TABLE 1a (CON'T)--ANALYSES OF ROCK SAMPLES, ST-SERIES, STUNNER, SUMMITVILLE, JASPER, PLATORO REGION
EASTERN SAN JUAN MOUNTAINS; ARCHULETA, RIO GRANDE, CONEJOS COUNTIES, COLORADO

	Semiquantitative spectrographic methods ppm																											Flame photometer percent		Semiquantitative Spectrograph percent			Atomic Absorption ppm	Instrument ppb	Atomic Absorption ppm
Sample	Ti	Zn	Mn	V	Zr	La	Ni	Cu	Cd	Pb	B	Y	Mo	Sn	Co	Ag	Be	Bi	Ga	As	Sb	W	Sc	Cr	Ba	Sr	K_2O	Na_2O	Fe	Mg	Ca	Au	Hg	Te
St-128.0	5000	<200	20	150	200	50	<5	7	<20	20	10	15	5	<10	<5	<.5	<1	<10	15	<200	<100	<50	15	10	700	<100			1	.1	.05	.4	60	
129	3000		200	100	200	50	5	10		20	10	10	<2	<10	<5	<.5	<1	<10	15				10	10	100	<100			1	.2	.1	.2	40	
130	3000		50	50	300	70	<5	20		10	20	20	<2	<10	<5	<.5	1.5	<10	20				7	<10	300	<100			1	.3	.05	.1	70	
131	2000		70	30	150	<50	<5	15		100	<10	10	20	<10	<5	<.5	<1	<10	<10				5		1000	100			.7	.15	.3	.3	70	
132	3000		70	50	500	100	<5	20		<10	20	30	10	<10	<5	<5	2	<10	20				70		150	<100			1.5	.5	<.5	.3	20	
133	1000	>10,000	100	50	50	<50	10	300	200	3000	15	10	>2000	<10	5	20	<1	<10	10	300	150		5		70				10	.05	.05	1.7	2400	<.5
134A	1500	500	70	30	50	<50	<5	30	<20	100	15	10	200	<10	<5	20	<1	<10	10	200	100		5		150				10	.05	<.05	1	2400	<.5
134B	1500	5000	100	70	100	<50	5	200	50	1000	10	20	300	<10	<5	20	<1	<10	15	<200	150		5		200				5	.1	.1	.9	2000	<.5
135	200	700	200	20	<10	<50	10	500	<20	500	10	20	500	<10	10	70	1	50	10	500	150		<5		>5000	2000			5	.03	.07	15.1	2400	<.5
136	3000	<200	100	50	150	50	<5	50		150	10	10	2	<10	<5	5	1	<10	20	<200	<100		5		1000	100			1.5	.1	.07	.5	2000	
137	50	1500	50	10	<10	<50	<5	2000		200	10	150	700	<10	<5	200	<1	<10	<10	<200	700		<5		200	<100			2	.02	.05	1.4	2000	<.5
138	300	<200	30	10	10	<50	50	1000		100	10	10	200	10	50	50	1	100	<10	<200	100		<5		5000	200			7	.02	.05	4.3	2500	
139	10		700	10	<10	<50	<5	70		50	15	30	10	<10	<5	100	2	<10	<10	2000	300		<5		500	<100			10	.03	.7	8.8	2400	<.5
140	10		50	10	<10	<50	5	200		700	<10	10	150	<10		30	<1	20	10	<200	100		<5	<100	5000	500			2	<.02	.07	7.5	2400	
141	1000		20	150	150	70	20	20		50		20	5			<.5		<10	20		<100		20	100	700	1000	2.25	.08	3	.2	.1	.3	8000	
142	10000		10	200	500	100	15	70		30		10	<2		15				20				20	20	1000	2000	1.65	.27	3	.02	.05	.1	30	
143	10000		10	200	500	100	20	70		50		15	<2		20								20	20	700	1500	1.61	.27	3	.02	.05	.3	20	
144	7000		1000	150	150	70	20	20		30	10	20	<2		15		1						15	15	700	200			3	2	.15	.3	10	
145	7000		20	100	200	50	20	70		20	20	10	2		15		1						10	15	700	200			3	.1	.05	.4	30	
146	7000		300	200	200	70	10	15		15	15	15	<2		5		1						15	<10	1000	500	5.47	4.83	2	.5	.15	.2	60	
147	7000		300	200	150	70	10	20		15	100	30	2		10		1						15	10	700	700	2.42	2.51	2	.5	.2	.4	60	
148	5000		500	100	200	70	<5	10		10	20	20	2		5		1		15				7	<10	700	200	1.94	1.48	2	1	2	<.1	30	
149	7000		300	150	200	50	10	50		10	20	20	5		15		1		20				15	<10	1000	500	3.04	3.91	3	.7	.1	.2	40	
150A	7000		300	150	150	70	5	30		15	30	20	5		10		1		20				15	10	500	700	4.19	.18	5	1	.05	.1	40	
150B	7000		100	100	200	100	<5	5		20	20	20	<2		<5		1		15				20	<10	1000	500	2.56	1.73	.5	.2	.05	<.1	30	
151	7000		20	150	200	50	5	7		10	20	20	2		5		1		15				10	<10	700	500	4.19	.19	2	.2	.05	.1	60	
152	5000		70	150	200	50	5	7		10	20	20	<2		<5		1		15				15	10	700	500	3.83	4.22	1.5	.2	.1	<.1	80	
153	5000		<10	200	150	50	15	30		100	<10	10	<2		10		<1		15				15	10	500	1000	.93	1.16	2	.02	.07	<.1	400	
155	2000		<10	150	100	50	<5	20		10	<10	10	5		<5		<1		20				10	10	200	1000			7	<.02	.05	.1	500	
156	100		<10	10	<10	<50	20	700		30	<10	<10	20		20	1	<1		10				<5	<10	50	<100			15	<.02	<.05	.9	8000	
157A	200	>10,000	200	<10	10	<50	<5	2000	>500	>20,000	<10	<10	7		<5	100	<1		10		200		<5	<10	>5000	500			1	.02	.2	3.2	200	
157B	1000	>10,000	50	10	700	<50	50	1000	100	3000	<10	10	50		50	200	<1	10	10	200	100		<5	<10	>5000	1000			15	<.02	<.05	23.	>10000	
158A	5000	<200	70	150	500	100	10	50	<100	100	10	30	5		10	1.5	1	<10	20	<200	<100		15	10	300	<100			5	.5	.05	.7	500	
158B	300		70	10	20	<50	<5	10	<100	50	<10	<10	<2		5	1.5	1	<10	<10	<200	<100		<5	<10	100	<100			1	.05	.05	.6	300	
159	3000		20	100	500	100	5	20	<100	30	<10	20	10		5	<.5	1	<10	15	<200	<100		10	10	300	700	1.09	.04	1.5	.1	.07	1	100	
160A	5000		1000	150	200	100	20	200	<20	20		30	3		30	<.5	1.5		20				20	10	700	700			5	1	2	.2	80	
160B	150		50	<10	20	<50	<5	5		20		<10	<2		<5	3	1		<10				<5	<10	50	<100			.7	.02	.05	.2	4000	
161A	700		1000	20	30	<50	7	30		100		20	30		5	10	1		<10				5	<10	100	<100			5	.02	.05	.4	100	
161B	2000		100	100	150	50	<5	5		150	10	<10	<2		<5	3	1		15				5	10	200	500			.3	.1	.07	.1	260	
162	3000		100	100	150	50	7	70		700	10	10	30		5	10	1	70	10				10	10	200	100			2	.07	.2	.8	150	
163	7000		70	150	200	50	5	7		15	15	20	2		5	.5	1	<10	15				15	<10	200	<100			1.5	.3	.1	.2	200	
164A	7000		30	150	200	50	20	30		15	20	15	2		15	<.5	<1		20				15	50	500	500	4.38	.20	3	.2	.1	1.6	50	
164B	5000		20	150	200	50	7	15		10	20	30	2		<5	<.5	<1		20				15	10	150	<100	4.95	.19	2	.5	.05	.4	20	
165A	5000		100	150	200	70	10	10		10	15	30	2		15	<.5	1		20				15	10	150	100	3.94	.08	5	.3	.1	.2	280	
165B	7000		70	150	200	50	10	30		15	20	30	2		10	<.5	1		20				15	10	500	<100	4.56	.10	5	.5	.07	<.1	150	
165C	7000		30	150	200	50	10	70		10	30	20	2		10	<.5	1		20				10	10	200	<100	4.30	.21	3	.2	.1	.1	190	
166	100	>10,000	300	10	<10	<50	<5	>5000	500	>20,000	<10	20	20		5	200	<1	10	15		150		5	<10	5000	100			2	.02	.1	9.9	180	<.5

Sample locations shown on Maps 1a, 1b, 1c