

**Arsenic Concentrations (parts per million = mg/L) in Samples Collected in the Farr Creek Drainage Basin, 1991 to 1999**

<b>Sampling Location</b>	<b>Total As</b>	<b>Mean As</b>	<b>Date</b>	<b>Report</b>
Brief Lake, west side (mid-way)	11	11	Sep-94	Percival et al 2004
Short Lake, east side	40		Jun-91	Dumaresq (1993)
Short Lake, east side	46		Jul-91	Dumaresq (1993)
Short Lake, east side	58	48	Sep-91	Dumaresq (1993)
Short Lake, 5 m north of dam, west shore	51		Sep-94	Percival et al 2004
Short Lake, 5 m north of dam, west shore	65	58	Aug-97	Percival et al 2004
Short Lake, north end, east shore near waste rock pile	93	93	Sep-94	Percival et al 2004
Cobalt Lake south, west shore, 150 m north of dam	877		Sep-94	Percival et al 2004
Cobalt Lake south, west shore, 150 m north of dam	520	698	Aug-97	Percival et al 2004
Nipissing high grade mill tailings, taken below dam	19900		Jun-91	Dumaresq (1993)
Nipissing high grade mill tailings, taken below dam	18000		Jun-91	Dumaresq (1993)
Nipissing high grade mill tailings, taken below dam	9980		Sep-91	Dumaresq (1993)
Nipissing high grade mill tailings, taken below dam	22000		Oct-91	Dumaresq (1993)
Nipissing high grade mill tailings, taken below dam	20238		Jul-94	Percival et al 2004
Nipissing high grade mill tailings, taken below dam	17018		Sep-94	Percival et al 2004
Nipissing high grade mill tailings, taken below dam	15800		May-95	Percival et al 2004
Nipissing high grade mill tailings, taken below dam	20000	17867	Aug-97	Percival et al 2004
Outlet of high-grade ditch into Cobalt Lake	7981		May-95	Percival et al 2004
Outlet of high-grade ditch into Cobalt Lake	11000	4490	Aug-97	Percival et al 2004
Cobalt Lake, south end	555		Jun-91	Dumaresq (1993)
Cobalt Lake, south end	560		Jul-91	Dumaresq (1993)
Cobalt Lake, south end	603		Sep-91	Dumaresq (1993)
Cobalt Lake, south end	835		Oct-91	Dumaresq (1993)
Cobalt Lake, south end	819	674	May-95	Percival et al 2004
Cobalt Lake, 10 m offshore from high-grade drainage ditch	602	602	May-95	Percival et al 2004
Cobalt Lake, north end, west shore, about 50 m from baseball dia	598		Jun-91	Dumaresq (1993)
Cobalt Lake, north end, west shore, about 50 m from baseball dia	580		Jul-91	Dumaresq (1993)
Cobalt Lake, north end, west shore, about 50 m from baseball dia	696		Sep-91	Dumaresq (1993)
Cobalt Lake, north end, west shore, about 50 m from baseball dia	905		Oct-91	Dumaresq (1993)
Cobalt Lake, north end, west shore, about 50 m from baseball dia	1056	767	Jul-94	Percival et al 2004
Cobalt Lake north end, about 7 m from outlet to Mill Creek	654		May-95	Percival et al 2004
Cobalt Lake north end, about 7 m from outlet to Mill Creek	940	797	Aug-97	Percival et al 2004
Stream draining Nipissing low-grade mill tailings	4350		Jun-91	Dumaresq (1993)
Stream draining Nipissing low-grade mill tailings	6510		Jun-91	Dumaresq (1993)
Stream draining Nipissing low-grade mill tailings	3020		Jul-91	Dumaresq (1993)
Stream draining Nipissing low-grade mill tailings	3200		Oct-91	Dumaresq (1993)
Stream draining Nipissing low-grade mill tailings	4060		Oct-91	Dumaresq (1993)
Stream draining Nipissing low-grade mill tailings	10900	5340	May-92	Dumaresq (1993)

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<b>Sampling Location</b>	<b>Total As</b>	<b>Mean As</b>	<b>Date</b>	<b>Report</b>
Mill Creek at the Right-of-Way Mine, upstream of parking lot	810		Jun-91	Dumaresq (1993)
Mill Creek at the Right-of-Way Mine, upstream of parking lot	720		Jul-91	Dumaresq (1993)
Mill Creek at the Right-of-Way Mine, upstream of parking lot	893		Sep-91	Dumaresq (1993)
Mill Creek at the Right-of-Way Mine, upstream of parking lot	708		Oct-91	Dumaresq (1993)
Mill Creek at the Right-of-Way Mine, upstream of parking lot	1040		May-92	Dumaresq (1993)
Mill Creek at the Right-of-Way Mine, upstream of parking lot	1460	938	Jul-94	Percival et al 2004
Mill Creek, about 10 m upstream from outlet from LaRose tailing	1400		Jun-91	Dumaresq (1993)
Mill Creek, about 10 m upstream from outlet from LaRose tailing	1160		May-92	Dumaresq (1993)
Mill Creek, about 10 m upstream from outlet from LaRose tailing	1106		Jul-94	Percival et al 2004
Mill Creek, about 10 m upstream from outlet from LaRose tailing	1147	1203	Sep-94	Percival et al 2004
Stream draining LaRose tailings, 2-3 m above confluence with M	3210		May-92	Dumaresq (1993)
Stream draining LaRose tailings, 2-3 m above confluence with M	3477		Jul-94	Percival et al 2004
Stream draining LaRose tailings, 2-3 m above confluence with M	3005		Sep-94	Percival et al 2004
Stream draining LaRose tailings, 2-3 m above confluence with M	1300	2748	Aug-97	Percival et al 2004
Mill Creek, 20 m below confluence with outlet from LaRose tailin	1180		May-92	Dumaresq (1993)
Mill Creek, 20 m below confluence with outlet from LaRose tailin	2303		Jul-94	Percival et al 2004
Mill Creek, 20 m below confluence with outlet from LaRose tailin	2074		Sep-94	Percival et al 2004
Mill Creek, 20 m below confluence with outlet from LaRose tailin	1800	1839	Aug-97	Percival et al 2004
Mill Creek at the railway crossing	598		Jun-91	Dumaresq (1993)
Mill Creek at the railway crossing	580		Jul-91	Dumaresq (1993)
Mill Creek at the railway crossing	696		Sep-91	Dumaresq (1993)
Mill Creek at the railway crossing	905		Oct-91	Dumaresq (1993)
Mill Creek at the railway crossing	1180		May-92	Dumaresq (1993)
Mill Creek at the railway crossing	2137	1016	Jul-94	Percival et al 2004
Sasaginaga Creek, 500m downstream from confluence	319		Oct-91	Dumaresq (1993)
Sasaginaga Creek, 500m downstream from confluence	114	216	May-92	Dumaresq (1993)
Mill Creek 100m downstream from confluence with Sasaginaga C	515	515	May-92	Dumaresq (1993)
Mill Creek, upstream from Highway 11B	1950		Jun-91	Dumaresq (1993)
Mill Creek, upstream from Highway 11B	2090		Jul-91	Dumaresq (1993)
Mill Creek, upstream from Highway 11B	1510		Sep-91	Dumaresq (1993)
Mill Creek, upstream from Highway 11B	812		Oct-91	Dumaresq (1993)
Mill Creek, upstream from Highway 11B	745		May-92	Dumaresq (1993)
Mill Creek, upstream from Highway 11B	1281		Jul-94	Percival et al 2004
Mill Creek, upstream from Highway 11B	606		May-95	Percival et al 2004
Mill Creek, upstream from Highway 11B	970	1245	Aug-97	Percival et al 2004
Mill Creek, below dam downstream from Coleman garage	1120		Sep-94	Percival et al 2004
Mill Creek, below dam downstream from Coleman garage	980	1050	Aug-97	Percival et al 2004
Mill Creek, below large beaver dam	566	566	May-95	Percival et al 2004
Mill Creek, upstream from larger (beaver) pond	602	602	May-95	Percival et al 2004
Mill Creek, beaver dam	571	571	May-95	Percival et al 2004

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Mill Creek, 5 m above confluence with Farr Creek	1815		Jul-94	Percival et al 2004
Mill Creek, 5 m above confluence with Farr Creek	970		Aug-97	Percival et al 2004
Mill Creek, 5 m above confluence with Farr Creek	573	1119	May-95	Percival et al 2004
Crosswise Lake, north end	60		Jun-91	Dumaresq (1993)
Crosswise Lake, north end	58		Jul-91	Dumaresq (1993)
Crosswise Lake, north end	58		Sep-91	Dumaresq (1993)
Crosswise Lake, north end	70	61	Oct-91	Dumaresq (1993)
Farr Creek, 150 m from culvert	710	710	Jul-94	Percival et al 2004
Farr Creek, downstream from culvert	398		Jun-91	Dumaresq (1993)
Farr Creek, downstream from culvert	371		Jul-91	Dumaresq (1993)
Farr Creek, downstream from culvert	348		Sep-91	Dumaresq (1993)
Farr Creek, downstream from culvert	180		Oct-91	Dumaresq (1993)
Farr Creek, downstream from culvert	416		Jul-94	Percival et al 2004
Farr Creek, downstream from culvert	252		May-95	Percival et al 2004
Farr Creek, downstream from culvert	420	341	Aug-97	Percival et al 2004
Farr Creek, second outlet along road to Deer Horn Mine (no bridge)	400	400	Aug-97	Percival et al 2004
Farr Creek, 3 m above confluence with Mill Creek	394		Jul-94	Percival et al 2004
Farr Creek, 3 m above confluence with Mill Creek	312	353	May-95	Percival et al 2004
Farr Creek, 50 m below confluence with Mill Creek	823		Jul-94	Percival et al 2004
Farr Creek, 50 m below confluence with Mill Creek	334	578	May-95	Percival et al 2004
Farr Creek, ~ 25 m below confluence with Mill Creek on east shore	670	670	Aug-97	Percival et al 2004
Farr Creek, ~1.5 km from road, ~ 1 km from power line	761	761	Jul-94	Percival et al 2004
Farr Creek at water level control dam, North Cobalt	162		Sep-91	Dumaresq (1993)
Farr Creek at water level control dam, North Cobalt	464		Oct-91	Dumaresq (1993)
Farr Creek at water level control dam, North Cobalt	232	286	Jul-94	Percival et al 2004
Farr Creek off Groom Road, North Cobalt near church	464		Jul-91	Dumaresq (1993)
Farr Creek off Groom Road, North Cobalt near church	220		Sep-91	Dumaresq (1993)
Farr Creek off Groom Road, North Cobalt near church	534		Oct-91	Dumaresq (1993)
Farr Creek off Groom Road, North Cobalt near church	266	371	Sep-94	Percival et al 2004
Cobatek Mine, decant pond outflow (now Canmine Resources Co)	755	755	Sep-94	Percival et al 2004
Farr Creek, Highway 567, west shore	522		Sep-94	Percival et al 2004
Farr Creek, Highway 567, west shore	397	459	May-95	Percival et al 2004
Mouth of Farr Creek/Lake Timiskaming	487		Sep-91	Dumaresq (1993)
Mouth of Farr Creek/Lake Timiskaming	557		Oct-91	Dumaresq (1993)
Mouth of Farr Creek/Lake Timiskaming	320	455	Sep-97	Percival et al 2004
Lake Timiskaming at Bucke Park, 7-8 m from well house overflow	30	30	Sep-94	Percival et al 2004

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Sasaginaga Lake	< 1		Jun-91	Dumaresq (1993)
Sasaginaga Lake	2		Jul-91	Dumaresq (1993)
Sasaginaga Lake	12		Sep-91	Dumaresq (1993)
Sasaginaga Lake	3	4	Oct-91	Dumaresq (1993)
Sasaginaga Creek, west arm	70		Oct-91	Dumaresq (1993)
Sasaginaga Creek, west arm	8	39	May-92	Dumaresq (1993)
Sasaginaga Creek, south arm, 20 m upstream of mine shaft	19		Feb-92	Dumaresq (1993)
Sasaginaga Creek, south arm, 20 m upstream of mine shaft	78	48	May-92	Dumaresq (1993)
Sasaginaga Creek, south arm, 50 m downstream of mine shaft	128		Feb-92	Dumaresq (1993)
Sasaginaga Creek, south arm, 50 m downstream of mine shaft	615	371	May-92	Dumaresq (1993)
Sasaginaga Creek, south arm, 50 m upstream of confluence with v	348	348	Oct-91	Dumaresq (1993)
Sasaginaga Creek, 75 m downstream from confluence	325		Oct-91	Dumaresq (1993)
Sasaginaga Creek, 75 m downstream from confluence	480	402	May-92	Dumaresq (1993)
Pond south of Cart Lake	93		Jul-91	Dumaresq (1993)
Pond south of Cart Lake	128	110	Aug-91	Dumaresq (1993)
Cart Lake outlet	1550		Jun-91	Dumaresq (1993)
Cart Lake outlet	1390		Jul-91	Dumaresq (1993)
Cart Lake outlet	1160		Aug-91	Dumaresq (1993)
Cart Lake outlet	1800	1475	Oct-91	Dumaresq (1993)
Drainage from Cart Lake to Peterson Lake	244		Jul-91	Dumaresq (1993)
Drainage from Cart Lake to Peterson Lake	70		Aug-91	Dumaresq (1993)
Drainage from Cart Lake to Peterson Lake	1090	468	Oct-91	Dumaresq (1993)
Peterson Lake at Nova Scotia Mine	405		Jun-91	Dumaresq (1993)
Peterson Lake at Nova Scotia Mine	464		Jul-91	Dumaresq (1993)
Peterson Lake at Nova Scotia Mine	406		Sep-91	Dumaresq (1993)
Peterson Lake at Nova Scotia Mine	441	429	Oct-91	Dumaresq (1993)
Weland below O'Brien Mine	487		Jul-91	Dumaresq (1993)
Weland below O'Brien Mine	313		Sep-91	Dumaresq (1993)
Weland below O'Brien Mine	116	305	Oct-91	Dumaresq (1993)
Peterson Creek downstream from Violet Mine	905	905	Oct-91	Dumaresq (1993)