

ANALYSIS OF WATER AND BED SEDIMENTS AT SEGUCHE CREEK SITES NEAR US HWY 169, MILLE LACS LAKE AREA

MISCELLANEOUS STATION ANALYSES

WATER QUALITY DATA

ANALYSIS OF WATER AND BED SEDIMENTS ATSEGUCHIE CREEK SITES NEAR US HWY 169, MILLE LACS LAKE AREA—

MISCELLANEOUS STATION ANALYSES—CONTINUED

Date	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L as CaCO ₃ (00930)	Alka- linity, wat flt inc tit field, mg/L (39086)	Bicar- bonate, wat flt incr. titr., field, mg/L (00453)	Carbon- ate, wat flt incr. titr., field, mg/L (00452)	Chlor- ide, wat fltrd, mg/L (00940)	Fluor- ide, wat fltrd, mg/L (00950)	Silica, wat fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia + org-N, water, unfltrd mg/L as N (00625)
------	------------------------------------	---------------------------------------	---------------------------------------	---	---	---	---	-------------------------------------	-------------------------------------	---------------------------------	------------------------------------	--	---

05284310 SEGUCHIE CREEK ABOVE MOUTH NEAR GARRISON, MN (LAT 46 15 13N LONG 093 49 15W)

OCT 2003													
09...	33.1	7.54	1.60	2.41	108	132	.0	1.77	<.2	10.1	.7	143	.70
NOV 10...	34.8	7.66	1.65	2.66	116	142	.0	1.66	<.2	12.0	1.0	144	.97
DEC 29...	.01	<.008	<.16	<.10	--	--	--	<.20	<.2	<.04	<.2	<10	<.10
29...	36.6	8.37	1.76	2.74	126	154	.0	1.92	<.2	12.5	1.1	158	.80
29...	37.4	8.54	1.77	2.84	--	--	--	1.86	<.2	12.7	1.1	153	.83
FEB 2004													
09...	40.7	9.10	1.91	3.01	133	162	.0	2.08	<.2	13.4	1.2	169	.93
MAR 24...	38.9	8.91	1.99	3.08	123	150	.0	2.47	<.2	12.0	1.4	167	--
MAY 04...	33.7	7.37	1.54	2.52	110	134	.0	1.80	<.2	8.94	1.2	141	.71
JUN 16...	31.3	7.24	1.35	2.58	105	128	.0	1.59	<.2	4.01	1.1	136	.54
JUL 28...	34.1	7.68	.70	2.38	115	140	.0	1.06	<.2	9.25	.9	150	.56
AUG 07...	--	--	--	--	--	--	--	1.19	--	--	--	--	--
08...	--	--	--	--	--	--	--	1.21	--	--	--	--	--
08...	--	--	--	--	--	--	--	1.44	--	--	--	--	--
09...	--	--	--	--	--	--	--	1.61	--	--	--	--	--
09...	--	--	--	--	--	--	--	1.37	--	--	--	--	--
10...	--	--	--	--	--	--	--	2.38	--	--	--	--	--
10...	--	--	--	--	--	--	--	1.92	--	--	--	--	--
11...	--	--	--	--	--	--	--	2.02	--	--	--	--	--
11...	--	--	--	--	--	--	--	1.21	--	--	--	--	--
12...	--	--	--	--	--	--	--	1.06	--	--	--	--	--
12...	--	--	--	--	--	--	--	.91	--	--	--	--	--
13...	--	--	--	--	--	--	--	.99	--	--	--	--	--
13...	--	--	--	--	--	--	--	1.06	--	--	--	--	--
15...	--	--	--	--	--	--	--	1.38	--	--	--	--	--
15...	--	--	--	--	--	--	--	1.29	--	--	--	--	--
16...	--	--	--	--	--	--	--	1.50	--	--	--	--	--
16...	--	--	--	--	--	--	--	1.58	--	--	--	--	--
23...	--	--	--	--	--	--	--	2.76	--	--	--	--	--
26...	--	--	--	--	--	--	--	3.76	--	--	--	--	--
26...	--	--	--	--	--	--	--	3.98	--	--	--	--	--
28...	--	--	--	--	--	--	--	2.82	--	--	--	--	--
SEP 09...	32.8	8.17	1.29	2.57	111	135	.0	1.26	<.2	9.55	.6	144	.51

Date	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water, fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Ortho-phosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, fltrd, mg/L (00666)	Phosphorus, water, unfltrd, mg/L (00665)	Aluminum, water, fltrd, ug/L (01106)	Antimony, water, fltrd, ug/L (01095)	Barium, water, fltrd, ug/L (01005)	Beryllium, water, fltrd, ug/L (01010)	Cadmium water, fltrd, ug/L (01025)	Chromium, water, fltrd, ug/L (01030)	Cobalt water, fltrd, ug/L (01035)
------	---	---	---	--	--	--	--------------------------------------	--------------------------------------	------------------------------------	---------------------------------------	------------------------------------	--------------------------------------	-----------------------------------

05284310 SEGUCHIE CREEK ABOVE MOUTH NEAR GARRISON, MN (LAT 46 15 13N LONG 093 49 15W)

OCT 2003	E.02	.06	.011	<.02	<.04	.05	E1	<.20	25	<.06	<.04	2.4	.099
NOV 10...	.04	E.04	<.008	<.02	<.04	.06	<2	<.20	23	<.06	<.04	<.8	.145
DEC 29...	<.04	<.06	<.008	<.02	<.04	<.04	<.2	<.20	<.2	<.06	<.04	<.8	<.014
29...	E.04	E.04	<.008	<.02	<.04	E.03	E1	<.20	25	<.06	<.04	<.8	.140
29...	E.04	E.04	<.008	<.02	<.04	E.03	E1	<.20	24	<.06	<.04	<.8	.136
FEB 2004	.10	.06	E.004	<.02	<.04	E.03	<2	<.20	26	<.06	<.04	<.8	.120
MAR 24...	--	--	--	--	--	--	3	<.20	26	<.06	<.04	<.8	.134
MAY 04...	<.04	E.04	E.004	<.02	<.04	E.03	E1	<.20	20	<.06	<.04	<.8	.132
JUN 16...	<.04	<.06	<.008	<.02	<.04	<.04	M	<.20	21	<.06	<.04	<.8	.108
JUL 28...	<.04	<.06	<.008	<.02	<.04	E.03	<2	<.20	22	<.06	<.04	<.8	.158
SEP 09...	<.04	<.06	<.008	<.02	E.02	E.02	E1	<.20	21	<.06	<.04	<.8	.125

ANALYSIS OF WATER AND BED SEDIMENTS AT SEGUCHIE CREEK SITES NEAR US HWY 169, MILLE LACS LAKE AREA—

MISCELLANEOUS STATION ANALYSES—CONTINUED

Date	Copper, water, fltrd, ug/L (01040)	Iron, water, fltrd, ug/L (01046)	Lead, water, fltrd, ug/L (01049)	Mangan- ese, water, fltrd, ug/L (01056)	Molyb- denum, water, fltrd, ug/L (01060)	Nickel, water, fltrd, ug/L (01065)	Silver, water, fltrd, ug/L (01075)	Zinc, water, fltrd, ug/L (01090)	Uranium natural water, fltrd, ug/L (22703)	Suspnd. sediment, sieve diametr <.063mm (70331)	Sus- pended sediment concentra- tion mg/L (80154)	Bed sediment, dry svd sve dia percent <1 mm (80168)	Bed sediment, dry svd sve dia percent <2 mm (80169)
05284310 SEGUCHIE CREEK ABOVE MOUTH NEAR GARRISON, MN (LAT 46 15 13N LONG 093 49 15W)													
OCT 2003													
09...	E.4	93	<.08	45.5	<.4	.41	<.2	<.6	E.03	51	5	--	--
09...	--	--	--	--	--	--	--	--	--	--	--	72	78
NOV													
10...	.6	58	<.08	30.8	<.4	.42	<.2	E.4	.04	51	17	--	--
DEC													
29...	E.2	<6	<.08	<.2	<.4	<.06	<.2	<.6	<.04	100	14	--	--
29...	.6	51	<.08	39.2	<.4	.64	<.2	<.6	.05	39	9	--	--
29...	.5	117	<.08	39.3	<.4	.64	<.2	<.6	.05	16	14	--	--
FEB 2004													
09...	E.3	35	<.08	63.3	E.3	.59	<.2	<.6	.06	100	1	--	--
MAR													
24...	.5	109	<.08	76.8	E.2	.62	<.2	E.3	.07	100	2	--	--
MAY													
04...	E.3	37	<.08	41.8	<.4	.58	<.2	.8	.06	86	3	--	--
04...	--	--	--	--	--	--	--	--	--	--	--	73	80
JUN													
16...	E.4	50	E.04	27.6	<.4	.38	<.2	E.4	E.03	100	1	--	--
JUL													
28...	E.3	72	<.08	49.7	<.4	1.40	<.2	<.6	E.03	30	8	--	--
AUG													
05...	--	--	--	--	--	--	--	--	--	46	4	--	--
05...	--	--	--	--	--	--	--	--	--	50	2	--	--
07...	--	--	--	--	--	--	--	--	--	86	2	--	--
08...	--	--	--	--	--	--	--	--	--	67	1	--	--
08...	--	--	--	--	--	--	--	--	--	100	1	--	--
09...	--	--	--	--	--	--	--	--	--	71	2	--	--
09...	--	--	--	--	--	--	--	--	--	67	1	--	--
10...	--	--	--	--	--	--	--	--	--	77	4	--	--
10...	--	--	--	--	--	--	--	--	--	95	7	--	--
11...	--	--	--	--	--	--	--	--	--	80	2	--	--
11...	--	--	--	--	--	--	--	--	--	100	1	--	--
12...	--	--	--	--	--	--	--	--	--	97	32	--	--
12...	--	--	--	--	--	--	--	--	--	100	.0	--	--
13...	--	--	--	--	--	--	--	--	--	67	1	--	--
13...	--	--	--	--	--	--	--	--	--	100	.0	--	--
14...	--	--	--	--	--	--	--	--	--	50	1	--	--
15...	--	--	--	--	--	--	--	--	--	50	1	--	--
15...	--	--	--	--	--	--	--	--	--	100	.0	--	--
16...	--	--	--	--	--	--	--	--	--	82	4	--	--
16...	--	--	--	--	--	--	--	--	--	100	.0	--	--
SEP													
09...	.6	46	E.05	14.1	<.4	.41	<.2	E.6	E.03	--	--	--	--
05284310 SEGUCHIE CREEK ABOVE MOUTH NEAR GARRISON, MN (LAT 46 15 13N LONG 093 49 15W)													
Date	Bed sediment, dry svd sve dia percent <4 mm (80170)	Bed sediment, falldia dst wat percent <.002mm (80294)	Bed sediment, falldia dst wat percent <.004mm (80157)	Bed sediment, falldia dst wat percent <.008mm (80293)	Bed sediment, falldia dst wat percent <.016mm (80282)	Bed sediment, falldia dst wat percent <.031mm (80283)	Bed sediment, falldia dst wat percent <.125mm (80159)	Bed sediment, falldia dst wat percent <.25mm (80160)	Bed sediment, falldia dst wat percent <.5 mm (80161)	Bed sediment, falldia dst wat percent <1 mm (80162)	Bed sediment, falldia dst wat percent <2 mm (80163)		

05284310 SEGUCHIE CREEK ABOVE MOUTH NEAR GARRISON, MN (LAT 46 15 13N LONG 093 49 15W)

OCT 2003	83	.0	.0	.0	1	3	24	61	72	72
MAY	89	1	2	2	3	--	--	--	--	--

WATER QUALITY DATA

ANALYSIS OF WATER AND BED SEDIMENTS ATSEGUCHIE CREEK SITES NEAR US HWY 169, MILLE LACS LAKE AREA—

MISCELLANEOUS STATION ANALYSES—CONTINUED

Date	Time	Sample type	Instantaneous discharge, cfs (00061)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	pH, water, unfltrd lab, std units (00403)	Specif. conductance, wat unf lab, uS/cm (90095)	Specif. conductance, wat unf lab, uS/cm (00095)	Specif. conductance, wat unf lab, uS/cm (25 degC 00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)
05284305 SEGUCHIE CREEK AT HOLT LAKE OUTLET, NEAR GARRISON (LAT 46 15 07N LONG 093 49 38W)													
OCT 2003													
09...	1125	Environmental	4.5	728	7.9	80	7.7	7.8	204	217	19.0	13.8	
09...	1125	Bed material	--	--	--	--	--	--	--	--	--	--	
NOV													
10...	1200	Environmental	4.3	731	13.2	100	8.1	E7.6	217	216	2.0	2.0	
DEC													
29...	1445	Environmental	8.3	724	12.2	88	7.1	7.6	235	230	-3.0	2.2	
29...	1450	Replicate	8.3	--	--	--	--	7.5	236	--	--	--	
FEB 2004													
09...	1350	Environmental	6.8	725	9.9	70	7.5	7.9	248	252	-2.0	1.2	
MAR													
24...	1200	Environmental	5.8	726	8.9	67	7.5	8.0	244	258	15.0	3.4	
MAY													
04...	1130	Environmental	11	727	10.3	94	7.9	7.9	212	219	9.0	11.3	
04...	1130	Bed material	--	--	--	--	--	--	--	--	--	--	
JUN													
16...	1110	Environmental	6.2	733	7.8	88	7.7	7.8	196	210	20.0	21.3	
JUL													
28...	1100	Blank	--	--	--	--	--	E7.0	<3	--	21.2	--	
28...	1145	Environmental	1.4	727	4.4	51	7.2	7.5	208	220	21.2	22.4	
AUG													
05...	0900	Environmental	--	--	--	--	--	--	--	--	--	--	
05...	0915	Environmental	--	--	--	--	--	--	--	--	--	--	
07...	0600	Environmental	--	--	--	--	--	--	--	218	--	21.3	
08...	0600	Environmental	--	--	--	--	--	--	209	220	--	20.1	
09...	0600	Environmental	--	--	--	--	--	--	208	220	--	20.5	
10...	0600	Environmental	--	--	--	--	--	--	210	220	--	17.8	
11...	0600	Environmental	--	--	--	--	--	--	209	220	--	16.0	
12...	0600	Environmental	--	--	--	--	--	--	--	221	--	15.7	
13...	0600	Environmental	--	--	--	--	--	--	210	220	--	15.8	
14...	1800	Environmental	--	--	--	--	--	--	--	223	--	19.0	
15...	1800	Environmental	--	--	--	--	--	--	210	224	--	19.8	
16...	1800	Environmental	--	--	--	--	--	--	216	226	--	20.3	
23...	0600	Environmental	--	--	--	--	--	--	226	230	--	17.2	
26...	0600	Environmental	--	--	--	--	--	--	226	229	--	18.5	
28...	1800	Environmental	--	--	--	--	--	--	226	231	--	20.4	
SEP													
09...	1145	Bed material	--	--	--	--	--	--	--	--	--	--	
09...	1230	Environmental	--	734	6.7	72	7.6	7.8	219	222	20.0	18.6	

ANALYSIS OF WATER AND BED SEDIMENTS AT SEGUCHIE CREEK SITES NEAR US HWY 169, MILLE LACS LAKE AREA—

MISCELLANEOUS STATION ANALYSES—CONTINUED

Date	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Sodium, CaCO ₃ mg/L as (39086)	Alkalinity, wat flt inc tit field, titr., mg/L (00453)	Bicarbonate, wat flt incr. titr., mg/L (00452)	Carbonate, wat flt incr. titr., mg/L (00452)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia + org-N, water, unfltrd mg/L as N (00625)
------	------------------------------------	---------------------------------------	---------------------------------------	------------------------------------	---	--	--	--	--------------------------------------	--------------------------------------	------------------------------------	------------------------------------	--	---

05284305 SEGUCHIE CREEK AT HOLT LAKE OUTLET, NEAR GARRISON (LAT 46 15 07N LONG 093 49 38W)

OCT 2003													
09...	33.4	7.75	1.64	2.57	108	132	.0	1.41	<.2	11.2	.7	147	1.1
NOV													
10...	35.2	9.03	1.70	2.65	140	115	--	1.61	<.2	12.0	1.0	149	.72
DEC													
29...	36.4	8.31	1.65	2.66	124	151	.0	1.95	<.2	12.4	1.1	154	.72
29...	37.3	8.50	1.73	2.72	--	--	--	1.65	<.2	12.4	1.1	150	.69
FEB 2004													
09...	41.2	9.21	1.85	3.04	131	160	.0	1.79	<.2	13.3	1.1	175	.94
MAR													
24...	40.9	9.23	1.86	3.09	129	157	.0	2.27	<.2	12.5	1.4	178	--
MAY													
04...	34.0	7.38	1.55	2.46	111	135	.0	1.54	<.2	9.39	1.1	144	.60
04...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN													
16...	30.6	7.19	1.53	2.58	106	129	.0	1.67	<.2	5.84	1.2	135	.63
JUL													
28...	E.01	<.008	<.16	<.10	--	--	--	<.20	<.2	<.04	<.2	<10	<.10
28...	32.6	7.31	.93	2.36	114	139	.0	1.11	<.2	8.05	1.1	141	.63
AUG													
08...	--	--	--	--	--	--	--	1.14	--	--	--	--	--
09...	--	--	--	--	--	--	--	1.13	--	--	--	--	--
10...	--	--	--	--	--	--	--	1.11	--	--	--	--	--
11...	--	--	--	--	--	--	--	1.14	--	--	--	--	--
12...	--	--	--	--	--	--	--	1.16	--	--	--	--	--
13...	--	--	--	--	--	--	--	1.17	--	--	--	--	--
14...	--	--	--	--	--	--	--	1.16	--	--	--	--	--
15...	--	--	--	--	--	--	--	1.14	--	--	--	--	--
16...	--	--	--	--	--	--	--	1.16	--	--	--	--	--
23...	--	--	--	--	--	--	--	1.21	--	--	--	--	--
26...	--	--	--	--	--	--	--	1.32	--	--	--	--	--
28...	--	--	--	--	--	--	--	1.24	--	--	--	--	--
SEP													
09...	32.2	7.87	1.20	2.41	111	135	.0	1.38	<.2	9.80	.8	140	.62

Date	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water, fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, fltrd, mg/L (00666)	Phosphorus, water, unfltrd mg/L (00665)	Aluminum, water, fltrd, ug/L (01106)	Antimony, water, fltrd, ug/L (01095)	Barium, water, fltrd, ug/L (01005)	Beryllium, water, fltrd, ug/L (01010)	Cadmium, water, fltrd, ug/L (01025)	Chromium, water, fltrd, ug/L (01030)	Cobalt water, fltrd, ug/L (01035)
------	---	---	---	---	--	---	--------------------------------------	--------------------------------------	------------------------------------	---------------------------------------	-------------------------------------	--------------------------------------	-----------------------------------

05284305 SEGUCHIE CREEK AT HOLT LAKE OUTLET, NEAR GARRISON (LAT 46 15 07N LONG 093 49 38W)

OCT 2003	<.04	<.06	E.005	<.02	<.04	.05	M	<.20	23	<.06	<.04	<.8	.088
NOV													
10...	<.04	<.06	<.008	<.02	<.04	<.04	<2	<.20	23	<.06	<.04	<.8	.139
DEC													
29...	.04	E.03	<.008	<.02	<.04	<.04	<2	<.20	24	<.06	<.04	<.8	.131
29...	<.04	<.06	<.008	<.02	<.04	E.02	<2	<.20	25	<.06	<.04	<.8	.141
FEB 2004													
09...	.08	E.06	E.004	<.02	<.04	<.04	<2	<.20	26	<.06	<.04	<.8	.115
MAR													
24...	--	--	--	--	--	--	<2	<.20	27	<.06	<.04	<.8	.123
MAY													
04...	<.04	<.06	<.008	<.02	<.04	E.02	<2	<.20	20	<.06	<.04	<.8	.126
JUN													
16...	<.04	<.06	<.008	<.02	<.04	<.04	M	<.20	18	<.06	<.04	<.8	.103
JUL													
28...	<.04	<.06	<.008	<.02	<.04	<.04	<2	<.20	22	<.06	<.04	<.8	<.014
28...	<.04	<.06	<.008	<.02	<.04	E.02	<2	<.20	22	<.06	<.04	<.8	.123
SEP													
09...	<.04	<.06	<.008	<.02	<.04	<.04	<2	<.20	22	<.06	<.04	<.8	.114

WATER QUALITY DATA

ANALYSIS OF WATER AND BED SEDIMENTS ATSEGUCHIE CREEK SITES NEAR US HWY 169, MILLE LACS LAKE AREA—

Date	Copper, water, fltrd, ug/L (01040)	Iron, water, fltrd, ug/L (01046)	Lead, water, fltrd, ug/L (01049)	Manganese, water, fltrd, ug/L (01056)	Molybdenum, water, fltrd, ug/L (01060)	Nickel, water, fltrd, ug/L (01065)	Silver, water, fltrd, ug/L (01075)	Zinc, water, fltrd, ug/L (01090)	Uranium natural water, fltrd, ug/L (22703)	Susnd. sediment, sieve diametr percent <.063mm (70331)	Suspended sediment concentration mg/L (80154)	Bed sediment, dry svd sive dia percent <1 mm (80168)	Bed sediment, dry svd sive dia percent <2 mm (80169)
------	------------------------------------	----------------------------------	----------------------------------	---------------------------------------	--	------------------------------------	------------------------------------	----------------------------------	--	--	---	--	--

05284305 SEGUCHIE CREEK AT HOLT LAKE OUTLET, NEAR GARRISON (LAT 46 15 07N LONG 093 49 38W)

OCT 2003													
09...	.5	20	<.08	30.0	<.4	.42	<.2	<.6	E.03	56	32	--	--
09...	--	--	--	--	--	--	--	--	--	--	--	75	83
NOV													
10...	.6	18	E.04	9.1	E.3	.41	<.2	<.6	E.04	100	2	--	--
DEC													
29...	E.4	25	<.08	26.4	<.4	.61	<.2	<.6	.05	80	2	--	--
29...	.4	24	<.08	26.8	<.4	.59	<.2	<.6	.04	53	7	--	--
FEB 2004													
09...	.8	30	<.08	86.8	E.3	.55	<.2	<.6	.06	100	4	--	--
MAR													
24...	E.4	37	<.08	46.2	<.4	.58	<.2	<.6	.07	60	2	--	--
MAY													
04...	.6	21	<.08	18.5	<.4	.54	<.2	<.6	.05	100	.0	--	--
04...	--	--	--	--	--	--	--	--	--	--	--	89	93
JUN													
16...	1.5	25	E.06	30.4	<.4	.32	<.2	.7	.05	89	3	--	--
JUL													
28...	<.4	<6	<.08	<.2	<.4	<.06	<.2	<.6	<.04	100	.0	--	--
28...	.9	20	<.08	35.2	E.3	.70	<.2	<.6	E.04	29	3	--	--
AUG													
05...	--	--	--	--	--	--	--	--	--	74	7	--	--
05...	--	--	--	--	--	--	--	--	--	100	.0	--	--
07...	--	--	--	--	--	--	--	--	--	100	1	--	--
08...	--	--	--	--	--	--	--	--	--	50	2	--	--
09...	--	--	--	--	--	--	--	--	--	100	1	--	--
10...	--	--	--	--	--	--	--	--	--	100	1	--	--
11...	--	--	--	--	--	--	--	--	--	100	1	--	--
12...	--	--	--	--	--	--	--	--	--	100	.0	--	--
13...	--	--	--	--	--	--	--	--	--	16	7	--	--
14...	--	--	--	--	--	--	--	--	--	100	.0	--	--
15...	--	--	--	--	--	--	--	--	--	.0	.0	--	--
16...	--	--	--	--	--	--	--	--	--	33	1	--	--
SEP													
09...	.4	12	<.08	9.4	<.4	.34	<.2	E.5	E.04	--	--	--	--

Date	Bed sediment, dry svd sive dia percent <4 mm (80170)	Bed sediment, falldia dst wat percent <.002mm (80294)	Bed sediment, falldia dst wat percent <.004mm (80157)	Bed sediment, falldia dst wat percent <.008mm (80293)	Bed sediment, falldia dst wat percent <.016mm (80282)	Bed sediment, falldia dst wat percent <.031mm (80283)	Bed sediment, falldia dst wat percent <.063mm (80158)	Bed sediment, falldia dst wat percent <.125mm (80159)	Bed sediment, falldia dst wat percent <.25mm (80160)	Bed sediment, falldia dst wat percent <.5 mm (80161)	Bed sediment, falldia dst wat percent <1 mm (80162)	Bed sediment, falldia dst wat percent <2 mm (80163)
------	--	---	---	---	---	---	---	---	--	--	---	---

05284305 SEGUCHIE CREEK AT HOLT LAKE OUTLET, NEAR GARRISON (LAT 46 15 07N LONG 093 49 38W)

OCT 2003	89	.0	1	2	2	2	3	5	24	61	75	75
MAY	95	1	2	2	3	4	--	--	--	--	--	--