Table 5. Quality-assurance data for streambed-sediment samples collected in the Miller Creek watershed, Montana, August 2000

[Concentrations are in parts per million. Symbol: <, less than minimum reporting level]

Constituent	Replicate streambed-sediment data				Relative standard deviation[1] of replicate values, in percent
	Site 190		Site 7,120		
	Concentration		Concentration		
Aluminum	3,300	3,200	4,400	4,700	4
Antimony	< 3	< 3	< 3	< 3	0
Arsenic	< 6	< 6	< 6	< 6	0
Barium	78	75	120	130	5
Beryllium	1	1	1	1	0
Bismuth	< 6	< 6	< 6	< 6	0
Boron	< 3	< 3	< 3	< 3	0
Cadmium	3	3	2	2	0
Calcium	7,900	7,700	5,300	6,000	5
Cerium	32	31	34	38	6
Chromium	7	7	13	15	10
Cobalt	7	7	16	18	8
Copper	67	62	490	630	22
Iron	12,000	12,000	21,000	24,000	9
Lanthanum	15	15	18	20	6
Lead	260	260	160	150	2
Lithium	2	2	2	2	0
Magnesium	3,300	3,200	2,900	3,200	5
Manganese	690	670	800	710	6
Molybdenum	< 1	< 1	2	2	0
Nickel	15	15	26	27	2
Phosphorus	690	660	700	870	12
Potassium	410	390	520	600	9
Silicon	1,400	1,200	1,700	2,000	11
Silver	< 1	< 1	1	1	0
Sodium	140	160	45	49	10
Strontium	14	13	16	18	7
Thorium	< 2	< 2	< 2	< 2	0
Tin	< 3	< 3	< 3	< 3	0
Titanium	< 30	< 30	< 30	< 30	0
Tungsten	< 3	< 3	< 3	< 3	0
Vanadium	9	9	13	14	4
Yttrium	10	10	8	9	5
Zinc	570	550	210	200	3
Zirconium	< 1	<1	< 1	<1	0

[1]The minimum reporting level is used as the concentrations for some calculations.