						42	100.0U	100.0U	100.0U	100.0U	100.0U
	11 51						38	100.0U	100.0U	100.0U	100.0U	100.0U

DATE FROM TO	TIME OF DAY	DEPTH FEET	39507 PCB-1254 SEDUG/KG DRY WGT	39511 PCB-1260 SEDUG/KG DRY WGT
84/07/10	11 44		100.0U	100.0U
	11 45		100.0U	100.0U
	11 46		100.0U	100.0U
	11 47		100.0U	100.0U
	11 48		100.0U	100.0U
	11 49		100.0U	100.0U
	11 50		100.0U	100.0U
	11 51		100.0U	100.0U

STORET RETRIEVAL DATE 85/04/16

476607
35 47 52.0 084 28 14.0 2
WATTS BAR RESERVOIR
47145 TENNESSEE ROANE
TENNESSEE RIVER BASIN 040801
TENNESSEE RIVER 574.4
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749239-0695478

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	00002 HSAMPLOC % FROM RT BANK	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71921 MERCURY SEDMG/KG DRY WGT	71922 MERCURY LT 63 U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG
84/10/11	13 35			A	0.1	2.0	50			0.10U		
	13 37			B	2.1	3.9	50			0.15		
	13 39			C	4.0	5.9	50			0.10U		
	13 41			D	6.0	7.9	50			0.10U		
	13 43			E	8.0	9.8	50			0.20		
	13 45			F	9.9	11.8	50			0.15		
	13 47			G	11.9	13.8	50			0.15		
	13 49			H	13.9	15.7	50			0.15		
	13 51			I	15.8	17.7	50			0.15		
	13 53			J	17.8	19.7	50			0.10U		
	13 55			K	19.8	21.7	50			0.10U		
	13 57			L	21.8	23.6	50			0.15		
	13 59			M	23.7	25.6	50			0.15		
	14 01			N	25.7	27.6	50			0.15		
	14 03			P	27.7	30.3	50			0.30 15		
	14 10		6272	A	0.1	7.9	50					
	14 12		6273	B	8.0	15.7	50					
	14 14		6274	C	15.8	23.6	50					
	14 16		6275	D	23.7	29.9	50					
	14 40		6249	A	0.1	3.9	50					
	14 41		6270	AD	0.1S	3.9S	50S					
	14 42		6250	B	4.0	7.9	50					
	14 44		6251	C	8.0	11.8	50					
	14 46		6252	D	11.9	15.7	50					
	14 48		6253	E	15.8	19.7	50					
	14 50		6254	F	19.8	23.6	50					
	14 52		6255	G	23.7	27.6	50					
	14 54		6256	H	27.7	31.5	50					
	14 56		6257	I	31.6	35.4	50					
	14 58		6258	J	35.5	39.4	50					
	15 00		6259	AD	0.1D	3.9D	50D					
	15 02		6260	BD	4.0D	7.9D	50D					
	15 03		6271	BDD	4.0S	7.9S	50S					
	15 04		6262	CD	8.0D	11.8D	50D					
	15 06		6263	DD	11.9D	15.7D	50D					
	15 08		6264	ED	15.8D	19.7D	50D					

STORET RETRIEVAL DATE 85/04/16

476607
35 47 52.0 084 28 14.0 2
WATTS BAR RESERVOIR
47145 TENNESSEE ROANE
TENNESSEE RIVER BASIN 040801
TENNESSEE RIVER 574.4
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749239-0695478

/TYPA/AGENT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	00008 LAB IDENT. NUMBER	84068 SERIES CODE ALPHA	81900 SEDIMENT UPPER DEPTH IN	81901 SEDIMENT LOWER DEPTH IN	00002 HSAMPLOC % FROM RT BANK	70320 MOISTURE CONTENT PERCENT	71821 SPECIFIC GRAVITY SEDGM/GM	71921 MERCURY SEDMG/KG DRY WGT	71922 MERCURY LT 63 U SEDMG/KG	80331 MERCURY LT 500U SEDMG/KG
84/10/11	15	10	6265	FD	19.8D	23.6D	50D					
	15	12	6266	GD	23.7D	27.6D	50D					
	15	14	6267	HD	27.7D	31.5D	50D					
	15	16	6268	ID	31.6D	35.4D	50D					
	15	18	6269	JD	35.5D	39.4D	50D					

DATE FROM TO	TIME OF DAY	DEPTH FEET	80203 TOT SED SIEVE %<.062MM	80204 TOT SED SIEVE %<.125MM	80206 TOT SED SIEVE %<.500MM	80208 TOT SED SIEVE %<2.00MM	01029 CHROMIUM SEDMG/KG DRY WGT	39514 PCB-1016 SEDUG/KG DRY WGT	39491 PCB-1221 SEDUG/KG DRY WGT	39495 PCB-1232 SEDUG/KG DRY WGT	39499 PCB-1242 SEDUG/KG DRY WGT	39503 PCB-1248 SEDUG/KG DRY WGT
84/10/11	14	10	98.6	99.8	100.0	100.0						
	14	12	45.0	67.7	99.7	100.0						
	14	14	92.7	98.5	100.0	100.0						
	14	16	67.8	90.6	99.5	100.0						
	14	40					32	100.0U	100.0U	100.0U	100.0U	100.0U
	14	41					32	100.0U	100.0U	100.0U	100.0U	100.0U
	14	42					21	100.0U	100.0U	100.0U	100.0U	100.0U
	14	44					31	100.0U	100.0U	100.0U	100.0U	100.0U
	14	46					27	100.0U	100.0U	100.0U	100.0U	100.0U
	14	48					24	100.0U	100.0U	100.0U	100.0U	100.0U
	14	50					30	100.0U	100.0U	100.0U	100.0U	100.0U
	14	52					29	100.0U	100.0U	100.0U	100.0U	100.0U
	14	54					25	100.0U	100.0U	100.0U	100.0U	100.0U
	14	56					39	100.0U	100.0U	100.0U	100.0U	100.0U
	14	58					36	100.0U	100.0U	100.0U	100.0U	100.0U
	15	00					20	100.0U	100.0U	100.0U	100.0U	100.0U
	15	02					22	100.0U	100.0U	100.0U	100.0U	100.0U
	15	03					18	100.0U	100.0U	100.0U	100.0U	100.0U
	15	04					29	100.0U	100.0U	100.0U	100.0U	100.0U
	15	06					33	100.0U	100.0U	100.0U	100.0U	100.0U
	15	08					20	100.0U	100.0U	100.0U	100.0U	100.0U
	15	10					38	100.0U	100.0U	100.0U	100.0U	100.0U
	15	12					28	100.0U	100.0U	100.0U	100.0U	100.0U
	15	14					27	100.0U	100.0U	100.0U	100.0U	100.0U
	15	16					36	100.0U	100.0U	100.0U	100.0U	100.0U
	15	18					39	100.0U	100.0U	100.0U	100.0U	100.0U

STORET RETRIEVAL DATE 85/04/16

476607
35 47 52.0 084 28 14.0 2
WATTS BAR RESERVOIR
47145 TENNESSEE ROANE
TENNESSEE RIVER BASIN 040801
TENNESSEE RIVER 574.4
132TVAC 841026
0000 FEET DEPTH CSN-RSP 0749239-0695478

/TYPA/AMBNT/STREAM

DATE FROM TO	TIME OF DAY	DEPTH FEET	39507 PCB-1254 SEDUG/KG DRY WGT	39511 PCB-1260 SEDUG/KG DRY WGT
84/10/11	14 40		100.0U	100.0U
	14 41		100.0U	100.0U
	14 42		100.0U	100.0U
	14 44		100.0U	100.0U
	14 46		100.0U	100.0U
	14 48		100.0U	100.0U
	14 50		100.0U	100.0U
	14 52		100.0U	100.0U
	14 54		100.0U	100.0U
	14 56		100.0U	100.0U
	14 58		100.0U	100.0U
	15 00		100.0U	100.0U
	15 02		100.0U	100.0U
	15 03		100.0U	100.0U
	15 04		100.0U	100.0U
	15 06		100.0U	100.0U
	15 08		100.0U	100.0U
	15 10		100.0U	100.0U
	15 12		100.0U	100.0U
	15 14		100.0U	100.0U
	15 16		100.0U	100.0U
	15 18		100.0U	100.0U

APPENDIX V

INSTREAM CONTAMINANT STUDY - TASK 2

QUALITY CONTROL

FIGURE 1

Sample Collection, Shipping and Receiving

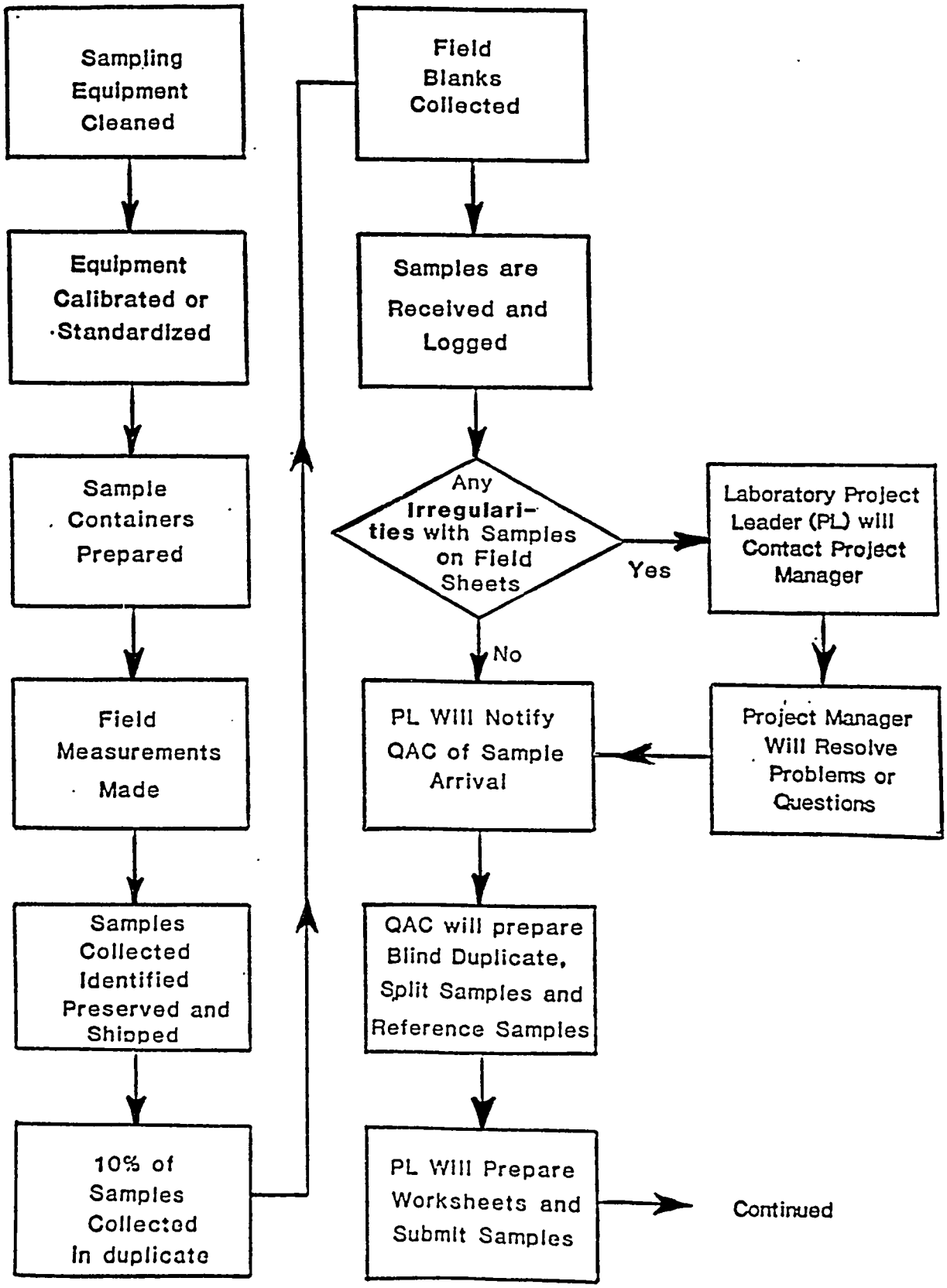
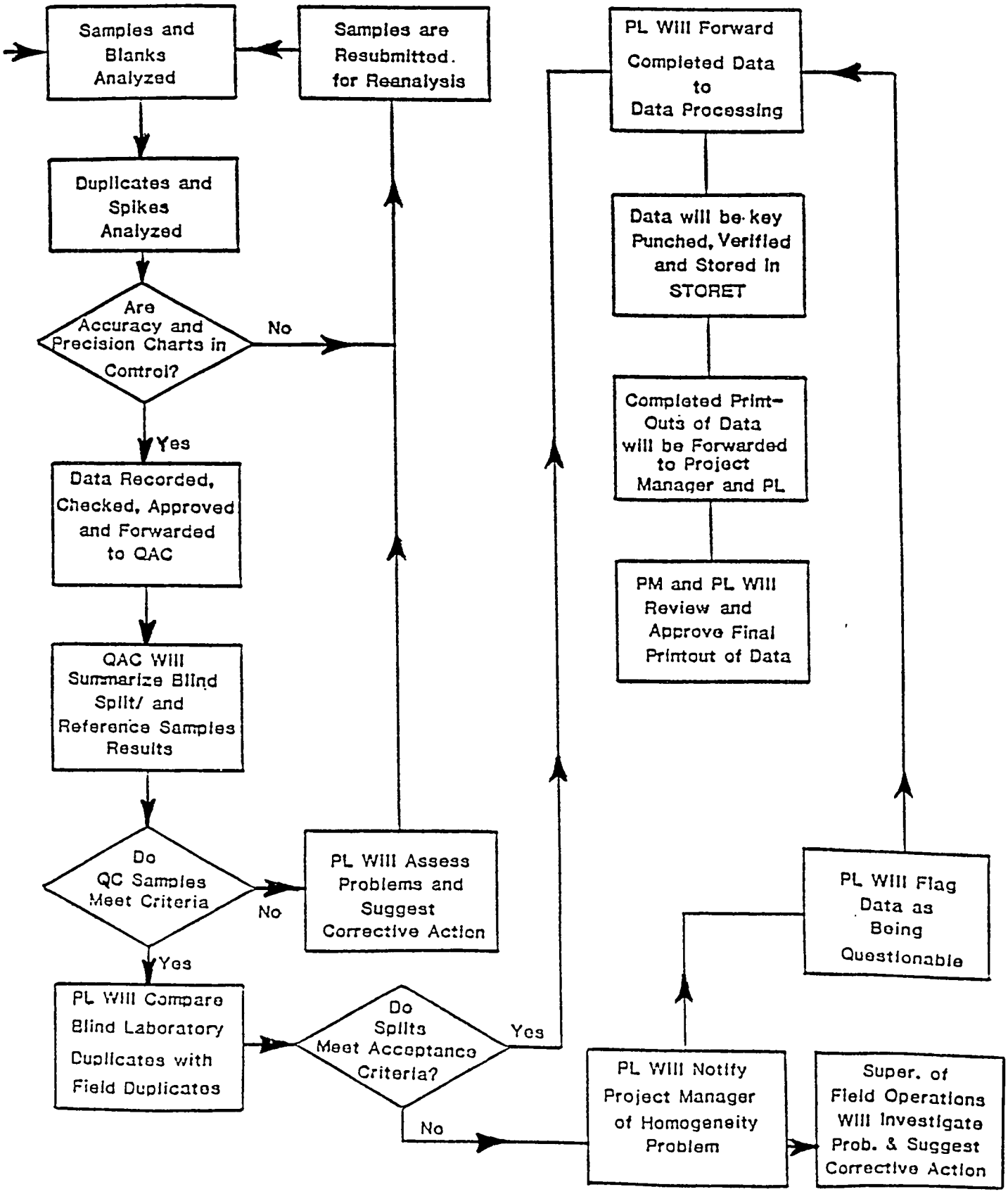


FIGURE 2
Laboratory Analysis and Data Reporting



APPENDIX V

LABORATORY ANALYSIS PROCEDURES

1.0 Sediment

1.1 Routine Parameters

1.1.1 Applicable Documents

1.1.1.1 Procedures for Handling and Chemical Analysis of Sediment and Water Samples, EPA/Corps of Engineers, Environmental Laboratory, U.S. Army Engineer, Waterways Experiment Station, P.O. Box 631, Vicksburg, Mississippi, May 1981.

1.1.1.2 "Interim Methods for the Sampling and Analysis of Priority Pollutants in Sediments and Fish Tissues," EPA 60014-81-055, Environmental Protection Agency, Cincinnati, Ohio, October 1980.

1.1.1.3 Methods for Chemical Analysis of Water and Wastes, Environmental Protection Agency, Office of Research and Development, Cincinnati, Ohio, 1979.

1.1.1.4 Guy, H. P., "Laboratory Theory and Methods for Sediment Analysis," Book 5, Chapter C1, Techniques of Water-Resources Investigations of the United States Geological Survey, U.S. Government Printing Office, Washington, DC, 1969.

1.1.1.5 Welch, N. H., P. B. Allen, and D. J. Galindo, "Particle-Size Analysis by Pipette and Sedigraph," prepublication manuscript.

1.1.1.6 Instruction Manual, Sedigraph 5000D Particle Size Analyzer, Micromeritics Instrument Corporation, MIC P/N 500/42801/00, Norcross, Georgia, 1978.

1.1.1.7 "Procedures for Determination of Stable Elements and Radionuclides in Environmental Samples," Public Health Service Publication 999-RH-10, January 1965.

1.1.1.8 "Handbook of Radiochemical Analytical Methods," F. B. Johns, Editor, EPA 680/4-75-001, February 1975.

1.1.1.9 R. E. Stevens, W. H. Wood, K. G. Geotz, and C. A. Horr, Anal. Chem. 31, 962 (1959).

1.1.1.10 "Gross Alpha and Gross Beta Activity Determination," Procedure Number G-01, Laboratory Services, Tennessee Valley Authority, Muscle Shoals, Alabama, July 1984.

1.1.1.11 "Radiochemical Determination of Strontium-89,-90 in Environmental Samples," Procedure Number Sr-01, Laboratory Services, Tennessee Valley Authority, Muscle Shoals, Alabama, February 1985.

1.1.1.12 "Fluorometric Determination of Uranium in Environmental Samples," Procedure Number U-01, Laboratory Services, Tennessee Valley Authority, Muscle Shoals, Alabama, August 1984.

1.1.1.13 "Gamma Analysis of Environmental Samples," Procedure Number G-03, Laboratory Services, Tennessee Valley Authority, Muscle Shoals, Alabama, November 1980.

1.1.1.14 "Germanium Spectroscopy System Operating Procedure," Procedure Number OP-05, Laboratory Services, Tennessee Valley Authority, Muscle Shoals, Alabama, June 1984.

1.1.2 Summary of Methods

Parameter	Applicable Documents	Type of Analysis	Detection Limit
Mercury	1.1.1.3, Method 245.5	Cold Vapor	0.1 µg/g
Specific Gravity	1.1.1.1, Page 3-61, 2	Gravimetric	Not Applicable
Arsenic	1.1.1.2, Pages 52-53	Gaseous Hydride	2 µg/g
Cadmium	1.1.1.2, Pages 38-41	ICP	0.5 µg/g
Chromium	1.1.1.2, Pages 38-41	ICP	5 µg/g
Lead	1.1.1.2, Pages 38-41	ICP	5 µg/g
Nickel	1.1.1.2, Pages 38-41	ICP	5 µg/g
Silver	1.1.1.2, Pages 38-41	ICP	1 µg/g
Extractable Organics	1.1.1.2, Pages 12-14	Mechanical Dispersion Extraction, GC/MS	Various Detection Limits
PCBs	1.1.1.2, Pages 12-14	Mechanical Dispersion Extraction GC/EC	0.1 µg/g
Oil and Grease	1.1.1.1, Pages 3-284-7	Gravimetric	500 µg/g
Total Phenols	1.1.1.2, Pages 30-31	Distillation - Chloroform Extraction	0.4 µg/g
Cyanide	1.1.1.2, Pages 24-26	Colorimetric	1 µg/g
Cation Exchange Capacity	1.1.1.1, Pages 3-25-26	Centrifugation	0.1 meq/100g
Particle Size (2.0 µmh to 0.63 µ)	1.1.1.4	Wet Sieve	0.1%
Particle Size (0.063 µm to 0.45 µ)	1.1.1.5 and 1.1.1.6	Micrometrics Sedigraph	0.1%

Parameter	Applicable Documents	Type of Analysis	Detection Limit
Gross Alpha	1.1.1.7; 1.1.1.10	Alpha Counting	0.35 pCi/g[a]
Gross Beta	1.1.1.7; 1.1.1.10	Beta Counting	0.70 pCi/g
Sr-89	1.1.1.8; 1.1.1.11	Ion Exchange Separation; Beta Counting	1.5 pCi/g
Sr-90	1.1.1.8; 1.1.1.11	Ion Exchange Separation; Beta Counting	0.3 pCi/g
Uranium	1.1.1.9; 1.1.1.12	Fluorometric	Not Established
Gamma-Emitting Radionuclides	1.1.1.13; 1.1.1.14	Gamma Spectral Analysis of Ge(Li) Spectra	0.01-0.11 pCi/g

[a]Results based on sample dry weight.

1.2 Nonroutine Parameters

1.2.1 Mercury by Particle Size Fraction

1.2.1.1 Applicable Documents

See reference 2.1.1.4 and method 245.5 of reference 2.1.1.5.

1.2.1.2 Summary of Method

Twigs, leaves, and other debris were moved to the extent possible leaving only rocks, gravel, and sediment. An aliquot of a well mixed sample was wet sieved through a stack of the following size screens: 6.25 mm, 2.0 mm, 0.5 mm, 0.125 mm, and 0.063 mm. The material retained on each sieve along with the sediment passing through the 0.063 mm sieve was dried at 60°C. Each fraction was then reweighed and mercury determined. Mercury and particle size was reported for each fraction.

1.2.1.3 Sample Size

50 g

1.2.1.4 Minimum Detectable Amount

0.1 μg/g

1.2.2 Zirconium

1.2.2.1 Applicable Documents

Korte, N., M. Hollenbach, and S. Donivan, "Determination of Zr:Hf Ratios by Coupled Plasma Emission Spectroscopy," Atomic Spectroscopy, Vol. 3, 79 and 80, (1982).

1.2.2.2 Summary of Method

Zirconium in the bottom material was analyzed by utilizing a lithium metaborate fusion method and a analytical finish by inductively coupled plasma atomic emission spectroscopy. The Laboratory Branch obtained a stock standard solution of zirconium from the Spex Industries, Inc. An analytical method was established on the Perkin-Elmer ICP 5500 using the most sensitive analytical wavelength. The accuracy and precision of the method was verified by replicate analysis of Eastman reference material TEG-50-C. Sediment digestates were examined spectroscopically for interferences and appropriate instrumental corrections were applied.

1.2.2.3 Sample Size

0.5 g

1.2.2.4 Minimum Detectable Amount

50 μg/g

APPENDIX V - TABLES 1 to 7

QUALITY CONTROL RESULTS

TABLE 1

RESULTS OF REFERENCE SAMPLES ANALYZED WITH SEDIMENT SAMPLES

Parameter	No. of Observations	Reference Concentration Range (μg/g)	Average Percent Recovery	Standard Deviation of Percent REcovery	95% of Confidence Interval of the Percent Recovery
Arsenic	10	11.6 - 115	81.6	2.7	81.6 ± 1.9
Silver	6	56	120	29	120 ± 30
Cadmium	9	10.2 - 45	98.6	21	98.6 ± 16
Chromium	14	40.2 - 30,020	87.6	4.8	87.6 ± 2.8
Mercury	37	1.1 - 55	94.3	5.2	94.3 ± 1.8
Nickel	11	32 - 52	94.5	9.7	94.5 ± 6.8
Lead	12	28.2 - 714	112	9.4	112 ± 6.0
Zinc	9	53 - 1720	90.1	5.6	90.1 ± 4.3
Zirconium	3	45	104	2.4	104 ± 6.0

TABLE 2

Results of Blind Laboratory and Field Duplicates
of Sediment Samples Collected for Nonradiological Analyses

Parameter	Laboratory Duplicates # Observation	Laboratory Duplicates % RSD	Field Duplicates # Observation	Field Duplicates % RSD	Remarks
Cation Exchange Capacity	5	5.9	NC	-	
Cyanide	4	*	NC	-	
Arsenic	5	12.2	NC	-	
Cadmium	5	14.8	NC	-	
Chromium	12	9.5	16	10.0	
Mercury, Total	5	10.2	NC	-	Avg. of 3 values
Mercury, Total	7	8.9	NC	-	Single Detr.
Mercury, <6.35 mm	6	27.0	2	60.2	Single Detr.
Mercury, <2.0 mm	6	26.4	2	59.7	Single Detr.
Mercury, <500 mm	14	7.4	4	24.6	Avg. of 3 values
Mercury, <500 mm	14	27.6	32	52.1**	Single Detr.
Mercury, <500 mm	-	-	40	62.2***	Single Detr.
Mercury, <125 mm	6	30.1	2	57.8	Single Detr.
Mercury, < 62 mm	13	20.3	4	24.6	Avg. of 3 values
Mercury, < 62 mm	7	25.2	13	55.5	Single Detr.
Lead	5	10.3	NC	-	
Nickel	5	20.9	NC	-	
Silver	5	22.6	NC	-	
Zirconium	5	7.2	NC	-	
% Moisture	25	4.9	8	8.4	
Oil and Grease	2	27.7	NC	-	
Particle Size, <6.35 mm	3	17.2	NC	NC	

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Parameter	Laboratory Duplicates # Observation	Laboratory Duplicates % RSD	Field Duplicates # Observation	Field Duplicates % RSD	Remarks
Particle Size, <2.0 µm	30	3.0	21	1.1	
Particle Size, <500 µm	35	7.7	41	4.1**	
Particle Size, <500 µm	-	-	40	3.2***	
Particle Size, <125 µm	16	7.9	6	3.8	
Particle Size, <62 µm	32	10.9	21	13.9	
Particle Size, <16 µm	5	9.9	NC	-	
Particle Size, <8 µm	5	13.2	NC	-	
Particle Size, <2 µm	5	25.2	NC	-	
Particle Size, <0.5 µm	5	39.7	NC	-	
PCB, Total	12	0.7	16	All less than detection limit	10 of 12 (Lab Dup.) values less than detection limit.
Phenol, Total	4	32.0	NC	-	2 of 4 values less than detection limit
Specific Gravity	24	3.5	8	3.1	
% Volatile Solids	5	5.6	NC	-	

*All values less than the detection limit.
**Field duplicate collected on same day.
***Field duplicated collected two months apart.
NC = not collected.

TABLE 3

RESULTS OF BLIND FIELD DUPLICATES OF
SEDIMENT SAMPLES COLLECTED FOR RADIOLOGICAL ANALYSES

Parameters	Units[a]	Field Duplicates[b] Value #1	Value #2
Gross Alpha	pCi/g	4±2	5±3
		40±10	39±9
		16±4	15±4
		2.9±0.9	6±1
		4±2	3±2
		0.2±0.3	-0.3±0.3
		-0.3±0.3	-0.3±0.3
		-0.3±0.3	-0.3±0.3
		2.1±0.7	4±1
Gross Beta	pCi/g	18±4	17±4
		110±20	110±20
		90±20	80±20
		22±4	60±10
		22±5	12±3
		1,600±300	3,500±700
		10,300±2,000	12,200±2,400
		4,500±900	6,800±1,300
		670±130	480±90
Sr-89	pCi/g	0.3±0.3	0.4±0.3
		0.1±0.3	0.5±0.3
		0.6±0.5	0.2±0.4
		0.4±0.3	0.3±0.3
		-8±15	-10±31
		-39±54	-77±108
		-31±95	-29±116
		-30±42	-26±28
Sr-90	pCi/g	0.0±0.1	0.0±0.1
		0.1±0.1	0.0±0.1
		0.0±0.2	0.1±0.1
		0.0±0.1	0.1±0.1
		36±9	75±19
		127±20	247±39
		230±35	277±43
		109±15	71±17
Uranium	μg/g	24±4	26±4
		16±3	18±3
		9±2	29±4
		1.7±0.3	0.8±0.3
		0.7±0.2	3.4±0.6
		3.0±0.5	6±1
		8±1	6.8±0.9
		7±2	4.5±0.9

TABLE 3 CONTINUED

Parameters	Units[a]	Field Duplicates[b] Value #1	Value #2
Gamma Spectral Analysis			
K-40	pCi/g	16±2	14±2
		25±2	21±2
		3.6±0.8	14±2
		8.4±0.8	3.3±0.4
		25±4	22±3
		20±2	22±2
		19±2	20±3
		18±2	20±2
Cs-134	pCi/g	0.9±0.5	0.9±0.4
Cs-137	pCi/g	2.8±0.3	2.7±0.2
		1.1±0.1	1.06±0.08
		4.2±0.3	1.2±0.1
		0.51±0.06	1.09±0.08
		4,300±300	8,600±1,400
		19,000±1,200	26,200±2,400
		8,500±500	12,700±800
		560±40	350±20
Co-60	pCi/g	118±8	121±9
		153±27	176±13
		133±9	170±21
		15±1	12±1
Ac-228	pCi/g	1.8±0.3	1.7±0.2
		1.3±0.2	1.1±0.1
		0.9±0.2	2.0±0.3
		0.56±0.06	0.46±0.06
		2.5±0.9	2±1
		4±1	7±2
		4±1	4±2
		1.5±0.4	1.7±0.4
Th-234	pCi/g	21±3	23±3
		9±1	6.7±0.8
		6.5±0.9	19±2
		1.1±0.3	-

TABLE 3 CONTINUED

Parameters	Units[a]	Field Duplicates[b] Value #1	Value #2
Pb-212	pCi/g	3.0±0.3	3.3±0.4
		1.4±0.2	1.3±0.2
		1.1±0.2	2.1±0.3
		0.54±0.05	0.39±0.05
		2±1	-
		4±2	5±3
		2.2±0.7	3±2
		1.4±0.5	1.2±0.3
Tl-208	pCi/g	1.0±0.2	1.2±0.1
		0.53±0.07	0.47±0.05
		0.42±0.08	0.7±0.1
		0.18±0.02	0.13±0.02
		1.4±0.4	-
		0.7±0.2	0.6±0.2
Bi-214	pCi/g	1.0±0.2	0.8±0.1
		0.7±0.1	0.58±0.05
		0.6±0.1	0.8±0.1
		0.60±0.05	0.42±0.05
		1.4±0.8	-
		1.0±0.5	1.3±0.7
		1.5±0.5	1.6±0.7
		1.3±0.4	1.1±0.3
Pb-214	pCi/g	1.1±0.2	0.9±0.1
		0.8±0.1	0.83±0.63
		0.6±0.1	1.0±0.2
		0.67±0.06	0.47±0.04
		1.4±0.6	1.0±0.4
Bi-212	pCi/g	3.1±0.6	3.7±0.7
		1.6±0.4	1.6±0.2
		1.6±0.5	2.2±0.6
		0.7±0.1	0.45±0.09
		3±1	-
Eu-152	pCi/g	7±3	-
Eu-154	pCi/g	13±3	11±2
		2.5±0.9	9±3
		1.2±0.4	1.5±0.7
Am-241	pCi/g	10±4	73±11
		12±4	19±11

[a]Results based on sample dry weight.

[b]Error terms represent 95 percent confidence limits.

TABLE 4

RESULTS OF BLIND LABORATORY DUPLICATE SAMPLES
FOR BASE-NEUTRAL ANALYSES OF SEDIMENT

Lab #	Compound	Laboratory Duplicates Value #1	Value #2	% RSD
B00426 and B00429	Bis(2-ethyl hexyl)phthalate	1500	1700	11.1
	Fluoroanthene	2700	2000	26.5
	Phenanthrene	2000	1300	37.8
	Pyrene	1800	1400	22.2
B00473 and B00476	Anthracene	680M	720U	-
	Fluoroanthene	970	720U	-
	Phenanthrene	690	<720U	-
	Pyrene	710	720U	-
B00515 and B00858	Bis(2-ethyl hexyl)phthalate	780	660M	-
	Phenanthrene	660M	<680M	-
B00859 and B00860	Anthracene	680M	690M	-
	Benzo(a)anthracene	680M	690M	-
	Benzo(a)pyrene	680M	690U	-
	Bis(2-ethyl hexyl) phthalate	1300	2600	59.3
	Chrysene	680M	690M	-
	Di-N-octyl phthalate	680U	690M	-
	Fluoroanthene	1400	1200	13.7
	Phenanthrene	800	690M	-
	Pyrene	1000	840	15.5
B05883 and B05887	Bis(2-ethyl hexyl)phthalate	820U	1600	-

M = Detected but not measurable

U = Not detected

TABLE 5

Results of Split Sediment Samples with EPA
Region IV, Athens, GA

PARAMETER	LAB #	LAB: EPA (mg/kg)	LAB: TVA (mg/kg)	% RELATIVE ERROR
Mercury	B00436	53	68	-22.1
	B00448	56	58 *	-3.1
	B00453	64	65	-1.4
	B00501	0.07	0.21 *	-89.0
	B00562	11	17 *	-42.9
	B00582	23	23	0.0
	B00861	38	34 *	11.1
	B00862	12	9.0	28.6
	B00867	0.23	0.50	-74.0
	B00872	410	450	-9.3
	B01473	3.2	3.8 *	-17.1
	B01511	0.05	<0.1 *	-
	B01584	0.35	0.61 *	-54.2
	B02304	<0.09	<0.1	-
	B05682	0.38	0.52 *	-31.1
	B05694	0.27	0.40 *	-38.8
	B05726	517	605 *	-15.7
	B05835	1.3	5.7 *	-126
	B05881	10.7	14.0 *	-26.7
	B06153	72	68 *	5.7
	B06159	5.6	4.9 *	13.3
	B06178	0.53	0.64 *	-18.8
	B05665	<0.09	0.1 *	-

TABLE 5 (continued)

PARAMETER	LAB #	LAB: EPA (mg/kg)	LAB: TVA (mg/kg)	% RELATIVE ERROR
Mercury	B05677	<0.09	<0.1 *	-
Chromium	B01461	39	39	0.0
	B02882	36	43 *	-17.7
	B02883	40	42 *	-4.9
	B02922	36	37	-2.7
	B00426	66	48 *	31.6
	B00473	46	35 *	27.2
	B00515	23	26 *	-12.2
	B00859	65	58 *	11.4
Phenol, total	B00426	<3.8	<0.4 *	-
	B00473	<2.8	1.2 *	-
	B00515	<3.1	1.0 *	-
	B00859	<2.8	<0.4 *	-
Cyanide	B00426	1.4	<1 *	-
	B00473	1.2	<.8 *	-
	B00515	0.42	<.8 *	-
	B00859	0.48	<1 *	-
Arsenic	B00426	<12	14 *	-
	B00473	<20	10 *	-
	B00515	<8	3.8 *	-
	B00859	<12	5.0 *	-
Cadmium	B00426	11	8.2 *	29.2
	B00473	13	8.6 *	40.7
	B00515	<1	<0.5 *	-
	B00859	4.8	1.2 *	120
Lead	B00426	71	91 *	-22.0
	B00473	61	84 *	-28.2
	B00515	14	38 *	-92.3

TABLE 5 (continued)

PARAMETER	LAB #	LAB: EPA (mg/kg)	LAB: TVA (mg/kg)	% RELATIVE ERROR
Lead	B00859	22	75 *	-109
Nickel	B00426	72	60 *	18.2
	B00473	130	150 *	-14.3
	B00515	15	19 *	-23.4
	B00859	81	74 *	9.0
Silver	B00426	36	44 *	-20.0
	B00473	<5	<1 *	-
	B00515	<2	2 *	-
	B00859	4.8	9 *	-60.9
PCB, Total	B001461	<0.2	<0.1	-
	B02882	<0.5	<0.1 *	-
	B02883	<0.2	<0.1 *	-
	B02922	<0.2	<0.1 *	-
	B06249	<0.3	<0.1 *	-
	B00426	6.0	6.0 *	0.0
	B00473	<0.3	<0.1 *	-
	B00515	<0.3	<0.1 *	-
	B00859	1.7	1.7 *	0.0
Phenanthrene	B00426	9.0 **	2.0	127
Fluoranthene	B00426	10 **	2.7	115
Pyrene	B00426	10 **	1.8	139
Benzo(A)anthracene	B00426	5.0 **	0.75 m	-
Chrysene	B00426	6.0 **	0.75 u	-
Benzo(B)fluoranthene	B00426	4.0 **	0.75 u	-

TABLE 5 (Continued)

PARAMETER	LAB #	LAB: EPA (mg/kg)	LAB: TVA (mg/kg)	% RELATIVE ERROR
Indeno(1,2,3-CD)pyrene	B00426	3.0 **	0.75 u	-
Benzo(GHI)perylene	B00426	3.0 **	0.75 u	-
Phenanthrene	B00473	2.0 **	0.69	97.4
Anthracene	B00473	0.5 **	0.68 m	-
Fluoranthene	B00473	4.1	0.97	123
Pyrene	B00473	3.3	0.71	129
Benzo(A)anthracene	B00473	2.0 **	0.72 u	-
Chrysene	B00473	2.0 **	0.72 u	-
Benzo(B)fluoranthene	B00473	1.0 **	0.72 u	-
Benzo-A-pyrene	B00473	1.0 **	0.72 u	-
Indeno(1,2,3-CD)pyrene	B00473	1.0 **	0.72 u	-
Benzo(GHI)perylene	B00473	1.0 **	0.72 u	-
Bis(2-ethyl-hexyl) phthalate	B00515	5.0 u	0.78	-
Phenanthrene	B00515	5.0 u	0.66 m	-
Naphthalene	B00859	0.3 **	0.69 u	-
Phenanthrene	B00859	2.0 **	0.8	85.7
Anthracene	B00859	0.6 **	0.69 m	-
Fluoranthene	B00859	3.6	1.3	93.9
Pyrene	B00859	2.8	.92	101
Benzo(A)anthracene	B00859	1.0 **	0.69 m	-
Chrysene	B00859	1.0 **	0.69 m	-
Benzo(B)fluoranthene	B00859	1.0 **	0.69 u	-
Benzo(A)pyrene	B00859	1.0 **	0.68 u	-
Indeno(1,2,3-CD)pyrene	B00859	0.9 **	0.69 u	-

TABLE 5 (continued)

PARAMETER	LAB #	LAB: EPA (mg/kg)	LAB: TVA (mg/kg)	% RELATIVE ERROR
Benzo(GHI)perylene	B00859	0.8 **	0.69 u	-
Bis(2-ethyl-hexyl)phthalate	B00859	5.0 u	2.0	-
Di-n-octyl-phthalate	B00859	5.0 u	0.69 m	-

*Average of duplicate values.
**Estimated value.

u = not detected.
m = detected but not measurable.

TABLE 6

SUMMARY OF TVA-EPA REGION IV SPLIT SEDIMENT DATA

Parameter	Number of Samples *	Mean % RE	Ratio (EPA/TVA)
Mercury	20	-25.6	0.77
Chromium	8	4.1	1.04
Phenol, Total	4	**	**
Cyanide	4	**	**
Arsenic	4	**	**
Cadmium	3	67.1	2.01
Lead	4	-62.9	0.52
Nickel	4	- 2.7	0.97
Silver	2	-40.4	0.66
PCB, Total	2	0.0	1.00
Base-Neutral Organic Priority Pollutant Compounds	4	112.	3.54

*All less than values were excluded.
**All values were less than detection limit.

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TABLE 7

RESULTS OF SPLIT SEDIMENT SAMPLES
WITH EPA EASTERN ENVIRONMENTAL RADIATION FACILITY (EERF)

Parameter	Lab #	Units[a]	Lab: EPA's EERF	Lab: TVA's WARL
Gross Alpha	407304	pCi/g	20±3	3±1
	405129		11±2	7±3
	505748		17±3	7±3
	405112		90±6	39±9
Gross Beta	407304	pCi/g	774±8	836±164
	405129		33±2	50±10
	505748		148±4	398±40
	405112		62±2	110±20
Sr-89	407304	pCi/g	-3±1	-4±7
	405129		0.5±0.7	0.1±0.3
	505748		0.1±0.3	-1±1
	407334		0.3±0.4	0.2±0.7
	405112		0.5±0.4	0.4±0.3
Sr-90	407304	pCi/g	19.4±0.9	17±4
	405129		0.5±0.6	0.1±0.1
	505748		1.4±0.2	1.8±0.6
	407334		0±0.3	0.1±0.1
	405112		-0.2±0.3	0±0.1
U, Total	407304	μg/g	-	1.9±0.3
	405129		-	9±2
	505748		-	1.6±0.3
	407334		-	1.3±0.4
	405112		-	26±4
U-234	407304	pCi/g	2.0±0.3	-
	405129		1.2±0.2	-
	505748		0.8±0.1	-
	407334		0.7±0.1	-
	405112		22±2	-
U-235	407304	pCi/g	0.02±0.02	-
	405129		0.08±0.04	-
	505748		0.02±0.02	-
	407334		0.03±0.02	-
	405112		0.8±0.3	1.2±0.5
U-238	407304	pCi/g	0.7±0.1	-
	405129		1.8±0.2	-
	505748		0.7±0.1	-
	407334		0.8±0.1	-
	405112		19±2	-

TABLE 7 CONTINUED

Parameter	Lab #	Units[a]	Lab: EPA's EERF	Lab: TVA's WARL
Gamma Spectral Analysis				
K-40	407304	pCi/g	14±3	14±9
	405129		18.4±0.9	18±2
	505748		11.5±0.8	10.8±0.8
	407334		11.3±0.2	13±2
	405112		13.4±0.8	14±2
Co-60	407304	pCi/g	150±2	130±8
	505748		1.34±.07	1.2±0.1
Cs-134	407304	pCi/g	1.3±0.7	1.2±0.2
Cs-137	407304	pCi/g	1300±10	1085±190
	405129		0.07±0.04	0.09±0.02
	505748		192±2	167±11
	407334		2.93±0.03	3.2±0.3
	405112		2.33±0.07	2.7±0.2
Eu-152	407304	pCi/g	9±3	8.0±0.8
Eu-154	407304	pCi/g	10±3	7.0±0.7
Pb-214	405129	pCi/g	0.76±0.06	0.8±0.1
	505748		0.9±0.2	0.8±0.1
	407334		0.82±0.03	1.0±0.1
	405112		0.86±0.08	0.9±0.1
Bi-214	405129	pCi/g	0.73±0.07	0.8±0.1
	505748		0.7±0.1	0.7±0.07
	407334		0.8±0.3	0.9±0.1
	405112		0.73±0.08	0.8±0.1
Th-232	405129	pCi/g	0.8±0.1	-
	505748		0.7±0.1	-
Pb-212	405129	pCi/g	-	0.8±0.1
Tl-208	405129	pCi/g	-	0.32±0.04
Ac-228	405129		-	0.8±0.1
Bi-212	405129	pCi/g	-	0.9±0.3

TABLE 7 CONTINUED

Parameter	Lab #	Units[a]	Lab: EPA's EERF	Lab: TVA's WARL
Gamma Spectral Analysis				
Th-234	405129	pCi/g	-	2.9±0.7
Pa-234m	405129	pCi/g	-	5±3
Be-7	405112	pCi/g	0.4±0.2	3.7±0.6
Ru-106	405112	pCi/g	0.4±0.3	0.6±0.2

[a]Results based on sample dry weight.

Note: Error terms represent 95 percent confidence limits.