

Table 1A. 2000 SRM 2709 (San Joaquin Soil) Recoveries (HNO₃ Extraction)

Month	Rep	Concentration, ug/g								
		AL	CR	CU	FE	MN	NI	PB	V	ZN
January	1	35520	86.1	26.7	30068	482	74.8	15.2	90.5	87.6
	2	35231	85.7	28.8	30018	481	75.4	16.3	94.2	88.2
February	1	36644	86.2	26.7	30110	475	75.1	15.4	93.6	85.5
	2	34954	82.4	24.8	29191	469	74.3	14.3	88.6	83.6
March	1	35762	83.2	26.8	28753	463	72.5	14.3	92.9	84.9
	2	37442	86.5	28.1	29837	476	75.8	15.7	95.8	86.2
April	1	36755	89.0	26.0	30046	484	75.4	15.4	95.0	94.7
	2	38217	92.7	27.5	30501	489	76.0	15.8	98.0	90.1
June	1	36975	90.1	27.4	30035	487	75.6	15.3	96.4	89.0
	2	39083	93.7	27.7	30476	493	75.7	15.8	99.6	91.0
September	1	34969	86.4	24.4	29195	480	73.7	14.6	91.8	87.8
	2	32530	82.5	26.8	28959	475	74.2	14.4	84.6	86.1
Certified Value, ug/g		75000	130	34.6	35000	538	88	18.9	112	106
Standard Deviation		0.06	4	0.7	0.11	17	5	0.5	5	3

Month	Rep	Percent Recovery								
		AL	CR	CU	FE	MN	NI	PB	V	ZN
January	1	47	66	77	86	90	85	80	81	83
	2	47	66	83	86	89	86	86	84	83
February	1	49	66	77	86	88	85	81	84	81
	2	47	63	72	83	87	84	76	79	79
March	1	48	64	77	82	86	82	75	83	80
	2	50	67	81	85	88	86	83	86	81
April	1	49	68	75	86	90	86	82	85	89
	2	51	71	79	87	91	86	83	87	85
June	1	49	69	79	86	90	86	81	86	84
	2	52	72	80	87	92	86	84	89	86
September	1	47	66	70	83	89	84	77	82	83
	2	43	63	77	83	88	84	76	76	81
Average % Recovery		48	67	77	85	89	85	80	83	83
Standard Deviation		2	3	4	2	2	1	4	4	3

Table 1B. 2001 SRM 2709 (San Joaquin Soil) Recoveries (HNO₃ Extraction)

		Concentration, ug/g								
Month	Rep	AL	CR	CU	FE	MN	NI	PB	V	ZN
January	1	49033	96.5	27.3	32510	509	76.7	17.3	104	76.2
	2	46269	93.4	28.0	32047	503	76.9	17.2	99.3	75.3
February	1	44410	90.8	26.8	32180	506	76.3	17.0	94.5	76.6
	2	47289	94.2	27.3	31915	501	75.7	17.2	101	73.7
March	1	44726	90.6	27.1	31585	496	75.0	17.5	96.8	73.2
	2	45195	90.6	26.0	31305	490	74.2	16.3	95.1	71.8
April	1	49454	94.4	26.5	32678	512	74.5	17.5	100	77.0
	2	47333	93.4	26.5	32400	505	74.2	16.4	97.6	76.0
June	1	45809	89.5	25.2	31577	496	72.2	16.4	95.0	72.0
	2	47496	92.1	26.4	32032	501	72.8	16.8	96.9	73.4
September	1	46341	90.5	26.2	31727	495	72.5	16.6	97.2	72.2
	2	45364	90.0	25.9	31786	497	73.3	17.2	94.6	73.1
October	1	49350	94.1	28.2	32402	508	74.0	17.4	103	74.8
	2	43674	87.7	25.0	31284	493	72.4	15.9	90.6	72.3
December	1	49289	93.8	26.8	31998	501	72.9	17.3	101	74.8
Certified Value, ug/g		75000	130	34.6	35000	538	88.0	18.9	112	106
Standard Deviation		0.06	4	0.7	0.1	17	5	0.5	5	3

		Percent Recovery								
Month	Rep	AL	CR	CU	FE	MN	NI	PB	V	ZN
January	1	65	74	79	93	95	87	92	93	72
	2	62	72	81	92	93	87	91	89	71
February	1	59	70	77	92	94	87	90	84	72
	2	63	72	79	91	93	86	91	90	70
March	1	60	70	78	90	92	85	92	86	69
	2	60	70	75	89	91	84	86	85	68
April	1	66	73	76	93	95	85	92	89	73
	2	63	72	77	93	94	84	87	87	72
June	1	61	69	73	90	92	82	87	85	68
	2	63	71	76	92	93	83	89	86	69
September	1	62	70	76	91	92	82	88	87	68
	2	60	69	75	91	92	83	91	84	69
October	1	66	72	81	93	94	84	92	92	71
	2	58	67	72	89	92	82	84	81	68
December	1	66	72	77	91	93	83	91	90	71
Average % Recovery		62	71	77	91	93	84	90	87	70
Standard Deviation		3	2	3	1	1	2	3	3	2