DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

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76-825
TABLE 1A
SHEET 3 OF 31

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-67	5000	10	70	100	150	50	7	20	<20	10	30	30	<2	<10	<5	<.5	1.5	<10	10	<200	<100	<50	15	<10	500	200	1.58	.04	1.5	.5	.07	<.1	35	
68	7000	N(5)	50	150	150	30	5	10		20	<10	20	<2		5		<1		20				20	15	700	1000	1.92	1.25	.5	<.02	.1		60	
69	7000	L(5)	70	150	200	20	7	10		<10	30	20	<2		5		1		15				15	<10	200	<200	2.73	.04	2	.5	.07		15	
70	5000	20	200	150	200	20	5	15		20	10	20	5		10		1		20				20	<10	<5000	<200	3.01	.06	10	1.5	.07		75	
71	7000	90	1000	200	150	30	20	70		70	10	20	100		15		<1		20				20	<10	<5000	500	2.22	4.16	10	2	.2	↓	50	
72	7000	N<(5)	30	150	200	30	5	30		15	<10	<10	2		<5		1		30				10	50	1000	500	4.60	3.21	3	.5	.1	<.1	20	
73A	7000	5	70	150	200	30	<5	10		200	15	50	7		<5		1		20				15	30	700	1500	3.93	.26	.5	.5	.1		50	
73B	7000	10	70	150	200	50	5	7		150	30	20	2		<5		1		20				15	20	500	700	3.92	.22	.5	.5	.1		900	
74	7000	5	50	200	100	50	5	30		100	20	20	10		<5		<1		20				20	15	700	500	4.59	.31	.5	.3	.07		60	
75	7000	10	70	200	300	70	5	15		200	20	20	<2		<5		1		20				15	50	1000	1000	3.01	.13	.3	.3	.1		60	
76	7000	L(5)	50	200	700	70	<5	15		20	30	20	<2		<5		<1		20				15	20	300	200	4.44	.15	.3	.5	.07		40	
77	10000	5	70	200	500	50	5	15		100	20	15	<2		5		<1		20				15	30	700	700	2.92	.31	.7	.3	.1		40	
78	10000	L(5)	50	200	200	50	5	15		10	50	20	3		5		1		20				20	20	300	200	4.85	.37	2	.5	.05		45	
79	10000	15	300	200	500	50	<5	50		10	15	30	<2		5		1.5		30				15	20	500	<200	4.55	.07	5	2	.07		20	
80A	7000	65	500	200	150	<20	<5	7		30	<10	15	2		7		1		20				15	10	700	700	3.38	2.93	7	2	.7		<15	
80B	10000	500	1000	300	150	50	50	200		70	15	30	3		100		1		20				20	10	700	700	2.05	3.96	20	3	1.5		<15	
81A	5000	5	15	100	200	50	<5	20		1000	20	<10	<2		<5		1		15				15	<10	500	700	3.88	.61	.7	.2	.05		20	
81B	20000	60	100	30	300	<20	5	70		150	<10	<10	<2		5		<1		<10				7	10	100	700			.5	.02	.05	↓	35	
81C	10000	10	70	200	200	70	5	30		2000	30	<10	<2		<5		1.5		30				15	70	1000	1000			.7	.5	.07	<.1	65	
81D	7000	10	10	30	150	<20	5	50		100	<10	<10	<2		<5		<1		<10				<5	15	100	200			.7	.02	<.05	.1	120	
82	3000	L(5)	15	150	150	70	5	15		500	30	<10	2		5	1.5	1		30				7	30	500	500	2.87	.29	1	.15	.07	<.1	45	
83	5000	N(5)	<10	150	200	30	<5	20		100	15	20	<2		<5	<.5	<1		15				10	30	300	300	.99	.39	.3	.05	.07		60	
84	7000	L(5)	50	150	200	100	<5	20		70	<10	30	2		<5		<1		15				15	<10	300	200	3.19	.16	1	.5	.1		70	
85	7000	L(5)	150	150	150	50	<5	30		200	30	10	<2	30	<5		<1		30				15	30	700	<200	4.94	.14	.5	.7	.05	↓	40	
86	1000	120	75000	10	20	<20	5	50		100	<10	<10	<2	<10	<5	30	7		<10				<5	<10	300	200	.04	<.04	2	1.5	3	.1	140	<.5
87	2000	L(5)	70	70	50	100	<5	50		15	<10	<10	<2		<5	<.5	1.5		15				<5	<10	500	300			.3	.02	.15	<.1	70	
88	3000	25	100	50	70	50	5	50		<10	<10	20	<2		<5		<1		<10				5	<10	500	700			2	.02	<.05		1100	
89	5000	N(5)	10	200	50	20	10	20		10	<10	<10	<2		<5		<1		20				5	300	700	1000			1.5	<.02	.1		500	
90	5000	15	70	200	70	<20	5	10		10	10	20	2		<5		<1		20				15	150	500	200			5	.15	.07		100	
91A	7000	N(5)	10	200	200	100	<5	15		10	<10	<10	2		<5		<1		20				15	70	500	700			2	<.02	.07		90	
91B	7000	L(5)	10	200	300	100	5	10		20	<10	<10	<2		<5		<1		30				15	70	1000	1000			2	<.02	.1		140	
92	5000	5	20	150	200	100	10	10		30	30	30	3	↓	10		2		20				10	<10	300	200			3	.5	.05		160	
93	1000	300	50	30	50	<20	5	5		<10	<10	<10	10	20	<5		<1		20				<5	10	500	300			15	.1	.1		40	
94A	3000	<200	10	70	150	100	10	20		2000	10	<10	<2	<10	5		<1		20				<5	20	700	500	1.40	.28	2	<.02	.05		120	
94B	3000		<10	150	150	100	<5	20		10000	10	<10	<2		<5		<1		50				10	30	700	700	2.79	.26	2	<.02	.05		60	
95A	5000		<10	100	200	100	<5	10		200	10	<10	<2		<5		<1		20				10	20	700	1000			2	<.02	.1		60	
95B	2000		<10	100	200	50	5	15		2000	<10	<10	<2		<5		<1		20				5	10	500	500	2.56	.22	2	<.02	<.05		550	
96	5000	200	20	100	200	100	5	15		500	10	10	<2		<5		<1		30				10	20	1000	700	1.63	.42	2	.02	1		90	
97A	5000	<200	150	50	150	50	5	20		15	<10	10	2		5		<1		10				5	<10	1000	700			3	.05	.05		100	
97B	2000		10	50	150	50	5	20		20	10	10	2		5		1.5		15				5	<10	150	500			3	.3	.05		160	
98	3000		50	30	200	70	<5	10		10	10	20	2		<5		1		10				10	<10	2000	500			5	.02	<.05		130	
99A	1000		70	20	70	<20	<5	20		30	<10	<10	<2		<5	↓	1.5		<10				<5	<10	100	<200			1	.02	.07		100	
99B	1000		200	100	50	<20	5	50		20	10	20	20		<5	.5	1		10				10	10	<100	<200			7	.2	.1		20	
100A	7000		50	100	200	<20	<5	10		<10	<10	<10	5		<5	<.5	<1		10				10	10	<100	<200			1	.05	.05	↓	25	
100B	7000		100	30	10	<20	5	15		<10	<10	<10	<2		<5		<1		<10				5	<10	50	<100			.5	.1	.05	.1	<15	
100C	2000		300	100	100	<20	10	50		15	10	15	2		<5		1		15				15	20	200	200			5	.7	.3	.1	<15	
101A	1500	↓	70	50	100	<20	<5	70	↓	30	10	<10	7	↓	<5	↓	<1	↓	10	↓	↓	↓	25	<10	100	100			1	.05	.05	<.1	>2100	

L( ) – Detected but below value shown
N( ) – Not detected at limit shown

Sample locations shown on Maps 1a, 1c