

Table 8. Major and trace-element data from 1 percent H₂O₂-HCl leach digestions of Standard Reference Materials, Abandoned Mine Lands Project, 1996-1999

[Major and trace-element data expressed in ppm (parts per million) or µg/g, dry weight basis]

Standard Reference Material Number	Aluminum ppm	Calcium ppm	Iron ppm	Potassium ppm	Magnesium ppm	Sodium ppm	Phosphorous ppm	Silicon ppm	Titanium ppm	Antimony ppm
<u>SRM-2704</u>										
n = 21	6,200	26,000	20,000	300	6,700	99	810	2,900	< 60	< 6
	6,600	25,000	20,000	350	7,600	95	890	2,800	< 60	< 6
	5,400	27,000	18,000	300	6,800	110	860	3,200	< 60	< 6
	6,200	24,000	20,000	330	7,200	90	880	2,700	60	< 6
	5,900	24,000	19,000	310	7,200	76	880	2,500	60	< 6
	6,700	26,000	22,000	370	8,200	91	970	2,800	65	< 6
	6,700	26,000	22,000	370	8,200	91	970	2,800	65	< 6
	5,900	24,000	19,000	310	7,200	76	880	2,500	60	< 6
	5,400	27,000	18,000	300	6,800	110	860	3,200	< 60	< 6
	6,200	26,000	20,000	300	6,700	99	810	2,900	< 60	< 6
	6,600	25,000	20,000	350	7,600	95	890	2,800	< 60	< 6
	6,200	24,000	20,000	330	7,200	90	880	2,700	60	< 6
	5,400	23,000	17,000	260	6,200	71	740	1,600	140	< 3
	6,100	26,000	19,000	310	7,100	78	960	2,900	190	< 6
	6,400	25,000	20,000	340	7,000	78	870	3,000	190	< 6
	4,700	22,000	16,000	180	6,200	< 60	760	2,300	140	< 6
	6,000	27,000	20,000	310	7,000	84	940	2,800	190	< 6
	5,700	25,000	18,000	280	6,600	75	790	1,600	140	< 3
	6,400	25,000	20,000	340	7,000	78	870	3,000	200	< 6
	5,400	22,000	17,000	280	6,300	66	790	2,500	< 60	< 6
	5,800	22,000	18,000	310	7,100	82	800	3,000	< 60	< 6
MEDIAN	6,100	25,000	20,000	310	7,000	84	870	2,800	< 60	< 6
MEAN	6,000	24,800	19,200	311	7,040	85	862	2,690	< 60	< 6
STD DEV	510	1,562	1,500	41	531	13	64	416	--	--
REL STD DEV	8.5	6.3	7.8	13.1	7.5	15.2	7.5	15.5	--	--

Table 8. Major and trace-element data from 1 percent H₂O₂-HCl leach digestions of Standard Reference Materials, Abandoned Mine Lands Project, 1996-1999—(continued)

Standard Reference Material Number	Arsenic ppm	Barium ppm	Beryllium ppm	Bismuth ppm	Cadmium ppm	Cerium ppm	Chromium ppm	Cobalt ppm	Copper ppm	Lanthanum ppm	Lead ppm
<u>SRM-2704</u>											
	12	69	< 1	< 10	2.9	11	80	8.4	78	5.9	140
	15	76	< 1	< 10	3.1	14	87	9.2	88	6.6	160
	12	74	< 1	< 10	3.0	14	80	8.0	81	6.4	150
	15	71	< 1	< 10	2.7	11	83	9.1	86	6.0	150
	14	70	< 1	< 10	3.0	14	86	9.5	85	6.6	150
	18	80	< 1	< 10	3.3	16	96	10	95	7.6	160
	18	80	< 1	< 10	3.3	16	96	10	95	7.6	160
	14	70	< 1	< 10	3.0	14	86	9.5	85	6.6	150
	12	74	< 1	< 10	3.0	14	80	8.0	81	6.4	150
	12	69	< 1	< 10	2.9	11	80	8.4	78	5.9	140
	15	76	< 1	< 10	3.1	14	87	9.2	88	6.6	160
	15	71	< 1	< 10	2.7	11	83	9.1	86	6.0	150
	6.8	59	< 0.6	< 6	2	14	76	8.6	79	6.4	150
	15	70	< 1	< 10	2	17	90	13	91	9.0	160
	9.8	67	< 1	< 10	2	14	87	10	87	7.6	160
	12	66	< 1	< 10	2	15	76	10	76	6.8	130
	12	73	< 1	< 10	2	16	89	12	90	8.6	160
	22	63	< 0.6	< 6	2	15	81	9.6	83	6.9	160
	14	68	< 1	< 10	2	14	87	10	87	7.6	160
	< 10	84	< 1	< 10	2	14	73	6.0	84	6.1	140
	< 10	100	< 1	< 10	2	14	78	8.1	79	6.0	150
MEDIAN	14	71	< 1	< 10	3	14	83	9	85	7	150
MEAN	14	73	< 1	< 10	3	14	84	9	85	7	152
STD DEV	3	8	--	--	1	2	6	1	5	1	9
REL STD DEV	23.0	11.4	--	--	20.0	12.0	7.1	15.1	6.2	12.5	5.6

Table 8. Major and trace-element data from 1 percent H₂O₂-HCl leach digestions of Standard Reference Materials, Abandoned Mine Lands Project, 1996-1999—(continued)

Standard Reference Material Number	Lithium ppm	Manganese ppm	Molybdenum ppm	Nickel ppm	Silver ppm	Strontium ppm	Thorium ppm	Tin ppm	Vanadium ppm	Yttrium ppm	Zinc ppm
<u>SRM-2704</u>											
	12	410	< 2	26	< 2	32	< 5	< 6	12	9.5	340
	14	470	< 2	28	< 2	35	< 5	6.0	12	10	380
	9.8	430	< 2	24	< 2	34	< 5	< 6	11	9.6	360
	13	440	< 2	26	< 2	33	< 5	6.0	11	10	360
	13	420	< 2	26	< 2	33	< 5	6.1	12	9.4	350
	15	480	< 2	29	< 2	38	< 5	6.0	13	11	400
	15	480	< 2	29	< 2	38	< 5	6.0	13	11	400
	13	420	< 2	26	< 2	33	< 5	6.1	12	9.4	350
	9.8	430	< 2	24	< 2	34	< 5	< 6	11	9.6	360
	12	410	< 2	26	< 2	32	< 5	< 6	12	9.5	340
	14	470	< 2	28	< 2	35	< 5	6.0	12	10	380
	13	440	< 2	26	< 2	33	< 5	6.0	11	10	360
	11	420	< 1	22	< 1	31	< 2	4.2	11	9.1	320
	12	440	< 2	26	< 2	35	< 5	6.3	13	10	380
	13	440	< 2	27	< 2	33	< 5	7.2	14	9.9	380
	11	370	< 2	23	< 2	32	< 5	7.5	11	10	330
	12	440	< 2	26	< 2	33	< 5	7.1	13	10	370
	12	390	< 1	23	< 1	32	< 2	4.8	12	9.7	330
	13	440	< 2	28	< 2	33	< 5	7.4	14	9.8	380
	11	370	< 2	24	< 2	30	< 5	< 6	11	9.6	340
	11	410	< 2	26	4	34	< 5	14	11	9.7	360
MEDIAN	12	430	< 2	26	4	33	< 5	6	12	10	360
MEAN	12	430	< 2	26	4	33	< 5	7	12	10	360
STD DEV	1	30	--	2	0	2	--	2	1	0	22
REL STD DEV	11.6	7.0	--	7.4	0.0	5.7	--	31.0	8.1	4.6	6.1

Table 8. Major and trace-element data from 1 percent H₂O₂-HCl leach digestions of Standard Reference Materials, Abandoned Mine Lands Project, 1996-1999—(continued)

Standard Reference Material Number	Aluminum ppm	Calcium ppm	Iron ppm	Potassium ppm	Magnesium ppm	Sodium ppm	Phosphorous ppm	Silicon ppm	Titanium ppm	Antimony ppm
SRM-2709										
n = 26	8,000	14,000	11,000	1,600	6,900	560	460	1,200	60	< 2
	10,000	15,000	16,000	2,100	8,900	600	510	1,800	250	< 6
	10,200	15,400	16,000	2,200	8,800	600	480	2,200	174	< 6
	9,800	15,000	16,000	2,100	8,600	530	520	1,800	220	< 6
	9,300	14,000	15,000	2,000	8,500	560	510	1,700	280	< 6
	10,000	16,000	17,000	2,000	8,600	590	500	1,800	200	< 6
	9,600	16,000	15,000	1,900	8,400	610	500	2,200	190	< 6
	10,000	16,000	17,000	2,100	9,000	630	510	1,900	170	< 6
	10,000	16,000	17,000	2,000	8,600	590	500	1,800	200	< 6
	10,000	15,000	16,000	2,000	8,800	560	520	1,800	190	< 6
	10,200	15,400	16,000	2,200	8,800	600	480	2,200	174	< 6
	10,000	15,000	16,000	2,100	8,900	600	510	1,800	250	< 6
	9,300	14,000	15,000	2,000	8,500	560	510	1,700	280	< 6
	10,000	15,000	16,000	2,000	8,800	560	520	1,800	190	< 6
	10,000	16,000	17,000	2,100	9,000	630	510	1,900	170	< 6
	9,800	15,000	16,000	2,100	8,600	530	520	1,800	220	< 6
	9,600	16,000	15,000	1,900	8,400	610	500	2,200	190	< 6
	10,000	15,000	16,000	2,200	8,700	600	520	2,000	320	< 6
	9,300	14,000	13,000	1,800	7,700	540	420	860	170	< 3
	9,800	16,000	15,000	2,100	8,200	660	560	1,800	430	< 6
	7,600	13,000	11,000	1,500	7,200	260	440	1,400	340	< 6
	11,000	16,000	17,000	2,300	9,100	640	560	2,100	340	< 6
	12,000	18,000	17,000	2,300	10,000	730	530	1,100	210	< 3
	9,900	15,000	14,000	1,900	8,300	610	550	1,800	420	< 6
	8,600	13,000	13,000	1,800	7,400	490	440	1,800	140	< 6
	10,000	14,000	15,000	1,900	8,900	560	480	2,100	150	< 6

Table 8. Major and trace-element data from 1 percent H₂O₂-HCl leach digestions of Standard Reference Materials, Abandoned Mine Lands Project, 1996-1999—(continued)

Standard Reference Material Number	Aluminum ppm	Calcium ppm	Iron ppm	Potassium ppm	Magnesium ppm	Sodium ppm	Phosphorous ppm	Silicon ppm	Titanium ppm	Antimony ppm
<u>SRM-2709</u>										
MEDIAN	10,000	15,000	16,000	2,000	8,600	595	510	1,800	200	< 6
MEAN	9,770	15,100	15,300	2,000	8,520	577	502	1,800	228	< 6
STD DEV	817	1,080	1,660	186	628	79	34	328	84	--
REL STD DEV	8.4	7.1	10.8	9.3	7.4	13.7	6.7	18.3	36.8	--

Standard Reference Material Number	Arsenic ppm	Barium ppm	Beryllium ppm	Bismuth ppm	Cadmium ppm	Cerium ppm	Chromium ppm	Cobalt ppm	Copper ppm	Lanthanum ppm	Lead ppm
<u>SRM-2709</u>											
	< 4	300	0.5	< 4	< 0.9	22	30	10	20	10	7
	< 10	390	< 1	< 10	< 2	26	39	9.9	25	13	13
	< 10	380	< 1	< 10	< 2	24	38	8.8	22	12	6.6
	< 10	360	< 1	< 10	< 2	23	38	9.6	22	12	9.6
	< 10	370	< 1	< 10	< 2	24	39	9.5	22	12	11
	< 10	380	< 1	< 10	< 2	25	40	9.6	25	12	8.2
	< 10	370	< 1	< 10	< 2	24	38	8.8	20	12	9.7
	< 10	390	< 1	< 10	< 2	29	41	9.5	20	12	10
	< 10	380	< 1	< 10	< 2	25	40	9.6	25	12	8.2
	< 10	380	< 1	< 10	< 2	23	40	9.9	21	12	8.1
	< 10	380	< 1	< 10	< 2	24	38	8.8	22	12	6.6
	< 10	390	< 1	< 10	< 2	26	39	9.9	25	13	13
	< 10	370	< 1	< 10	< 2	24	39	9.5	22	12	11
	< 10	380	< 1	< 10	< 2	23	40	9.9	21	12	8.1
	< 10	390	< 1	< 10	< 2	29	41	9.5	20	12	10
	< 10	360	< 1	< 10	< 2	23	38	9.6	22	12	9.6

Table 8. Major and trace-element data from 1 percent H₂O₂-HCl leach digestions of Standard Reference Materials, Abandoned Mine Lands Project, 1996-1999—(continued)

Standard Reference Material Number	Arsenic ppm	Barium ppm	Beryllium ppm	Bismuth ppm	Cadmium ppm	Cerium ppm	Chromium ppm	Cobalt ppm	Copper ppm	Lanthanum ppm	Lead ppm
<u>SRM-2709</u>											
	< 10	370	< 1	< 10	< 2	24	38	8.8	20	12	9.7
	< 10	370	< 1	< 10	< 2	27	42	12	20	14	16
	< 6	310	< 0.6	< 6	< 1	25	35	10	19	12	14
	< 10	410	< 1	< 10	< 2	30	40	14	21	16	15
	< 10	340	< 1	10	< 2	26	33	11	18	12	9.0
	9.6	400	< 1	< 10	< 2	28	45	13	22	15	16
	37	410	0.7	< 6	< 1	31	44	13	24	15	44
	< 10	390	< 1	< 10	< 2	29	39	14	21	16	13
	20	330	< 1	< 10	< 2	22	32	6.4	22	11	13
	< 10	400	< 1	< 10	< 2	28	38	11	18	13	13
MEDIAN	< 10	380	< 1	< 10	< 2	25	39	9.75	21.5	12	10
MEAN	< 10	373	< 1	< 10	< 2	25.5	38.6	10.2	21.5	12.6	12.0
STD DEV	--	27	--	--	--	2.5	3.2	1.7	2.0	1.4	7.0
REL STD DEV	--	7.2	--	--	--	9.9	8.3	16.6	9.2	11.2	57.9

Standard Reference Material Number	Lithium Ppm	Manganese ppm	Molybdenum ppm	Nickel ppm	Silver ppm	Strontium ppm	Thorium ppm	Tin ppm	Vanadium ppm	Yttrium ppm	Zinc ppm
<u>SRM-2709</u>											
	20	370	< 0.9	47	< 0.9	88	< 2	< 2	26	10	36
	20	440	< 2	62	< 2	96	< 5	< 6	35	10	58
	18.8	420	< 2	56	< 2	92	< 5	< 6	36	10.4	56
	19	430	< 2	58	< 2	90	< 5	< 6	33	11	56
	19	410	< 2	57	< 2	93	< 5	< 6	33	10	52
	18	420	< 2	59	< 2	95	< 5	< 6	37	10	58

Table 8. Major and trace-element data from 1 percent H₂O₂-HCl leach digestions of Standard Reference Materials, Abandoned Mine Lands Project, 1996-1999—(continued)

Standard Reference Material Number	Lithium ppm	Manganese ppm	Molybdenum ppm	Nickel ppm	Silver ppm	Strontium ppm	Thorium ppm	Tin Ppm	Vanadium ppm	Yttrium ppm	Zinc ppm
<u>SRM-2709</u>											
	17	410	< 2	57	< 2	90	< 5	< 6	34	10	54
	19	440	< 2	61	< 2	94	< 5	< 6	37	11	58
	18	420	< 2	59	< 2	95	< 5	< 6	37	10	58
	20	430	< 2	61	< 2	94	< 5	< 6	34	10	59
	18.8	420	< 2	56	< 2	92	< 5	< 6	36	10.4	56
	20	440	< 2	62	< 2	96	< 5	< 6	35	10	58
	19	410	< 2	57	< 2	93	< 5	< 6	33	10	52
	20	430	< 2	61	< 2	94	< 5	< 6	34	10	59
	19	440	< 2	61	< 2	94	< 5	< 6	37	11	58
	19	430	< 2	58	< 2	90	< 5	< 6	33	11	56
	17	410	< 2	57	< 2	90	< 5	< 6	34	10	54
	20	430	< 2	63	< 2	93	< 5	< 6	37	10	67
	18	390	< 1	53	< 1	84	< 2	< 3	32	9.4	54
	20	420	< 2	58	< 2	93	< 5	< 6	35	10	61
	17	350	< 2	52	< 2	81	< 5	< 6	30	10	50
	21	460	< 2	67	< 2	96	< 5	< 6	40	11	70
	23	490	< 1	66	< 1	110	< 2	< 3	39	12	63
	19	430	< 2	58	< 2	94	< 5	< 6	35	11	59
	16	460	< 2	50	< 2	78	< 5	< 6	30	9.3	72
	17	430	< 2	57	< 2	96	< 5	< 6	32	10	61
MEDIAN	19	430	< 2	58	< 2	93	< 5	< 6	34.5	10	58
MEAN	18.9	424	< 2	58.2	< 2	92.3	< 5	< 6	34.4	10.3	57.5
STD DEV	1.5	27	--	4.4	--	5.7	--	--	2.9	0.6	6.6
REL STD DEV	7.7	6.3	--	7.5	--	6.2	--	--	8.5	5.7	11.5

Table 8. Major and trace-element data from 1 percent H₂O₂-HCl leach digestions of Standard Reference Materials, Abandoned Mine Lands Project, 1996-1999—(continued)

Standard Reference Material Number	Aluminum ppm	Calcium ppm	Iron ppm	Potassium ppm	Magnesium ppm	Sodium ppm	Phosphorous ppm	Silicon ppm	Titanium ppm	Antimony ppm
<u>SRM-2711</u>										
n = 25	6,400	22,000	8,000	2,200	5,000	150	740	2,200	360	< 6
	7,600	23,000	9,700	2,600	5,700	160	770	2,100	400	< 6
	6,600	23,000	8,200	2,200	4,900	170	680	2,400	340	< 6
	7,100	25,000	9,300	2,400	5,300	190	720	2,400	350	< 6
	6,800	24,000	8,800	2,100	4,800	160	680	2,200	350	< 6
	6,400	22,000	8,000	2,200	5,000	150	740	2,200	360	< 6
	7,600	23,000	9,700	2,600	5,700	160	770	2,100	400	< 6
	6,400	25,000	7,700	2,000	4,800	190	720	2,800	320	< 6
	7,100	25,000	9,300	2,400	5,300	190	720	2,400	350	< 6
	6,600	23,000	8,200	2,200	4,900	170	680	2,400	340	< 6
	6,400	25,000	7,700	2,000	4,800	190	720	2,800	320	< 6
	7,100	24,000	8,500	2,500	5,400	190	750	2,300	380	< 6
	7,100	24,000	8,500	2,500	5,400	190	750	2,300	380	< 6
	6,800	24,000	8,800	2,100	4,800	160	680	2,200	350	< 6
	6,800	22,000	8,000	2,300	4,700	160	690	2,200	430	< 6
	6,300	21,000	7,200	1,900	4,400	140	740	2,200	410	< 6
	5,300	18,000	6,100	1,700	3,700	120	530	920	190	< 3
	6,700	22,000	7,900	2,200	4,700	160	680	2,200	410	< 6
	6,300	20,000	7,200	1,900	4,500	140	720	2,200	410	< 6
	8,400	30,000	9,400	2,800	5,900	210	860	1,500	310	< 3
	4,800	18,000	5,800	1,600	3,800	< 60	580	1,700	340	< 6
	6,600	21,000	7,800	2,200	4,800	150	750	2,300	290	< 6
	6,700	21,000	7,900	2,100	5,000	150	670	2,500	260	< 6
	6,900	24,000	8,700	2,100	5,300	200	800	< 80	400	< 8
	6,400	25,000	7,700	2,100	4,900	100	800	2,200	300	< 4

Table 8. Major and trace-element data from 1 percent H₂O₂-HCl leach digestions of Standard Reference Materials, Abandoned Mine Lands Project, 1996-1999—(continued)

Standard Reference Material Number	Aluminum ppm	Calcium ppm	Iron ppm	Potassium ppm	Magnesium ppm	Sodium ppm	Phosphorous ppm	Silicon ppm	Titanium ppm	Antimony ppm
<u>SRM-2711</u>										
MEDIAN	6,700	23,000	8,000	2,200	4,900	160	720	2,200	350	< 6
MEAN	6,690	23,000	8,160	2,200	4,940	165	718	2,200	350	< 6
STD DEV	681	2,440	956	274	508	25.5	65.8	376	53.0	--
REL STD DEV	10.2	10.6	11.7	12.5	10.3	15.5	9.2	17.1	15.1	--

Standard Reference Material Number	Arsenic ppm	Barium ppm	Beryllium ppm	Bismuth ppm	Cadmium ppm	Cerium ppm	Chromium ppm	Cobalt ppm	Copper ppm	Lanthanum ppm	Lead ppm
<u>SRM-2711</u>											
	86	180	< 1	< 10	40	33	8.6	7.1	91	18	1200
	91	190	< 1	< 10	42	33	9.7	7.9	97	19	1300
	72	180	< 1	< 10	40	32	7.6	5.8	91	17	1200
	77	190	< 1	< 10	41	34	9.3	7.2	88	18	1200
	78	180	< 1	< 10	40	30	8.0	6.6	92	17	1200
	86	180	< 1	< 10	40	33	8.6	7.1	91	18	1200
	91	190	< 1	< 10	42	33	9.7	7.9	97	19	1300
	77	190	< 1	< 10	42	33	7.8	6.7	89	17	1200
	77	190	< 1	< 10	41	34	9.3	7.2	88	18	1200
	72	180	< 1	< 10	40	32	7.6	5.8	91	17	1200
	77	190	< 1	< 10	42	33	7.8	6.7	89	17	1200
	100	200	< 1	< 10	42	36	8.7	7.3	98	19	1200
	100	200	< 1	< 10	42	36	8.7	7.3	98	19	1200
	78	180	< 1	< 10	40	30	8.0	6.6	92	17	1200
	77	170	< 1	< 10	40	36	8.1	8.2	83	19	1200
	81	170	< 1	< 10	34	34	7.3	8.8	88	20	1100

Table 8. Major and trace-element data from 1 percent H₂O₂-HCl leach digestions of Standard Reference Materials, Abandoned Mine Lands Project, 1996-1999—(continued)

Standard Reference Material Number	Arsenic ppm	Barium ppm	Beryllium ppm	Bismuth ppm	Cadmium ppm	Cerium ppm	Chromium ppm	Cobalt ppm	Copper ppm	Lanthanum ppm	Lead ppm
<u>SRM-2711</u>											
	79	140	0.6	< 6	35	29	6.2	6.2	72	15	990
	80	170	< 1	< 10	40	34	8.0	7.0	82	19	1100
	78	160	< 1	< 10	33	35	7.0	8.3	88	21	1100
	110	240	1	< 6	54	46	9.8	9.6	110	24	1500
	69	150	< 1	< 10	32	31	6.1	7.4	72	16	930
	72	180	< 1	< 10	39	33	6.4	5	96	18	1200
	82	190	< 1	< 10	40	35	7.2	6.3	83	18	1100
	80	190	< 2	< 20	40	40	9	8	86	20	1100
	79	200	< 0.9	< 9	40	30	8	8	88	20	1100
MEDIAN	79	180	< 1	< 10	40	33	8	7.2	89	18	1200
MEAN	82	183	< 1	< 10	40	34	8.1	7.2	89.6	18.4	1180
STD DEV	9.6	18.5	--	--	4.0	3.4	1.0	1.0	7.8	1.8	105
REL STD DEV	11.7	10.1	--	--	10.0	10.1	12.8	13.8	8.7	9.6	8.9

Standard Reference Material Number	Lithium ppm	Manganese ppm	Molybdenum ppm	Nickel ppm	Silver ppm	Strontium ppm	Thorium ppm	Tin ppm	Vanadium ppm	Yttrium ppm	Zinc ppm
<u>SRM-2711</u>											
	6.6	480	< 2	12	3.8	43	< 5	< 6	16	14	250
	7.7	530	< 2	13	4.3	46	< 5	< 6	19	15	280
	5.9	460	< 2	11	4.1	42	< 5	< 6	16	14	250
	6.7	500	< 2	12	4.2	43	< 5	< 6	18	15	260
	6.0	460	< 2	11	3.8	42	< 5	< 6	17	14	240
	6.6	480	< 2	12	3.8	43	< 5	< 6	16	14	250
	7.7	530	< 2	13	4.3	46	< 5	< 6	19	15	280

Table 8. Major and trace-element data from 1 percent H₂O₂-HCl leach digestions of Standard Reference Materials, Abandoned Mine Lands Project, 1996-1999—(continued)

Standard Reference Material Number	Lithium ppm	Manganese ppm	Molybdenum ppm	Nickel ppm	Silver ppm	Strontium ppm	Thorium ppm	Tin ppm	Vanadium ppm	Yttrium ppm	Zinc ppm
<u>SRM-2711</u>											
	5.5	490	< 2	11	4.0	43	< 5	< 6	15	15	250
	6.7	500	< 2	12	4.2	43	< 5	< 6	18	15	260
	5.9	460	< 2	11	4.1	42	< 5	< 6	16	14	250
	5.5	490	< 2	11	4.0	43	< 5	< 6	15	15	250
	7.1	540	< 2	13	4.2	46	< 5	< 6	17	15	270
	7.1	540	< 2	13	4.2	46	< 5	< 6	17	15	270
	6.0	460	< 2	11	3.8	42	< 5	< 6	17	14	240
	6.5	480	< 2	12	4	40	< 5	< 6	17	14	250
	6.0	470	< 2	11	4	40	< 5	< 6	15	14	240
	5.0	380	< 1	9.5	3.4	34	< 2	< 3	13	11	200
	6.5	470	< 2	12	4	41	< 5	< 6	17	13	250
	6.0	480	< 2	11	4	40	< 5	< 6	16	14	240
	8.1	620	< 1	15	5.3	54	< 2	< 3	22	18	300
	5	390	< 2	9.7	4	34	< 5	< 6	13	13	210
	6.0	460	< 2	12	3	42	< 5	< 6	16	15	260
	6.0	490	< 2	12	4	42	< 5	8.2	15	14	270
	7	500	< 3	10	3	50	< 6	< 8	20	20	240
	6	510	< 2	10	3	46	< 4	< 4	10	20	230
MEDIAN	6	480	< 2	12	4	43	< 5	< 6	16	14	250
MEAN	6.4	486.8	< 2	11.6	4	42.9	< 5	< 6	16.4	14.8	252
STD DEV	0.8	46.2	--	1.2	0.5	4.1	--	--	2.3	1.9	20.7
REL STD DEV	12.2	9.5	--	10.4	11.9	9.5	--	--	14.3	13.0	8.2

Table 8. Major and trace-element data from 1 percent H₂O₂-HCl leach digestions of Standard Reference Materials, Abandoned Mine Lands Project, 1996-1999—(continued)

Standard Reference Material Number	Aluminum ppm	Calcium ppm	Iron ppm	Potassium ppm	Magnesium ppm	Sodium ppm	Phosphorous ppm	Silicon ppm	Titanium ppm	Antimony ppm
<u>SRM-2710</u>										
n = 6	7,500	4,100	18,000	3,100	3,600	600	1,000	< 200	600	< 20
	6,800	3,600	16,000	3,000	2,900	430	880	2,000	400	< 6
	7,300	3,800	17,000	3,200	3,200	490	860	4,600	540	< 10
	7,200	3,600	17,000	3,400	3,500	460	920	3,800	620	< 10
	6,800	3,600	16,000	3,000	2,900	430	880	2,000	400	< 6
	7,200	3,600	17,000	3,400	3,500	460	920	3,800	620	< 10
	7,300	3,800	17,000	3,200	3,200	490	860	4,600	540	< 10
MEDIAN	7,200	3,600	17,000	3,200	3,200	460	880	3,800	540	< 10
MEAN	7,160	3,730	16,900	3,190	3,260	480	903	3,470	531	< 10
STD DEV	244.1	175.0	638.9	155.2	266.5	54.0	45.9	1,087.3	88.7	--
REL STD DEV	3.4	4.7	3.8	4.9	8.2	11.2	5.1	31.4	16.7	--

Table 8. Major and trace-element data from 1 percent H₂O₂-HCl leach digestions of Standard Reference Materials, Abandoned Mine Lands Project, 1996-1999—(continued)

Standard Reference Material Number	Arsenic ppm	Barium ppm	Beryllium ppm	Bismuth ppm	Cadmium ppm	Cerium ppm	Chromium ppm	Cobalt ppm	Copper ppm	Lanthanum ppm	Lead ppm
<u>SRM-2710</u>											
	570	330	< 3	< 30	20	40	10	8	2,800	20	5,100
	580	240	1.0	19	17	28	9.6	6.3	2,700	16	5,200
	510	300	< 2	< 20	18	29	10	6.3	2,800	16	5,300
	620	300	< 2	< 20	18	31	11	6.6	2,900	17	5,300
	580	240	1.0	19	17	28	9.6	6.3	2,700	16	5,200
	620	300	< 2	< 20	18	31	11	6.6	2,900	17	5,300
	510	300	< 2	< 20	18	29	10	6.3	2,800	16	5,300
MEDIAN	580	300	< 2	19	18	29	10	6.3	2,800	16	5,300
MEAN	570	287	< 2	19.0	18.0	30.9	10.2	6.6	2,800	16.9	5,240
STD DEV	42.1	31.5	--	0.0	0.9	3.9	0.5	0.6	75.6	1.4	72.8
REL STD DEV	7.4	11.0	--	0.0	5.1	12.7	5.4	8.7	2.7	8.0	1.4

Table 8. Major and trace-element data from 1 percent H₂O₂-HCl leach digestions of Standard Reference Materials, Abandoned Mine Lands Project, 1996-1999—(continued)

Standard Reference Material Number	Lithium ppm	Manganese ppm	Molybdenum ppm	Nickel ppm	Silver ppm	Strontium ppm	Thorium ppm	Tin ppm	Vanadium ppm	Yttrium ppm	Zinc ppm
<u>SRM-2710</u>											
n = 6											
	10	8,800	20	6	30	100	< 10	< 20	30	10	5,400
	9.7	8,000	12	6.4	30	78	< 5	< 6	28	12	5,200
	10	7,900	15	6.4	32	81	< 10	< 10	31	12	5,400
	12	8,300	15	6.9	32	84	< 10	< 10	31	12	5,500
	9.7	8,000	12	6.4	30	78	< 5	< 6	28	12	5,200
	12	8,300	15	6.9	32	84	< 10	< 10	31	12	5,500
	10	7,900	15	6.4	32	81	< 10	< 10	31	12	5,400
MEDIAN	10	8,000	15	6.4	32	81	< 10	< 10	31	12	5,400
MEAN	10.5	8,170	14.9	6.5	31	83.7	< 10	< 10	30.0	11.7	5,370
STD DEV	1.0	301	2.5	0.3	1.0	7.0	--	--	1.3	0.7	116
REL STD DEV	9.2	3.7	16.7	4.5	3.2	8.4	--	--	4.4	6.0	2.2