UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

GEOCHEMICAL ANALYSES OF ROCKS
OF THE ANACONDA-PINTLAR WILDERNESS,
BEAVERHEAD, DEER LODGE, GRANITE, AND RAVALLI COUNTIES, MONTANA

by

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This report is preliminary and has not been reviewed for conformity with U.S.
Geological Survey editorial standards.

STUDIES RELATED TO WILDERNESS

Under the provisions of the Wilderness Act (Public Law 88-577, September 3, 1964) and the Joint Conference Report on Senate Bill 4, 88th Congress, the U.S. Geological Survey and the U.S. Bureau of Mines have been conducting mineral surveys of wilderness and primitive areas. Areas officially designated as "wilderness," "wild," or "canoe" when the act was passed were incorporated into the National Wilderness Preservation System, and some of them are presently being studied. The act provided that areas under consideration for wilderness designation should be studied for suitability for incorporation into the Wilderness System. The mineral surveys constitute one aspect of the suitability studies. The act directs that the results of such surveys are to be made available to the public and be submitted to the President and the Congress. This report discusses the results of a mineral survey of the Anaconda-Pintlar Wilderness, Beaverhead, Deer Lodge, Granite, and Ravalli Counties, Montana.

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Introduction

The U.S. Geological Survey began a mineral-resource assessment of the Anaconda-Pintlar Wilderness in 1979. The study consisted of coordinated geological, geophysical, and geochemical studies with the objective of evaluating the mineral-resource potential in the area. The geochemical survey consisted of the collection of 506 rock samples which were analyzed for 32 elements using wet chemical and semiquantitative emission spectrographic techniques. Figure 1 is a map of the area studied. Table 1 gives the lower detection limits of the analytical methods used, and table 2 lists the results obtained.

Sampling and Analytical Procedures

Approximately two samples per kilometer of traverse was the average sampling density, though more samples were taken where hydrothermal alteration was more prevalent. An unweathered, approximately 3/4 fist-sized sample of rock was collected from a suitable outcrop that was considered to be representative of the plotted site location. The sample was ground to minus 200 mesh with a vertical pulverizer and analyzed for 31 elements using a six-step semiquantitative emission spectrographic technique (Grimes and Marranzino, 1968). Atomic absorption techniques were used to analyze for zinc (Ward and others, 1969), and antimony (Welsch and Chao, 1975), while a colorimetric technique was used to analyze for arsenic (Almond, 1953).

The semiquantitative spectrographic analyses are reported as one of six steps per order of magnitude (1, 0.7, 0.5, 0.3, 0.2, 0.15, and multiples of 10 of these values) and are the approximate geometric midpoints of the concentration ranges whose respective boundaries are 1.2, 0.83, 0.56, 0,38, 0.26, 0.18, and 0.12 (or appropriate powers of ten of these values). The precision of the method has been shown to be within one adjoining reporting interval on each side of the reported values 83 percent of the time and within two adjoining intervals on each side of the reported value 96 percent of the time (Motooka and Grimes, 1976).

The precision of the wet chemical techniques used for Zn, Sb, and As are usually expressed as percent relative standard deviation (% RSD) which is obtained by replicate analysis of samples selected to provide data at different concentration levels. In general, the precision of each method tends to be lowest for those samples containing a given element at or near its lower limit of detection. For the elements discussed here, the data are as follows:

Element	Range of % RSD	Source of data
Zn	3.4-30.2	Ward and others, 1969, p. 21
Sb	3.7-10.7	Welsch and Chao, 1975
As	0. -48.9	Open-File Report 81-670
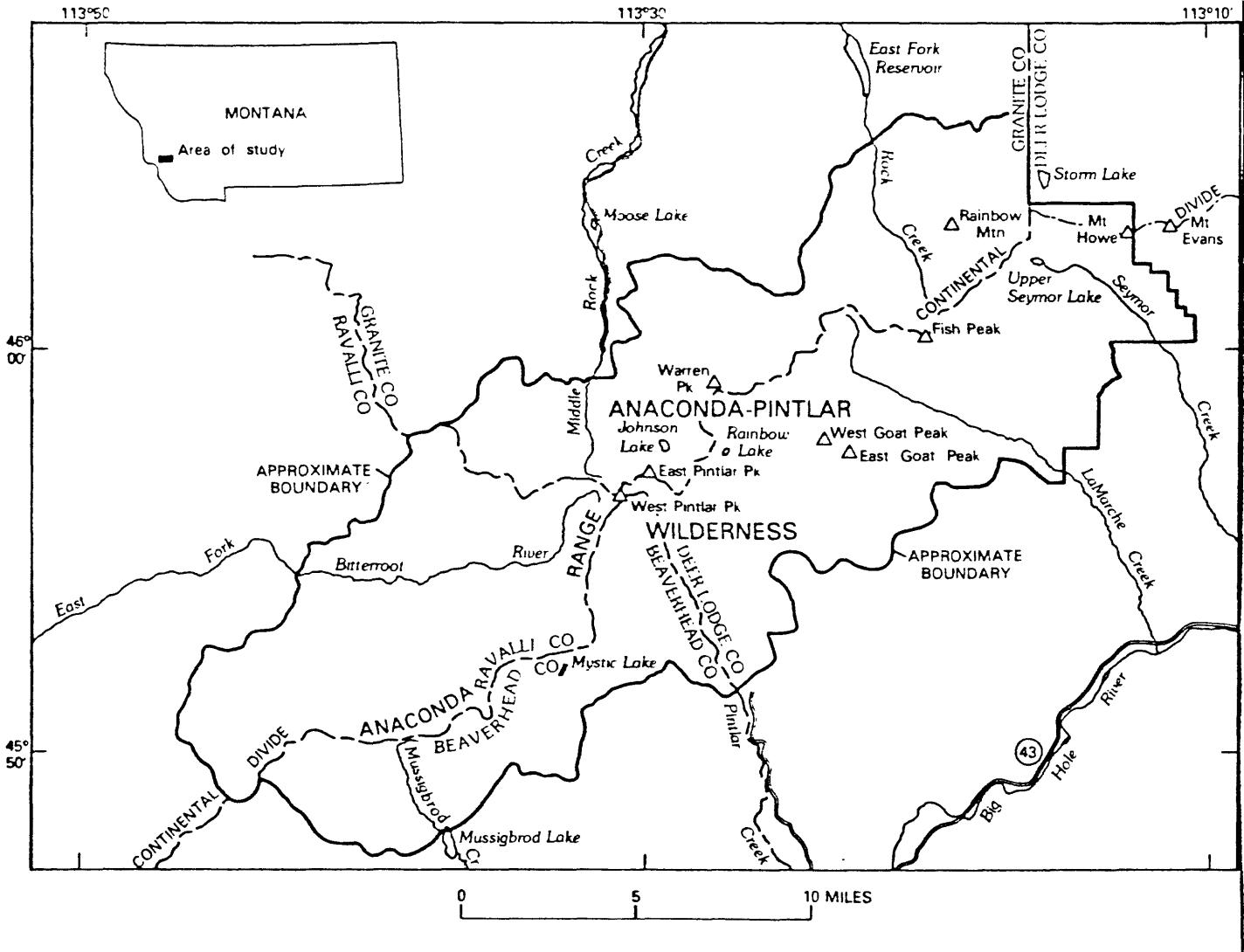
Figure 1.--Location of sampling area

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The visual lower limits of determination for the 31 emission spectrographic elements included in this report are as follows:

Table 1

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For those given in percent:

| Calcium 0.05 | Iron 0.05 | Magnesium 0.02 | Titanium 0.002 |

For those given in parts per million:

Antimony	100	Bismuth	10	Cobalt	5	Lead	10
Arsenic	200	Boron	10	Copper	5	Manganese	10
Barium	20	Cadmium	20	Gold	10	Molybdenum	5
Beryllium	1	Chromium	10	Lanthanum	20	Nickel	5
Niobium	20	Strontium	100	Tungsten	50	Zinc	200
Scandium	5	Thorium	100	Vanadium	10	Zirconium	10
Silver	0.5	Tin	10	Yttrium	10		

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The lower limits of determination for wet chemical elements are as follows: Elements given in ppm: Antimony 1, Arsenic 10, Zinc 5.

Explanation of Table 2

In Table 2 iron, magnesium, calcium, and titanium are reported in percent (%); all other elements are reported in parts per million (ppm). Where the chemical symbol is followed by WC, a wet chemical method was used for the determination; all others were by six-step semiquantitative emission spectrograph. Symbols represented in table 2 are: N, not detected; L, detected but below the limit of reproducible determination for standards used; G, greater than the value shown.

References Cited

Almond, H., 1953, Field method for determination of traces of arsenic in soils: Analytical Chemistry, v. 25, p. 1766-1767.

Grimes, D. J., and Marranzino, A. P., 1968, Direct current arc and alternating-current spark emission spectrographic field methods for the semiquantitative analysis of geologic materials: U.S. Geological Survey Circular 591, 6 p.

Motooka, J. M., and Grimes, D. J., 1976, Analytical precision of one-sixth order semiquantitative spectrographic analyses: U.S. Geological Survey Circular 738, 25 p.

Ward, F. N., Nakagawa, H. M., Harms, T. F., and Van Sickle, G. H., 1969, Atomic absorption methods of analysis useful in geochemical exploration: U.S. Geological Survey Bulletin 1289, p. 20-22.

Welsch, E. P., and Chao, T. T., 1975, Determination of trace amounts of antimony in geologic materials by atomic absorption spectrometry: Analytica Chimica Acta, v. 76, p. 65-69.

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Anaconda-Pintlar Rock Data

Sample	LAT	LONG	FEX	MGX	CAZ	TIX	MN	AG	AS	AU	B	BA	BE
1rfcc001	45 56 15	113 31 30	3.00	7.00	10.00	.200	700	N	N	N	200	1,000	2.0
1rfcc002	45 56 12	113 31 20	5.00	2.00	.70	.500	500	N	N	N	10	1,000	2.0
1rfcc003	45 55 56	113 31 40	7.00	2.00	3.00	.500	1,000	.5	N	N	15	1,000	2.0
1rfcc004	45 56 25	113 32 11	3.00	1.50	1.00	.500	500	N	N	N	15	1,000	5.0
1rfcc005	46 0 51	113 23 44	3.00	1.00	1.00	.200	300	N	N	N	15	1,000	3.0
1rfcc006	46 1 3	113 23 54	3.00	5.00	10.00	.200	500	N	N	N	20	700	2.0
1rfcc007	46 1 25	113 23 38	10.00	.70	.50	.200	200	1.0	N	N	50	700	2.0
1rfcc008	46 1 37	113 23 43	10.00	5.00	7.00	.500	700	1.5	N	N	<10	200	<1.0
1rfcc009	46 1 40	113 23 43	1.50	.70	.20	.100	700	.7	N	N	15	150	15.0
1rfcc010	46 2 23	113 23 29	.70	.15	<.05	.050	15	.7	N	N	30	500	1.0
1rfcc011	45 55 50	113 31 17	5.00	5.00	2.00	.300	700	N	N	N	10	700	1.0
1rfcc012	45 55 39	113 31 25	.70	.07	.20	.020	5,000	N	N	N	25	200	5.0
1rfcc013	45 55 22	113 31 36	.50	.07	.30	.050	100	N	N	N	15	100	3.0
1rfcc014	45 55 12	113 31 40	1.50	.20	.70	.100	300	N	N	N	15	700	2.0
1rfcc015	45 55 2	113 31 49	2.00	1.00	.70	.200	300	N	N	N	20	1,000	3.0
1rfcc016	45 54 43	113 32 6	1.00	.20	.70	.070	300	<.5	N	N	200	1,000	3.0
1rfcc017	45 55 56	113 32 7	2.00	1.00	1.00	.200	500	N	N	N	30	1,000	2.0
1rfcc018	45 53 36	113 32 3	2.00	.70	.70	.200	300	N	N	N	15	1,000	3.0
1rfcc019	45 53 8	113 32 26	2.00	1.00	1.00	.200	300	N	N	N	15	1,000	2.0
1rfcc020	45 52 46	113 32 46	2.00	1.00	1.00	.200	300	N	N	N	10	1,000	2.0
1rfcc021	45 52 33	113 33 19	5.00	2.00	1.50	.300	500	N	N	N	15	1,000	1.5
1rfcc022	45 52 34	113 33 19	3.00	.15	1.50	.300	700	N	N	N	15	1,000	1.5
1rfcc023	45 51 15	113 35 37	2.00	.50	.70	.150	300	N	N	N	30	1,000	2.0
1rfcc024	45 51 44	113 35 25	5.00	3.00	2.00	.300	1,000	N	N	N	15	1,700	2.0
1rfcc025	45 52 6	113 35 5	1.00	.10	.70	.050	200	N	N	N	10	1,000	2.0
1rfcc026	45 52 13	113 34 42	5.00	1.00	.10	.500	300	<.5	N	N	15	500	1.0
1rfcc027	45 52 21	113 34 0	1.00	1.50	5.00	.070	200	N	N	N	15	700	3.0
1rfcc500	46 4 13	113 12 25	7.00	3.00	3.00	.300	1,000	.5	1,500	N	30	700	<1.0
1rfcc501	46 4 13	113 12 25	2.00	.50	1.00	.070	150	N	N	N	15	200	3.0
1rfcc502	46 4 11	113 12 26	7.00	2.00	5.00	.300	1,000	<.5	N	N	10	500	2.0
1rfcc503	46 4 10	113 12 26	.30	.10	.05	.015	100	1.0	N	N	20	200	2.0
1rfcc504	46 4 16	113 12 26	3.00	1.50	N	.700	200	N	N	N	30	700	1.0
1rfcc505	46 3 8	113 12 27	2.00	1.00	.70	.150	700	N	N	N	20	1,000	5.0
1rfcc506	46 3 7	113 12 27	2.00	1.50	1.00	.200	700	N	N	N	10	1,000	2.0
1rfcc507	46 3 2	113 12 29	5.00	1.50	<.05	.500	300	<.5	N	N	30	500	2.0
1rfcc508	46 4 0	113 12 31	3.00	1.50	1.50	.200	500	<.5	N	N	15	1,000	2.0
1rfcc509	46 3 36	113 12 34	7.00	2.00	2.00	.500	1,000	N	N	N	10	1,000	1.5
1rfcc510	46 3 36	113 12 34	7.00	1.50	2.00	.500	1,000	N	N	N	10	1,000	1.0
1rfcc511	46 3 24	113 12 29	3.00	1.50	1.00	.200	700	N	N	N	10	1,000	3.0
1rfcc512	46 3 22	113 12 26	5.00	2.00	<.05	.300	700	.7	N	N	10	1,500	2.0
1rfcc513	46 3 13	113 12 15	3.00	2.00	.70	.300	500	<.5	N	N	15	700	3.0
1rfcc514	46 3 11	113 12 3	2.00	.50	.05	.200	50	N	N	N	30	1,500	2.0
1rfcc515	46 3 11	113 12 5	3.00	2.00	1.50	.300	700	N	N	N	10	1,000	1.5
1rfcc516	46 3 9	113 11 50	2.00	1.00	.70	.200	500	N	N	N	10	1,000	2.0
1rfcc517	46 3 7	113 11 45	10.00	2.00	5.00	.200	1,500	1.0	N	N	<10	<20	2.0

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Anaconda=Pintlar Rock Data

Sample	BI	CD	CO	CR	CU	LA	MO	NB	NI	PB	SB	SC	SN	SR	V	W
1rfCC01	N	N	10	50	20.0	50	N	N	20	20	N	10	N	<100	100	N
1rfCC02	N	N	20	200	70.0	70	N	20	100	500	N	10	N	500	100	N
1rfCC03	N	N	50	300	70.0	70	N	<20	100	500	N	20	N	500	150	N
1rfCC04	N	N	15	100	10.0	70	N	<20	50	30	N	7	N	500	100	N
1rfCC05	N	N	7	50	15.0	20	5	<20	20	70	N	5	N	500	70	N
1rfCC06	N	N	15	50	10.0	30	5	<20	30	20	N	10	N	100	70	N
1rfCC07	N	N	5	10	50.0	50	N	N	10	100	N	<5	N	300	50	N
1rfCC08	N	N	50	500	100.0	<20	N	N	100	100	N	30	N	100	500	N
1rfCC09	N	N	N	N	5.0	<20	7	20	N	50	N	5	N	<100	30	N
1rfCC10	N	N	N	10	5.0	30	N	N	7	10	N	<5	N	<100	20	N
1rfCC11	N	N	50	500	30.0	20	7	N	100	20	N	20	N	500	150	<50
1rfCC12	N	N	N	N	<5.0	<20	N	50	5	30	N	N	N	100	10	N
1rfCC13	N	N	N	N	7.0	20	N	20	5	30	N	<5	<1	150	<10	N
1rfCC14	<10	N	N	N	<5.0	30	10	<20	5	30	N	<5	N	500	20	50
1rfCC15	N	N	10	20	10.0	30	N	N	10	30	N	5	N	500	70	N
1rfCC16	N	N	5	10	<5.0	50	N	<20	5	30	N	<5	N	500	20	N
1rfCC17	N	N	100	50	20.0	50	N	<20	300	30	N	7	N	500	70	N
1rfCC18	N	N	100	20	N	50	N	N	200	500	N	5	<10	500	30	N
1rfCC19	N	N	10	500	30.0	30	N	N	300	300	N	5	N	500	150	N
1rfCC20	N	N	10	10	N	50	N	<20	30	30	N	5	N	500	10	N
1rfCC21	N	N	30	200	<5.0	100	N	20	100	30	N	10	<10	700	100	N
1rfCC22	N	N	30	200	20.0	300	N	N	700	30	N	10	N	500	70	N
1rfCC23	N	N	5	20	N	300	N	N	200	500	N	20	N	500	30	N
1rfCC24	N	N	50	500	30.0	70	N	N	300	300	N	20	N	500	150	N
1rfCC25	N	N	N	10	N	20	N	<20	30	30	N	<5	N	500	10	N
1rfCC26	<10	N	15	100	N	<20	N	20	7	100	N	20	N	<100	100	N
1rfCC27	N	N	N	10	<5.0	50	10	<20	10	500	N	5	N	500	<10	N
1rfCS00	N	N	50	500	150.0	30	N	<0	300	20	N	20	N	700	300	N
1rfCS01	N	N	7	70	15.0	50	5	30	50	15	N	5	N	700	50	<50
1rfCS02	N	N	20	200	100.0	50	15	N	20	20	N	10	N	1,000	150	<50
1rfCS03	<10	N	10	100	10.0	20	N	N	30	20	N	7	N	700	50	N
1rfCS04	N	N	20	50	50.0	20	N	<20	50	300	N	20	N	500	150	N
1rfCS05	N	N	20	50	50.0	20	N	<0	50	300	N	20	N	500	150	N
1rfCS06	N	N	20	70	7.0	20	N	N	300	20	N	7	N	700	100	N
1rfCS07	N	N	30	200	50.0	30	N	<20	100	50	N	7	N	700	100	N
1rfCS13	N	N	15	70	70.0	50	30	N	100	30	N	15	N	<100	500	N
1rfCS14	N	N	7	20	5.0	100	N	<20	20	200	N	5	N	300	100	N
1rfCS15	N	N	30	300	5.0	20	N	N	100	300	N	10	N	500	100	N
1rfCS16	N	N	7	50	<5.0	20	N	N	30	50	N	7	N	500	70	N
1rfCS17	N	N	70	150	150.0	100	7	<20	100	15	N	15	N	300	150	N

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Sample	Y	ZN	ZR	TH	ZNWC	SBWC	ASWC
1rf0001	30	N	150	N	30	N	N
1rf0002	10	N	150	N	65	N	N
1rf0003	15	N	200	N	50	N	10
1rf0004	10	N	150	N	50	N	N
1rf0005	10	N	100	N	40	N	10
1rf0006	20	N	150	N	10	N	10
1rf0007	<10	N	100	N	75	N	N
1rf0008	20	N	100	N	40	N	N
1rf0009	<10	N	70	N	35	N	N
1rf0010	15	N	70	N	5	N	N
1rf0011	20	N	100	N	50	N	N
1rf0012	15	N	30	N	10	N	N
1rf0013	10	N	30	N	15	N	20
1rf0014	10	N	100	N	45	N	N
1rf0015	<10	N	100	N	50	N	N
1rf0016	10	N	100	N	30	N	N
1rf0017	10	N	100	N	60	N	N
1rf0018	<10	N	100	N	65	N	N
1rf0019	10	N	100	N	60	N	N
1rf0020	10	N	70	N	60	N	N
1rf0021	15	N	150	N	65	N	10
1rf0022	15	N	70	N	55	N	N
1rf0023	10	N	70	N	50	<1	N
1rf0024	15	N	150	N	45	<1	10
1rf0025	10	N	30	N	10	N	N
1rf0026	100	N	500	N	35	N	10
1rf0027	10	N	20	N	20	N	10
1rf0500	20	N	30	N	50	2	10
1rf0501	N	N	50	N	25	N	10
1rf0502	30	N	150	N	40	N	10
1rf0503	N	N	10	N	45	N	10
1rf0504	15	N	300	N	30	N	N
1rf0505	10	N	100	N	40	N	10
1rf0506	10	N	100	N	80	N	10
1rf0507	15	N	500	N	50	N	N
1rf0508	10	N	100	N	45	N	10
1rf0509	20	N	100	N	100	N	10
1rf0510	20	N	100	N	100	N	N
1rf0511	15	N	100	N	60	N	N
1rf0512	15	N	100	N	45	N	10
1rf0513	50	N	100	N	100	N	20
1rf0514	<10	N	150	N	45	N	10
1rf0515	10	N	100	N	55	N	N
1rf0516	<10	N	100	N	70	N	N
1rf0517	100	1,000	150	N	440	N	10

Anaconda-Pintlar Rock Data--continued

Sample	LAT	LONG	FE%	MG%	CA%	TI%	MN	AG	AS	AU	B	BA	BE
1R10518	46 3 7	113 11 45	1.50	.50	.20	.200	200	N	N	N	500	1,000	3.0
1R10519	46 3 6	113 11 41	3.00	1.00	1.00	.300	500	N	N	N	20	1,500	1.5
1R10520	46 3 5	113 11 41	3.00	1.00	.70	.300	700	N	N	N	10	1,000	2.0
1R10521	46 3 5	113 11 41	1.00	.20	.70	.100	200	N	N	N	10	1,000	3.0
1R10522	46 3 8	113 12 13	3.00	2.00	1.00	.200	700	N	N	N	10	700	2.0
1R10523	46 3 5	113 12 20	2.00	1.00	.70	.200	700	N	N	N	10	700	3.0
1R10524	46 3 4	113 12 23	1.50	.30	.50	.100	300	N	N	N	10	700	2.0
1R10525	46 3 2	113 12 30	5.00	1.00	.05	.300	500	N	N	N	100	300	2.0
1R10526	46 2 59	113 12 38	3.00	1.50	.20	.200	1,000	N	N	N	100	150	15.0
1R10527	46 2 54	113 12 47	3.00	30.00	2.00	.300	700	N	N	N	15	1,000	5.0
1R10528	46 2 51	113 12 51	2.00	1.50	1.00	.200	500	.5	N	N	10	1,000	2.0
1R10529	46 2 52	113 12 51	3.00	1.00	.07	.300	700	.7	N	N	20	300	15.0
1R10530	46 2 52	113 12 54	5.00	2.00	.05	.300	200	N	N	N	30	300	5.0
1R10531	46 2 45	113 12 56	.30	.07	.20	.050	500	<.5	N	N	15	<20	7.0
1R10532	46 2 41	113 12 57	2.00	1.00	1.00	.200	500	N	N	N	15	1,000	3.0
1R10533	46 2 41	113 12 57	5.00	.70	7.00	.070	5,000	N	N	N	10	100	20.0
1R10534	46 3 15	113 12 18	5.00	5.00	5.00	.050	3,000	<.5	N	N	15	200	15.0
1R10535	46 2 37	113 13 0	7.00	.50	3.00	.120	1,300	N	N	N	100	700	10.0
1R10536	46 2 27	113 12 55	1.50	.07	.30	.100	150	N	N	N	20	700	7.0
1R10537	46 2 27	113 12 55	.50	.07	.30	.050		.5	N	N	15	200	10.0
1R10538	46 2 22	113 12 49	1.00	.15	.20	.300	300	N	N	N	15	700	2.0
1R10539	46 2 20	113 12 48	.70	.10	.15	.150	300	.5	N	N	15	30	3.0
1R10540	46 2 19	113 12 45	.50	.50	.50	.300	700	N	N	N	15	500	10.0
1R10541	46 2 18	113 12 44	3.00	1.00	.70	.050	500	N	N	N	20	1,000	2.0
1R10542	46 2 15	113 12 40	.50	.10	.20	.200	150	.5	N	N	10	30	3.0
1R10543	46 2 7	113 12 27	2.00	.70	.50	.300	1,000	.5	N	N	30	1,000	3.0
1R10544	46 2 2	113 11 53	1.50	.30	.50	.050	700	.5	N	N	200	700	5.0
1R10546	46 1 58	113 11 52	5.00	.07	.10	.300	70	N	N	N	500	500	10.0
1R10547	46 1 53	113 11 30	1.00	.70	<.05	.300	500	1.5	N	N	100	150	10.0
1R10548	46 2	113 11 51	20.00					<.5	N	N	100	500	3.0
1R10549	46 2 3	113 11 55	3.00	1.00	<.05	.300	500	.7	N	N	150	700	1.5
1R10550	46 2	113 12 4	15.00	.10	.15	.050	2,000	N	N	N	15	30	10.0
1R10551	46 2 10	113 11 38	3.00	1.00	1.00	.300	500	N	N	N	10	1,500	1.5
1R10552	46 2 10	113 11 31	1.00	1.50	1.50	.300	1,500	1.5	N	N	10	1,000	2.0
1R10553	46 2 9	113 11 31	.50	.05	.15	.030		N	N	N	15	20	10.0
1R10554	46 2 10	113 11 55	.10	<.02	.05	.002	15	2.0	N	N	10	70	1.5
1R10555	46 2 17	113 12 4	.30	.02	.10	.030	50	N	N	N	10	100	3.0
1R10556	46 2 34	113 11 38	1.50	1.00	.70	.100	300	N	N	N	10	1,000	2.0
1R10557	46 2 42	113 11 31	3.00	1.50	5.00	.300	200	N	N	N	20	2,000	1.5
1R10558	46 2 42	113 11 31	.70	.15	5.00	.070	200	N	N	N	15	700	5.0
1R10628	46 2 6	113 10 13	10.00	.70	.70	.200	1,000	7.0	N	N	20	300	5.0
1R10629	46 2 53	113 13 11	.30	.05	.05	.150	100	N	N	N	15	500	10.0
1R10630	46 2 58	113 13 32	.70	.15	.30	.100	500	<.5	N	N	15	300	7.0
1R10631	46 2 53	113 13 33	3.00	.20	.20	.300	700	N	N	N	100	1,500	5.0
1R10632	46 2 53	113 13 23	2.00	.50	2.00	.200	500	N	N	N	15	1,000	7.0

Anaconda=Pintlar Rock Data--continued

Sample	BI	CD	CO	CR	CU	LA	MO	NB	NI	PB	SB	SC	SN	SR	V	W
1rf0513	N	N	<5	30	N	50	N	N	7	50	N	10	N	<100	70	N
1rf0519	N	N	20	70	15.0	70	7	20	30	50	N	7	N	500	70	N
1rfC520	N	N	7	50	<5.0	50	N	<20	10	20	N	7	N	500	70	N
1rfC521	N	N	N	<10	<5.0	20	N	<20	5	50	N	5	N	700	20	N
1rf0522	N	N	30	200	15.0	30	N	<20	100	20	N	7	N	500	100	N
1rfC523	N	N	15	50	7.0	30	N	<20	50	30	N	5	N	500	100	N
1rfC524	N	N	N	<10	<5.0	30	N	<20	7	30	N	<5	N	500	20	N
1rfC525	N	N	20	70	15.0	50	N	<20	30	70	N	15	N	100	150	N
1rfC526	N	N	100	15	<5.0	20	N	20	30	15	N	7	10	N	70	N
1rfC527	N	N	30	200	20.0	30	N	N	100	20	N	10	N	500	100	N
1rfC523	N	N	10	50	100.0	30	7	<20	30	20	N	7	20	500	70	N
1rfC529	10	N	N	50	100.0	30	700	50	7	20	N	15	<10	<100	150	N
1rfC530	N	N	15	70	30.0	50	30	<20	30	10	N	15	N	N	200	N
1rfC531	N	N	N	<10	30.0	20	70	20	5	30	N	5	<10	N	10	N
1rfC532	N	N	10	50	5.0	50	N	N	30	30	N	5	N	700	70	N
1rfC533	10	N	10	10	70.3	20	7	N	20	10	N	10	15	300	150	N
1rfC534	N	N	10	<10	700.0	N	20	20	15	70	N	10	<10	500	150	N
1rfC535	<10	N	70	20	30.0	30	N	N	300	N	N	20	N	500	150	N
1rfC536	N	N	7	20	30.0	100	N	<20	20	30	N	5	N	200	30	N
1rfC537	N	N	N	<10	30.0	<20	N	<20	5	30	N	N	N	300	10	N
1rfC538	N	N	5	20	5.0	20	N	<20	7	50	N	<5	N	300	15	N
1rfC539	N	N	<5	10	30.0	30	N	20	5	30	N	<5	N	<100	<10	N
1rfC540	N	N	7	70	30.0	30	N	20	20	30	N	5	N	300	30	N
1rfC541	N	N	10	<10	<5.0	10	7	<20	30	50	N	5	N	700	70	<50
1rfC542	N	N	N	50	<5.0	20	N	20	5	50	N	<5	N	<100	20	N
1rfC543	N	N	10	70	15.0	50	70	<20	20	30	N	<5	N	300	50	N
1rfC544	N	N	5	<10	20.0	<20	N	<20	7	50	N	<5	N	500	20	N
1rfC546	N	N	15	70	30.0	7	10	<20	20	20	N	15	N	N	150	N
1rfC547	N	N	N	<10	10.0	50	10	N	7	30	N	N	N	200	10	N
1rfC548	N	N	N	50	100.0	N	N	N	<5	50	N	7	N	<100	200	N
1rf0549	N	N	N	N	15.0	50	150	N	<5	70	N	10	N	<100	300	N
1rfC550	N	N	N	N	<5.0	<20	N	<20	5	50	N	<5	N	<100	10	N
1rfC551	N	N	7	N	10.3	7	N	N	N	20	N	5	N	700	70	N
1rfC552	N	N	10	20	10.0	50	N	<20	10	30	N	10	N	100	200	N
1rfC553	10	N	N	N	N	N	N	N	5	30	N	N	N	N	10	N
1rfC554	N	N	N	N	300.0	<20	N	N	7	70	N	N	N	<100	<10	N
1rfC555	N	N	N	N	10.0	<20	N	N	5	50	N	<5	N	100	<10	N
1rfC556	N	N	5	20	N	7	N	<20	<5	20	N	7	N	700	20	N
1rfC557	N	N	10	N	15.0	70	N	<20	20	30	N	7	N	100	70	N
1rfC558	N	N	N	N	<5.0	20	N	N	<5	50	N	<5	N	1,000	15	N
1rfC623	N	N	20	100	300.0	50	N	<20	70	50	N	15	N	<100	150	N
1rfC629	N	N	<5	N	5.0	30	N	30	5	200	N	<5	N	100	10	N
1rfC630	N	N	5	<10	5.0	20	N	30	<5	100	N	5	N	<100	20	N
1rfC631	N	N	10	50	<5.0	100	N	20	30	10	N	10	N	100	100	N
1rfC632	N	N	7	30	10.0	100	N	<20	15	70	N	5	N	500	70	N

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Anaconda-Pintlar Rock Data--continued

Sample	Y	ZN	ZR	TH	ZNWC	SBWC	ASWC
1rf0518	15	N	150	<100	30	N	N
1rf0519	15	N	200	N	70	N	N
1rf0520	10	N	150	N	60	N	N
1rf0521	10	N	70	N	20	N	N
1rf0522	10	N	150	N	50	7	N
1rf0523	10	N	100	N	50	N	N
1rf0524	<10	N	70	N	25	N	10
1rf0525	20	200	150	N	95	N	10
1rf0526	15	<200	70	N	40	N	10
1rf0527	10	<200	100	N	60	N	10
1rf0528	10	N	100	N	50	N	N
1rf0529	10	N	150	N	10	N	10
1rf0530	50	N	150	N	45	N	N
1rf0531	15	N	20	N	5	N	N
1rf0532	10	N	70	N	95	N	N
1rf0533	50	700	150	N	580	N	10
1rf0534	70	200	150	N	280	N	N
1rf0535	10	200	30	N	180	N	N
1rf0536	<10	N	70	N	55	N	N
1rf0537	<10	N	20	<100	10	N	10
1rf0538	10	N	50	N	35	N	N
1rf0539	15	N	15	N	70	N	N
1rf0540	10	N	70	N	60	N	10
1rf0541	10	N	150	N	45	N	10
1rf0542	10	N	20	N	10	N	N
1rf0543	10	N	150	N	60	N	N
1rf0544	15	N	100	N	55	N	N
1rf0546	20	<200	150	N	70	N	10
1rf0547	N	N	30	N	5	N	10
1rf0548	30	N	70	N	55	N	N
1rf0549	15	N	150	N	15	N	N
1rf0550	10	N	15	N	5	N	N
1rf0551	10	N	100	N	60	N	10
1rf0552	30	N	150	N	85	N	20
1rf0553	10	N	15	N	25	N	N
1rf0554	N	N	N	N	75	N	N
1rf0555	N	N	10	N	5	N	N
1rf0556	<10	N	100	N	30	N	10
1rf0557	<10	N	150	N	70	N	N
1rf0558	<10	N	70	N	35	N	N
1rf0628	30	N	70	N	140	N	20
1rf0629	20	N	50	N	5	N	10
1rf0631	20	N	70	N	10	N	N
1rf0631	70	N	200	N	55	N	10
1rf0632	10	N	100	N	50	N	10

Anaconda-Pintlar Rock Data--continued

Sample	LAT	LONG	FE%	MG%	CA%	TI%	MN	AG	AS	AU	B	BA	BE
1rfc633	46 2 51	113 13 22	1.00	.20	10.00	.150	200	N	N	N	10	500	3.0
1rfc634	46 2 33	113 13 9	2.00	.50	.50	.300	700	.7	N	N	20	700	5.0
1rfc635	46 2 52	113 12 39	.70	.05	.10	.050	100	1.0	N	N	20	70	3.0
1rfc636	46 1 17	113 11 3	1.00	.15	.07	.150	500	<.5	N	N	15	700	5.0
1rfc637	46 1 17	113 11 3	3.00	1.00	.70	.300	500	N	N	N	20	300	2.0
1rfc638	46 1 34	113 11 9	.70	.50	.20	.200	300	.5	N	N	15	300	5.0
1rfc639	46 1 34	113 11 9	.50	.70	.05	.300	100	N	N	N	100	500	1.0
1rfc640	46 1 44	113 11 22	.30	.20	.20	.070	300	<.5	N	N	20	50	7.0
1rfc641	46 4 49	113 12 52	7.00	1.50	3.00	.500	1,000	N	N	N	30	700	1.0
1rfc642	46 4 49	113 12 52	5.00	2.00	5.00	.500	1,500	N	N	N	30	2,000	2.0
1rfc643	46 4 49	113 12 52	.70	1.50	7.00	.300	1,500	.5	N	N	10	1,000	<1.0
1rfc644	46 4 50	113 12 52	.30	2.00	5.00	.200	700	.5	N	N	15	100	1.0
1rfc645	46 3 32	113 11 32	.20	.30	1.00	.200	700	N	N	N	15	500	5.0
1gr1001	46 0 37	113 23 40	3.00	.70	.70	.300	500	1.5	N	N	50	1,000	7.0
1gr1002	46 0 44	113 23 45	.20	.07	.20	.050	50	.7	N	N	15	150	10.0
1gr1003	46 0 57	113 23 14	3.00	1.50	1.50	.300	500	.5	N	N	10	1,500	10.0
1gr1004	46 1 2	113 22 59	2.00	1.50	1.50	.300	700	.5	N	N	10	1,500	7.0
1gr1005	46 0 38	113 22 25	5.00	1.50	1.50	.300	500	N	N	N	<10	1,500	7.0
1gr1006	46 0 39	113 20 25	3.00	2.00	1.50	.300	700	N	N	N	50		5.0
1gr1007	46 0 18	113 22 1	2.00	.30	.50	.200	500	N	N	N		500	2.0
1gr1008	46 0 9	113 21 51	2.00	1.00	.70	.300	500	<.5	N	N	20	700	10.0
1gr1009	45 59 49	113 21 46	2.00	1.00	.70	.300	500	N	N	N	15	1,000	7.0
1gr1010	46 0 8	113 21 26	2.00	1.50	.70	.300	500	<.5	N	N	20	1,000	7.0
1gr1011	46 0 11	113 20 48	2.50	.20	.05	.070	100	N	N	N	20	300	5.0
1gr1012	46 0 0	113 20 14	5.00	2.00	1.50	.500	1,000	N	N	N	20	2,000	2.0
1gr1013	46 0 21	113 19 48	3.00	1.50	1.00	.300	700	<.5	N	N	20	2,000	2.0
1gr1014	46 0 23	113 19 48	1.00	1.50	.65	.150	50	N	N	N	30	700	1.5
1gr1015	46 1 39	113 21 56	3.00	5.00	20.00	.100	1,000	.7	N	N	150	300	1.5
1gr1016	46 0 23	113 21 49	1.50	.20	.70	.150	150	.5	N	N	15	1,000	5.0
1gr1017	46 0 29	113 12 58	1.00	.20	.70	.100	200	N	N	N	15	1,500	5.0
1gr1013a	46 0 33	113 13 20	3.00	.50	.70	.200	700	<.5	N	N	10	700	3.0
1gr1018b	46 0 38	113 13 20	.70	.10	.20	.050	100	N	N	N	15	200	5.0
1gr1019	46 0 29	113 13 51	3.00	1.00	1.00	.100	500	.5	N	N	10	1,500	2.0
1gr1020	46 0 47	113 13 59	1.50	.20	.20	.300	200	5.0	N	N	20	1,000	5.0
1gr1021	46 1 0	113 14 0	1.00	.20	.70	.150	300	N	N	N	10	1,000	2.0
1gr1025	46 1 8	113 14 15	5.00	5.00	10.00	.200	700	<.5	N	N	200	1,500	3.0
1gr1026	45 59 1	113 22 46	3.00	2.00	2.00	.300	300	N	N	N	15	1,500	2.0
1gr1027	46 0 0	113 22 49	3.00	1.00	1.00	.200	300	.5	N	N	10	1,500	5.0
1gr1028	45 59 9	113 22 59	2.00	1.50	.20	.300	150	<.5	N	N	20	1,500	2.0
1gr1029	45 59 13	113 23 12	1.50	.20	.70	.150	300	N	N	N	10	1,000	5.0
1gr1030	45 59 23	113 23 14	3.00	5.00	5.00	.200	700	<.5	N	N	100	700	2.0
1gr1031	45 59 30	113 22 55	2.00	5.00	7.00	.200	500	.5	N	N	30	300	1.5
1gr1032	45 59 36	113 22 43	2.00	1.00	1.00	.200	300	N	N	N	10	1,500	3.0
1gr1033	45 59 42	113 22 34	2.00	1.00	1.00	.200	300	.5	N	N	10	2,000	3.0
1gr1034	45 59 44	113 22 32	5.00	3.00	1.50	.500	1,000	.5	N	N	10	1,000	1.5

Anaconda=Pintlar Rock Data--continued

Sample	W	V	SR	SN	SC	SB	PB	NI	NB	MO	LA	CU	CR	CO	CD	BI
1rf0633	N	50	300	N	5	N	50	5	N	10	30	20.0	<10	5	N	N
1rf0634	N	70	300	N	7	N	100	5	20	7	200	50.0	<10	<5	N	N
1rf0635	N	200	N	10	<5	N	<10	5	50	1,000	200	20.0	<10	N	N	<10
1rf0636	N	20	500	20	5	N	50	5	N	20	50	30.0	N	N	N	N
1rf0637	N	150	200	N	10	N	20	100	N	30	50	50.0	50	15	N	N
1rf0638	N	100	100	N	7	N	100	5	N	20	50	10.0	<10	N	N	N
1rf0639	N	200	N	N	10	N	30	20	20	10	50	20.0	50	N	N	N
1rf0640	N	50	150	N	5	N	50	5	20	7	N	7.0	<10	20	N	N
1rf0641	N	200	500	N	200	N	200	10	<20	5	20	30.0	20	20	N	N
1rf0642	N	200	500	N	20	N	30	50	<20	5	20	30.0	50	30	N	N
1rf0643	N	300	500	N	50	N	50	30	N	N	70	N	30	15	N	N
1rf0644	N	150	150	N	10	N	20	70	N	10	300	100.0	30	20	N	N
1rf0645	N	700	500	20	5	N	70	<5	200	N	500	<5.0	<10	5	N	N
1gr1001	N	70	300	<10	<5	N	500	5	200	15	700	200.0	15	10	N	N
1gr1002	N	10	100	1	5	N	100	5	50	N	20	5.0	100	5	N	N
1gr1003	N	70	700	N	7	N	30	30	20	7	500	150.0	70	10	N	N
1gr1004	N	70	500	N	5	N	300	20	20	70	500	50.0	50	7	N	N
1gr1005	N	70	500	10	7	N	300	15	<20	N	100	50.0	200	10	N	N
1gr1006	N	70	700	20	5	N	500	50	20	N	N	15.0	100	15	N	N
1gr1007	N	20	100	10	5	N	30	5	20	N	50	<5.0	10	5	N	N
1gr1008	N	70	300	N	5	N	100	10	<20	N	70	<5.0	100	15	N	N
1gr1009	N	50	200	N	5	N	500	7	N	N	500	<5.0	15	<5	N	N
1gr1010	N	70	300	N	5	N	100	7	N	N	300	5.0	20	5	N	N
1gr1011	N	30	<100	N	<5	N	<10	10	<20	N	300	10.0	10	N	N	N
1gr1012	N	200	700	N	10	N	50	50	N	N	150	30.0	100	N	N	N
1gr1013	N	70	700	<10	10	N	50	50	N	N	30	7.0	<10	5	N	N
1gr1014	N	50	N	<10	7	N	15	7	20	<5	<20	N	<10	N	N	N
1gr1015	N	70	<100	N	7	N	10	5	20	7	100	5.0	30	20	N	N
1gr1016	N	30	1,000	N	<5	N	50	5	<20	20	200	10.0	<10	N	N	300
1gr1017	N	20	1,000	N	5	N	70	5	<20	N	70	1.5	?	N	N	N
1gr1018a	N	30	1,000	<10	15	N	30	50	<20	N	30	7.0	70	15	N	N
1gr1018b	N	15	150	<10	7	N	30	30	20	5	100	30.0	100	10	N	N
1gr1019	N	70	500	N	7	N	20	30	20	7	70	N	50	10	N	N
1gr1020	N	70	700	<10	5	N	150	20	<20	N	100	10.0	30	7	N	N
1gr1021	N	20	1,000	N	5	N	30	10	<20	5	50	5.0	15	7	N	N
1gr1025	N	100	200	<10	15	N	10	20	<20	N	70	20.0	50	10	N	N
1gr1026	N	100	500	<10	7	N	50	15	<20	5	500	5.0	30	10	N	N
1gr1027	N	70	500	N	7	N	50	20	<20	7	200	20.0	30	10	N	N
1gr1028	N	70	500	<10	5	N	300	10	<20	N	70	20.0	50	5	N	N
1gr1029	N	50	300	15	20	N	50	150	20	5	70	100.0	300	30	N	N
1gr1030	N	70	<100	10	10	N	70	20	<20	N	70		50	10	N	N
1gr1031	N	50	<100	N	7	N	30	15	<20	N	500		30	10	N	N
1gr1032	N	50	700	N	5	N	300	20	<20	N	200		30	10	N	N
1gr1033	N	50	700	N	5	N	70	10	<20	N	70		50	5	N	N
1gr1034	N	100	500	15	20	N	20	150	20	N	70		300	30	N	N

Sample	Y	ZN	ZR	TH	ZNWC	SBWC	ASWC
1rf0633	10	N	100	N	30	N	10
1rf0634	30	N	200	N	25	N	10
1rf0635	<10	N	N	N	5	N	20
1rf0636	10	N	70	N	650	N	10
1rf0637	30	200	200	N	15	N	10
1rf0638	15	N	100	N	10	N	10
1rf0639	20	N	150	N	15	N	10
1rf0640	10	N	30	N	5	N	10
1rf0641	30	N	200	N	70	N	20
1rf0642	20	200	70	N	75	N	N
1rf0643	100	N	100	N	85	N	N
1rf0644	30	N	150	N	30	N	20
1rf0645	10	N	150	N	35	N	10
1gr1001	10	N	200	N	50	N	N
1gr1002	10	N	30	N	10	N	10
1gr1003	10	N	200	N	45	N	N
1gr1004	10	N	150	N	50	N	N
1gr1005	15	N	300	N	35	N	N
1gr1006	10	N	70	N	45	N	10
1gr1007	20	N	150	N	20	N	N
1gr1008	10	N	150	N	40	N	10
1gr1009	10	N	100	N	45	N	100
1gr1010	<10	N	200	N	40	N	N
1gr1011	20	N	70	N	10	N	20
1gr1012	20	N	200	N	65	N	10
1gr1013	15	N	100	N	60	N	N
1gr1014	20	N	100	N	5	N	N
1gr1015	20	N	50	N	10	N	N
1gr1016	<10	N	150	N	35	N	10
1gr1017	<10	N	100	N	30	N	N
1gr1018a	<10	<200	100	N	50	4	10
1gr1018b	15	N	30	N	5	N	100
1gr1019	15	N	150	N	25	<1	100
1gr1020	10	N	100	N	45	N	10
1gr1021	10	N	100	N	20	N	N
1gr1025	50	N	100	N	25	N	20
1gr1026	15	N	150	N	20	N	N
1gr1027	10	N	150	N	60	N	N
1gr1028	10	N	200	N	30	N	N
1gr1029	<10	N	100	N	50	N	N
1gr1030	30	N	150	N	5	N	10
1gr1031	30	N	100	N	5	N	N
1gr1032	10	N	100	N	55	N	20
1gr1033	10	N	100	N	40	N	N
1gr1034	15	<200	150	N	90	N	N

Anaconda-Pintlar Rock Data--continued

Sample	LAT	LONG	FEX	MGX	CAX	TIX	MN	AG	AS	AU	B	BA	BE
1gr1035	46 0 3	113 26 47	3.00	1.00	1.00	.300	500	N	N	N	10	1,500	2.0
1gr1036	46 0 22	113 26 28	3.00	1.00	1.00	.300	300	.5	N	N	15	1,500	5.0
1gr1037	46 0 28	113 26 24	1.50	1.00	.70	.300	200	.5	N	N	15	1,000	2.0
1gr1038	46 0 44	113 27 53	3.00	1.00	1.50	.200	300	N	N	N	10	1,500	3.0
1gr1039	46 3 4	113 16 40	3.00	1.00	1.00	.300	200	N	N	N	30	700	1.5
1gr1040	46 3 3	113 16 40	2.00	5.00	10.00	.200	500	N	N	N	70	300	1.0
1gr1041	46 3 24	113 16 29	10.00	5.00	7.00	.300	1,000	N	N	N	15	2,000	<1.0
1gr1042	46 3 22	113 16 31	7.00	7.00	5.00	.300	1,500	N	N	N	10	5,000	<1.0
1gr1043	46 3 22	113 15 36	5.00	3.00	3.00	.300	700	N	N	N	10	1,000	1.0
1gr1044	46 3 22	113 15 34	3.00	5.00	15.00	.200	500	N	N	N	15	700	1.0
1gr1045	46 3 10	113 14 31	5.00	2.00	1.00	.300	1,000	N	N	N	150	500	2.0
1gr1046	46 2 59	113 14 11	.70	.07	.20	.050	700	.7	N	N	20	<20	10.0
1gr1047	45 57 35	113 30 59	.50	.15	N	.070	10	N	N	N	50	500	1.5
1gr1048	45 58 7	113 31 10	.30	.15	N	.050	70	N	N	N	200	200	1.0
1gr1049	45 58 36	113 31	.30	.10	N	.050	10	N	N	N	70	300	1.0
1gr1050	45 55 54	113 30 57	.70	.10	N	.100	10	1.0	N	N	70	300	1.0
1gr1051	45 56 46	113 32 37	.70	.20	<.05	.070	15	N	N	N	50	700	1.0
1gr1052	45 56 34	113 32 39	3.00	2.00	2.00	.200	700	N	N	N	30	1,000	3.0
1gr1053	45 57 28	113 30 27	2.00	.50	.50	.150	200	N	N	N	15	1,000	5.0
1gr1054	45 56 1	113 33 17	5.00	16.00	10.00		1,500	N	N	N	30	300	2.0
1gr1055	45 55 40	113 33 22	1.00	.10	1.00	.070	30	<.5	N	N	20	500	1.5
1gr1056	45 55 14	113 33 30	1.00	.20	<.05	.100	500	N	N	N	200	200	10.0
1gr1057	45 54 47	113 32 39	5.00	2.00	<.05	.300	700	N	N	N	20	500	1.5
1gr1058	45 53 47	113 33 53	2.00	.50	.50	.200	500	N	N	N	15	1,500	2.0
1gr1059	45 53 17	113 33 55	2.00	.50	10.00	.200	200	N	N	N	15	1,000	3.0
1gr1060	45 53 1	113 33 24	2.00	.50	1.00	.200	300	N	N	N	20	700	3.0
1gr1061	45 56 58	113 33 44	.50	.15	<.05	.100	10	N	N	N	30	700	5.0
1gr1062	45 56 51	113 26 40	1.50	.20	1.50	.200	500	N	N	N	300	200	5.0
1gr1063	45 56 43	113 26 36	2.00	.50	2.00	.300	150	N	N	N	300	700	3.0
1gr1064	45 56 16	113 26 43	5.00	5.00	10.00	.200	500	.5	N	N	500	500	1.0
1gr1065	45 52 37	113 32 19	.70	.07	.30	.026	150	N	N	N	20	100	7.0
1gr1066	45 52 35	113 32 20	2.00	1.00	1.00	.200	300	N	N	N	10	1,000	2.0
1gr1067	45 53 9	113 35 19	5.00	1.30	1.50	.300	700	N	N	N	10	700	2.0
1gr1068	45 53 24	113 35 38	7.00	1.00	2.00	.500	700	N	N	N	15	700	1.0
1gr1069	45 53 26	113 35 37	3.00	1.00	1.00	.300	500	N	N	N	20	500	2.0
1gr1070	45 52 25	113 36 4	2.00	.30	.50	.150	500	N	N	N	20	1,000	5.0
1gr1071	45 50 31	113 35 39	3.00	1.00	.70	.200	500	N	N	N	20	1,000	3.0
1gr1072	45 49 55	113 36 36	2.00	1.30	1.70	.150	200	N	N	N	15	1,500	1.5
1gr1073	45 50 47	113 34 23	3.00	1.00	1.50	.300	500	N	N	N	15	1,000	2.0
1gr1074	45 50 46	113 34 23	1.50	.20	.50	.070	200	.5	N	N	20	500	2.0
1gr1075	45 51 5	113 34 47	1.00	.20	.50	.070	300	N	N	N	15	700	3.0
1gr1076	45 51 39	113 34 53	2.00	.50	.70	.150	500	N	N	N	10	1,000	2.0
1gr1077	45 51 22	113 33 26	3.00	1.50	1.00	.200	500	N	N	N	15	1,000	1.0
1gr1078	45 51 22	113 33 25	5.00	2.00	2.00	.300	700	N	N	N	20	1,000	1.5
1gr1079	45 52 2	113 33 24	1.00	.15	.30	.050	500	.5	N	N	15	500	5.0

Anaconda-Pintlar Rock Data--continued

Sample	BI	CD	CO	CR	CU	LA	MO	NB	NI	PB	SB	SC	SN	SR	V	W
1gr1035	N	N	15	50	5.0	50	N	<20	30	70	N	7	N	500	70	N
1gr1036	N	N	7	70	20.0	70	15	<20	20	30	N	7	N	700	70	N
1gr1037	<10	N	5	30	7.0	50	N	<20	10	50	N	5	10	500	50	N
1gr1038	N	N	10	30	7.0	50	N	<20	15	70	N	5	N	700	70	N
1gr1039	N	N	10	70	7.0	70	N	<20	30	20	N	5	N	500	100	N
1gr1040	N	N	10	30	10.0	20	N	N	15	15	N	7	N	100	70	N
1gr1041	N	N	70	1,500	15.0	<20	N	N	200	10	N	50	N	150	200	N
1gr1042	N	N	70	1,500	10.0	<20	N	N	200	10	N	50	N	200	200	N
1gr1043	N	N	50	700	20.0	30	N	<20	150	10	N	15	N	500	150	N
1gr1044	N	N	10	50	30.0	50	N	<20	30	70	N	7	N	<100	70	N
1gr1045	15	N	15	50	N	70	N	20	50	<10	N	15	N	<100	100	N
1gr1046	N	N	N	N	<5.0	<20	N	30	<5	20	N	<5	N	N	10	N
1gr1047	N	N	N	100	<5.0	500	N	N	5	100	N	<5	N	N	50	N
1gr1048	N	N	N	100	5.0	200	N	<20	7	10	N	<5	N	N	20	N
1gr1049	N	N	N	<10	N	20	10	N	5	15	N	N	N	N	20	N
1gr1050	N	N	N	10	N	20	N	<20	5	10	N	<5	N	N	20	N
1gr1051	N	N	N	10	10.0	700	N	N	10	100	N	<5	N	500	50	N
1gr1052	N	N	50	500	15.0	300	N	<20	500	500	N	7	N	500	700	N
1gr1053	N	N	N	300	7.0	300	N	N	200	70	N	5	N	100	700	N
1gr1054	N	N	7	30	<5.0	70	10	N	20	10	N	10	N	100	100	<50
1gr1055	N	N	N	N	<5.0	50	N	20	5	15	N	<5	N	<100	20	N
1gr1056	N	N	N	N	<5.0	500	N	N	N	20	N	<5	N	N	200	N
1gr1057	N	N	50	500	20.0	200	10	20	100	15	N	20	N	300	200	N
1gr1058	N	N	N	<10	N	70	N	N	5	50	N	5	N	700	50	N
1gr1059	N	N	7	15	N	50	<5	N	10	50	N	5	N	700	50	N
1gr1060	N	N	10	30	5.0	20	N	20	30	50	N	5	N	500	70	N
1gr1061	N	N	5	15	7.0	300	N	N	5	100	N	5	N	N	300	N
1gr1062	N	N	N	10	N	100	N	300	10	20	N	5	N	100	300	<50
1gr1063	N	N	10	30	<5.0	50	N	200	30	10	N	7	N	N	70	N
1gr1064	N	N	15	50	20.0	70	N	<20	30	15	N	10	N	100	100	N
1gr1065	N	N	20	N	<5.0	N	N	20	7	30	N	7	N	500	10	N
1gr1066	N	N	300	70	<5.0	70	N	N	50	30	N	5	N	N	700	N
1gr1067	N	N	300	300	5.0	200	N	N	150	30	N	10	N	500	100	N
1gr1068	N	N	20	<100	N	50	N	<20	5	10	N	15	N	500	200	N
1gr1069	N	N	15	100	20.0	70	N	N	30	70	N	5	N	700	70	N
1gr1070	N	N	N	N	N	50	N	20	<5	30	N	<5	N	500	20	N
1gr1071	N	N	7	30	7.0	300	N	<20	50	50	N	5	N	500	500	N
1gr1072	N	N	15	100	<5.0	300	N	<20	5	50	N	7	N	500	100	N
1gr1073	N	N	50	50	5.0	50	5	N	30	30	N	7	N	500	50	N
1gr1074	N	N	N	N	5.0	50	N	<20	7	30	N	7	N	500	20	N
1gr1075	N	N	7	N	<5.0	20	N	<20	5	30	N	<5	N	300	15	N
1gr1076	N	N	15	30	<5.0	20	N	N	20	50	N	5	N	700	50	N
1gr1077	N	N	50	100	10.0	30	N	<20	7	50	N	7	N	500	100	N
1gr1078	N	N	N	200	20.0	70	N	<20	150	15	N	7	N	500	100	N
1gr1079	N	N	N	N	<5.0	20	N	N	N	50	N	15	N	200	15	N

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Sample	Y	ZN	ZR	TH	ZNWC	SBWC	ASWC
1gr1035	10	N	150	N	45	N	N
1gr1036	10	N	100	N	40	N	N
1gr1037	10	N	150	<100	50	N	N
1gr1033	10	N	150	N	50	N	N
1gr1039	10	N	150	N	60	<1	N
1gr1040	15	N	100	N	110	<1	N
1gr1041	15	N	50	N	40	<1	10
1gr1042	20	N	50	N	55	<1	N
1gr1043	15	N	100	N	70	<1	20
1gr1044	20	N	100	N	10	N	10
1gr1045	50	N	200	N	30	<1	20
1gr1046	15	N	20	N	5	N	20
1gr1047	30	N	100	N	5	N	20
1gr1048	20	N	70	N	5	<1	10
1gr1049	10	N	50	N	5	N	10
1gr1050	10	N	150	N	5	N	10
1gr1051	15	N	100	N	5	N	10
1gr1052	10	N	70	N	65	N	1
1gr1053	10	N	70	N	60	N	10
1gr1054	50	N	100	N	10	N	10
1gr1055	15	N	50	N	15	N	10
1gr1056	20	N	200	N	30	N	10
1gr1057	15	N	200	N	20	N	10
1gr1058	<10	N	500	N	40	N	N
1gr1059	<10	<200	100	N	50	N	N
1gr1060	<10	N	50	<100	50	N	10
1gr1061	20	N	200	N	5	N	10
1gr1062	15	N	200	N	25	N	10
1gr1063	30	N	500	N	15	N	10
1gr1064	20	N	100	N	95	N	10
1gr1065	10	N	150	N	15	N	20
1gr1066	10	N	100	N	65	N	10
1gr1067	15	N	100	N	80	N	10
1gr1068	30	N	200	N	500	N	10
1gr1069	10	N	150	N	50	N	10
1gr1070	10	N	150	N	30	N	10
1gr1071	10	N	100	N	65	N	N
1gr1072	<10	N	100	N	20	N	10
1gr1073	10	N	100	N	60	N	N
1gr1074	30	N	50	N	20	N	N
1gr1075	15	N	50	N	15	N	N
1gr1076	10	N	70	N	45	N	N
1gr1077	10	N	100	N	65	N	N
1gr1078	15	N	150	N	65	N	N
1gr1079	15	N	50	N	30	N	N

Anaconda-Pintlar Rock Data--continued

Sample	LAT	LONG	FEX	MGX	CAX	TIX	MN	AG	AS	AU	B	BA	BE
1gr1080	45 51 38	113 32 53	2.00	1.00	1.00	.200	500	N	N	N	10	1,000	3.0
1gr1081	45 49 59	113 35 0	1.50	.20	1.00	.100	500	N	N	N	10	1,000	5.0
1gr1082	45 54 32	113 30 10	1.50	.10	.15	.100	500	1.0	N	N	20	300	2.0
1gr1083	45 52 49	113 30 28	3.00	1.00	1.00	.200	700	N	N	N	15	1,000	2.0
1gr1084	45 55 34	113 30 50	.50	.10	.20	.030	300	N	N	N	20	50	3.0
1gr1085	45 55 34	113 30 50	.20	.07	.07	.050	70	N	N	N	10	2,000	1.0
1gr1086	45 57 29	113 35 0	1.00	.50	N	.150	30	<.5	N	N	30	700	1.0
1gr1087	45 56 52	113 35 26	.10	.03	<.05	.020	20	N	N	N	15	1,000	<1.0
1gr1088	45 56 24	113 36 29	1.50	.30	N	.300	70	N	N	N	100	300	1.5
1gr1089	45 56 20	113 35 14	.15	.10	<.05	.070	10	N	N	N	20	300	<1.0
1gr1100	46 1 3	113 23 58	1.50	.50	.50	.200	70	<.5	N	N	15	1,000	2.0
1gr1101	46 1 3	113 24 1	1.50	.50	.50	.200	70	N	N	N	15	1,000	3.0
1gr1102	46 2 2	113 24 2	2.00	.50	.70	.200	70	<.5	N	N	10	1,000	3.0
1gr1103	46 1 2	113 24 5	2.00	.70	.70	.200	100	.5	N	N	15	1,000	2.0
1gr1104	46 1 2	113 24 5	1.00	.50	.30	.100	100	1.0	N	N	30	700	5.0
1gr1105	46 0 57	113 24 7	1.50	.70	1.00	.200	150	N	N	N	20	500	50.0
1gr1106	46 1 0	113 24 8	1.00	.50	.50	.200	150	.7	N	N	200	1,000	7.0
1gr1107	46 0 55	113 24 10	2.00	1.00	1.00	.200	700	1.0	N	N	200	1,000	7.0
1gr1108	46 1 0	113 24 20	2.00	.30	1.00	.200	200	N	N	N	N	1,000	2.0
1gr2001	46 1 3	113 23 54	1.00	.20	.50	.100	150	<.5	N	N	70	500	5.0
1jh2002	46 1 20	113 23 36	3.00	5.00	15.00	.150	1,000	N	N	N	50	500	1.5
1jh2003	46 1 55	113 23 51	3.00	1.00	.15	.200	100	.5	N	N	200	700	2.0
1jh2004	46 2 13	113 24 26	2.00	10.00	<.05	.200	70	.7	N	N	20	700	2.0
1jh2005	45 56 51	113 31 27	.15	1.00	15.00	.003	150	N	N	N	N	<20	<1.0
1jh2006	45 56 51	113 33 14	.50	.15	.05	.100	10	N	N	N	N	700	1.5
1jh2007	45 57 25	113 33 25	.30	.10	N	.070	20	N	N	N	N	1,000	1.0
1jh2008	45 57 48	113 33 32	3.00	1.00	.05	.300	200	N	N	N	30	700	3.0
1jh2009	45 58 3	113 33 27	2.00	.05	.05	.030	100	N	N	N	10	100	1.0
1jh2010	45 53 43	113 33 10	>20.00	.02	N	.010	300	1.0	N	N	20	1,000	2.0
1jh2011	45 58 53	113 33 10	>20.00	.02	N	.015	500	N	1,000	N	15	>5,000	1.5
1jh2012	45 59 1	113 33 4	>20.00	<.02	N	.015	30	<.5	N	N	20	1,500	2.0
1jh2013	45 59 22	113 32 37	1.50	.07	N	.100	200	1.5	N	N	30	700	1.0
1jh2014	45 56 17	113 28 46	1.50	.30	.50	.100	150	N	N	N	10	1,000	3.0
1jh2015	45 56 10	113 28 44	1.00	.20	.50	.200	150	N	N	N	20	700	5.0
1jh2016	45 56 7	113 28 42	.70	.10	.20	.030	1,000	N	N	N	15	150	7.0
1jh2017	45 56 8	113 28 42	1.00	.10	.15	.050	300	1.5	N	N	20	150	5.0
1jh2018	45 56 4	113 28 34	5.00	2.00	3.00	1.000	1,000	N	N	N	15	700	2.0
1jh2019	45 56 3	113 28 14	.70	.10	.20	.030	1,000	N	N	N	15	150	10.0
1jh2020	45 55 56	113 28 6	1.00	.10	.30	.050	500	N	N	N	10	300	7.0
1jh2021	45 55 56	113 28	5.00	1.50	3.00	1.000	700	N	N	N	10	700	1.5
1jh2022	45 55 52	113 28 1	.70	.10	.20	.050	1,000	N	N	N	10	200	5.0
1jh2023	45 55 46	113 27 50	1.00	.10	.70	.050	5,000	N	N	N	10	100	7.0
1jh2024	45 55 43	113 27 47	.70	.15	.05	.100	50	N	N	N	20	150	7.0
1jh2025	45 55 39	113 27 49	1.50	.20	.50	.100	300	N	N	N	10	700	3.0
1jh2026	45 55 35	113 27 34	2.00	.30	.70	.150	500	N	N	N	15	700	5.0

Anaconda=Pintlar Rock Data--continued

Sample	BI	CD	CO	CR	CU	LA	MO	NB	NI	PB	SB	SC	SN	SR	V	W
1gr1080	N	N	10	20	5.0	30	N	N	30	30	N	5	N	700	100	N
1gr1081	N	N	N	N	N	30	N	N	7	30	N	5	N	700	20	N
1gr1082	N	N	N	<10	5.0	50	N	20	5	70	N	5	10	<100	20	N
1gr1083	N	N	10	70	5.0	30	N	N	50	30	N	7	N	700	100	N
1gr1084	N	N	N	N	15.0	20	N	30	5	30	N	5	N	<100	15	N
1gr1085	N	N	N	N	7.0	30	N	N	5	10	N	<5	N	N	15	N
1gr1086	N	N	5	10	N	50	N	N	5	10	N	5	N	N	30	N
1gr1087	N	N	N	<10	<5.0	30	N	N	5	20	N	<5	N	N	10	N
1gr1088	N	N	5	20	N	50	N	<20	7	10	N	7	N	N	70	N
1gr1089	N	N	N	10	N	50	N	N	5	10	N	5	N	N	20	N
1gr1100	N	N	N	20	70.0	50	100	<20	5	50	N	<5	10	500	50	N
1gr1101	N	N	N	15	50.0	20	30	<20	5	30	N	<5	10	500	50	N
1gr1102	N	N	N	20	70.0	30	100	<20	5	50	N	5	10	500	50	N
1gr1103	N	N	N	30	100.0	50	200	<20	5	50	N	<5	10	500	70	N
1gr1104	N	N	N	15	100.0	20	50	<20	5	30	N	5	<10	300	30	N
1gr1105	N	N	N	20	100.0	20	7	<20	10	20	N	5	15	500	50	N
1gr1106	N	N	N	15	200.0	30	<5	<20	15	50	N	5	10	300	50	N
1gr1107	N	N	7	20	200.0	50	N	<20	15	70	N	5	<10	500	70	N
1gr1108	<10	N	N	15	<5.0	20	N	<20	10	30	N	<5	N	500	50	N
1jn2001	N	N	<5	10	15.0	100	N	<20	7	100	N	5	N	150	10	N
1jn2002	N	N	10	30	10.0	50	70	N	30	20	N	10	N	<100	70	N
1jn2003	N	N	7	20	<5.0	30	N	<20	20	10	N	7	N	N	70	N
1jn2004	N	N	5	20	<5.0	50	N	N	7	10	N	N	N	<100	50	N
1jn2005	N	N	N	<10	<5.0	20	N	N	N	10	N	N	N	100	100	N
1jn2006	<10	N	N	10	5.0	20	N	<20	5	<10	150	<5	N	N	30	N
1jn2007	N	N	N	10	N	20	N	N	<5	10	N	<5	N	N	20	N
1jn2008	N	N	N	30	<5.0	50	N	<20	30	10	N	10	N	100	100	N
1jn2009	N	N	5	<10	<5.0	<20	N	N	5	20	N	<5	N	<100	15	N
1jn2010	N	N	N	N	3,000.0	N	500	N	15	30	N	5	N	100	100	N
1jn2011	<10	N	N	N	50.0	N	10	N	<5	15	N	<5	<10	1,500	20	N
1jn2012	10	N	N	<10	<5.0	N	N	N	N	10	N	<5	<10	<100	20	N
1jn2013	N	N	50	10	30.0	50	15	<20	7	10	N	N	N	100	100	100
1jn2014	N	N	N	15	<5.0	70	N	N	10	20	N	<5	N	15	N
1jn2015	N	N	N	N	N	30	N	20	N	30	N	<5	N	150	100	N
1jn2016	N	N	30	70	30.0	20	N	20	5	15	N	15	<10	500	20	N
1jn2017	N	N	N	<10	<5.0	20	N	30	5	30	N	<5	N	150	10	N
1jn2018	N	N	50	10	30.0	20	N	20	50	15	N	20	<10	<100	150	N
1jn2019	<10	N	N	15	<5.0	50	N	20	5	30	N	<5	N	100	15	N
1jn2020	N	N	30	N	N	50	N	20	N	50	N	5	N	150	10	N
1jn2021	N	N	N	N	30.0	70	N	20	15	20	N	5	<10	500	100	N
1jn2022	N	N	N	N	N	20	N	20	5	20	N	5	N	150	10	N
1jn2023	N	N	N	N	7.0	20	N	50	5	20	N	5	N	<100	150	N
1jn2024	<10	N	<10	N	N	50	N	<20	5	30	N	5	<10	100	15	N
1jn2025	N	N	N	N	10.0	50	N	<20	50	30	N	5	N	500	15	N
1jn2026	N	N	N	10	7.0	70	N	20	15	50	N	5	<10	300	30	N

Anaconda-Pintlar Rock Data--continued

Sample	Y	ZN	ZR	TH	ZNWC	SBWC	ASWC
1gr1080	10	N	100	N	75	N	N
1gr1081	10	N	70	N	40	N	N
1gr1082	20	N	70	N	45	N	N
1gr1083	10	N	150	N	75	N	N
1gr1084	20	N	20	N	5	N	N
1gr1085	15	N	200	N	20	N	N
1gr1086	30	N	150	N	15	N	N
1gr1087	10	N	50	N	5	N	N
1gr1088	30	N	500	N	15	N	N
1gr1089	20	N	70	N	5	N	10
1gr1100	<10	N	150	N	15	N	N
1gr1101	<10	N	100	N	20	N	N
1gr1102	<10	N	100	N	200	N	10
1gr1103	<10	N	150	N	200	N	10
1gr1104	N	N	70	N	30	N	10
1gr1105	10	N	100	N	30	N	10
1gr1106	<10	N	100	N	55	N	10
1gr1107	<10	N	100	N	55	N	10
1gr1108	10	N	100	N	500	N	N
1gr2001	10	N	50	N	20	<1	10
1jh2002	20	N	50	N	5	N	10
1jh2003	15	N	200	N	15	<1	10
1jh2004	20	N	300	N	<5	<1	10
1jh2005	N	N	N	N	10	40	200
1jh2006	10	N	200	N	5	2	10
1jh2007	10	N	300	N	5	5	40
1jh2008	30	N	200	N	500	2	10
1jh2009	N	N	10	N	300	<1	N
1jh2010	50	N	10	N	300	<1	N
1jh2011	10	N	10	N	20	<1	10
1jh2012	10	N	10	N	15	<1	10
1jh2013	15	N	200	N	10	<1	20
1jh2014	<10	N	70	N	40	<1	N
1jh2015	10	N	100	N	25	<1	N
1jh2016	15	N	30	N	30	N	N
1jh2017	15	N	15	N	10	<1	N
1jh2018	30	N	150	N	30	N	N
1jh2019	10	N	100	N	25	<1	N
1jh2020	15	N	70	N	45	<1	N
1jh2021	20	N	100	N	35	<1	10

Anaconda-Pintlar Rock Data--continued

Sample	LAT	LONG	FE%	MG%	CA%	TI%	MN	AG	AS	AU	B	BA	BE
Tjh2027	45 50 57	113 40 2	2.00	.20	.70	.100	300	N	N	N	15	1,500	2.0
Tjh2028	45 50 56	113 40 22	2.00	.50	.70	.200	150	<.5	N	N	20	1,000	2.0
Tjh2029	45 50 55	113 41 31	.50	.10	.50	.050	150	.5	N	N	15	200	7.0
Tjh2030	45 50 55	113 41 31	5.00	1.50	2.00	.500	1,000	N	N	N	10	1,000	1.5
Tjh2031	45 51 25	113 41 43	2.00	.30	.70	.200	500	N	N	N	20	700	3.0
Tjh2032	45 51 46	113 41 13	3.00	.50	.70	.200	500	N	N	N	15	500	5.0
Tjh2033	45 52 8	113 41 5	7.00	5.00	2.00	.300	1,000	N	N	N	15	1,000	1.0
Tjh2034	45 51 40	113 40 7	1.50	.20	1.00	.100	300	N	N	N	10	1,000	2.0
Tjh2035	45 51 40	113 40 7	2.00	.50	.70	.200	300	N	N	N	20	700	5.0
Tjh2036	45 49 41	113 39 59	2.00	.30	1.00	.150	500	N	N	N	10	1,500	1.5
Tjh2037	45 50 14	113 39 37	1.00	.15	.50	.070	500	N	N	N	10	500	5.0
Tjh2038	45 49 51	113 42 20	1.00	.10	1.00	.020	5,000	N	N	N	30	50	1.0
Tjh2039	45 49 50	113 42 20	10.00	1.50	2.00	.500	1,000	N	N	N	10	1,000	2.0
Tjh2040	45 49 51	113 42 21	3.00	1.00	1.50	.300	700	N	N	N	20	1,000	2.0
Tjh2041	45 50 28	113 42 6	3.00	1.00	1.00	.300	700	N	N	N	15	1,000	2.5
Tjh2042	45 50 4	113 42 44	2.00	.70	1.00	.300	500	N	N	N	20	1,000	3.0
Tjh2043	45 50 35	113 42 52	3.00	1.00	3.00	.500	2,000	N	N	N	30	1,000	1.5
Tjh2044	45 51 2	113 42 20	5.00	1.00	2.00	.300	500	N	N	N	10	1,500	2.5
Tjh2045	45 51 48	113 42 5	.70	.15	1.50	.050	300	N	N	N	20	1,000	1.5
Tjh2046	45 50 34	113 42 6	7.00	1.50	2.00	.500	700	N	N	N	15	20	5.0
Tjh2047	45 56 48	113 42 34	3.00	1.00	1.00	.300	500	N	N	N	20	500	3.0
Tjh2048	45 51 15	113 42 50	15.00	3.00	.20	.500	2,000	N	N	N	20	200	1.5
Tjh2049	45 51 15	113 43 20	5.00	2.00	1.00	.500	500	N	N	N	20	1,000	1.5
Tjh2050	45 52 3	113 43 23	5.00	1.07	.70	.300	500	2.0	300	N	50	700	1.5
Tjh2051	45 50 23	113 43 43	1.50		.20	.030	1,500	<.5	N	N	20	500	5.0
Tjh2052	45 48 58	113 44 17	3.00	2.00	2.00	.200	500	N	N	N	30	1,000	1.5
Tjh2053	45 49 3	113 44 39	5.00	.15	.15	.050	300	N	N	N	20	1,000	2.5
Tjh2054	45 49 11	113 44 58	2.00	1.00	.50	.200	700	N	N	N	15	1,500	1.5
Tjh2055	45 49 12	113 44 59	1.00	.20	.70	.200	200	.5	N	N	50	1,000	3.0
Tjh2056	45 49 16	113 45 2	1.00	.15	1.00	.050	200	N	N	N	10	20	7.0
Tjh2057	45 49 16	113 45 7	3.00	.70	.15	.200	700	N	N	N	20	1,000	2.0
Tjh2058	45 49 22	113 45 7	1.50	.15	.50	.150	700	N	N	N	30	700	2.0
Tjh2059	45 53 1	113 42 59	3.00	1.00	.05	.200	300	N	N	N	20	1,500	1.0
Tjh2060	45 52 48	113 42 45	1.50	.30	20.00	.100	500	N	N	N	30	1,000	5.0
Tjh2061	45 53 32	113 26 0	2.00	1.00	5.00	.200	500	.7	N	N	20	500	5.0
Tjh2062	45 58 32	113 26 0	.20	.05	.15	.050	50	N	N	N	15	100	5.0
Tjh2063	45 57 47	113 26 15	2.00	.20	.50	.150	700	N	N	N	20	200	7.0
Tjh2064	45 57 47	113 25 22	1.50	.50	.05	.150	70	N	N	N	70	300	1.5
Tjh2065	46 3 40	113 21 22	1.00	1.00	20.00	.070	150	N	N	N	10	50	<1.0
Tjh2067	46 4 2	113 20 10	N	.07	5.00	<.002	N	N	N	N	10	N	<1.0
Tjh2068	46 5 42	113 19 42	.15	.02	.20	.030	20	N	N	N	20	150	<1.0
Tjh2069	46 5 8	113 18 11	.15	.02	<.05	.070	70	N	N	N	20	70	<1.0
Tjh2070	46 5 33	113 19 8	.10	1.00	20.00	.005	50	N	N	N	N	20	N
Tjh2071	46 4 18	113 18 2	5.00	1.50	.20	.500	300	N	N	N	200	2,000	3.0
Tjh2072	46 4 43	113 17 25	1.50	.20	<.05	.300	50	N	N	N	70	300	1.5

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Anaconda-Pintlar Rock Data--continued

Sample	BI	CD	CO	CR	CU	LA	MO	NB	NI	PB	SB	SC	SN	SR	V	W
1jh2027	N	N	N	10	N	70	N	<20	5	20	N	<5	N	700	30	N
1jh2028	N	N	5	15	N	50	7	N	10	30	N	<5	N	500	50	N
1jh2029	N	N	15	10	N	20	5	<20	7	50	N	5	N	100	100	N
1jh2030	N	N	10	15	<5.0	70	5	20	15	15	N	7	N	500	100	N
1jh2031	N	N	7	10	<5.0	70	N	<20	7	30	N	5	N	200	30	N
1jh2032	N	N	10	10	N	70	N	30	7	20	N	5	N	150	50	N
1jh2033	N	N	50	500	100.0	70	N	<20	150	20	N	20	N	500	100	N
1jh2034	N	N	N	<10	7.0	50	N	<20	500	30	N	<5	<10	700	15	N
1jh2035	N	N	5	15	N	50	N	20	5	30	N	5	N	500	70	N
1jh2036	N	N	<5	<10	N	100	N	<20	5	20	N	5	N	700	20	N
1jh2037	N	N	N	10	5.0	20	<5	20	5	20	N	<5	N	300	10	N
1jh2038	N	N	N	<10	<5.0	<20	N	20	5	10	N	<5	N	N	<10	N
1jh2039	N	N	20	15	N	100	N	<20	5	15	N	5	N	500	100	N
1jh2040	N	N	100	70	N	100	N	20	50	50	N	5	N	500	100	N
1jh2041	N	N	10	30	N	150	N	20	15	30	N	5	N	500	70	N
1jh2042	N	N	7	20	5.0	70	N	20	15	30	N	5	N	500	70	N
1jh2043	N	N	15	50	N	70	5	<20	20	70	N	5	N	500	70	N
1jh2044	N	N	15	200	N	100	N	<20	15	10	N	7	N	300	100	N
1jh2045	N	N	N	<10	N	<20	7	20	5	20	N	5	N	100	15	N
1jh2046	N	N	30	<10	N	20	N	30	5	10	N	10	N	300	200	N
1jh2047	N	N	10	30	7.0	70	10	20	30	30	N	<5	N	5,000	50	50
1jh2048	N	N	30	70	5.0	30	N	<20	15	15	N	30	N	300	200	N
1jh2049	N	N	20	70	<5.0	70	N	<20	30	20	N	7	N	500	100	N
1jh2050	N	N	15	100	20.0	100	7	20	70	300	N	<5	N	700	70	N
1jh2051	N	N	N	N	N	<20	N	30	5	20	N	5	N	N	10	N
1jh2052	N	N	30	300	30.0	100	10	N	100	30	N	10	N	500	150	50
1jh2053	N	N	N	<10	<5.0	50	N	<20	5	30	N	<5	10	100	10	N
1jh2054	N	N	15	10	N	70	5	<20	5	15	N	10	N	500	150	N
1jh2055	N	N	7	15	20.0	70	10	<20	7	30	N	<5	N	300	70	N
1jh2056	N	N	N	<10	N	20	N	30	5	30	N	5	N	100	20	<50
1jh2057	N	N	N	10	<5.0	100	N	20	<5	15	N	5	N	700	70	N
1jh2058	N	N	7	<10	N	50	5	30	7	200	N	<5	N	150	30	N
1jh2059	N	N	5	10	5.0	20	N	<20	15	300	N	7	N	300	100	N
1jh2060	N	N	N	50	5.0	30	10	<20	5	50	N	<5	N	500	70	50
1jh2061	N	N	N	50	N	30	N	N	20	30	N	5	N	700	10	N
1jh2062	N	N	N	N	<5.0	50	N	20	5	200	N	5	N	<100	15	N
1jh2063	N	N	7	15	N	20	5	30	5	30	N	5	N	150	20	N
1jh2064	N	N	5	15	5.0	30	N	<20	10	10	N	5	N	<100	500	N
1jh2065	N	N	N	20	5.0	20	N	<20	<5	10	N	<5	N	300	20	N
1jh2067	N	N	N	10	N	20	N	N	20	10	N	N	N	100	10	N
1jh2068	N	N	N	10	<5.0	50	N	N	5	<10	N	N	N	N	15	N
1jh2069	N	N	N	15	<5.0	20	5	N	5	10	N	N	N	N	20	N
1jh2070	N	N	N	15	5.0	20	N	<20	<5	<10	N	N	N	1,000	<10	N
1jh2071	N	N	15	100	30.0	50	N	<20	30	10	N	20	N	N	50	N
1jh2072	N	N	7	30	<5.0	30	N	N	20	10	N	5	N	<100	70	N

Anaconda-Pintlar Rock Data--continued

Sample	Y	ZN	ZR	TH	ZNWC	SBWC	ASWC
1Jh2027	10	N	150	N	20	N	10
1Jh2028	N	N	100	N	50	N	10
1Jh2029	20	N	500	N	20	N	N
1Jh2030	15	N	150	N	70	N	N
1Jh2031	10	N	100	N	30	N	10
1Jh2032	30	N	150	N	50	N	N
1Jh2033	20	N	100	N	60	N	N
1Jh2034	30	N	100	N	30	N	N
1Jh2035	<10	N	150	N	50	N	N
1Jh2036	15	N	150	N	30	N	10
1Jh2037	10	N	50	N	10	N	N
1Jh2038	30	N	70	N	10	N	N
1Jh2039	15	<200	150	N	700	N	10
1Jh2040	10	N	200	N	80	N	N
1Jh2041	10	N	200	N	75	N	N
1Jh2042	<10	N	150	N	50	N	10
1Jh2043	10	N	150	N	90	N	10
1Jh2044	20	N	200	N	20	N	10
1Jh2045	10	N	10	N	20	N	10
1Jh2046	10	N	200	N	45	N	10
1Jh2047	<10	<200	200	N	70	N	10
1Jh2048	30	N	150	N	100	N	10
1Jh2049	10	N	200	N	50	N	N
1Jh2050	10	N	150	N	40	N	N
1Jh2051	15	N	30	N	25	N	N
1Jh2052	10	N	150	N	60	N	10
1Jh2053	10	N	500	N	30	N	10
1Jh2054	15	N	150	N	75	N	10
1Jh2055	<10	N	150	N	40	N	10
1Jh2056	10	N	70	N	20	N	N
1Jh2057	20	N	200	N	60	N	N
1Jh2058	10	N	100	N	55	N	10
1Jh2059	10	N	150	N	35	N	N
1Jh2060	10	N	100	N	30	N	10
1Jh2061	10	N	100	N	50	N	N
1Jh2062	20	N	30	N	10	N	N
1Jh2063	15	N	150	N	25	N	N
1Jh2064	15	N	200	N	15	N	N
1Jh2065	10	N	30	N	10	N	10
1Jh2067	10	N	<10	N	40	N	10
1Jh2068	30	N	100	N	10	N	N
1Jh2069	<10	N	100	N	5	N	N
1Jh2070	20	N	N	N	20	N	N
1Jh2071	50	N	200	N	35	N	N
1Jh2072	10	N	300	N	10	N	N

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Anaconda-Pintlar Rock Data--continued

Sample	LAT	LONG	FE%	MG%	CA%	TI%	MN	AG	AS	AU	B	BA	BE
1jh2073	46 4 8	113 16 40	1.00	1.00	.05	.150	100	N	N	N	100	500	2.0
1jh2074	45 58 48	113 17 44	3.00	.70	.70	.100	700	N	N	N	15	500	10.0
1jh2075	45 59 36	113 20 16	2.00	.50	.70	.100	700	N	N	N	15	700	10.0
1jh2076	45 59 14	113 28 32	.20	.15	<.05	.030	20	N	N	N	30	500	1.0
1jh2077	45 58 22	113 29 0	.30	.07	.30	.030	10	<.5	N	N	100	300	1.0
1jh2078	46 0 59	113 19 39	1.00	.30	<.05	.150	70	<.5	N	N	70	1,500	3.0
1jh2079	46 0 48	113 19 7	.70	.50	<.05	.150	30	<.5	N	N	20	500	3.0
1jh2080	46 1 39	113 18 12	1.50	.50	<.05	.300	30	<.5	N	N	100	300	2.0
1jh2081	46 1 38	113 18 13	3.00	.30	.15	.150	150	1.0	N	N	50	5,000	3.0
1jh2082	46 1 12	113 17 32	3.00	1.50	.10	.200	500	N	N	N	10	1,000	2.0
1jh2083	46 0 49	113 16 23	1.00	.30	.05	.300	100	N	N	N	150	500	1.5
1jh2084	46 1 18	113 15 57	3.00	1.00	<.05	.150	100	N	N	N	100	700	1.5
1jh2085	46 1 23	113 15 10	.70	.15	.50	.070	500	N	N	N	20	1,500	7.0
1jh2086	46 1 26	113 15 10	3.00	1.00	.05	.200	50	N	N	N	20	300	1.5
1jh2087	46 0 4	113 21 18	3.00	1.50	.05	.500	50	<.5	N	N	200	700	10.0
1jh2088	45 59 47	113 17 11	5.00	1.00	.50	.300	500	N	N	N	200	500	3.0
1jh2089	45 59 16	113 15 46	.15	.10	7.00	.050	50	N	N	N	10	70	5.0
1jh2090	45 59 25	113 17 49	2.50	.70	1.50	.200	700	N	N	N	10	700	3.0
1jh2091	45 54 8	113 34 49	.50	.07	.70	.015	700	N	N	N	15	<20	1.5
1jh2092	45 54 12	113 34 48	5.00	3.00	1.00	.300	700	<.5	N	N	30	1,000	1.5
1jh2093	45 54 0	113 36 48	2.00	1.00	.70	.200	500	N	N	N	20	1,500	2.0
1jh2094	45 53 55	113 36 47	1.50	1.50	7.00	.200	200	N	N	N	30	1,000	3.0
1jh2095	45 53 52	113 36 47	5.00	1.50	1.50	.300	1,000	N	N	N	10	700	1.5
1jh2096	45 53 47	113 36 42	2.00	1.50	.70	.200	700	N	N	N	30	1,000	3.0
1jh2097	45 53 36	113 36 33	5.00	1.50	1.50	.300	700	N	N	N	10	700	1.5
1jh2098	45 53 35	113 36 22	7.00	2.00	.70	.500	1,000	N	N	N	20	300	5.0
1jh2099	45 53 35	113 36 22	1.00	.20	.50	.100	500	.5	N	N	70	700	10.0
1jh2100	45 53 13	113 36 13	1.00	.70	2.00	.300	1,000	N	N	N	15	200	1.5
1jh2101	45 53 15	113 36 13	1.00	.20	.70	.070	200	N	N	N	30	1,000	2.0
1jh2102	45 53 5	113 35 50	3.00	1.00	1.00	.300	500	N	N	N	10	1,500	2.0
1jh2103	45 52 49	113 35 50	.70	.10	.15	.050	300	N	N	N	15	200	1.5
1jh2104	45 52 40	113 35 57	7.00	1.50	5.00	.300	700	N	N	N	10	300	1.0
1jh2105	45 52 41	113 35 57	2.00	1.00	.50	.100	500	N	N	N	15	1,000	2.0
1jh2120	45 50 33	113 44 49	2.00	1.00	.05	.200	500	N	N	N	20	1,000	3.0
1jh2121	45 50 10	113 44 17	3.00	1.00	1.00	.002	1,000	N	N	N	10	700	5.0
1jh2122	45 49 51	113 44 3	2.00	.70	2.00	.500	500	N	N	N	20	1,000	5.0
1jh2123	45 49 51	113 44 3	3.00	1.00	1.00	.300	2,000	N	N	N	15	700	10.0
1jh2124	45 49 35	113 43 45	.70	.10	1.50	.100	300	N	N	N	10	100	1.5
1dk3001	45 58 36	113 22 53	2.00	1.00	1.00	.200	500	N	N	N	20	1,000	2.0
1dk3002	45 53 21	113 23 11	3.00	1.00	1.00	.200	1,000	N	N	N	15	1,000	2.0
1dk3003	45 58 3	113 23 43	3.00	1.50	1.50	.300	700	N	N	N	10	1,000	3.0
1dk3004	45 57 47	113 23 40	7.00	5.00	5.00	1.000	1,500	N	N	N	15	1,500	1.0
1dk3005	45 57 47	113 23 39	5.00	1.50	.15	.300	300	N	N	N	100	500	2.0
1dk3006	45 57 51	113 23 42	.20	.20	.15	.030	150	N	N	N	20	100	<1.0
1dk3007	45 57 45	113 23 38	.20	.15	.05	.020	70	N	N	N	20	70	1.0

Anaconda-Pintlar Rock Data--continued

Sample	BI	CD	CO	CR	CU	LA	MO	NB	NI	PB	SB	SC	SN	SR	V	W
1jh2073	N	N	5	15	N	20	N	<20	7	10	N	5	N	<100	50	N
1jh2074	N	N	10	20	N	30	N	20	10	70	N	5	<10	300	70	N
1jh2075	<10	N	7	15	N	500	N	20	5	70	N	5	N	200	30	N
1jh2076	N	N	N	10	N	200	N	N	7	15	N	<5	N	<100	10	N
1jh2077	N	N	N	N	N	<20	N	<20	<5	10	N	N	N	<100	15	N
1jh2078	N	N	N	10	7.0	<20	N	N	5	10	N	<5	N	<100	20	N
1jh2079	N	N	5	10	10.0	70	N	N	5	10	N	5	N	N	200	N
1jh2080	N	N	N	15	5.0	N	N	N	5	10	N	5	N	N	30	N
1jh2081	N	N	5	N	7.0	20	7	<20	10	30	N	5	N	500	30	N
1jh2082	N	N	10	100	20.0	30	N	<20	70	50	N	7	N	700	100	N
1jh2083	N	N	N	20	N	20	N	N	5	N	N	5	N	N	30	N
1jh2084	N	N	7	15	N	200	N	N	15	10	N	5	N	<100	500	N
1jh2085	N	N	N	<10	7.0	300	N	<20	<5	50	N	N	N	N	200	N
1jh2086	N	N	N	200	N	300	N	<20	10	N	N	7	N	1,000	700	N
1jh2087	N	N	15	70	<5.0	100	N	20	20	10	N	15	N	<100	100	N
1jh2088	N	N	20	150	20.0	50	N	<20	30	15	N	15	N	100	100	N
1jh2089	N	N	N	<10	<5.0	<20	N	N	5	50	N	N	N	200	10	N
1jh2090	N	N	7	15	<5.0	300	N	<20	10	500	N	5	N	200	50	N
1jh2091	N	N	N	<10	N	N	N	20	7	10	N	<5	N	N	15	N
1jh2092	N	N	30	300	30.0	30	N	N	150	20	N	15	N	500	100	N
1jh2093	N	N	7	30	10.0	70	N	<20	50	50	N	5	N	700	100	N
1jh2094	N	N	7	100	5.0	500	N	N	5	30	N	<5	N	300	50	N
1jh2095	N	N	20	300	N	300	N	<20	10	15	N	10	N	500	150	N
1jh2096	N	N	N	100	N	300	5	N	7	50	N	5	N	500	70	N
1jh2097	N	N	20	50	5.0	50	N	<20	15	10	N	7	N	500	150	N
1jh2098	N	N	30	10	7.0	100	N	20	5	20	N	15	N	700	200	N
1jh2099	N	N	5	N	<5.0	50	N	N	<5	50	N	<5	N	200	20	N
1jh2100	N	N	10	N	<5.0	200	N	<20	<5	200	N	7	N	500	100	N
1jh2101	N	N	N	N	5.0	300	N	<20	<5	50	N	<5	N	500	10	N
1jh2102	N	N	15	50	N	50	N	N	20	30	N	5	N	700	100	N
1jh2103	N	N	N	N	<5.0	200	N	20	5	30	N	<5	N	150	10	N
1jh2104	N	N	20	200	7.0	N	N	N	10	15	N	10	N	700	150	N
1jh2105	N	N	10	300	N	50	N	N	15	500	N	5	N	500	700	N
1jh2120	N	N	N	500	15.0	100	N	<20	30	100	N	5	N	500	100	N
1jh2121	N	N	10	10	<5.0	50	N	<20	5	30	N	10	N	500	150	N
1jh2122	N	N	7	20	5.0	100	N	30	30	100	N	5	N	500	70	N
1jh2123	N	N	10	<10	<5.0	50	N	50	<5	50	N	7	N	300	100	N
1jh2124	N	N	N	N	N	<20	N	20	15	100	N	<5	N	100	10	N
1dk3001	N	N	7	200	<5.0	300	N	N	20	50	N	5	N	500	50	N
1dk3002	N	N	10	50	<5.0	50	N	N	7	30	N	5	N	500	50	N
1dk3003	N	N	10	50	7.0	200	N	N	30	50	N	5	N	N	70	N
1dk3004	N	N	50	50	30.0	100	N	30	70	50	N	15	N	700	200	N
1dk3005	N	N	20	30	20.0	50	N	<20	30	10	N	10	N	1,000	100	N
1dk3006	N	N	N	N	<5.0	20	N	N	7	N	N	<5	N	N	10	N
1dk3007	N	N	N	N	<5.0	30	N	N	7	N	N	N	N	N	10	N

Anaconda-Pintlar Rock Data--continued

Sample	Y	ZN	ZR	TH	ZNWC	SBWC	ASWC
1jh2073	15	N	300	N	10	N	N
1jh2074	<10	N	500	N	65	N	10
1jh2075	<10	N	150	<100	30	N	N
1jh2076	<10	N	50	N	20	N	N
1jh2077	<10	N	30	N	5	N	N
1jh2078	15	N	100	N	15	N	10
1jh2079	20	N	150	N	10	N	N
1jh2080	20	N	200	N	5	N	10
1jh2081	10	N	100	N	20	N	N
1jh2082	10	N	200	N	60	N	10
1jh2083	20	N	1,000	N	5	N	N
1jh2084	15	N	100	N	15	N	N
1jh2085	10	N	100	N	15	N	N
1jh2086	20	N	300	N	10	N	10
1jh2087	50	N	200	N	35	N	10
1jh2093	30	N	200	N	50	N	N
1jh2089	<10	N	10	N	5	N	10
1jh2090	<10	N	150	N	50	N	N
1jh2091	10	N	15	N	5	N	N
1jh2092	10	N	100	N	70	N	N
1jh2093	<10	N	100	N	65	N	N
1jh2094	N	N	100	N	60	N	N
1jh2095	20	N	150	N	70	N	10
1jh2096	<10	N	100	N	80	N	10
1jh2097	10	N	150	N	55	N	N
1jh2098	50	N	30	N	40	N	N
1jh2099	<10	N	100	N	40	N	10
1jh2100	50	N	200	N	80	N	N
1jh2101	<10	N	100	N	35	N	N
1jh2102	10	N	150	N	65	N	10
1jh2103	10	N	15	N	10	N	N
1jh2104	20	200	15	<100	40	N	10
1jh2105	<10	N	150	N	100	N	N
1jh2120	10	N	200	N	60	N	10
1jh2121	20	N	70	N	65	N	10
1jh2122	10	N	200	N	50	N	N
1jh2123	20	N	100	N	90	N	10
1jh2124	20	N	20	N	20	N	N
1dk3001	<10	N	70	N	55	N	10
1dk3002	10	N	70	N	55	N	10
1dk3003	10	N	100	N	45	N	20
1dk3004	30	N	150	N	85	<1	20
1dk3005	50	N	200	N	40	N	10
1dk3006	10	N	30	N	5	N	N
1dk3007	<10	N	20	N	10	N	10

Anaconda–Pintlar Rock Data--continued

Sample	LAT	LONG	FE%	MG%	CA%	TI%	MN	AG	AS	AU	B	BA	BE
1dk3008	45 57 26	113 23 2	7.00	5.00	10.00	.200	2,000	N	N	N	10	300	1.0
1dk3009	45 57 26	113 23 0	5.00	2.00	15.00	.300	1,500	N	N	N	15	100	2.0
1dk3010	45 57 6	113 22 49	5.00	3.00	5.00	.300	1,000	N	N	N	10	1,000	1.0
1dk3011	45 56 36	113 22 56	.10	.03	.05	.002	15	N	N	N	10	50	<1.0
1dk3012	45 56 30	113 22 58	1.50	.10	.20	.030	>5,000	N	N	N	20	100	20.0
1dk3013	45 56 29	113 22 58	5.00	1.50	<.05	.300	150	N	N	N	1,000	300	2.0
1dk3014	45 56 17	113 22 56	3.00	1.00	.50	.300	300	1.0	N	N	20	1,500	2.0
1dk3015	45 50 7	113 22 49	7.70	.02	.15	.007	1,500	.5	N	N	20	30	10.0
1dk3016	45 56 5	113 22 51	.30	.07	.15	.010		N	N	N	15	20	10.0
1dk3017	45 56 17	113 22 38	.70		.50	.050	1,000	N	N	N	200	500	20.0
1dk3018	45 56 16	113 22 40	1.00	.07	.10	.070	50	2.0	N	N	20	500	5.0
1dk3019	45 57 44	113 22 34	3.00	5.00	20.00	.200	700	N	N	N	15	500	3.0
1dk3020	45 53 6	113 24 22	.50	.10	.20	.050	300	5.0	N	N	15	100	5.0
1dk3021	45 58 12	113 21 27		.03	.20	.020	200	3.0	N	N	20	20	7.0
1dk3022	45 53 3	113 21 14	5.00	1.00	.10	.500	200	N	N	N	200	700	3.0
1dk3023	45 57 1	113 21 1	5.00	1.00	.10	.700	300	N	N	N	30	2,000	1.0
1dk3024	45 58 2	113 20 59	2.00	1.00	.50	.150	300	<.5	N	N	20	1,000	5.0
1dk3025	45 53 1	113 20 58	3.00	2.00	1.00	.200	700	N	N	N	70	1,000	2.0
1dk3026	45 58 56	113 20 47	.70	.15	.20	.100	200	N	N	N	20	700	5.0
1dk3027	45 56 43	113 30 46	.30	.10	N	.015	10	N	N	N	10	300	1.0
1dk3028	45 58 8	113 30 51	3.00	1.50	1.00	.300	500	N	N	N	30	1,000	2.0
1dk3029	45 57 0	113 30 50	3.00	1.50	1.50	.300	500	N	N	N	20	1,000	2.0
1dk3030	45 59 1	113 30 56	.50	.10	<.05	.050	10	N	N	N	500	500	1.0
1dk3031	45 55 9	113 31 8	2.00	.70	1.00	.200	500	N	N	N	500	700	2.0
1dk3032	45 55 47	113 31 8	.30	.02	N	.003	<10	N	N	N	10	100	<1.0
1dk3033	45 58 1	113 31 8	3.00	.15	N	.070	<10	N	N	N	20	1,000	3.0
1dk3034	45 58 37	113 31 0	3.00	.07	N	.030	10	N	N	N	500	1,000	1.0
1dk3035	45 59 1	113 31 1	1.50	1.00	<.05	.020	15	N	N	N	500	500	1.0
1dk3036	45 55 9	113 30 59	2.00	.10	1.00	.150	500	N	N	N	20	500	3.0
1dk3037	45 55 47	113 36 56	3.00	.15	.05	.050	70	N	N	N	10	1,500	1.5
1dk3038	45 55 29	113 37 1	3.00	1.00	.07	.200	200	N	N	N	100	700	2.0
1dk3039	45 55 26	113 36 38	2.00	1.50	.05	.200	150	N	N	N	50	500	2.0
1dk3040	45 55 11	113 37 8	1.50	1.00	.50	.200	150	N	N	N	30	300	3.0
1dk3041	45 55 9	113 37 44	2.00	1.50	.05	.200	200	N	N	N	50	500	1.5
1dk3042	45 54 41	113 37 55	3.00	.30	.10	.200	500	N	N	N	10	700	2.0
1dk3043	45 54 35	113 37 59	.20	.05	.10	.015	30	N	N	N	15	500	1.0
1dk3044	45 57 0	113 35 56	.20	.07	N	.150	70	N	N	N	20	300	1.0
1dk3045	45 55 23	113 35 41	.10	.10	N	.070	20	N	N	N	30	300	1.0
1dk3046	45 52 50	113 26 59	1.00	.10	.70	.070	300	N	N	N	10	500	3.0
1dk3047	45 52 25	113 26 46	2.00	.15	.70	.100	300	N	N	N	10	1,000	2.0
1dk3048	45 51 59	113 27 1	1.00	.15	.05	.100	200	N	N	N	10	100	1.0
1dk3049	45 55 44	113 39 38	2.00	1.00	<.05	.300	200	N	N	N	70	700	1.5
1dk3050	45 55 10	113 39 30	1.50	.15	<.05	.200	15	N	N	N	30	700	2.0
1dk3051	45 54 45	113 39 32	1.00	1.00	.05	.100	200	N	N	N	100	700	3.0
1ch4001	46 0 27	113 23 35	3.00	.70	1.00	.500	700	1.0	N	N	10	2,000	10.0

Anaconda-Pintlar Rock Data--continued

Sample	BI	CD	CO	CR	CU	LA	MO	NB	NI	PB	SB	SC	SN	SR	V	W
1dk3008	N	N	7	30	<5.0	50	N	<20	30	<10	N	10	N	100	50	N
1dk3009	N	N	15	70	30.0	70	N	<20	30	10	N	10	N	200	100	N
1dk3010	N	N	30	200	30.0	30	N	N	70	30	N	15	N	700	150	N
1dk3011	N	N	N	N	N	20	N	N	5	10	N	N	N	N	10	N
1dk3012	20	N	N	N	<5.0	<20	N	30	7	20	N	N	10	100	10	N
1dk3013	N	N	20	50	10.0	20	N	<20	20	10	N	10	N	<100	150	N
1dk3014	N	N	7	15	30.0	50	N	<20	7	30	N	5	N	500	100	N
1dk3015	10	N	N	N	7.0	N	10	50	5	20	N	N	N	N	<10	N
1dk3016	N	N	N	N	5.0	N	N	20	10	10	N	N	N	<100	<10	N
1dk3017	N	N	N	N	<5.0	20	N	<20	7	30	N	N	10	200	10	N
1dk3018	N	N	10	N	<5.0	<20	20	<20	10	50	N	<5	N	300	<10	N
1dk3019	N	N	N	30	<5.0	50	N	<20	15	15	N	7	N	300	70	N
1dk3020	10	N	N	N	15.0	N	N	20	5	200	N	<5	N	N	<10	N
1dk3021	15	N	N	N	<5.0	20	N	<20	7	100	N	15	N	<100	<10	N
1dk3022	N	N	5	70	<5.0	20	N	<20	15	10	N	15	N	200	100	N
1dk3023	N	N	10	10	10.0	100	N	<20	7	15	N	5	N	700	150	N
1dk3024	N	N	7	30	7.0	30	5	<20	30	30	N	10	N	300	50	N
1dk3025	N	N	20	200	10.0	50	N	N	100	30	N	<5	N	500	20	N
1dk3026	<10	N	N	N	<5.0	50	N	N	7	10	N	N	N	500	70	N
1dk3027	<10	N	5	70	N	20	N	N	5	10	N	15	N	<100	10	N
1dk3028	<10	N	15	10	20.0	30	N	<20	30	50	N	<5	N	500	100	N
1dk3029	<10	N	20	100	5.0	30	5	<20	30	50	N	N	N	500	70	N
1dk3030	N	N	N	N	N	20	N	N	5	10	N	N	N	<100	20	N
1dk3031	N	N	15	50	15.0	20	N	N	30	15	N	5	N	300	70	N
1dk3032	N	N	N	N	N	20	N	N	5	10	N	<5	N	100	10	N
1dk3033	N	N	N	20	N	20	N	N	10	10	N	7	N	500	70	N
1dk3034	N	N	N	30	N	30	N	N	20	10	N	7	N	500	100	N
1dk3035	N	N	N	15	<5.0	30	N	<20	7	10	N	5	N	<100	50	N
1dk3036	N	N	7	30	<5.0	20	N	20	30	30	N	5	N	300	70	N
1dk3037	N	N	7	10	<5.0	20	N	N	5	15	N	5	N	100	30	N
1dk3038	N	N	7	N	N	20	N	N	10	10	N	7	N	<100	70	N
1dk3039	N	N	7	10	N	30	N	<20	20	10	N	7	N	100	100	N
1dk3040	N	N	N	10	<5.0	30	N	20	7	10	N	5	N	<100	50	N
1dk3041	N	N	5	30	<5.0	30	N	<20	15	30	N	5	N	100	70	N
1dk3042	N	N	7	10	<5.0	50	N	20	5	20	N	5	N	100	30	N
1dk3043	N	N	5	15	<5.0	N	N	N	7	150	N	<5	N	150	10	N
1dk3044	N	N	5	20	N	30	N	<20	7	<10	N	<5	N	N	20	N
1dk3045	N	N	<5	30	<5.0	30	5	20	<5	20	N	<5	10	N	10	<50
1dk3046	N	N	5	30	<5.0	30	N	<20	5	30	N	<5	N	<100	70	N
1dk3047	N	N	7	<10	N	20	N	30	5	50	N	<5	N	100	30	N
1dk3048	N	N	5	15	N	20	N	N	7	<10	N	<5	N	N	20	N
1dk3049	<1	N	5	20	7.0	20	N	<20	7	20	N	5	N	N	70	N
1dk3050	<1	N	<5	30	N	500	5	20	<5	10	N	7	10	<100	100	N
1dk3051	<1	N	5	<10	N	30	N	<20	5	15	N	5	N	<100	30	N
1th4001	N	N	7	<10	70.0	70	N	30	5	50	N	<5	N	700	70	N

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Sample	Y	ZN	ZR	TH	ZNWC	SBWC	ASWC
1dk3008	50	N	150	N	10	<1	10
1dk3009	70	N	200	N	10	N	N
1dk3010	15	N	100	N	55	N	N
1dk3011	N	N	N	N	<5	N	N
1dk3012	<10	N	15	N	5	<1	N
1dk3013	30	N	150	N	35	N	N
1dk3014	10	N	150	N	75	N	10
1dk3015	N	N	15	N	15	N	N
1dk3016	N	N	N	N	30	N	N
1dk3017	10	N	20	N	20	<1	N
1dk3018	<10	N	20	N	25	N	10
1dk3019	30	N	200	N	10	N	N
1dk3020	<10	N	. N	N	40	N	N
1dk3021	10	N	15	N	5	<1	N
1dk3022	30	N	200	N	40	<1	N
1dk3023	10	N	200	N	80	N	N
1dk3024	10	N	100	N	45	<1	10
1dk3025	15	N	100	N	65	N	N
1dk3026	10	N	100	N	35	<1	N
1dk3027	10	N	20	N	5	N	N
1dk3028	15	N	50	N	30	N	20
1dk3029	15	N	70	N	30	<1	20
1dk3030	<10	N	30	N	5	N	N
1dk3031	10	N	70	N	70	<1	20
1dk3032	<10	N	150	N	<5	N	20
1dk3033	10	N	50	N	<5	N	20
1dk3034	<10	N	70	N	5	<1	N
1dk3035	<10	N	30	N	<5	N	10
1dk3036	10	N	70	N	50	<1	N
1dk3037	<10	N	150	N	10	N	N
1dk3038	30	N	150	N	25	N	10
1dk3039	10	N	200	N	30	N	10
1dk3040	70	N	100	N	15	N	10
1dk3041	15	N	200	N	30	N	N
1dk3042	20	N	200	N	50	N	N
1dk3043	N	N	15	N	5	N	N
1dk3044	20	N	200	N	10	N	N
1dk3045	20	N	150	N	5	N	10
1dk3046	<10	N	100	N	40	N	N
1dk3047	<10	N	100	N	35	N	N
1dk3048	N	N	500	N	85	N	10
1dk3049	30	N	150	N	30	<1	N
1dk3050	20	N	300	N	5	<1	N
1dk3051	30	N	100	N	60	N	10
1tn4001	10	N	200	N	35	N	N

Anaconda-Pintlar Rock Data--continued

Sample	LAT	LONG	FE%	MG%	CA%	TI%	MN	AG	AS	AU	B	BA	BE
1th4002	46 0 16	113 23 46	3.00	1.00	1.00	.300	700	3.0	N	N	15	1,000	10.0
1th4003	46 0 6	113 23 49	.10	.07	.30	.050	100	.5	N	N	20	3,000	20.0
1th4004	46 0 6	113 23 49	3.00	1.00	.70	.500	700	.5	N	N	20	1,000	20.0
1th4005	45 59 57	113 24 9	2.00	1.00	1.00	.300	700	.5	N	N	20	1,000	7.0
1th4006	45 59 57	113 24 22	.07	.05	<.05	.015	15	1.0	N	N	20	150	1.0
1th4007	45 59 54	113 24 39	2.00	1.00	1.00	.200	500	N	N	N	10	700	7.0
1th4008	45 59 48	113 24 42	1.50	.02	<.05	.030	30	1.5	N	N	10	100	<1.0
1th4009	45 59 22	113 24 52	1.50	.20	.70	.150	300	.5	N	N	50	700	15.0
1th4010	45 59 22	113 24 52	2.00	1.00	1.00	.200	500	N	N	N	10		5.0
1th4011	45 59 16	113 25 21	5.00	5.00	2.00	.300	1,000	N	N	N	200	1,000	2.0
1th4012	45 59 11	113 25 34	2.00	1.00	1.00	.300	500	N	N	N	10	1,000	2.0
1th4013	45 58 48	113 27 31	2.00	2.00	10.00	.200	300	.5	N	N	200	500	2.0
1th4014	45 58 43	113 27 31	3.00	7.00	20.00	1.000	1,000	<.5	N	N	50	300	1.0
1th4015	45 58 25	113 27 45	.10	.10		.002	10	<.5	N	N	10	30	<1.0
1th4016	45 53 25	113 27 45	3.00	7.00	10.00	.200	700	2.0	N	N	200	1,000	2.0
1th4017	45 58 3	113 27 57	2.00	1.00	.70	.200	300	.5	N	N	15	1,000	5.0
1th4018	45 57 56	113 27 44	5.00	5.00	3.00	.500	1,000	.5	N	N	20	1,000	1.5
1th4019	45 57 56	113 27 44	3.00	7.00	10.00	.150	1,000	N	N	N	50	150	1.5
1th4020	45 57 45	113 27 32	2.00	5.00	7.00	.200	700	.5	N	N	100	500	2.0
1th4021	45 57 45	113 27 32	3.00	7.00	15.00	.200	1,000	N	N	N	150	700	1.5
1th4022	45 57 45	113 27 42	3.00	1.50	1.00	.300	500	N	N	N	10	700	5.0
1th4023	45 57 26	113 26 42	2.00	3.00	5.00	.200	200	N	N	N	150	700	3.0
1th4024	45 57 22	113 26 42	3.00	5.00	20.00	.200	700	<.5	N	N	100	700	2.0
1th4025	45 54 34	113 26 21	.30	.10	.50	.015	150	N	N	N	15	200	10.0
1th4026	45 54 40	113 26 21	1.50	.30	.50	.100	300	.5	N	N	10	1,000	1.5
1th4027	45 53 59	113 26 21	3.00	.50	.70	.150	700	N	N	N	<10	1,500	1.5
1th4028	45 53 24	113 26 21	1.00	.15	.50	.070	200	N	N	N	10	700	2.0
1th4029	45 53 10	113 25 40	.20	.05	1.50	.050	50	N	N	N	10	150	1.0
1th4030	45 53 9	113 37 7	.50	.15	.30	.070	300	<.5	N	N	10	150	1.5
1th4031	45 53 10	113 36 45	.30	.07	2.00	.070	50	N	N	N	10	70	1.0
1th4032	45 53 10	113 36 46	.20	.05	<.05	.070	30	N	N	N	10	50	1.0
1th4033	45 53 10	113 36 46	.20	.10	<.05	.050	20	.5	N	N	10	100	1.5
1th4034	45 53 23	113 39 54	1.00	.20	.30	.070	300	N	N	N	10	700	5.0
1th4035	45 56 54	113 39 54	1.50	.20	N	.300	20	N	N	N	70	500	1.5
1th4036	45 57 32	113 39 54	3.00	1.50	.30	.200	300	.5	N	N	150	700	3.0
1th4037	45 58 2	113 39 48	1.00	1.00	.05	.070	70	N	N	N	30	300	1.5
1th4038	45 53 2	113 39 50	2.00	.50	.05	.100	30	N	N	N	50	500	1.5
1th4039	45 51 49	113 38 26	3.00	.70	1.50	.200	700	N	N	N	15	700	5.0
1th4040	45 51 49	113 38 22	.50	.07	.30	.030	1,500	N	N	N	10	50	10.0
1th4041	45 51 49	113 38 7	5.00	5.00	2.00	.200	700	N	N	N	20	700	15.0
1th4042	45 52 24		5.00	1.50	2.00	.300	700	N	N	N	10	1,000	1.5
1th4043	45 52 39		2.00	.30	.15	.200	200	N	N	N	15	700	3.0
1th4044	45 53 33		3.00	.50	.70	.300	500	N	N	N	15	500	2.0
1th4045	45 53 36		7.00	5.00	3.00	.500	1,000	N	N	N	10	700	1.5
1th4046	45 53 43		3.00	1.00	.20	.300	300	<.5	N	N	30	500	1.5

Anaconda-Pintlar Rock Data--continued

Sample	UI	CD	CO	CR	CU	LA	MO	NH	NI	PB	SB	SC	SN	SR	V	W
1th4002	N	N	7	20	100.0	70	N	20	7	50	N	5	N	500	50	N
1th4003	N	N	5	10	30.0	20	N	20	5	70	N	<5	N	150	100	N
1th4004	N	N	15	30	20.0	100	N	<20	20	50	N	5	10	500	100	N
1th4005	N	N	10	20	7.0	100	N	20	10	70	N	5	N	500	70	N
1th4006	N	N	N	<10	<5.0	20	50	N	5	70	N	N	N	N	10	N
1th4007	N	N	5	20	7.00	50	N	<20	7	70	N	5	N	200	70	N
1th4008	N	N	5	<10	30.0	<20	50	N	7	<10	N	N	N	N	70	N
1th4009	N	N	5	N	50.0	70	N	20	5	100	N	5	N	360	200	N
1th4010	N	N	10	50	5.0	30	N	<20	30	150	N	5	N	700	70	N
1th4011	N	N	30	300	20.0	20	N	<20	150	30	N	15	N	700	150	N
1th4012	N	N	10	50	<5.0	30	N	N	20	50	N	5	N	700	70	N
1th4013	N	N	10	50	15.0	20	N	<20	15	200	N	10	N	100	70	N
1th4014	N	N	7	20	N	30	N	N	10	10	N	7	N	100	300	N
1th4015	<10	N	N	10	N	<20	N	N	5	N	N	<5	N	<100	<10	N
1th4016	N	N	10	50	10.0	50	5	N	15	70	N	7	15	100	70	N
1th4017	N	N	7	20	<5.0	70	N	20	50	150	N	7	<10	500	70	N
1th4018	<10	N	50	200	N	70	N	<20	10	30	N	7	10	<100	100	N
1th4019	N	N	7	30	30.0	30	N	N	10	200	N	10	7	100	500	N
1th4020	N	N	N	30	15.0	50	5	N	5	20	N	<5	N	<100	70	N
1th4021	N	N	10	30	20.0	50	N	N	15	15	N	7	N	150	50	N
1th4022	N	N	15	70	10.0	50	N	20	50	50	N	7	N	500	70	N
1th4023	N	N	7	20	15.0	30	N	<20	10	30	N	7	N	<100	50	N
1th4024	N	N	7	30	5.0	50	N	N	10	200	N	10	N	100	50	N
1th4025	N	N	N	N	10.0	N	N	<20	7	100	N	<5	N	<100	<10	N
1th4026	N	N	N	N	<5.0	50	N	<20	5	30	N	<5	N	500	15	N
1th4027	N	N	N	<10	5.0	70	N	<20	5	50	N	<5	N	700	20	N
1th4028	N	N	N	<10	<5.0	30	N	N	10	30	N	<5	N	300	10	N
1th4029	N	N	N	10	<5.0	30	N	N	7	10	N	<5	N	150	20	N
1th4030	N	N	7	100	<5.0	30	N	<20	7	30	N	7	N	<100	50	N
1th4031	N	N	10	10	<5.0	20	<5	<20	20	10	N	10	N	500	30	N
1th4032	N	N	N	<10	<5.0	20	N	N	15	<10	N	5	N	N	50	N
1th4033	N	N	N	10	<5.0	30	N	N	10	10	N	5	N	N	50	N
1th4034	N	N	N	<10	<5.0	70	N	<20	<5	20	N	5	N	500	70	N
1th4035	N	N	7	30	N	50	N	20	<5	<10	N	7	N	N	<10	N
1th4036	N	N	10	50	N	30	N	N	150	10	N	15	N	<100	100	N
1th4037	N	N	15	15	<5.0	30	N	N	5	20	N	5	N	500	100	N
1th4038	N	N	7	20	N	200	N	<20	10	<10	N	7	N	100	70	N
1th4039	N	N	5	N	<5.0	50	N	20	7	15	N	5	N	300	70	N
1th4040	N	N	50	500	15.0	30	N	N	100	15	N	20	N	1,000	150	N
1th4041	N	N	15	30	30.0	30	N	N	30	10	N	10	N	100	70	.

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Sample	Y	ZN	ZR	TH	ZNWC	SBWC	ASWC
1th40C2	10	N	150	N	40	N	10
1th40C3	N	N	200	N	5	N	N
1th40C4	10	N	200	N	65	N	N
1th40C5	10	N	150	N	50	N	10
1th40C6	N	N	10	N	5	N	20
1th40C7	10	N	200	N	45	N	N
1th40C8	<10	N	<10	N	10	3	N
1th40C9	20	N	150	N	20	N	N
1th40C10	10	N	100	N	55	N	N
1th40C11	15	N	100	N	70	N	10
1th40C12	10	N	100	N	50	N	10
1th40C13	20	N	100	N	100	N	10
1th40C14	30	N	50	N	10	N	N
1th40C15	N	N	N	N	<5	N	N
1th40C16	30	N	150	N	40	N	10
1th40C17	10	N	200	<100	70	N	10
1th40C18	20	N	200	N	60	N	10
1th40C19	30	N	100	N	115	N	N
1th40C20	30	N	200	N	20	N	N
1th40C21	50	N	70	N	10	N	20
1th40C22	10	N	100	<100	55	N	20
1th40C23	20	N	70	N	40	N	25
1th40C24	30	N	150	N	35	N	N
1th40C25	N	N	10	N	25	N	N
1th40C26	70	N	100	N	40	N	10
1th40C27	10	N	200	N	45	N	10
1th40C28	<10	N	70	N	30	N	N
1th40C29	<10	N	50	N	5	N	N
1th40C30	<10	N	50	N	5	N	N
1th40C31	<10	N	50	N	5	N	N
1th40C32	<10	N	70	N	5	N	20
1th40C33	N	N	30	N	<5	N	10
1th40C34	10	N	70	N	35	N	N
1th40C35	30	N	500	N	10	N	N
1th40C36	50	N	200	N	25	N	10
1th40C37	10	N	70	N	15	N	N
1th40C38	10	N	100	N	10	N	N
1th40C39	15	N	150	N	50	N	N
1th40C40	<10	N	20	N	15	N	N
1th40C41	10	N	50	N	60	N	N
1th40C42	10	N	150	N	60	N	10
1th40C43	50	N	150	N	20	N	N
1th40C44	<10	N	200	N	35	N	10
1th40C45	30	N	100	N	45	N	N
1th40C46	20	N	200	N	35	N	10

Anaconda-Pintlar Rock Data--continued

Sample	LAT	LONG	FEX	MGX	CAX	TIX	MN	AG	AS	AU	B	BA	BE
1th4047	45 55 24	113 27 3	3.00	5.00	15.00	.200	500	N	N	N	10	700	1.0
1th4048	45 55 5	113 26 21	3.00	7.00	15.00	.200	700	N	N	N	10	300	5.0
1th4049	45 55 39	113 40 32	2.00	1.50	.07	.200	300	N	N	N	70	500	1.5
1th4050	45 55 10	113 40 44	1.00	.20	<.05	.100	150	N	N	N	20	2,000	1.0
1th4051	45 54 38	113 40 54	2.00	1.00	.07	.100	200	N	N	N	70	1,000	10.0
1th4052	45 54 32	113 40 51	1.50	.30	.70	.100	200	N	N	N	15	1,500	1.5
1th4053	45 50 19	113 46 29	2.00	.70	1.00	.200	200	.5	N	N	30	1,000	5.0
1th4054	45 49 40	113 45 24	2.00	.50	.70	.200	300	N	N	N	20	1,000	5.0
1th4055	45 54 36	113 41 55	2.00	1.00	.10	.200	200	N	N	N	50	1,000	2.0
1dz5001	46 3 12	113 41 19	3.00	5.00	5.00	.300	1,500	N	N	N	100	1,000	2.0
1dz5002	46 0 11	113 19 3	1.00	1.50	>20.00	.010	1,000	N	N	N	<10	20	<1.0
1dz5003	46 2 14	113 18 22	3.00	3.00	5.00	.200	500	N	N	N	150	500	3.0
1dz5004	46 1 45	113 18 7	3.00	1.00	.10	.300	70	.5	N	N	150	700	5.5
1dz5005	45 56 24	113 18 7	3.00	.30	<.05	.200	70	N	N	N	200	500	1.5
1dz5006	45 56 25	113 18 7	7.00	.70	N	.300	1,000	1.0	N	N	100	700	7.0
1dz5007	46 2 29	113 17 28	2.60	1.00	.70	.100	700	.5	N	N	50	700	2.0
1dz5008	46 2 11	113 17 18	3.00	1.00	.05	.200	150	1.5	N	N	50	500	3.0
1dz5010	45 56 24	113 28 44	2.00	2.00	10.00	.300	200	N	N	N	200	300	2.0
1dz5011	45 56 25	113 28 47	1.50	.50	.70	.150	200	N	N	N	10	1,000	2.0
1dz5012	45 56 36	113 29 10	3.00	1.50	1.50	.300	500	N	N	N	10	1,500	2.0
1dz5013	45 56 36	113 29 10	2.00	2.00	10.00	.100	300	N	N	N	200	500	1.0
1dz5014	45 56 42	113 29 20	3.00	1.00	1.50	.200	500	2.0	N	N	20	700	2.0
1dz5015	45 56 50	113 29 46	5.00	2.00	2.00	.300	700	N	N	N	200	700	2.0
1dz5016	45 56 51	113 29 50	2.00	1.50	1.00	.300	500	N	N	N	1,000	300	3.0
1dz5017	45 56 55	113 29 57	5.00	1.00	2.00	.200	1,000	N	N	N	20	200	1.5
1dz5018	45 56 55	113 29 57	2.00	.07	20.00	.150	500	2.0	N	N	200	700	1.0
1dz5019	45 56 55	113 30 9	5.00	2.00	2.00	.200	700	N	N	N	20	300	2.0
1dz5020	45 56 21	113 30 57	2.00	1.00	<.05	.300	200	N	N	N	10	150	3.0
1dz5021	45 56 29	113 31 16	7.00	.15	<.05	.050	10	<.5	N	N	50	1,000	15.0
1dz5022	45 56 41	113 31 36	2.00	.70	1.50	.200	500	N	N	N	10	1,000	2.0
1dz5027	46 1 6	113 22 42	3.00	.50	<.05	.050	50	.5	N	N	500	1,000	2.0
1dz5029	46 2 53	113 12 57	5.00	2.00	.50	.300	700	N	N	N	100	500	5.0
1dz5030	46 2 52	113 12 54	3.00	.50	1.00	.200	500	.2	N	N	200	1,500	2.5
1dz5031	46 2 53	113 12 52	5.00	.70	.50	.200	1,000	1.0	N	N	200	500	1.5
1dz5032	46 3 6	113 12 23	2.00	1.00	.70	.300	500	.5	N	N	10	500	1.5
1dz5033	46 3 6	113 12 23	3.00	.15	.15	.150	200	N	N	N	500	500	5.0
1dz5034	46 3 14	113 12 13	3.00	.30	3.00	.150	700	1.0	N	N	100	700	2.5
1dz5035	46 3 9	113 11 57	3.00	.15	.07	.100	70	.7	N	N	200	150	1.5
1dz5036	46 3 9	113 11 50	5.00	.50	.30	.150	300	1.5	N	N	200	500	1.5
1dz5037	46 3 6	113 11 44	7.00	1.00	.20	.300	200	.5	N	N	300	500	1.5
1dz5038	46 0 54	113 23 46	1.50	.15	.10	.150	70	N	N	N	100	500	5.0
1dz5039	46 0 55	113 23 45	2.00	.30	.05	.150	150	1.0	N	N	100	700	10.0
1dz5040	46 0 56	113 23 47	1.00	.15	.15	.100	150	.7	<200	N	50	150	500.0
1dz5041	46 0 56	113 23 50	2.00	.50	.10	.150	500	1.5	N	N	500	700	15.0

Anaconda-Pintlar Rock Data--continued

Sample	BI	CD	CO	CR	CU	LA	MO	NB	NI	PB	SB	SC	SN	SR	V	W
1th4047	N	N	15	50	20.0	30	N	<20	20	20	N	10	<10	150	70	N
1th4048	N	N	10	50	N	50	N	N	20	15	N	7	<10	100	50	N
1th4049	N	N	10	30	<5.0	50	N	<20	15	20	N	7	N	<100	70	N
1th4050	N	N	5	10	<5.0	20	N	N	<0	30	N	5	N	150	30	N
1th4051	N	N	7	20		30	N	N	10	15	N	5	N	<100	50	N
1th4052	N	N	10	10	<5.0	20	N	200	5	20	N	<5	N	500	70	N
1th4053	N	N	7	15	<5.0	50	N	<20	5	50	N	5	N	500	500	N
1th4054	N	N	10	20	<5.0	50	N	200	7	50	N	5	N	700	50	N
1th4055	N	N	5	50	N	70	N	<20	15	20	N	10	N	100	70	N
1th5001	N	N	15	50	N	70	N	N	30	20	N	10	N	100	100	N
1th5002	N	N	N	10	7.0	150	N	20	10	30	N	5	N	200	10	N
1th5003	N	N	10	20	15.0	50	N	<20	15	15	N	10	N	<100	70	N
1th5004	N	N	5	30	15.0	100	N	200	10	20	N	7	N	N	100	N
1th5005	N	N	7	20	10.0	50	N	<20	100	20	N	15	N	N	70	N
1th5006	N	N	30	100		100	N	N	30		N		N	N	100	N
1th5007	N	N	5	10	<5.0	20	N	N	10	10	N	5	N	<100	30	N
1th5008	N	N	5	20	20.0	<20	N	20	15	<10	N	5	<10	100	70	N
1th5009	N	N	7	30	20.0	50	N	N	100	15	N	10	N	500	70	N
1th5010	N	N	5	20	N	30	N	N	100	30	N	5	N	500	20	N
1th5011	N	N	7	100	N	50	N	N	50	30	N	10	N		50	N
1th5012	N	N	7	30	5.0	30	N	N	15	10	N	7	N	<100	200	N
1th5013	N	N	15	100	5.0	70	N	<20	500	50	N	7	N	500	70	N
1th5014	N	N	50	1,000	30.0	30	N	200	200	200	N	20	N	700	70	N
1th5015	N	N	20	150	7.0	30	N	<20	200	50	N	7	N	300	150	N
1th5016	N	N	7	20	<5.0	50	N	N	20	N	N	5	N	N	15	N
1th5017	N	N	50	500	20.0	20	200	N	70	20	N	20	N	300	70	N
1th5018	N	N	10	10	10.0	200	15	N	200	50	N	7	<10	100	20	500
1th5019	N	N	15	500	7.0	50	20	<20	50	30	N	5	15	500	100	
1th5020	N	N	7	300	20.0	70	2,000	200	70	20	N	15	N	100	70	<50
1th5021	N	N	N	10	<5.0	<20		30	5	N	N	<5	N	<100	50	N
1th5022	>1,000	N	5	500	N	30	15	N	30	30	N	5	N	500	70	N
1th5027	N	N	10	10	50.0	<20	30	<20	5	50	N	10	N	<100	20	N
1th5029	<10	N	7	500	70.0	50	N	200	200	15	N	7	<10	100	100	N
1th5030	<100	N	5	300	50.0	70	10	<20	30	30	N	5	15	500	70	N
1th5031	<10	N	N	10	50.0	20		30	7	50	N	<5	N	<100	50	N
1th5032	N	N	5	10	20.0	30	15	20	50	30	N	5	N	500	30	N
1th5033	N	N	10	30	100.0	30	30	<20	15	20	N	10	N	100	100	<50
1th5034	N	N	7	30	100.0	50	N	200	500	50	N	10	N	150	300	500
1th5035	N	N	5	15	150.0	70	100	<20	20	30	N	5	10	300	50	500
1th5036	N	N	N	100	200.0	20	15	<20	20	100	N	15	20	<100	200	70
1th5037	<10	N	5	150		50	N	<20	5	100	N	20	N	100	200	N
1th5038	N	N	5	200		20	15	N	15	20	N	5	N	200	50	<50
1th5039	N	N	7	300		20	30	20	200	20	N	5	10	150	70	500
1th5040	N	N	10	20		70	100	N	20	N	N	5	20	100	70	500
1th5041	<10	N	30	30		20	15	N		50	N	5	N	<100	70	70

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Anaconda-Pintlar Rock Data--continued

Sample	Y	ZN	ZR	TH	ZNWC	SBWC	ASWC
1th4C47	20	N	150	N	5	N	10
1th4C48	30	N	150	N	5	N	N
1th4C49	70	N	200	N	45	N	10
1th4C50	10	N	300	N	5	N	10
1th4C51	10	N	100	N	30	N	10
1th4C52	<10	N	100	N	25	N	N
1th4C53	<10	N	150	N	50	N	10
1th4C54	<10	N	100	N	60	<1	10
1th4C55	50	N	300	N	30	N	10
1a25C01	30	N	150	N	35	N	10
1a25C02	100	N	<10	N	N	N	10
1a25C03	50	N	150	N	50	N	10
1a25C04	30	N	200	<100	N	N	N
1a25C05	70	N	300	N	200	1	N
1a25C06	50	N	300	N	30	2	10
1a25C07	20	N	100	N	15	N	N
1a25C08	25	N	200	N	200	N	N
1a25C09	15	N	150	N	700	<1	20
1a25C10	<10	N	70	N	35	<1	10
1a25C11	15	N	100	N	65	<1	N
1a25C12	20	N	100	N	40	N	20
1a25C13	10	N	200	N	60	<1	10
1a25C14	20	N	150	N	700	N	1
1a25C15	15	N	150	N	60	<1	N
1a25C16	10	N	100	N	45	<1	N
1a25C17	15	N	100	N	60	<1	20
1a25C18	20	N	70	N	25	N	N
1a25C19	10	N	100	N	60	<1	N
1a25C20	10	N	50	N	40	<1	N
1a25C21	15	N	100	N	5	<1	N
1a25C22	10	N	100	N	60	N	10
1a25C27	N	N	70	N	100	20	20
1a25C29	50	N	150	N	50	N	10
1a25C30	100	N	100	N	55	N	10
1a25C31	20	N	N	N	10	N	N
1a25C32	10	N	100	N	35	N	N
1a25C33	15	N	70	N	30	N	20
1a25C34	50	N	150	N	30	N	10
1a25C35	<10	N	100	N	35	N	10
1a25C36	30	N	150	N	35	N	N
1a25C37	30	N	150	N	60	N	N
1a25C38	10	N	70	N	300	2	100
1a25C39	<10	N	100	N	40	2	200
1a25C40	10	N	70	N	50	2	200
1a25C41	10	N	100	N	50	2	10

Anaconda-Pintlar Rock Data--continued

Sample	LAT	LONG	FE%	MG%	CA%	TI%	MN	AG	AS	AU	B	BA	BE
1d25042	46 0 56	113 23 50	1.00	.02	N	.015	300	2.0	N	N	15	100	1.0
1d25043	46 1 7	113 23 50	5.00	.05	<.05	.003	20	50.0	200	N	10	70	1,000.0
1d25044	46 1 6	113 23 49	1.50	.05	<.05	.010	50	50.0	N	N	10	50	10.0
1d25045	46 1 8	113 23 49	10.00	.20	.05	.050	700	30.0	N	N	50	100	10.0
1d25047	45 58 56	113 26 17	3.00	3.00	.50	.200	200	N	N	N	1,500	1,500	2.0
1d25048	45 58 59	113 26 11	1.50	1.00	.50	.200	200	<.5	N	N	20	700	5.0
1d25049	45 59 7	113 25 52	2.00	.15	.05	.200	700	N	N	N	70	700	5.0
1d25051	45 59 22	113 24 53	.30	.05	.20	.050	150	N	N	N	20	150	3.0
1d25052	45 59 22	113 24 53	1.50	.10	.10	.100	700	N	N	N	30	300	5.0
1d25053	45 59 23	113 24 48	3.00	.02	N	.005	20	3.0	N	N	15	50	1.0
1d25056	46 0 3	113 24 1	.70	.20	.20	.100	150	N	N	N	10	5,000	1.0
1d25057	45 59 42	113 23 40	3.00	1.50	1.00	.200	700	N	N	N	15	1,000	2.0
1d25058	46 0 3	113 28 52	1.50	.30	.07	.200	500	7.0	N	N	150	1,500	1.5
1d25059	46 0 52	113 23 52	1.00	.20	.50	.200	500	1.0	N	N	100	150	50.0
1d25060	46 0 57	113 23 53	2.00	.50	.50	.200	150	.5	N	N	10	1,000	5.0
1d25061	46 1 3	113 24 4	1.50	.30	.20	.150	100	N	N	N	15	1,000	2.0
1d25062	46 1 2	113 24 3	2.00	.50	.70	.200	200	1.0	N	N	200	1,000	3.0
1d25063	46 1 6	113 24 3	2.00	.70	.70	.200	200	.7	N	N	15	1,000	3.0
1d25064	46 1 9	113 24 3	16.00	.50	.50	.200	150	1.0	N	N	15	1,000	5.0
1d25065	45 59 31	113 23 0	5.00	.10	.10	.100	1,000	20.0	N	N	30	>5,000	<1.0
1d25066	45 59 31	113 33 0	5.00	.05	N	.070	300	20.0	<200	N	20	>5,000	<1.0
1d25067	45 59 31	113 33 0	10.00	.01	N	.100	100	7.0	1,000	N	10	2,000	<1.0
1d25068	45 59 31	113 33 0	5.00	.10	.05	.100	>5,000	2.0	N	N	200	200	1.5
1d25069	46 2 20	113 25 56	.30	.03	.05	.070	500	700.0	N	N	20	100	1.0
1d25070	46 2 20	113 25 56	.30	1.50	2.00	.005	>5,000	1,000.0	N	N	20	150	1.0
1d25071	46 6 28	113 16 6	2.00	.15	10.00	.100	300	1,000.0	1,000	N	10	50	1.0
1d25072	46 6 23	113 16 6	16.00	.07	.15	1.000	150	500.0	700	N	10	300	1.5
1d25073	46 6 50	113 17 12	2.00	3.00	3.00	.300	700	<.5	N	N	200	700	1.0
1d25074	46 6 50	113 17 12	7.00	2.00	15.00	.150	500	<.5	N	N	100	200	2.0
1d25075	46 6 0	113 17 12	2.00	.20	5.00	.070	200	<.5	N	N	30	300	1.5
1d25076	46 1 3	113 23 36	7.00	5.00	15.00	.070	5,000	2.0	N	N	10	<20	30.0
1d25085	45 56 45	113 33 40	1.50	.50	.05	.200	70	N	N	N	50	1,000	2.0
1d25086	45 56 45	113 33 54	1.50	.70	.10	.150	1,000	N	N	N	70	700	2.0
1d25087	45 50 11	113 33 54	20.00	.05	.05	.150	1,500	N	N	N	N	1,500	N
1d25088	46 1 10	113 23 43	10.00	5.00	5.00	.500	1,000	2.0	N	N	20	150	2.0
1d25089	46 4 13	113 23 41	2.00	.07	.10	.100	20	N	N	N	10	1,000	1.5
1d25090	46 3 9	113 11 50	16.00	3.00	7.00	1.000	1,000	20.0	N	N	20	700	N
1d25091	46 3 10	113 11 57	2.00	1.00	1.50	.300	500	N	N	N	15	500	2.0
1d25092	46 1 14	113 23 44	7.00	2.00	15.00	.150	1,500	N	N	N	<10	30	10.0
1d25093	46 1 1	113 23 44	2.00	.20	5.00	.070	1,000	.5	N	N	10		1.0
1d25094	46 4 15	113 32 9	7.00	2.00	5.00	.500	1,000	N	N	N	200	2,000	1.0
1d25095	46 4 15	113 32 9	3.00	1.00	.70	.500	>5,000	20.0	2,000	N	200	1,000	5.0
1d25096	45 59 7	113 33 11	2.00	1.50	3.00	.070	5,000	10.0	N	N	10	70	<1.0
1d25097	45 59 3	113 23 12	2.00	1.50	20.00	.050	5,000	7.0	N	N	15	100	<1.0
1d25098	45 59 4	113 23 12	1.50	.20	.70	.050	1,000	50.0	N	N	10	200	N

Anaconda-Pintlar Rock Data--continued

Sample	BI	CD	CO	CR	CU	LA	MO	NB	NI	PB	SB	SC	SN	SR	V	W
1az5042	N	N	7	10	70.0	<20	50	N	7	N	N	N	N	N	15	50
1az5043	100	N	7	<10	2,000.0	<20	50	N	7	15	N	7	150	N	15	2,000
1az5044	N	N	N	<10	300.0	<20	200	N	5	10	N	N	70	N	10	<50
1az5045	N	N	200	10	2,000.0	N	150	N	7	20	N	<5	20	N	50	500
1az5047	N	N	10	50	30.0	50	N	<20	20	15	N	15	10	N	100	N
1az5048	<10	N	N	70	50.0	50	N	<20	10	30	N	5	20	500	70	N
1az5049	N	N	5	10	<5.0	50	N	30	5	50	N	5	N	<100	50	N
1az5051	N	N	N	N	<5.0	20	N	<20	7	50	N	<5	N	N	10	N
1az5052	N	N	N	N	N	30	N	20	5	70	N	5	N	<100	15	N
1az5053	700	N	N	<10	150.0	<20	70	N	5	30	N	N	N	N	30	N
1az5056	<10	N	25	10	<5.0	50	N	<20	5	150	N	N	N	700	20	N
1az5057	<10	N	7	100	7.0	30	N	<20	50	30	N	7	<10	500	70	<50
1az5058	10	N	7	150	20.0	30	N	<20	50	150	N	5	<100	300	50	N
1az5059	N	N	30	50	500.0	50	10	<20	100	20	N	<5	30	500	30	N
1az5060	N	N	5	20	50.0	30	20	N	10	30	N	5	15	500	50	N
1az5061	30	N	5	10	20.0	20	150	N	7	30	N	<5	<10	300	50	<50
1az5062	N	N	7	20	200.0	30	10	<20	20	50	N	5	100	500	50	N
1az5063	N	N	7	30	50.0	30	7	<20	15	30	N	5	10	500	70	N
1az5064	N	N	5	20	100.0	30	15	<20	5	30	N	5	15	300	50	N
1az5065	15	N	20	10	5,000.0	<20	N	<20	15	1,500	200	5	N	150	15	N
1az5066	N	N	70	<10	>20,000.0	<20	N	N	20	50	100	<5	N	200	20	N
1az5067	N	N	30	15	7,000.0	<20	10	N	10	200	200	<5	N	N	30	N
1az5068	N	N	15	15	200.0	30	N	<20	15	20	<100	5	N	N	30	N
1az5069	N	50	N	10	1,000.0	20	N	N	5	5,000	700	N	N	N	10	N
1az5070	N	150	N	10	1,000.0	20	N	N	7	7,000	2,000	N	N	N	100	N
1az5071	20	70	N	<10	5,000.0	<20	N	N	5	700	3,000	N	N	100	10	500
1az5072	N	N	N	10	5,000.0	<20	<5	N	200	30	2,000	N	N	<100	70	1,000
1az5073	N	N	50	500	50.0	20	N	N	150	50	N	15	N	500	150	N
1az5074	N	N	15	300	15.0	<20	N	N	50	30	N	10	N	100	150	<50
1az5075	N	N	7	100	15.0	20	N	N		15	N	5	N	<100	70	N
1az5076	N	20	10	20	7,000.0	20	50	N	150	15	N	7	150	100	150	N
1az5085	N	N	5	50	100.0	30	N	<20	10	10	N	7	N	<100	100	N
1az5086	N	50	5	70	10.0	30	N	N	7	20	N	5	N	<100	100	N
1az5087	N	N	30	<10	15.0	N	N	N	5	N	N	N	N	N	300	N
1az5088	N	N	50	200	200.0	20	N	N	50	70	N	30	N	100	300	N
1az5089	20	N	N	<10	200.0	20	50	N	5	50	N	5	30	150	30	2
1az5090	N	N	50	200	100.0	20	N	N	100	20	N	30	N	300	200	200
1az5091	N	50	10	20	5.0	70	N	<20	15	100	N	7	N	500	100	N
1az5092	N	N	7	30	100.0	30	N	N	10	20	N	5	200	200	200	N
1az5093	N	N	N	<10	5.0	70	N	N	<5	100	N	N	30	200	150	N
1az5094	N	N	50	150	50.0	30	N	N	70	30	N	30	N	700	200	<50
1az5095	N	N	200	200	70.0	30	7	N	50	10,000	<100	20	N	<100	200	N
1az5096	N	N	20	10	3,000.0	20	N	N	5	150	N	<5	N	<100	15	N
1az5097	N	N	15	10	150.0	20	N	N	10	7,000	<100	<5	N	100	15	N
1az5098	<10	N	30	<10	200.0	50	N	N	10	>20,000	150	N	N	<100	10	N

Anaconda–Pintlar Rock Data—continued

Sample	Y	ZN	ZR	TH	ZNWC	SBWC	ASWC
1d25042	N	N	N	N	20	3	100
1d25043	N	300	N	N	440	4	10
1d25044	N	N	N	N	40	<1	10
1d25045	10	1,000	50	N	500	>200	400
1d25047	30	N	150	N	50	N	10
1d25048	10		100	N	40	N	10
1d25049	30		200	N	45	N	100
1d25051	<10		30	N	10	N	10
1d25052	20		100	N	35	<1	N
1d25053	N		100	N	10		10
1d25056	<10	N	20	N	15	N	10
1d25057	10	N	100	N	50	N	N
1d25058	<10	N	100	N	45	<1	10
1d25059	15	500	100	N	260	N	10
1d25060	<10	N	100	N	25	N	10
1d25061	<10	N	70	N	25	N	N
1d25062	10	N	100	N	40	N	10
1d25063	<10	N	150	N	45	N	N
1d25064	<10	N	100	N	20	N	10
1d25065	20	N	100	N	30	80	40
1d25066	20	N	70	N	40	30	10
1d25067	30	N	100	N	55	120	200
1d25068	50	N	200	N	45	3	10
1d25069	N	>10,000	<10	N	>2,000	>200	10
1d25070	N	>10,000	10	N	>2,000	>200	20
1d25071	N	15,000	<10	N	1,200	>200	200
1d25072	N	500	15	N	440	>200	180
1d25073	10	N	100	N	60	5	10
1d25074	10	N	100	N	20	3	10
1d25075	<10	N	30	N	10		
1d25076	15	3,000	50	N	>2,000	<1	10
1d25085	30	N	300	N	10	N	10
1d25086	15	N	200	N	20	N	20
1d25087	N	2,000	150	N	1	1	1
1d25088	20	N	70	N	20	N	20
1d25089	10	N	30	N	15	N	30
1d25090	50	<200	150	N	45	N	10
1d25091	15	N	200	N	35	N	20
1d25092	30	1,500	100	N	2,200	N	<1
1d25093	20		100	N	40	N	10
1d25094	30	N	70	N	30	N	30
1d25095	20	500	100	N	400	45	2,000
1d25096	10	N	50	N	20	4	10
1d25097	10	N	50	N	30	30	40
1d25098	15	N	50	N	35	80	30

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Anaconda=Pintlar Rock Data--continued

Sample	LAT	LONG	FE%	MG%	CA%	TI%	MN	AG	AS	AU	B	BA	BE
1d25099	45 58 53	113 33 8	15.00	.03	<.05	.010	700	.5	300	N	<10	>5,000	1.
1d251C0	45 53 53	113 33 9	5.00	.10	<.05	.300	100	2.0	200	N	50	>5,000	1.
1d251C1	45 58 53	113 33 8	7.00	.20	.10	.150	2,000	.5	300	N	200	1,500	2.
1d251C2	46 2 54	113 31 27	2.00	.10	<.05	.100	100	1.0	N	N	50	700	1.

Anaconda-Pintlar Rock Data--continued

Sample	BI	CD	CO	CR	CU	LA	MO	NB	NI	PB	SB	SC	SN	SR	V	W
1dz5099	N	N	20	10	300.0	20	70	N	20	70	<100	10	N	N	30	N
1dz5100	N	N	5	20	300.0	30	10	20	<5	100	200	5	N	<100	30	N
1dz5101	N	N	7	20	500.0	50	N	<20	10	20	N	7	N	N	50	N
1dz5102	N	N	5	10	70.0	20	N	<20	5	200	N	N	N	N	30	N

Anaconda=Pintlar Rock Data--continued

Sample	Y	ZN	ZR	TH	ZNWC	SBWC	ASWC
1dz5099	50	200	10	N	60	15	300
1dz5100	30	N	700	N	5	160	100
1dz5101	50	N	200	N	30	10	150
1dz5102	15	N	200	N	30	N	20