TABLE 3A (CON'T)--ANALYSES OF ROCK SAMPLES, CH-SERIES, CRYSTAL HILL AREA
EASTERN SAN JUAN MOUNTAINS; SAGUACHE COUNTY, COLORADO

	Semiquantitative spectrographic methods, ppm																											Atomic absorption, ppm	percent		
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		Au	Fe	Mg	Ca
CH-34B	7000	700	> 5000	30	200	100	5	7	< 20	50	30	30	3	< 10	15	3	1.5	< 10	30	300	< 100	< 50	15	< 10	1000	< 200		.7	5	1	.2
35	5000	< 200	300	10	200	50	5	7		50	50	10	< 2		< 5	< .5	1		10	< 200			6		1000	< 200		< .1	.2	.5	.05
36	5000	200	300	15	200	50	< 5	7		70	50	20	< 2			< .5	1		10	< 200			10		1500	200			1	.5	.2
37	5000	< 200	300	20	150	50	7	7		10	20	20	30			.5	2		10	< 200			7		700	< 200			.7	.2	.3
38	500	< 200	500	< 10	150	20	< 5	7		10	20	10	< 2			< .5	2		15	< 200			< 5		500	< 200			.5	.2	.1
39A	1000	5000	> 5000	30	100	200	10	500	50	> 20,000	10	30	100		15	70	3		< 10	< 200			5	70	5000	2000		1.1	3	.5	.7
39B	10	5000	> 5000	30	< 10	50	7	500	300	1500	< 10	30	200		300	100	5		< 10	< 200			< 5	200	> 5000	> 5000		< .1	5	.1	1.5
40	50	1000	> 5000	50	< 10	< 20	30	300	< 50	15,000	< 10	50	200		30	500	30		< 10	300	500		< 5	200	> 5000	2000		.1	5	.1	1.5
41	1000	5000	> 5000	30	100	100	10	700	50	20,000	15	30	50		10	50	5		< 10	< 200	< 100		5	20	2000	1000		22	5	.7	3
42	1500	< 200	1000	< 10	150	20	10	3000	< 50	1000	30	10	< 2		< 5	100	1.5		10	< 200	700		< 5	< 10	2000	200		< .1	1	.1	.1
43	5000	< 200	1000	30	200	70	50	20	< 50	15	20	20	< 2	< 10	15	.5	1	< 10	15	< 200	< 100	< 50	15	50	700	700		< .1	5	1	2

TABLE 3B--ANALYSES OF PYRITE FROM SELECTED SAMPLES, CH-SERIES

Pyrite from sample	Fire assay - Atomic absorption, ppm	Semiquantitative spectrographic methods, percent																										
	Au	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
Ch-9c	2	.3	M	< .005	0	.15	.15	.001	.005	0	0	.007	.0003	.015	0	0	0	.003	.07	0	.005	0	0	.002	< .0007	0	.15
Ch-14	14	.3	M	0	0	.02	.015	.003	.005	0	0	0	.0002	.2	0	0	.001	.007	.5	0	0	0	0	0	0	.7	0

Sample locations shown on Map 3

M - Greater than 10%
0 - Not detected
< - Less than value
> - Greater than value