TABLE 6A--ANALYSES OF ROCK SAMPLES, KC-SERIES, CRATER CREEK AREA
EASTERN SAN JUAN MOUNTAINS; ARCHULETA COUNTY, COLORADO

	Semiquantitative spectrographic methods (ppm)																												Atomic absorption (ppm)	Instrument (ppb)
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	Fe (percent)	Mg (percent)	Ca (percent)	Au	Hg
66-KC-1	1500	500	30	10	70	<50	5	200	<20	70	<10	<10	15	20	<5	1.5	<1	100	<10	<200	<100	<50	<5	<10	100	150	10	.02	<.05	<.1	480
2A	1500	>10000	50	100	150	50	<5	300	>500	500	↓	<10	<2	15	<5	70	↓	200	100	↓	100	↓	<5	↓	>5000	1000	.5	<.02	.05	<.1	1200
2B	1500	500	20	20	200	70	<5	20	<20	70	↓	10	<2	<10	<5	1.5	↓	<10	10	↓	<100	↓	<5	↓	1500	1500	1.5	<.02	.07	<.1	15
3	2000	<200	10	100	100	<50	<5	10	<20	200	<10	<10	<2	<10	<5	<.5	<1	<10	20	<200	<100	<50	5	<10	500	500	1	<.02	.07	<.1	30

	Semiquan spect. (percent)	Atomic absorption	Semiquantitative spectrographic methods (ppm)																													
68-KC-1	1	30	500	200	300	100	20	30	N	200	L	10	5	N	30	N	L	N		N	N	N	15	50	700	1000	5	3	1.5
2	1	180	1000	200	200	100	20	50	↓	20	10	20	10	↓	50	↓	L	↓		↓	↓	↓	15	30	100	100	7	.3	.2
3	.3	15	100	70	150	50	5	5	↓	70	L	L	L	↓	5	↓	L	↓		↓	↓	↓	5	10	100	500	1.5	.2	.3
4	.7	25	50	100	200	100	5	5	↓	150	L	50	L	↓	L	↓	L	↓		↓	↓	↓	10	10	1000	500	3	.2	.05
5	.7	95	700	150	200	100	20	20	↓	20	L	20	L	↓	20	↓	L	↓		↓	↓	↓	15	10	500	200	3	1	1.5
6	.2	(5)	10	70	150	50	5	5	↓	200	L	10	L	↓	L	↓	L	↓		↓	↓	↓	5	30	200	300	.2	.05	.05
7	.7	85	1500	200	300	100	10	30	↓	50	10	30	5	↓	20	↓	L	↓		↓	↓	↓	20	5	1000	500	7	2	2
8	.1	55	150	50	200	50	L	20	↓	200	10	10	5	↓	L	↓	L	↓		↓	↓	↓	5	20	500	500	7	.1	5
9	.3	10	150	20	500	100	L	L	↓	20	10	30	5	↓	L	↓	L	↓		↓	↓	↓	5	5	1500	500	2	1	.2
10	1	65	1000	200	150	50	5	20	↓	30	10	20	5	↓	30	↓	L	↓		↓	↓	↓	20	L	1000	300	7	3	5
11	.7	110	1500	150	200	100	10	20	↓	50	10	20	5	↓	20	↓	1	↓		↓	↓	↓	15	5	>5000	1000	5	1	5
12	.7	95	1500	200	100	100	15	30	↓	70	15	20	5	↓	30	↓	L	↓		↓	↓	↓	20	5	700	300	7	.7	7
13	.7	50	2000	200	150	100	20	30	↓	20	10	20	L	↓	20	↓	L	↓		↓	↓	↓	20	50	700	200	7	3	2

TABLE 6B--ANALYSES OF PYRITE FROM SELECTED SAMPLES, KC-SERIES

Pyrite from	Fire assay — atomic absorption	Semiquantitative spectrographic methods																									
Sample	Au (ppm)	Al	Fe	Mg	Ca	Ti	Mn	Ag	Ba	Bi	Ce	Co	Cr	Cu	La	Li	Mo	Ni	Pb	Sb	Sn	Sr	V	Y	Yb	Zn	Zr
66-KC-1	<2.	.3	M	0	0	.007	0	0	.002	0	0	0	.007	.07	0	0	0	0	0	0	0	0	0	0	0	.05	0

Sample locations shown on Map 6

N - Not detected
L - Present but below determination limit
< - Less than value
> - Greater than value