

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Coordinates for and analytical values of 322 rock,
327 stream sediment and soil, and 369 panned-concentrate samples
included in the Butte 1° x 2° quadrangle between the
latitudes of 46°00'00" and 46°30'00" N., and the
longitudes of 113°00'00" and 113°30'00" W.

by

W. L. Campbell, S. K. McDaniel, and R. T. Hopkins, Jr.

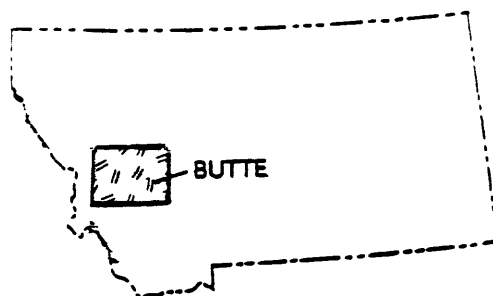
Open-File Report 82-617-~~G~~

1982

Chapter G

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

STUDY AREA



ANALYSES OF SAMPLES AVAILABLE AS OF JUNE, 1982

BUTTE 1°x2° CUSMAP QUADRANGLE

<p>B</p> <p>221 r 494 s 261 p</p>	<p>C</p> <p>109 r 377 s 237 p</p>	<p>D</p> <p>21 r 158 s 91 p</p>	<p>E</p> <p>43 r 19 p</p>	<p>47°00'</p>
<p>F</p> <p>486 r 711 s 784 p</p>	<p>G</p> <p>322 r 327 s 369 p</p>	<p>H</p> <p>78 r 275 s 220 p</p>	<p>I</p> <p>30 r 7 p</p>	<p>46°30'</p>
<p>114°00'</p>	<p>113°30'</p>	<p>113°00'</p>	<p>112°30'</p>	<p>112°00'</p>

FIGURE 1. Chart of samples analyzed and location
map of study area

CHAPTER G

LATITUDE 46°00'-46°30' LONGITUDE 113°00'-113°30'

TABLE 1. ROCK SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1° X 2° CUSMAP QUADRANGLE, MONTANA (continued)

SAMPLE	LATITUDE	LONGITUDE	S-FEX	S-MGX	S-CAX	S-TIX	S-MN	S-AG	S-AS	S-AU	S-B	S-BA	S-BE
ANT3375R	46 15 59	113 29 14	20.00	.30	.07	.150	1,000	.5	1,000	N	300	300	2.0
ANT3376R	46 15 59	113 29 14	10.00	.70	3.00	.150	1,500	N	N	N	300	300	3.0
ANT3377R	46 15 59	113 29 14	10.00	.15	.10	.100	300	.5	2,000	N	200	300	3.0
ANT3378R	46 15 59	113 29 14	1.50	.30	3.00	.200	300	N	N	N	100	300	1.5
ANT4358R	46 18 7	113 26 39	3.00	1.50	.20	.300	2,000	N	N	N	200	1,000	3.0
ANT4371R	46 18 58	113 25 1	.70	.02	.07	.007	10	1,500.0	1,000	N	<10	3,000	<1.0
ANT4372R	46 18 58	113 25 1	3.00	1.50	.15	.300	300	N	N	N	200	500	2.0
ANT4373R	46 18 59	113 25 0	3.00	1.00	.07	.300	300	5.0	N	N	150	300	2.0
ANT4374R	46 18 59	113 24 58	1.50	.07	<.05	.050	10	30.0	N	N	10	2,000	<1.0
ANT4375R	46 18 56	113 25 0	.30	<.02	.05	.015	10	1,000.0	700	N	<10	2,000	<1.0
ANT5337R	46 18 11	113 29 17	.70	.70	20.00	.150	300	N	N	N	N	200	1.0
ANT5338R	46 18 11	113 29 17	2.00	1.50	15.00	.200	300	N	N	N	<10	200	1.5
BK3726R	46 29 34	113 24 42	2.00	.02	.05	.005	20	150.0	3,000	N	10	1,500	1.0
BK3727R	46 29 34	113 24 42	1.00	.50	.07	.100	200	2.0	N	N	100	500	1.5
BK3729R	46 29 37	113 24 27	1.50	1.00	.07	.200	300	.7	N	N	150	500	2.0
CRP0148R	46 2 1	113 26 22	3.00	1.00	2.00	.500	700	N	N	N	300	2,000	2.0
CRP3408	46 1 8	113 22 38	2.00	2.00	2.00	.200	500	N	N	N	N	1,500	2.0
CRP5368R	46 2 24	113 25 47	.30	10.00	20.00	.015	300	N	N	N	20	<20	N
CRP5369R	46 2 25	113 25 49	1.50	.50	.70	.150	300	20.0	N	N	30	1,000	3.0
CRP5379R	46 4 3	113 24 59	.30	10.00	20.00	.010	150	N	N	N	70	N	<1.0
CRP5380R	46 4 3	113 24 59	.30	10.00	20.00	.015	200	N	N	N	100	N	N
E0014A	46 17 40	113 0 50	1.00	.50	2.00	.070	500	N	N	N	N	1,000	1.5
E0020B	46 10 45	113 3 10	>20.00	.20	.10	.020	150	7.0	700	N	N	50	7.0
E0021A	46 10 55	113 3 35	.50	.30	.20	.007	2,000	300.0	N	N	N	<20	1.0
E0021B	46 10 55	113 3 35	5.00	2.00	2.00	.010	700	300.0	200	N	N	<20	1.5
E0022A	46 10 15	113 7 0	>20.00	.15	7.00	.007	300	N	10,000	N	N	200	1.5
E0023A	46 10 10	113 6 40	10.00	<.02	.07	.020	50	<.5	N	N	<10	50	1.0
E0024A	46 10 10	113 6 30	.70	.02	1.00	.020	30	.5	N	N	<10	20	1.0
E0025A	46 10 0	113 6 30	.05	1.00	2.00	.005	70	1,500.0	N	N	N	20	1.0
E0025B	46 10 0	113 6 30	.05	3.00	7.00	.007	300	2,000.0	N	N	N	N	1.5
E0026A	46 12 20	113 5 55	.05	<.02	.30	<.002	<10	5,000.0	700	N	N	N	1.0
E0027A	46 12 3	113 5 58	10.00	5.00	5.00	.500	1,000	N	N	N	N	150	N
E0028A	46 12 35	113 8 15	.10	5.00	7.00	.003	300	30.0	N	N	N	N	1.0
E0028B	46 12 35	113 8 15	.50	.20	.20	.030	15	700.0	1,000	N	<10	<20	2.0
E0028C	46 12 35	113 8 15	.70	7.00	10.00	.020	500	150.0	200	N	10	30	5.0
E0028D	46 12 35	113 8 15	.50	7.00	10.00	.015	500	150.0	N	N	N	N	7.0
E0029A	46 13 55	113 11 55	>20.00	.50	10.00	.007	1,000	<.5	700	N	N	150	7.0
E0029B	46 13 55	113 11 55	>20.00	.30	.20	.150	2,000	1.5	700	N	300	1,000	7.0
E0030A	46 14 40	113 11 30	20.00	.50	<.05	.070	50	5.0	N	N	2,000	2,000	2.0
E0038A	46 20 48	113 4 17	.50	.07	.07	.050	30	1,500.0	2,000	N	10	<20	1.5
E0038B	46 20 48	113 4 17	.30	.02	.07	.005	<10	300.0	1,500	N	N	N	1.0
E0039A	46 21 55	113 5 8	.70	<.02	.10	.002	15	1,500.0	10,000	N	N	500	<1.0
E0039B	46 21 55	113 5 8	10.00	.03	<.05	.020	20	150.0	2,000	N	<10	20	1.0
E0040A	46 23 25	113 7 35	10.00	.50	5.00	.200	200	20.0	1,500	N	50	1,000	1.5
E0041A	46 23 25	113 7 20	5.00	.30	.07	.150	70	2,000.0	7,000	N	70	2,000	1.0

CHAPTER G

LATITUDE 46°00'-46°30' LONGITUDE 113°00'-113°30'

TABLE 1. ROCK SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1° X 2° CUSMAP QUADRANGLE, MONTANA (continued)

SAMPLE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR
ANT3375R	N	N	10	30	200	<20	N	N	15	50	N	10	N	N
ANT3376R	N	N	10	20	30	<20	N	N	15	20	N	10	N	N
ANT3377R	N	N	5	10	50	<20	N	N	10	30	N	7	N	N
ANT3378R	N	N	7	15	15	70	N	<20	15	10	N	7	N	N
ANT3358R	N	N	10	30	20	70	N	<20	15	<10	N	10	N	N
ANT4371R	N	300	N	<10	10,000	20	N	N	<5	10,000	10,000	N	30	N
ANT4372R	N	N	10	70	15	50	N	<20	20	10	N	10	N	N
ANT4373R	N	N	15	50	100	30	N	<20	30	150	<100	7	N	N
ANT4374R	N	N	<5	10	300	20	30	N	7	500	100	<5	N	N
ANT4375R	N	150	N	10	3,000	20	20	N	<5	10,000	3,000	N	30	N
ANT5337R	N	N	<5	15	15	20	N	N	5	20	N	5	N	10
ANT5338R	N	N	7	20	7	30	N	<20	15	20	N	7	N	30
BK3726R	500	N	<5	10	1,500	<20	N	N	5	200	3,000	N	50	N
BK3727R	N	N	5	20	150	20	N	N	5	50	N	5	N	30
BK3729R	N	N	7	20	200	30	N	N	15	70	N	5	N	50
CRP0148R	N	N	10	150	5	70	N	<20	30	20	N	10	N	100
CRP3408	N	N	7	100	20	30	N	N	30	50	N	7	N	50
CRP3368R	N	N	<5	10	<5	20	N	N	N	<10	N	<5	N	20
CRP3369R	N	N	<5	30	<5	30	N	<20	10	50	N	5	N	30
CRP3379R	N	N	N	N	20	20	N	N	<5	30	N	<5	N	10
CRP3380R	N	N	N	10	10	N	N	N	<5	10	N	N	N	10
E0014A	N	N	N	10	N	30	N	N	<5	30	N	<5	N	15
E0020B	50	N	N	30	500	N	N	N	10	700	<100	N	150	200
E0021A	N	>500	N	10	500	20	N	N	<5	>20,000	500	N	N	10
E0021B	20	500	N	10	>20,000	N	N	N	<5	20,000	1,500	N	N	10
E0022A	N	N	N	100	1,500	N	N	N	10	50	300	5	N	300
E0023A	N	N	N	10	30	<20	N	N	5	30	N	N	N	20
E0024A	N	N	N	50	30	50	N	N	5	50	N	N	N	30
E0025A	N	300	<5	10	7,000	20	N	N	5	20,000	2,000	N	N	70
E0025B	N	200	N	15	3,300	20	N	N	<5	20,000	700	N	N	10
E0026A	100	500	N	10	20,000	30	N	N	5	7,000	10,000	N	N	<10
E0027A	N	N	50	500	150	N	N	N	70	10	N	30	N	300
E0028A	N	N	N	10	150	20	N	N	<5	100	<100	N	N	10
E0028B	<10	200	<5	15	10,000	20	N	N	7	5,000	1,500	N	N	70
E0028C	100	N	N	15	10,000	20	N	N	20	70	1,000	N	N	30
E0028D	30	N	N	15	700	20	N	N	<5	50	200	<5	N	15
E0029A	N	N	N	20	70	20	N	N	5	30	N	N	N	10
E0029B	30	N	15	50	150	<20	N	N	50	70	N	5	N	70
E0030A	100	N	300	30	200	<20	N	N	70	15	N	N	N	50
E0038A	N	200	<5	10	7,000	20	N	N	5	7,000	1,500	N	N	15
E0038B	N	150	N	15	10,000	20	N	N	<5	15,000	2,000	N	N	<10
E0039A	>1,000	>500	N	10	20,000	20	N	N	5	7,000	5,000	N	100	15
E0039B	500	200	<5	20	5,000	20	10	N	5	7,000	2,000	N	700	15
E0040A	N	N	5	100	500	20	N	<20	30	700	100	10	N	150
E0041A	N	>500	N	70	>20,000	30	20	<20	10	20,000	10,000	<5	N	200

CHAPTER G

LATITUDE 46°00'-46°30' LONGITUDE 113°00'-113°30'

TABLE 1. ROCK SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°x2° CUSMAP QUADRANGLE, MONTANA (continued)

SAMPLE	S-W	S-Y	S-ZN	S-ZR	S-TH	AA-AU	AA-CU	AA-PB	AA-ZN	AA-AG	AA-CD	AA-BI	AA-SB
ANT3375R	N	50	N	150	N	--	77	16	5	1.48	.16	5.0	13
ANT3376R	N	30	N	100	N	--	21	5	7	.15	.08	3.0	8
ANT3377R	N	20	N	70	N	--	41	28	4	1.40	.35	7.0	31
ANT3378R	N	30	N	300	N	--	18	5	2	.66	N	2.0	6
ANT4358R	N	70	N	200	N	--	13	5	29	.05	.12	1.0	4
ANT4371R	N	N	1,000	N	N	.50	>1,000	>1,000	510	>100.00	45.70	1.0	>1,000
ANT4372R	N	30	N	300	N	--	8	2	14	<.05	N	1.0	1
ANT4373R	N	30	N	200	N	--	210	290	46	9.00	.43	1.0	50
ANT4374R	N	N	700	50	N	.20	210	450	130	31.50	1.60	N	47
ANT4375R	N	N	500	20	N	1.00	>1,000	>1,000	220	>100.00	55.00	2.0	>1,000
ANT5337R	N	15	N	50	N	--	10	10	50	.24	2.30	4.0	5
ANT5338R	N	20	N	100	N	--	3	2	4	.11	.95	2.0	3
BK3726R	N	N	300	N	N	--	60	121	300	64.02	.70	3.1	<1
BK3727R	N	15	<200	100	N	--	79	22	61	.67	.45	3.0	29
BK3729R	N	15	500	200	N	--	80	31	80	.13	1.00	1.0	7
CRP0148R	N	70	N	700	N	--	>2,000	>1,000	>1,000	>250.00	>10.00	1.0	>1,000
CRP3408	N	15	N	200	N	--	14	7	4	<.05	.15	3.0	4
CRP5368R	N	<10	N	N	N	--	<1	2	3	.09	.05	3.0	N
CRP5369R	N	10	N	150	N	--	11	18	11	2.48	.35	<1.0	N
CRP5379R	N	N	N	10	N	--	11	17	12	.06	.10	<1.0	N
CRP5380R	N	N	N	20	N	--	3	3	4	<.05	.15	<1.0	N
E0014A	N	10	N	150	N	--	--	--	--	--	--	--	--
E0020B	N	30	10,000	N	N	.48	--	--	--	--	--	--	--
E0021A	N	<10	>10,000	<10	N	.05	--	--	--	--	--	--	--
E0021B	<50	N	>10,000	N	N	.30	--	--	--	--	--	--	--
E0022A	N	30	N	N	N	<.05	--	--	--	--	--	--	--
E0023A	N	N	N	200	N	<.05	--	--	--	--	--	--	--
E0024A	N	30	N	20	N	<.05	--	--	--	--	--	--	--
E0025A	N	N	>10,000	10	N	.07	--	--	--	--	--	--	--
E0025B	N	N	>10,000	<10	N	<.05	--	--	--	--	--	--	--
E0026A	N	N	1,500	N	N	.50	--	--	--	--	--	--	--
E0027A	N	15	N	50	N	<.05	--	--	--	--	--	--	--
E0028A	N	N	N	<10	N	<.05	--	--	--	--	--	--	--
E0028B	50	N	1,000	30	N	.25	--	--	--	--	--	--	--
E0028C	N	N	<200	10	N	.16	--	--	--	--	--	--	--
E0028D	--	--	--	--	N	<.05	--	--	--	--	--	--	--
E0029A	N	20	N	N	N	4.50	--	--	--	--	--	--	--
E0029B	N	30	700	50	N	4.50	--	--	--	--	--	--	--
E0030A	N	10	<200	150	N	2.60	--	--	--	--	--	--	--
E0038A	N	N	3,000	30	N	.05	--	--	--	--	--	--	--
E0038B	N	N	>10,000	10	N	.25	--	--	--	--	--	--	--
E0039A	70	N	>10,000	N	N	.05	--	--	--	--	--	--	--
E0039B	100	N	>10,000	N	N	<.05	--	--	--	--	--	--	--
E0040A	N	15	3,000	70	N	<.05	--	--	--	--	--	--	--
E0041A	<50	15	7,000	70	N	.15	--	--	--	--	--	--	--

CHAPTER G

LATITUDE 46°00'–46°30' LONGITUDE 113°00'–113°30'

TABLE 1. ROCK SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°x2° CUSMAP QUADRANGLE, MONTANA (continued)

SAMPLE	LATITUDE	LONGITUDE	S-FEX	S-MGZ	S-CAZ	S-TIX	S-MN	S-AG	S-AS	S-AU	S-B	S-BA	S-BE
E0041B	46 23 25	113 7 20	7.00	.07	.10	.150	1,500	300.0	700	N	10	>5,000	1.0
E0042A	46 24 40	113 5 45	2.00	.10	<.05	.030	1,500	30.0	N	<10	20	500	2.0
E0042B	46 24 40	113 5 45	3.00	.20	<.05	.100	1,500	20.0	N	50	50	150	3.0
E0072A	46 5 5	113 4 50	.50	.07	.70	.020	70	1.0	N	N	N	1,500	1.5
E0072B	46 5 5	113 4 50	3.00	2.00	3.00	.500	1,000	N	N	N	N	700	1.0
E0073A	46 5 15	113 4 10	1.00	.30	1.00	.100	200	N	N	N	N	1,000	2.0
E0074A	46 4 40	113 3 15	.70	.50	1.00	.070	200	N	N	N	N	700	1.5
E0075A	46 3 55	113 9 35	3.00	.30	<.05	.200	3,000	<.5	200	N	20	150	3.0
E0076A	46 3 30	113 10 0	1.00	.20	.70	.070	300	N	N	N	N	700	5.0
E0079A	46 3 35	113 6 55	2.00	.50	.05	.150	300	N	200	N	N	150	1.5
E0079B	46 3 35	113 6 55	1.50	.30	.30	.150	300	1.0	200	N	10	700	3.0
E0080A	46 3 35	113 6 45	1.50	.70	1.50	.200	300	N	N	N	<10	1,000	2.0
E0082A	46 3 30	113 6 15	1.50	.30	.07	.150	70	10.0	200	N	N	300	7.0
E0083A	46 3 15	113 5 25	.50	.30	.70	.050	150	N	N	N	N	700	2.0
E0084A	46 3 10	113 4 50	5.00	.20	.05	.070	300	10.0	200	N	N	700	10.0
E0085A	46 1 30	113 15 10	.50	.30	.70	.070	300	N	N	N	<10	1,000	3.0
E0085B	46 1 30	113 15 10	1.50	.30	.50	.100	300	N	200	N	10	1,500	10.0
E0086A	46 0 35	113 14 25	.70	.15	1.00	.070	500	N	200	N	N	1,000	3.0
E0090A	46 0 45	113 23 25	1.00	.50	1.00	.100	200	N	N	N	N	1,000	2.0
E0090B	46 0 45	113 23 25	1.50	.70	1.50	.100	300	N	N	N	N	1,000	3.0
E0091A	46 0 15	113 21 40	1.00	.30	.50	.150	500	N	N	N	<10	500	3.0
E0092A	46 2 10	113 12 30	.30	.15	.50	.050	200	N	N	N	N	500	3.0
E0093A	46 4 20	113 14 40	7.00	5.00	7.00	.300	1,500	N	N	N	10	200	<1.0
E0094A	46 3 50	113 13 30	5.00	3.00	3.00	.300	1,000	N	N	N	10	1,500	1.0
E0095A	46 16 20	113 10 55	>20.00	.30	.05	.010	150	<.5	N	N	N	70	<1.0
E0095B	46 16 20	113 10 55	15.00	1.00	20.00	.010	5,000	N	N	N	N	200	1.0
E0096A	46 16 35	113 10 25	15.00	.07	.05	.010	700	1.5	N	N	70	50	<1.0
E0097A	46 12 35	113 14 0	>20.00	.30	.20	.100	>5,000	N	N	N	N	1,000	<1.0
E0097B	46 12 35	113 14 0	10.00	.10	.20	.007	700	3.0	700	N	100	50	<1.0
E0098A	46 12 45	113 14 15	20.00	.05	.10	.002	700	10.0	5,000	N	N	500	<1.0
E0098B	46 12 45	113 14 15	>20.00	.20	.10	.100	1,500	2.0	5,000	N	N	150	1.5
E0099A	46 25 20	113 3 50	3.00	.02	N	.015	50	.5	N	N	N	150	1.5
E0099B	46 25 20	113 3 50	1.50	1.00	1.50	.100	700	N	N	N	N	1,000	1.0
E0103A	46 16 25	113 2 55	.50	.20	1.00	.070	500	N	N	N	N	700	3.0
E0103B	46 16 25	113 2 55	1.50	.07	<.05	.030	>5,000	N	N	N	10	300	5.0
E0104A	46 17 40	113 4 30	.10	.05	N	.020	700	70.0	N	N	20	100	5.0
E0104B	46 17 40	113 4 30	1.00	.30	1.50	.150	300	N	N	N	100	1,000	2.0
E0105A	46 19 40	113 1 55	2.00	1.00	1.00	.500	1,000	N	N	N	N	700	1.0
E0108A	46 20 55	113 0 50	.70	.15	2.00	.070	500	N	N	N	N	1,500	3.0
E0109A	46 22 0	113 1 20	1.50	.70	1.50	.150	1,000	N	N	N	N	700	3.0
E0110A	46 23 5	113 1 10	1.50	1.00	1.50	.150	1,500	<.5	N	N	N	300	3.0
E0110B	46 23 5	113 1 10	.70	.05	<.05	.010	200	.5	200	N	N	70	2.0
E0111A	46 23 30	113 1 40	1.50	.10	<.05	.030	150	1.0	N	N	<10	150	3.0
E0112A	46 25 40	113 0 35	1.50	.70	2.00	.150	1,000	N	N	N	N	1,000	2.0
E0112B	46 25 40	113 0 35	2.00	.05	<.05	.020	70	10.0	200	50	N	70	1.5

CHAPTER G

LATITUDE 46°00'-46°30' LONGITUDE 113°00'-113°30'

TABLE 1. ROCK SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°x2° CUSMAP QUADRANGLE, MONTANA (continued)

SAMPLE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SM	S-SR	S-V
E0041B	N	100	5	15	5,000	30	N	<20	20	10,000	1,500	5	N	3,000	50
E0042A	20	N	5	<10	1,500	20	N	N	<5	3,000	100	N	N	N	20
E0042B	N	N	N	N	700	30	15	N	<5	10,000	<100	<5	N	N	200
E0072A	<10	N	<5	<10	<5	<20	N	N	<5	150	N	N	N	300	<10
E0072B	N	N	10	20	30	50	N	N	7	20	N	15	N	500	150
E0073A	N	N	<5	<10	<5	20	N	N	<5	20	N	5	N	700	10
E0074A	N	N	<5	<10	<5	<20	N	N	<5	30	N	<5	N	500	10
E0075A	N	N	7	70	50	20	N	N	15	700	N	5	N	N	50
E0076A	N	N	N	N	5	30	N	N	<5	20	N	<5	N	700	15
E0079A	N	N	7	30	20	20	N	N	15	50	N	5	N	N	15
E0079B	N	N	5	15	<5	N	N	N	15	70	N	5	N	300	20
E0080A	N	N	5	15	<5	<20	N	N	5	30	N	5	N	500	20
E0082A	30	N	N	15	<5	<20	N	N	5	150	N	5	N	200	20
E0083A	N	N	N	N	<5	<20	N	N	5	50	N	<5	N	300	10
E0084A	20	N	30	<10	70	<20	N	N	5	150	N	N	N	100	20
E0085A	N	N	<5	10	<5	20	N	N	<5	30	N	N	N	700	10
E0085B	15	N	N	<10	10	70	10	N	<5	30	N	<5	N	700	30
EP086A	N	N	N	<10	<5	20	N	N	<5	30	N	N	N	700	10
E0090A	N	N	<5	15	<5	100	N	N	5	30	N	<5	N	300	20
E0090B	N	N	<5	20	<5	150	N	N	5	30	N	5	N	500	20
E0091A	N	N	N	N	15	50	N	N	<5	30	N	<5	N	200	15
E0092A	N	N	N	N	<5	20	N	N	<5	30	N	N	N	300	10
E0093A	N	N	20	70	50	20	N	N	20	15	N	20	N	500	200
E0094A	N	N	15	70	50	20	N	N	15	20	N	20	N	700	200
E0095A	N	N	200	15	30	<20	N	N	150	30	N	N	N	N	20
E0095B	N	N	15	10	20	<20	N	N	5	10	N	N	N	N	20
E0096A	30	N	20	<10	50	<20	N	N	7	100	N	N	N	N	20
E0097A	N	N	N	<10	5	20	N	N	<5	30	N	N	N	N	20
E0097B	<10	N	7	<10	30	50	N	N	5	30	N	N	N	N	10
E0098A	200	N	N	10	700	20	N	N	<5	200	<100	N	N	N	70
E0098B	15	N	<5	20	200	20	N	N	5	20	1,000	N	N	N	150
E0099A	<10	N	N	<10	<5	N	2,000	N	<5	30	N	N	N	N	<10
E0099B	N	N	5	<10	20	30	N	N	<5	30	N	<5	N	700	15
E0103A	N	N	<5	<10	N	<20	N	N	<5	30	N	<5	N	500	10
E0103B	N	N	<5	20	20	20	N	N	<5	50	N	7	N	N	10
E0104A	N	N	N	<10	30	20	N	N	<5	500	100	N	N	N	<10
E0104B	N	N	5	20	<5	20	N	N	7	30	N	5	N	300	20
E0105A	N	N	5	10	<5	20	N	N	<5	30	N	5	N	500	15
E0108A	N	N	N	10	N	150	N	N	<5	30	N	<5	N	700	10
E0109A	N	N	<5	10	N	20	N	<20	<5	30	N	<5	N	700	15
E0110A	N	N	<5	N	<5	<20	N	<20	<5	30	N	<5	N	500	15
E0110B	100	N	N	10	30	<20	200	N	<5	20	N	N	N	<100	<10
E0111A	N	N	<5	N	15	<20	2,000	N	<5	100	N	N	N	N	10
E0112A	N	N	<5	N	N	30	N	N	<5	30	N	5	N	500	20
E0112B	200	N	N	<10	150	<20	10	N	<5	100	N	N	N	N	20

CHAPTER G

LATITUDE 46°00'-46°30' LONGITUDE 113°00'-113°30'

TABLE 1. ROCK SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1° X 2° CUSMAP QUADRANGLE, MONTANA (continued)

SAMPLE	S-W	S-Y	S-ZN	S-ZR	S-TH	AA-AU	AA-CU	AA-PB	AA-ZN	AA-AG	AA-CD	AA-BI	AA-SB
E00418	N	10	>10,000	30	N	.07	--	--	--	--	--	--	--
E0042A	N	N	3,000	30	N	14.00	--	--	--	--	--	--	--
E0042B	N	15	700	100	N	30.50	--	--	--	--	--	--	--
E0072A	N	30	N	<10	N	<.05	--	--	--	--	--	--	--
E0072B	N	20	N	150	N	<.05	--	--	--	--	--	--	--
E0073A	N	<10	N	70	N	<.05	--	--	--	--	--	--	--
E0074A	N	N	N	30	N	<.05	--	--	--	--	--	--	--
E0075A	N	10	3,000	200	N	<.05	--	--	--	--	--	--	--
E0076A	N	<10	N	70	N	<.05	--	--	--	--	--	--	--
E0079A	N	N	200	150	N	<.05	--	--	--	--	--	--	--
E0079B	N	N	500	70	N	<.05	--	--	--	--	--	--	--
E0080A	N	10	N	150	N	<.05	--	--	--	--	--	--	--
E0082A	100	N	N	70	N	<.05	--	--	--	--	--	--	--
E0083A	N	N	N	20	N	<.05	--	--	--	--	--	--	--
E0084A	N	N	N	100	N	<.05	--	--	--	--	--	--	--
E0085A	N	N	N	100	N	<.05	--	--	--	--	--	--	--
E0085B	N	<10	N	150	N	<.05	--	--	--	--	--	--	--
E0086A	N	10	N	50	N	<.05	--	--	--	--	--	--	--
E0090A	N	<10	N	100	N	<.05	--	--	--	--	--	--	--
E0090B	N	10	N	70	N	<.05	--	--	--	--	--	--	--
E0091A	N	<10	N	100	N	<.05	--	--	--	--	--	--	--
E0092A	N	10	N	50	N	<.05	--	--	--	--	--	--	--
E0093A	N	20	N	20	N	<.05	--	--	--	--	--	--	--
E0094A	N	20	N	70	N	<.05	--	--	--	--	--	--	--
E0095A	N	10	N	N	N	5.70	--	--	--	--	--	--	--
E0095B	N	15	N	N	N	2.60	--	--	--	--	--	--	--
E0096A	N	N	N	N	N	3.30	--	--	--	--	--	--	--
E0097A	N	<10	N	15	N	.10	--	--	--	--	--	--	--
E0097B	N	N	N	N	N	4.00	--	--	--	--	--	--	--
E0098A	N	10	N	N	N	3.20	--	--	--	--	--	--	--
E0098B	N	N	N	300	N	3.50	--	--	--	--	--	--	--
E0099A	N	N	N	<10	N	<.05	--	--	--	--	--	--	--
E0099B	N	10	N	100	N	<.05	--	--	--	--	--	--	--
E0103A	N	<10	N	70	N	<.05	--	--	--	--	--	--	--
E0103B	1,000	15	N	10	N	<.05	--	--	--	--	--	--	--
E0104A	200	N	N	10	N	<.05	--	--	--	--	--	--	--
E0104B	N	10	N	100	N	<.05	--	--	--	--	--	--	--
E0105A	N	15	N	50	N	<.05	--	--	--	--	--	--	--
E0108A	N	20	N	70	N	<.05	--	--	--	--	--	--	--
E0109A	N	<10	N	150	N	<.05	--	--	--	--	--	--	--
E0110A	N	<10	N	50	N	<.05	--	--	--	--	--	--	--
E0110B	N	N	N	10	N	<.05	--	--	--	--	--	--	--
E0111A	N	N	N	<10	N	.07	--	--	--	--	--	--	--
E0112A	N	15	N	150	N	<.05	--	--	--	--	--	--	--
E0112B	N	N	N	10	N	54.00	--	--	--	--	--	--	--

CHAPTER G

LATITUDE 46°00'-46°30' LONGITUDE 113°00'-113°30'

TABLE 1. ROCK SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1° X 2° CUSMAP QUADRANGLE, MONTANA (continued)

SAMPLE	LATITUDE	LONGITUDE	S-FEZ	S-MGX	S-CAZ	S-TIX	S-MN	S-AG	S-AS	S-AU	S-B	S-BA	S-BE
E0113A	46 24 40	113 4 55	1.50	.70	2.00	.100	1,000	N	N	N	N	1,000	2.0
E0114A	46 24 0	113 4 5	2.00	1.00	2.00	.150	1,000	N	N	N	N	1,500	2.0
E0115A	46 19 50	113 8 40	1.50	.70	1.50	.150	300	N	N	N	<10	1,000	2.0
E0121A	46 17 30	113 14 45	3.00	3.00	3.00	.150	1,000	N	N	N	<10	1,000	1.5
E0122A	46 16 50	113 11 5	2.00	1.00	2.00	.200	700	N	N	N	10	700	2.0
E0123A	46 17 35	113 7 35	15.00	.05	<.05	.002	70	1.5	200	N	N	30	<1.0
E0124A	46 16 10	113 11 50	5.00	2.00	7.00	.050	700	.5	N	N	30	70	1.0
E0124B	46 16 10	113 11 50	15.00	.70	.70	.070	300	5.0	N	50	30	100	1.0
E0124C	46 16 10	113 11 50	20.00	.30	.07	.050	500	5.0	N	100	N	100	<1.0
E0125A	46 11 40	113 14 15	3.00	2.00	3.00	.500	1,000	N	N	N	N	700	1.0
E0125B	46 11 40	113 14 15	10.00	1.00	3.00	.050	5,000	10.0	300	10	70	500	1.5
E0126A	46 12 0	113 12 55	3.00	1.50	3.00	.300	1,000	N	N	N	N	700	1.5
E0133A	46 3 20	113 2 5	1.00	.50	1.00	.100	300	5.0	200	N	N	700	3.0
E0134A	46 2 35	113 10 40	.50	.30	.50	.050	500	N	N	N	N	70	3.0
E0135A	46 3 45	113 14 25	3.00	2.00	3.00	.500	700	N	N	N	20	700	1.5
E0135B	46 3 45	113 14 25	5.00	3.00	3.00	.300	1,500	N	200	N	10	500	1.5
E0135C	46 3 45	113 14 25	3.00	3.00	15.00	.070	2,000	N	200	N	100	100	1.5
E0136A	46 0 15	113 19 20	1.50	.70	.70	.150	500	N	N	N	N	500	2.0
E0172A	46 29 54	113 5 40	7.00	.50	.30	.100	>5,000	15.0	N	N	N	200	2.0
E0172B	46 29 54	113 5 40	20.00	.10	.70	.030	1,000	3.0	N	N	N	30	<1.0
E0172C	46 29 54	113 5 40	10.00	.07	.07	.010	1,500	30.0	N	N	N	20	N
E0172D	46 29 54	113 5 40	3.00	.50	.20	.030	500	3.0	N	N	N	50	N
E0172E	46 29 54	113 5 40	10.00	.15	.20	.007	500	10.0	200	N	N	50	N
E0178A	46 25 20	113 16 43	2.00	.30	.07	.150	700	N	700	N	100	500	3.0
E0178B	46 25 20	113 16 43	3.00	.30	.07	.200	500	N	700	N	150	5,000	2.0
E0179A	46 25 30	113 16 33	3.00	.05	.10	.030	30	10.0	1,500	N	30	>5,000	2.0
E0180A	46 25 32	113 16 38	2.00	.15	.15	.050	50	.5	700	N	70	5,000	3.0
E0181A	46 26 32	113 15 36	1.50	2.00	3.00	<.002	300	700.0	500	N	N	>5,000	N
E0184A	46 29 35	113 24 41	1.50	.10	<.05	.050	50	15.0	700	N	15	1,000	<1.0
E0184B	46 29 35	113 24 41	7.00	.02	<.05	.003	30	200.0	7,000	N	N	1,000	<1.0
E0184C	46 29 35	113 24 41	10.00	.03	.05	.007	50	150.0	7,000	N	N	1,000	N
E0186A	46 16 46	113 10 12	1.50	.50	1.00	.200	500	10.0	N	N	20	2,000	<1.0
E0186B	46 16 46	113 10 12	5.00	.03	<.05	.015	150	2.0	N	N	N	30	N
E0187A	46 12 35	113 0 11	.50	<.02	.10	.005	500	N	N	N	N	N	5.0
E0188A	46 12 21	113 0 3	.50	<.02	.10	.007	300	N	N	N	N	N	2.0
E0188B	46 12 21	113 0 3	.50	<.02	.10	.003	300	N	N	N	N	N	3.0
E0202A	46 10 55	113 0 53	.30	.02	.15	.020	100	N	N	N	N	70	5.0
E0202B	46 10 55	113 0 53	.50	<.02	.15	.020	150	N	N	N	N	100	3.0
E0203A	46 10 59	113 1 7	.50	<.02	.15	.070	30	N	N	N	N	70	3.0
E0204A	46 11 10	113 0 23	.20	.15	.10	.007	300	2.0	N	N	N	50	1.0
E0204B	46 11 10	113 0 23	2.00	1.50	1.00	.050	700	7.0	N	N	N	200	3.0
E0206A	46 11 23	113 0 13	.20	<.02	.30	.050	10	N	N	N	N	20	5.0
E0206B	46 11 23	113 0 13	1.00	<.02	.20	.015	50	N	N	N	N	20	3.0
E0207A	46 11 22	113 0 10	.70	.02	.20	.050	300	N	N	N	N	70	3.0
E9116A	46 17 12	113 7 5	15.00	.20	5.00	.007	700	N	500	N	N	20	N

CHAPTER G

LATITUDE 46°00'–46°30' LONGITUDE 113°00'–113°30'

TABLE 1. ROCK SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°x2° CUSMAP QUADRANGLE, MONTANA (continued)

SAMPLE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR	S-V
E0113A	N	N	<5	10	<5	20	N	<20	<5	30	N	5	N	700	20
E0114A	N	N	<5	10	<5	30	N	N	<5	30	N	5	N	700	20
E0115A	N	N	<5	10	<5	20	N	N	<5	20	N	<5	N	500	30
E0121A	N	N	10	10	5	20	N	N	5	15	N	5	N	500	70
E0122A	N	N	<5	10	<5	20	N	N	<5	20	N	5	N	500	70
E0123A	10	N	150	10	5	<20	N	N	20	20	N	N	N	N	20
E0124A	<10	N	7	10	5	<20	15	N	5	<10	N	N	N	<100	30
E0124B	N	N	15	10	15	<20	20	N	15	10	N	N	N	N	70
E0124C	15	N	50	15	20	100	N	N	30	10	N	N	N	N	150
E0125A	N	N	10	10	<5	30	N	N	<5	15	N	7	N	500	100
E0125B	10	N	70	N	15,000	<20	N	N	5	<10	<100	5	N	N	15
E0126A	N	N	7	10	<5	50	N	N	<5	20	N	7	N	700	70
E0133A	15	N	N	10	50	20	15	N	<5	70	N	7	N	150	30
E0134A	N	N	N	10	<5	<20	N	N	<5	30	N	N	N	200	<10
E0135A	N	N	10	15	15	30	N	N	5	20	N	15	N	300	100
E0135B	N	N	10	50	20	30	N	N	15	10	N	15	N	200	70
E0135C	N	N	5	20	5	<20	N	N	7	20	N	5	N	200	70
E0136A	N	N	5	20	<5	30	N	N	5	30	N	5	N	300	20
E0172A	100	500	150	10	1,000	20	N	N	200	200	N	5	N	N	50
E0172B	<10	500	7	10	1,500	N	30	N	30	50	N	<5	N	N	20
E0172C	200	>500	10	10	10,000	N	N	N	5	150	N	N	N	N	10
E0172D	<10	300	5	N	2,000	<20	N	N	5	30	N	N	N	N	20
E0172E	N	>500	7	N	7,000	N	N	N	15	50	N	N	N	N	15
E0178A	N	N	10	10	30	20	N	N	20	20	<100	5	N	N	50
E0178B	N	N	7	20	20	20	<5	N	20	20	<100	5	N	N	50
E0179A	N	N	<5	15	200	<20	<5	N	10	150	500	N	N	150	20
E0180A	N	N	5	15	20	20	N	N	15	30	150	N	N	N	15
E0181A	300	N	N	<10	15,000	<20	N	N	N	500	2,000	N	N	3,000	<10
E0184A	100	N	<5	20	1,500	<20	N	N	5	500	100	N	N	N	15
E0184B	500	N	N	N	1,000	<20	N	N	<5	15,000	2,000	N	30	N	20
E0184C	700	N	N	10	700	<20	10	N	<5	10,000	1,000	N	30	N	10
E0186A	<10	N	7	10	7,000	30	N	N	<5	100	N	7	N	200	20
E0186B	100	N	5	10	70	<20	N	N	5	50	N	N	N	N	15
E0187A	N	N	N	<10	<5	<20	N	<20	<5	100	N	N	70	N	<10
E0188A	N	N	N	<10	<5	20	N	<20	<5	100	N	N	30	N	<10
E0188B	N	N	N	N	<5	20	N	30	5	150	N	N	15	N	<10
E0202A	N	N	N	10	<5	20	N	20	<5	70	N	N	N	N	<10
E0202B	N	N	N	10	10	<20	N	20	<5	50	N	N	N	N	<10
E0203A	N	N	N	10	<5	20	N	30	<5	70	N	N	<10	N	<10
E0204A	<10	N	N	<10	<5	<20	N	N	5	100	N	N	N	N	10
E0204B	10	N	<5	10	30	20	N	50	5	500	N	N	15	N	30
E0206A	N	N	5	10	<5	20	N	50	<5	50	N	<5	10	N	<10
E0206B	N	N	<5	<10	7	<20	7	70	5	50	N	N	N	N	<10
E0207A	N	N	N	N	7	20	10	70	<5	50	N	N	N	N	<10
E9116A	N	N	20	10	100	N	N	N	70	10	N	N	N	N	N

CHAPTER G

LATITUDE 46°00'-46°30' LONGITUDE 113°00'-113°30'

TABLE 1. ROCK SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°x2°CUSMAP QUADRANGLE, MONTANA (continued)

SAMPLE	S-W	S-Y	S-ZN	S-ZR	S-TH	AA-AU	AA-CU	AA-PB	AA-ZN	AA-AG	AA-CD	AA-BI	AA-SB
E0113A	N	15	N	200	N	<.05	--	--	--	--	--	--	--
E0114A	N	15	N	150	N	<.05	--	--	--	--	--	--	--
E0115A	N	10	N	70	N	<.05	--	--	--	--	--	--	--
E0121A	N	10	N	30	N	<.05	--	--	--	--	--	--	--
E0122A	N	20	N	50	N	<.05	--	--	--	--	--	--	--
E0123A	N	N	N	N	N	.30	--	--	--	--	--	--	--
E0124A	N	<10	N	15	N	3.10	--	--	--	--	--	--	--
E0124B	N	<10	N	15	N	45.60	--	--	--	--	--	--	--
E0124C	N	10	N	10	N	130.00	--	--	--	--	--	--	--
E0125A	N	20	N	150	N	<.05	--	--	--	--	--	--	--
E0125B	N	15	N	<10	N	4.70	--	--	--	--	--	--	--
E0126A	N	20	N	200	N	<.05	--	--	--	--	--	--	--
E0133A	N	N	N	50	N	<.05	--	--	--	--	--	--	--
E0134A	N	<10	N	20	N	<.05	--	--	--	--	--	--	--
E0135A	N	30	N	200	N	<.05	--	--	--	--	--	--	--
E0135B	N	20	N	150	N	<.05	--	--	--	--	--	--	--
E0135C	N	<10	N	30	N	<.05	--	--	--	--	--	--	--
E0136A	N	<10	N	50	N	<.05	--	--	--	--	--	--	--
E0172A	N	150	>10,000	50	N	<.05	--	--	--	--	--	--	--
E0172B	N	N	>10,000	<10	N	<.05	--	--	--	--	--	--	--
E0172C	N	N	>10,000	N	N	<.05	--	--	--	--	--	--	--
E0172D	500	<10	>10,000	<10	N	<.05	--	--	--	--	--	--	--
E0172E	N	N	>10,000	N	N	.05	--	--	--	--	--	--	--
E0178A	<50	20	<200	100	N	<5.00	--	--	--	--	--	--	--
E0178B	<50	15	<200	150	N	<5.00	--	--	--	--	--	--	--
E0179A	N	N	N	<10	N	.14	--	--	--	--	--	--	--
E0180A	700	N	N	100	N	<.05	--	--	--	--	--	--	--
E0181A	N	N	500	N	N	.40	--	--	--	--	--	--	--
E0184A	N	N	1,000	150	N	<.05	--	--	--	--	--	--	--
E0184B	50	N	700	N	N	.15	--	--	--	--	--	--	--
E0184C	N	200	700	20	N	.15	--	--	--	--	--	--	--
E0186A	N	15	N	100	N	.30	--	--	--	--	--	--	--
E0186B	N	N	N	15	N	<.05	--	--	--	--	--	--	--
E0187A	N	70	<200	150	N	<.05	--	--	--	--	--	--	--
E0188A	N	100	<200	70	N	<.05	--	--	--	--	--	--	--
E0188B	N	150	N	150	N	<.05	--	--	--	--	--	--	--
E0202A	N	30	N	70	N	<.05	--	--	--	--	--	--	--
E0202B	N	30	N	100	N	<.05	--	--	--	--	--	--	--
E0203A	N	100	N	200	N	<.05	--	--	--	--	--	--	--
E0204A	N	N	<200	N	N	<.05	--	--	--	--	--	--	--
E0204B	N	70	1,000	150	N	<.05	--	--	--	--	--	--	--
E0206A	N	30	N	100	N	.05	--	--	--	--	--	--	--
E0206B	N	70	N	150	N	<.05	--	--	--	--	--	--	--
E0207A	N	70	N	150	N	<.05	--	--	--	--	--	--	--
E9116A	N	N	N	N	N	.10	--	--	--	--	--	--	--

CHAPTER G

LATITUDE 46°00'-46°30' LONGITUDE 113°00'-113°30'

TABLE 1. ROCK SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1° X 2° CUSMAP QUADRANGLE, MONTANA (continued)

SAMPLE	LATITUDE	LONGITUDE	S-FEX	S-MGZ	S-CAZ	S-TIX	S-MN	S-AG	S-AS	S-AU	S-B	S-BA	S-BE
E9116B	46 17 12	113 7 5	20.00	.20	1.50	.002	1,000	N	N	N	N	100	N
E9116C	46 17 12	113 7 5	15.00	.15	5.00	.005	100	N	N	N	N	N	1.0
E9119A	46 17 17	113 7 7	5.00	.70	.10	.020	10	N	N	N	2,000	N	1.0
F81074R	46 19 0	113 14 34	2.00	.30	.20	.500	150	10.0	5,000	N	200	150	2.0
F81075R	46 19 0	113 14 34	1.50	1.00	2.00	.500	300	1.5	N	N	70	150	1.5
F81076R	46 18 48	113 13 58	2.00	.20	.10	.300	70	30.0	2,000	N	150	1,000	1.5
F81164R	46 19 50	113 8 41	1.00	.30	.70	.100	200	N	N	N	N	300	<1.0
F81165R	46 19 55	113 8 41	1.00	.05	<.05	.030	200	N	N	N	100	50	1.0
F81166R	46 20 0	113 8 41	1.00	.30	1.00	.100	200	N	N	N	<10	500	1.0
F81169R	46 19 28	113 9 0	1.50	.50	1.50	.150	300	N	N	N	<10	500	<1.0
F81172R	46 20 1	113 10 4	1.50	.50	1.00	.200	300	N	N	N	10	500	<1.0
F81173R	46 20 1	113 10 4	3.00	.20	N	.300	150	N	N	N	30	300	<1.0
F81174R	46 20 24	113 10 30	3.00	1.00	2.00	.300	500	N	N	N	10	500	<1.0
F81175R	46 20 36	113 10 23	2.00	1.00	2.00	.300	300	N	N	N	10	700	<1.0
F81176R	46 20 53	113 10 13	3.00	1.00	2.00	.200	500	N	N	N	10	500	<1.0
F81177R	46 21 41	113 10 0	3.00	1.00	2.00	.200	500	N	N	N	N	500	<1.0
F82483R	46 15 51	113 14 59	.70	.10	<.05	.070	20	N	N	N	300	300	1.0
F82484R	46 15 46	113 14 50	7.00	.20	.05	.100	100	N	N	N	150	1,000	3.0
F82486R	46 15 44	113 12 43	5.00	7.00	10.00	.500	1,000	N	N	N	200	1,500	1.5
F82487R	46 16 2	113 12 40	>20.00	.15	.05	.070	>5,000	1.5	200	N	10	500	5.0
F82488R	46 16 30	113 13 10	1.00	.10	<.05	.070	150	<.5	N	N	70	500	<1.0
F82489R	46 16 25	113 12 53	5.00	.20	<.05	.200	1,000	.5	N	N	150	200	5.0
F82490R	46 16 28	113 12 45	5.00	7.00	10.00	.300	700	N	N	N	10	30	1.0
F82491R	46 16 33	113 12 40	3.00	7.00	15.00	.300	500	N	N	N	N	20	1.0
F82492R	46 16 47	113 12 25	>20.00	.07	.10	.050	300	1.5	700	N	N	30	N
F82493R	46 17 14	113 11 53	2.00	7.00	10.00	.300	500	N	N	N	150	700	1.5
F82494R	46 17 40	113 12 21	.05	.02	.30	<.002	20	<.5	N	N	N	50	N
F83679R	46 19 53	113 8 3	.50	.10	.30	.030	70	N	N	N	10	100	<1.0
F83680R	46 20 16	113 7 59	1.00	.50	.70	.050	300	N	N	N	10	500	1.0
F83681R	46 20 30	113 8 0	.70	.20	.07	.070	300	N	N	N	50	150	<1.0
F83682R	46 22 21	113 7 42	N	2.00	20.00	.007	10	N	N	N	N	N	N
F86940R	46 20 57	113 8 18	2.00	.50	1.00	.100	300	N	N	N	<10	300	<1.0
F86941R	46 21 27	113 8 12	1.50	.50	1.50	.150	300	N	N	N	10	500	<1.0
F86942R	46 21 50	113 7 45	.70	.70	2.00	.200	300	N	N	N	10	500	<1.0
F86943R	46 21 56	113 7 45	.70	.70	1.50	.150	150	N	N	N	<10	500	<1.0
F86944R	46 22 3	113 7 42	5.00	2.00	3.00	.300	300	N	N	N	<10	300	<1.0
F86945R	46 22 8	113 7 42	.70	.15	.15	.100	150	N	N	N	<10	150	N
F86946R	46 22 44	113 7 42	<.05	<.02	<.05	.020	10	N	N	N	N	<20	N
GL0065R	46 13 0	113 17 18	3.00	1.50	.15	.500	150	2.0	N	N	200	500	2.0
GL1R	46 13 18	113 19 10	3.00	.50	1.00	.200	150	N	200	N	300	700	3.0
GL2R	46 13 18	113 19 10	3.00	1.50	.70	.500	500	N	N	N	300	700	2.0
GL3R	46 13 18	113 19 10	2.00	1.50	.15	.500	100	N	N	N	200	500	2.0
HN2001R	46 28 58	113 18 52	15.00	.02	.10	N	70	2.0	7,000	N	<10	20	1.0
HN3700R	46 29 12	113 15 48	15.00	.20	.70	.100	150	50.0	7,000	N	10	200	3.0
HN3701R	46 29 12	113 15 48	2.00	.50	.05	.200	150	1.5	700	N	100	700	3.0

CHAPTER G

LATITUDE 46°00'-46°30' LONGITUDE 113°00'-113°30'

TABLE 1. ROCK SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°x2° CUSMAP QUADRANGLE, MONTANA (continued)

SAMPLE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR	S-V
E9116B	N	N	15	<10	20	N	N	N	10	N	N	N	N	N	N
E9116C	N	N	5	<10	2,000	N	N	N	10	N	N	N	N	N	50
E9119A	<10	N	10	<10	20	300	N	N	5	N	N	N	20	N	15
FB1074R	N	N	5	10	20	50	15	N	5	300	150	10	N	N	70
FB1075R	N	N	<5	10	7	50	N	N	5	20	N	10	N	300	70
FB1076R	N	N	5	10	10	50	N	<20	7	150	100	7	N	N	70
FB1164R	N	N	<5	<10	<5	<20	N	N	<5	30	N	<5	10	300	20
FB1165R	N	N	<5	<10	5	20	N	N	<5	15	N	N	10	N	20
FB1166R	N	N	5	N	<5	20	N	N	<5	30	N	<5	10	300	20
FB1169R	N	N	5	<10	<5	30	N	N	<5	30	N	<5	10	300	30
FB1172R	N	N	5	<10	<5	50	N	N	<5	20	N	5	N	300	30
FB1173R	N	N	7	N	<5	50	N	N	<5	<10	N	<5	N	N	30
FB1174R	N	N	7	N	<5	50	N	N	<5	10	N	7	N	300	50
FB1175R	N	N	7	N	10	50	N	N	<5	15	N	10	N	300	50
FB1176R	N	N	7	<10	<5	30	N	N	<5	15	N	5	N	300	50
FB1177R	N	N	5	N	5	100	N	N	<5	15	N	5	N	500	50
FB2483R	N	N	15	20	<5	20	N	N	5	<10	N	<5	N	N	20
FB2484R	N	N	7	15	5	20	N	N	10	N	N	<5	N	700	20
FB2486R	N	N	15	70	7	50	N	N	20	70	N	15	N	150	70
FB2487R	50	N	15	15	70	<20	N	N	30	200	N	7	N	N	150
FB2488R	N	N	N	30	<5	<20	N	N	5	<10	N	<5	N	N	20
FB2489R	N	N	15	50	30	N	N	<20	15	<10	N	7	N	N	50
FB2490R	N	N	7	50	<5	<20	N	<20	10	N	N	10	N	N	70
FB2491R	N	N	7	50	5	30	N	<20	10	<10	N	7	N	N	50
FB2492R	15	N	150	10	1,000	>1,000	15	N	150	70	N	N	N	N	70
FB2493R	N	N	7	70	5	50	N	N	7	10	N	10	N	150	70
FB2494R	N	N	<5	N	<5	N	N	N	5	<10	N	N	N	N	<10
FB3679R	N	N	5	N	5	N	N	N	<5	30	N	N	N	N	<10
FB3680R	N	N	5	N	<5	20	N	N	<5	30	N	<5	N	300	10
FB3681R	N	N	N	N	<5	<20	N	N	<5	N	N	N	N	N	15
FB3682R	N	N	N	<10	<5	<20	N	N	N	20	N	N	N	200	<10
FB6940R	<10	N	5	N	<5	20	N	N	<5	20	N	<5	N	300	30
FB6941R	<10	N	7	N	5	30	N	N	<5	20	N	5	N	500	30
FB6942R	<10	N	5	N	<5	30	N	N	<5	10	N	5	N	300	30
FB6943R	<10	N	<5	<10	10	30	N	N	<5	<10	N	5	N	300	30
FB6944R	<10	N	10	100	20	<20	N	N	30	15	N	15	N	150	70
FB6945R	N	N	5	15	5	<20	N	N	15	20	N	<5	N	N	50
FB6946R	N	N	N	<10	<5	N	N	N	<5	N	N	N	N	N	<10
GL0065R	N	N	20	50	2,000	30	20	<20	30	50	N	7	N	N	50
GL1R	N	N	10	70	<5	30	N	N	20	20	N	15	N	300	70
GL2R	N	N	10	100	<5	50	N	N	30	20	N	15	N	N	70
GL3R	N	N	15	100	5	50	N	<20	30	20	N	15	N	100	70
HN2001R	100	N	5	<10	300	N	N	N	7	20	N	N	N	N	<10
HN3700R	70	N	10	100	150	N	N	N	50	150	<100	7	N	N	50
HN3701R	30	N	N	50	300	20	7	<20	10	20	N	7	N	N	50

CHAPTER G

LATITUDE 46°00'–46°30' LONGITUDE 113°00'–113°30'

TABLE 1. ROCK SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1° X 2° CUSMAP QUADRANGLE, MONTANA (continued)

SAMPLE	S-W	S-Y	S-ZN	S-ZR	S-TH	AA-AU	AA-CU	AA-PB	AA-ZN	AA-AG	AA-CD	AA-BI	AA-SB
E9116B	N	<10	N	N	N	N	--	--	--	--	--	--	--
E9116C	N	10	N	N	N	N	--	--	--	--	--	--	--
E9119A	N	20	N	100	N	.35	--	--	--	--	--	--	--
FB1074R	N	30	<200	200	N	--	5	26	7	2.10	N	N	23
FB1075R	N	30	N	150	N	--	5	8	22	.45	.06	N	2
FB1076R	N	20	1,000	70	N	--	3	56	N	6.40	15.80	N	26
FB1164R	N	<10	N	70	N	--	<1	4	2	<.05	<.05	2.0	N
FB1165R	N	<10	<200	20	N	--	1	7	130	<.05	-20	2.0	N
FB1166R	N	<10	N	50	N	--	<1	5	2	<.05	<.05	2.0	N
FB1169R	N	<10	N	70	N	--	<1	5	2	<.05	-10	4.0	N
FB1172R	N	15	N	70	N	--	2	5	6	<.05	.13	N	N
FB1173R	70	10	N	70	N	--	4	3	2	<.05	.07	N	N
FB1174R	N	10	N	50	N	--	1	5	3	<.05	.09	N	N
FB1175R	N	30	N	70	N	--	4	4	2	<.05	.07	N	N
FB1176R	N	20	N	70	N	--	1	2	4	<.05	.12	N	N
FB1177R	N	15	N	30	N	--	2	3	3	<.05	.07	N	N
FB2483R	N	10	N	70	N	--	1	4	N	N	<.05	N	N
FB2484R	N	10	N	150	N	--	1	14	13	N	.12	N	1
FB2486R	N	50	N	200	N	--	<1	195	14	<.05	-10	N	N
FB2487R	N	50	N	70	N	--	<1	195	22	1.26	.53	7.0	5
FB2488R	N	10	N	50	N	--	<1	2	1	<.05	18.00	N	N
FB2489R	N	20	N	200	N	--	9	3	2	.24	<.05	N	N
FB2490R	N	30	N	300	N	--	N	<1	6	N	.06	N	N
FB2491R	N	30	N	150	N	--	N	4	4	N	.06	N	N
FB2492R	N	20	N	N	N	--	1,000	46	10	1.36	.15	5.0	3
FB2493R	N	30	N	150	N	--	2	1	1	N	N	N	N
FB2494R	N	N	N	10	N	--	N	<1	<1	N	N	N	N
FB3679R	N	10	N	10	N	--	7	4	<1	.21	.10	N	N
FB3680R	N	<10	N	50	N	--	7	7	3	.22	.14	N	N
FB3681R	N	N	N	30	N	--	6	4	2	.17	.12	N	N
FB3682R	N	10	N	N	N	--	6	4	1	.23	.13	N	N
FB6940R	N	10	N	70	N	--	3	8	3	.07	.15	<1.0	N
FB6941R	N	10	N	70	N	--	3	6	3	.07	.15	<1.0	N
FB6942R	N	10	N	150	N	--	4	4	5	.05	.15	<1.0	N
FB6943R	N	15	N	70	N	--	8	2	2	.05	.15	<1.0	N
FB6944R	N	20	N	30	N	--	2	2	1	.07	.15	<1.0	N
FB6945R	N	<10	N	100	N	--	235	4	11	6.90	.86	N	10
FB6946R	N	N	N	20	N	--	26	1	<1	.50	.15	<1.0	<1
GL0065R	N	30	N	300	N	--	410	11	8	.59	.49	N	N
GL1R	N	30	N	150	N	.05	2	15	40	.07	.13	<.5	--
GL2R	N	50	N	300	N	<.05	2	12	20	<.05	<.05	<.5	--
GL3R	N	50	N	300	N	<.05	2	6	32	<.05	<.05	<.5	--
HN2001R	N	15	N	N	N	--	5	10	<1	.30	15.00	34.0	4
HN3700R	N	N	N	30	N	--	34	49	5	19.61	.10	15.0	9
HN3701R	N	30	N	200	N	--	30	3	17	.83	.45	5.0	N

CHAPTER G

LATITUDE 46°00'-46°30' LONGITUDE 113°00'-113°30'

TABLE 1. ROCK SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1° X 2° CUSMAP QUADRANGLE, MONTANA (continued)

SAMPLE	LATITUDE	LONGITUDE	S-FEX	S-MGZ	S-CAZ	S-TIX	S-MN	S-AG	S-AS	S-AU	S-B	S-BA	S-BE
HN3702R	46 29 12	113 15 48	1.50	.30	<.05	.200	30	N	N	N	100	500	2.0
HN3724R	46 26 52	113 22 18	1.50	1.00	.15	.200	300	10.0	N	N	100	500	2.0
MAX5868R	46 29 24	113 10 26	.30	.30	>.20.00	.030	50	<.5	N	N	50	200	<1.0
MAX5869R	46 29 24	113 10 26	.30	.02	.70	.020	150	N	N	N	<10	30	<1.0
MAX5870R	46 27 46	113 8 44	2.00	.05	.30	.020	3,000	1.5	N	N	30	500	1.0
MAX5873R	46 27 24	113 9 9	.70	.20	20.00	.030	70	<.5	N	N	<10	150	<1.0
MAX5874R	46 27 26	113 9 25	.15	<.02	1.00	.002	50	150.0	7,000	N	N	30	N
MAX5875R	46 27 26	113 9 25	.10	.02	.07	.030	<10	N	N	N	20	50	N
MAX5891R	46 25 33	113 13 48	.30	.30	.50	.150	200	N	N	N	200	500	1.5
MAX5892R	46 25 33	113 13 48	1.50	1.00	1.00	.200	700	N	N	N	150	700	1.5
MAX6915R	46 25 37	113 8 20	.15	.02	.30	.020	50	200.0	<200	N	50	20	<1.0
MAX6916R	46 25 37	113 8 20	.05	<.02	<.05	.015	15	5.0	N	N	<10	<20	N
MAX6917R	46 24 16	113 11 11	20.00	.07	.15	<.002	300	.7	1,000	N	N	100	N
MAX6918R	46 24 16	113 11 10	.50	7.00	20.00	<.002	1,500	N	N	N	N	700	N
MAX6919R	46 24 16	113 11 10	3.00	<.02	.07	<.002	200	N	N	N	20	1,500	N
PI1072R	46 27 35	113 3 52	3.00	2.00	7.00	.500	1,000	<.5	N	N	N	300	3.0
PI1083R	46 24 40	113 5 40	3.00	.50	.20	.200	500	10.0	N	N	70	500	5.0
PI1084R	46 24 40	113 5 40	2.00	.70	2.00	.200	1,000	N	N	N	N	1,500	1.5
PI1087R	46 24 40	113 5 40	.50	.02	<.05	<.002	150	10.0	200	N	N	30	N
PI1088R	46 24 40	113 5 40	2.00	.70	3.00	.200	>5,000	N	N	N	100	200	5.0
PI2008R	46 23 28	113 7 14	15.00	.15	7.00	.100	300	150.0	7,000	N	100	100	<1.0
PI2041R	46 24 40	113 5 40	1.50	.15	<.05	.070	2,000	3.0	N	N	70	150	2.0
PI2042R	46 24 40	113 5 40	1.50	.20	.70	.070	1,500	3.0	N	N	30	150	2.0
PI5876R	46 26 56	113 7 16	3.00	3.00	>20.00	.300	3,000	N	N	N	30	700	<1.0
PI6258R	46 25 24	113 1 47	3.00	1.00	3.00	.200	1,000	N	N	N	<10	1,000	1.5
PI6259R	46 25 36	113 2 11	1.50	.50	1.50	.100	500	N	N	N	<10	1,500	1.5
PI6260R	46 25 9	113 1 31	3.00	1.00	2.00	.200	700	N	N	N	10	1,500	1.5
PI6261R	46 24 45	113 0 20	2.00	1.00	1.50	.300	1,500	N	N	N	10	1,500	2.0
PI6308R	46 22 36	113 2 6	3.00	5.00	5.00	.700	300	N	N	N	100	300	1.0
PI6309R	46 22 35	113 2 1	3.00	3.00	7.00	.700	500	N	N	N	70	500	1.5
PI6310R	46 22 33	113 1 55	10.00	5.00	15.00	.700	1,000	N	N	N	<10	150	1.5
PI6311R	46 22 42	113 1 48	3.00	7.00	20.00	.300	1,000	N	N	N	<10	300	1.5
PI6312R	46 22 42	113 1 48	7.00	.20	<.05	.015	150	50.0	N	N	<10	50	5.0
PI6313R	46 22 42	113 1 48	5.00	.70	<.05	.070	700	5.0	N	N	N	100	7.0
PI6314R	46 22 42	113 1 48	1.00	.30	1.00	.100	700	.5	N	N	10	500	2.0
PI6317R	46 22 43	113 4 1	2.00	5.00	5.00	1.000	300	1.0	N	N	150	200	1.0
PI6319R	46 22 54	113 4 0	5.00	7.00	10.00	1.000	2,000	N	N	N	20	500	1.5
PI6320R	46 22 57	113 3 57	5.00	3.00	5.00	1.000	300	N	N	N	150	500	1.5
PI6322R	46 23 11	113 3 57	2.00	.70	2.00	.300	1,000	.5	N	N	<10	1,000	3.0
PI6324R	46 23 29	113 4 2	3.00	1.00	2.00	.300	2,000	2.0	N	N	15	1,000	5.0
PI6325R	46 23 29	113 4 2	.05	.02	<.05	.010	70	N	N	N	N	50	<1.0
PI6326R	46 23 7	113 1 27	1.50	.30	2.00	.150	700	N	N	N	N	700	2.0
PI6327R	46 23 3	113 1 15	1.50	.30	.70	.150	700	.7	N	N	N	1,000	7.0
PI6804R	46 26 32	113 4 32	3.00	1.00	1.00	.300	1,500	7.0	N	N	150	1,500	3.0
PI6805R	46 26 32	113 4 32	1.50	.50	.20	.150	1,000	1.0	N	N	<10	1,000	2.0

CHAPTER G

LATITUDE 46°00'-48°30' LONGITUDE 113°00'-113°30'

TABLE 1. ROCK SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1° X 2° CUSMAP QUADRANGLE, MONTANA (continued)

SAMPLE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR	S-V
HN3702R	<10	N	N	50	5	20	N	<20	5	10	N	7	N	N	50
HN3724R	N	N	7	50	70	30	N	<20	10	300	N	7	N	N	50
MAX5868R	N	N	N	500	10	700	N	N	30	150	N	N	N	1,000	500
MAX5869R	N	N	N	20	<5	<20	N	N	<5	70	N	N	N	N	15
MAX5870R	N	N	5	10	15	20	5	N	10	20	N	<5	N	N	50
MAX5873R	N	N	N	500	7	200	N	N	10	70	N	N	N	700	200
MAX5874R	30	N	N	20	150	<20	10	N	15	>20,000	700	N	10	N	2,000
MAX5875R	N	N	N	15	<5	<20	N	N	5	500	N	N	N	N	20
MAX5891R	N	N	7	50	300	20	N	N	5	50	N	<5	N	N	20
MAX5892R	N	N	5	50	7,000	50	N	N	7	50	N	7	N	N	50
MAX6915R	<10	N	<5	<10	700	N	N	N	5	1,000	200	N	N	N	<10
MAX6916R	<10	N	<5	N	10	N	N	N	<5	30	N	N	N	N	<10
MAX6917R	<10	N	5	<10	200	<20	N	N	<5	100	N	N	N	N	<10
MAX6918R	<10	N	N	<10	5	<20	N	N	N	20	N	N	N	100	<10
MAX6919R	<10	N	7	<10	70	N	N	N	5	30	N	N	N	N	<10
PI1072R	N	N	10	70	150	30	5	<20	30	20	N	10	N	500	150
PI1083R	N	N	<5	<10	500	30	7	<20	5	7,000	N	5	N	<100	30
PI1084R	N	N	5	<10	<5	50	N	<20	5	70	N	<5	N	1,000	30
PI1087R	N	N	N	<10	150	N	N	N	5	1,500	N	N	N	N	15
PI1088R	N	N	N	10	50	100	N	N	5	200	N	5	N	150	30
PI2008R	50	N	<5	100	2,000	<20	N	N	30	700	1,500	<5	N	1,500	70
PI2041R	N	N	<5	10	70	N	N	N	5	1,000	N	N	N	N	20
PI2042R	N	N	<5	<10	100	N	N	N	5	2,000	N	<5	N	N	15
PI5876R	N	N	10	70	30	20	10	N	30	70	N	10	N	500	150
PI6258R	N	N	5	<10	<5	30	N	<20	5	30	N	7	N	700	50
PI6259R	N	N	N	N	7	20	N	<20	5	30	N	5	N	500	20
PI6260R	N	N	5	N	30	50	N	N	5	30	N	5	N	300	30
PI6261R	N	N	5	N	50	30	N	<20	5	30	N	7	N	700	50
PI6308R	N	N	7	100	15	70	N	N	20	10	N	15	N	100	70
PI6309R	N	N	10	150	<5	70	N	<20	50	<10	N	15	N	1,000	150
PI6310R	N	N	20	150	7	100	N	<20	100	10	N	20	N	1,000	100
PI6311R	N	N	15	150	<5	30	N	N	50	10	N	10	N	2,000	50
PI6312R	700	N	7	10	200	N	50	N	5	300	N	N	N	N	20
PI6313R	50	N	5	15	50	N	50	N	10	30	N	<5	N	N	30
PI6314R	N	N	<5	<10	20	20	N	N	5	50	N	5	N	300	15
PI6317R	N	N	7	100	70	50	N	<20	30	30	N	10	N	300	100
PI6319R	N	N	15	150	100	70	N	<20	30	30	N	20	N	300	150
PI6320R	N	N	10	150	30	70	N	<20	30	30	N	20	N	300	200
PI6322R	20	N	<5	<10	30	70	N	N	<5	50	N	5	N	700	50
PI6324R	<10	N	5	<10	50	50	N	N	<5	70	N	7	N	700	70
PI6325R	N	N	N	<10	<5	<20	N	N	<5	<10	N	N	N	N	10
PI6326R	N	N	<5	<10	7	20	N	<20	5	50	N	5	N	700	20
PI6327R	20	N	N	15	20	30	<5	<20	<5	30	N	5	N	500	30
PI6804R	N	N	7	10	200	50	30	<20	5	7,000	N	7	N	300	70
PI6805R	N	N	<5	<10	30	<20	N	N	<5	100	N	<5	N	300	15

CHAPTER G

LATITUDE 46°00'-46°30' LONGITUDE 113°00'-113°30'

TABLE 1. ROCK SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°X2° CUSMAP QUADRANGLE, MONTANA (continued)

SAMPLE	S-W	S-Y	S-ZN	S-ZR	S-TH	AA-AU	AA-CU	AA-PB	AA-ZN	AA-AG	AA-CB	AA-BI	AA-SB
HN3702R	N	20	N	500	N	--	2	2	1	.22	.05	1.0	4
HN3724R	N	30	500	300	N	--	57	114	<1	3.57	.75	2.0	21
MAX5868R	N	700	N	70	N	--	3	60	22	.38	.17	<1.0	3
MAX5869R	N	10	N	30	N	--	<1	40	2	<.05	.24	<1.0	2
MAX5870R	N	10	N	30	N	--	7	9	17	.50	.43	<1.0	8
MAX5873R	N	300	<200	50	N	--	3	22	150	.43	2.90	<1.0	3
MAX5874R	N	10	3,000	<10	N	--	140	3,000	2,000	38.40	10.00	7.0	130
MAX5875R	N	N	N	30	N	--	1	2,000	13	.28	.27	<1.0	4
MAX5891R	N	15	N	300	N	--	300	16	14	.06	.20	<1.0	3
MAX5892R	N	20	N	300	N	--	700	13	15	<.05	.35	<1.0	<1
MAX6915R	N	N	300	20	N	--	600	1,000	200	175.00	15.00	<1.0	200
MAX6916R	N	N	N	50	N	--	25	30	13	1.99	.25	<1.0	4
MAX6917R	N	<10	N	N	N	--	82	100	6	1.80	.20	4.0	5
MAX6918R	N	N	N	N	N	--	9	10	20	.25	.65	<1.0	1
MAX6919R	N	N	N	N	N	--	104	20	13	.19	.20	<1.0	6
PI1072R	<50	30	N	200	N	--	15	11	4	.25	.25	N	2
PI1083R	N	15	500	150	N	--	360	>5,000	200	6.20	1.60	N	26
PI1084R	N	15	N	150	N	--	3	22	1	.10	<.05	N	1
PI1087R	N	N	N	<10	N	--	80	2,000	12	5.60	.15	N	7
PI1088R	N	20	500	150	N	--	10	150	113	.40	2.50	1.0	1
PI2008R	N	15	2,000	10	N	--	2,000	800	650	100.00	6.80	32.0	1,800
PI2041R	N	N	700	70	N	--	67	1,000	500	.60	5.10	1.0	2
PI2042R	N	N	N	100	N	--	100	2,000	74	1.55	1.00	N	14
PI5876R	N	20	N	70	N	--	4	20	38	<.05	1.20	<1.0	<1
PI6258R	N	20	N	200	N	--	<1	4	3	<.05	.10	<1.0	N
PI6259R	N	20	N	150	N	--	1	3	1	<.05	.10	<1.0	1
PI6260R	N	15	N	200	N	--	1	2	1	<.05	.10	<1.0	1
PI6261R	N	20	300	150	N	--	3	2	2	.07	.10	<1.0	1
PI6308R	N	30	N	300	N	--	2	1	<1	<.05	.10	<1.0	N
PI6309R	N	70	N	300	N	--	.1	1	<1	<.05	.15	<1.0	N
PI6310R	N	70	N	150	N	--	2	1	<1	<.05	.20	<1.0	N
PI6311R	N	30	<200	150	N	--	<1	2	3	.06	.25	1.0	N
PI6312R	200	N	200	10	N	--	73	197	84	28.16	.40	550.0	N
PI6313R	70	N	300	70	N	--	14	9	87	4.51	.45	34.0	1
PI6314R	N	15	N	50	N	--	4	5	9	.09	.20	<1.0	N
PI6317R	N	50	N	500	N	--	24	3	7	1.30	.30	<1.0	1
PI6319R	N	30	N	200	N	--	2	4	2	.09	.15	<1.0	1
PI6320R	N	50	N	200	N	--	2	4	6	.08	.20	<1.0	1
PI6322R	N	20	N	200	N	--	6	9	4	.07	.25	4.0	1
PI6324R	300	20	N	150	N	--	14	31	32	1.55	.55	2.0	1
PI6325R	N	N	N	10	N	--	1	1	1	<.05	.15	<1.0	1
PI6326R	N	10	N	150	N	--	1	1	11	<.05	.25	<1.0	1
PI6327R	N	10	200	150	N	--	4	3	26	.57	.15	13.0	1
PI6804R	<50	15	700	200	N	--	200	>5,000	600	2.43	1.60	4.0	13
PI6805R	N	10	N	50	N	--	14	24	19	.17	1.50	1.0	1

CHAPTER G

LATITUDE 46°00'–46°30' LONGITUDE 113°00'–113°30'

TABLE 1. ROCK SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°x2° CUSMAP QUADRANGLE, MONTANA (continued)

SAMPLE	LATITUDE	LONGITUDE	S-FEX	S-MGZ	S-CAZ	S-TIX	S-MM	S-AG	S-AS	S-AU	S-B	S-BA	S-BE
PI6812R	46 25 41	113 0 22	1.50	.70	2.00	.200	700	N	N	N	N	500	<1.0
PI6813R	46 25 41	113 0 22	.70	<.02	<.05	<.002	100	30.0	N	<10	N	50	N
PI6814R	46 25 40	113 0 40	1.50	.30	2.00	.150	300	N	N	N	N	500	1.0
PI6815R	46 26 8	113 0 52	1.50	.50	2.00	.200	500	N	N	N	N	500	<1.0
PI6816R	46 25 17	113 1 11	1.00	.20	2.00	.100	300	N	N	N	N	500	1.0
PI6817R	46 24 43	113 1 0	1.50	.50	2.00	.200	700	N	N	N	N	500	<1.0
PI8863R	46 28 44	113 6 22	5.00	2.00	.50	.500	150	.7	N	N	200	1,500	1.5
PI8864R	46 28 44	113 6 22	3.00	2.00	.50	.300	700	<.5	N	N	20	1,500	<1.0
PI8865R	46 28 44	113 6 22	3.00	1.00	20.00	.100	500	1.0	N	N	10	200	1.0
POT4394R	46 14 8	113 27 9	15.00	<.02	<.05	N	1,000	1.0	700	N	N	>5,000	N
POT4395R	46 14 8	113 27 9	2.00	1.50	3.00	.200	200	N	N	N	150	500	5.0
POT4396R	46 14 9	113 27 8	2.00	1.50	5.00	.150	200	N	N	N	100	300	2.0
POT1089R	46 20 47	113 4 16	.10	.10	.07	.050	<10	5.0	N	N	50	30	N
POT1090R	46 20 47	113 4 16	.50	.07	<.05	.015	30	30.0	200	N	<10	30	2.0
POT1091R	46 20 47	113 4 16	.20	.05	.05	<.002	10	2,000.0	1,500	N	<10	30	<1.0
POT1093R	46 20 47	113 4 16	1.00	.20	.10	.180	<10	78.0	N	N	50	30	1.5
POT1094R	46 20 42	113 4 23	3.00	2.00	10.00	.500	300	7.0	N	N	70	200	1.0
POT1096R	46 20 53	113 4 22	.10	5.00	>20.00	.010	30	N	N	N	N	N	N
POT1098R	46 21 55	113 5 10	.20	.07	.50	.010	20	150.0	3,000	N	30	200	1.0
POT1099R	46 21 55	113 5 10	15.00	.05	.05	.002	30	300.0	<200	N	N	30	1.0
POT2006R	46 21 57	113 5 7	2.00	1.50	2.00	.500	300	.7	N	N	10	1,000	1.5
POT3676R	46 20 28	113 6 57	2.00	1.50	2.00	.200	1,000	N	N	N	15	300	<1.0
POT3677R	46 20 7	113 7 9	1.50	.50	1.50	.150	500	N	N	N	10	500	1.0
POT3678R	46 19 51	113 7 28	2.00	.70	1.50	.200	500	N	N	N	10	500	<1.0
POT3599R	46 21 14	113 4 18	3.00	.30	.30	.200	70	N	N	N	200	300	<1.0
POT6270R	46 15 42	113 0 49	5.00	2.00	.07	.500	200	N	N	N	500	500	1.0
POT6271R	46 15 42	113 0 49	2.00	2.00	.07	.300	280	N	N	N	30	500	1.5
POT6272R	46 15 25	113 1 3	1.50	2.00	.10	.200	150	N	N	N	70	700	1.5
POT6300R	46 21 23	113 3 26	3.00	7.00	7.00	.300	1,500	N	N	N	N	500	1.5
POT6301R	46 21 52	113 3 26	5.00	2.00	7.00	.700	1,000	N	N	N	N	500	1.5
POT6302R	46 22 8	113 3 28	2.00	.50	.20	.500	200	N	N	N	70	500	1.5
POT6303R	46 22 12	113 3 7	.10	.07	.20	.005	50	N	N	N	N	50	N
POT6304R	46 22 12	113 3 7	.15	.03	<.05	.007	10	N	N	N	N	50	N
POT6305R	46 22 25	113 2 44	5.00	7.00	7.00	.700	1,000	<.5	N	N	500	2,000	1.5
POT6306R	46 22 25	113 2 42	5.00	3.00	2.00	.700	700	N	N	N	200	700	1.5
POT6315R	46 22 19	113 3 46	7.00	5.00	.30	1.000	700	N	N	N	70	1,500	<1.0
POT6316R	46 22 30	113 3 55	3.00	3.00	3.00	1.000	300	3.0	N	N	50	700	1.5
POT6826R	46 19 3	113 0 9	.20	.07	.20	.015	700	N	N	N	N	<20	1.0
POT6827R	46 19 5	113 0 16	5.00	2.00	3.00	.500	1,000	N	N	N	N	150	N
POT6828R	46 19 7	113 0 25	.70	.15	1.00	.050	300	N	N	N	N	150	1.5
POT6829R	46 19 23	113 0 50	.50	.15	.50	.050	300	N	N	N	<10	300	2.0
POT6830R	46 19 36	113 1 18	.70	.20	.50	.050	300	N	N	N	N	500	1.0
POT6831R	46 19 36	113 1 18	.15	<.02	N	N	<10	.7	N	N	N	<20	N
POT6832R	46 19 40	113 1 47	2.00	.70	.70	.300	300	N	N	N	N	500	<1.0
POT6833R	46 19 49	113 2 11	.50	.07	.10	.030	70	N	N	N	<10	300	1.0

CHAPTER G

LATITUDE 46°00'-46°30' LONGITUDE 113°00'-113°30'

TABLE 1. ROCK SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°X2° CUSMAP QUADRANGLE, MONTANA (continued)

SAMPLE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR	S-V
PI6812R	N	N	<5	N	<5	30	N	N	<5	30	N	<5	N	N	30
PI6813R	50	N	N	<10	500	N	<5	N	<5	30	N	N	N	N	<10
PI6814R	N	N	<5	N	N	50	N	N	<5	30	N	<5	N	N	20
PI6815R	N	N	<5	N	N	20	N	N	<5	30	N	<5	N	N	30
PI6816R	N	N	<5	N	<5	30	N	N	<5	30	N	<5	N	N	15
PI6817R	N	N	5	<10	<5	30	N	N	<5	30	N	5	10	500	20
PI8863R	N	N	7	150	7	30	N	<20	30	30	N	15	N	500	300
PI8864R	N	N	10	70	20	20	N	N	30	10	N	10	N	300	150
PI8865R	N	N	5	150	70	100	30	20	100	70	N	5	N	500	150
POT4394R	N	N	N	N	150	N	N	N	N	50	<100	N	N	300	N
POT4395R	N	N	5	30	5	20	N	<20	15	<10	N	7	N	N	50
POT4396R	N	N	7	30	5	30	N	<20	10	<10	N	7	N	N	30
POT1089R	N	N	<5	10	10	<20	N	N	10	20	N	N	N	N	15
POT1090R	30	20	N	15	700	<20	N	N	5	1,000	500	N	N	N	10
POT1091R	N	100	N	15	15,000	<20	5	N	5	>20,000	7,000	N	N	N	50
POT1093R	N	N	5	50	500	20	N	N	7	5,000	700	<5	N	N	100
POT1094R	N	20	<5	3,000	200	150	100	N	300	70	N	15	N	200	1,000
POT1096R	N	N	N	15	<5	N	N	N	<5	20	N	N	N	1,000	10
POT1098R	>1,000	20	<5	30	15,000	N	10	N	5	5,000	1,000	N	200	N	20
POT1099R	300	30	N	30	1,500	N	7	N	7	7,000	300	N	500	N	10
POT2006R	N	N	7	70	20	30	N	N	30	50	N	7	N	500	70
POT3676R	N	N	7	N	50	<20	N	N	<5	20	N	7	N	300	50
POT3677R	N	N	7	N	15	100	N	N	<5	30	N	5	N	500	30
POT3678R	N	N	10	N	5	50	N	N	<5	30	N	5	N	500	50
POT5399R	N	N	<5	70	10	20	<5	N	15	20	N	5	N	100	150
POT6270R	N	N	20	200	20	70	N	N	70	10	N	20	N	N	100
POT6271R	N	N	7	70	<5	30	N	<20	7	10	N	5	N	N	70
POT6272R	N	N	7	20	<5	30	N	N	15	10	N	5	N	N	50
POT6300R	N	N	10	100	70	30	N	N	30	20	N	15	N	300	100
POT6301R	N	N	15	100	100	100	N	<20	50	30	N	20	N	500	150
POT6302R	N	N	5	100	5	30	N	<20	5	10	N	7	N	150	150
POT6303R	N	N	N	20	<5	N	N	N	5	N	N	N	N	N	10
POT6304R	N	N	<5	10	<5	N	N	N	5	N	N	N	N	N	10
POT6305R	N	N	10	150	50	30	<5	<20	50	30	<100	15	N	300	150
POT6306R	N	N	15	150	50	50	N	N	50	30	N	20	N	100	150
POT6315R	N	N	15	100	50	20	N	N	70	20	N	20	N	150	300
POT6316R	20	N	10	100	70	70	10	<20	30	30	N	15	N	300	150
POT6826R	<10	N	<5	<10	<5	N	N	N	<5	30	N	N	N	N	N
POT6827R	<10	N	20	20	20	N	N	N	7	15	N	20	N	500	200
POT6828R	<10	N	N	<10	N	<20	N	N	<5	20	N	<5	N	500	10
POT6829R	<10	N	N	N	N	<20	N	N	<5	30	N	<5	N	500	<10
POT6830R	<10	N	N	N	<5	20	N	N	<5	30	N	<5	N	500	<10
POT6831R	<10	N	<5	N	5	<20	10	N	<5	10	N	N	N	N	<10
POT6832R	N	N	7	<10	<5	30	N	N	5	20	N	<5	N	700	30
POT6833R	N	N	N	N	<5	<20	N	N	<5	20	N	N	N	300	<10

CHAPTER G

LATITUDE 46°00'-46°30' LONGITUDE 113°00'-113°30'

TABLE 1. ROCK SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°x2° CUSMAP QUADRANGLE, MONTANA (continued)

SAMPLE	S-W	S-Y	S-ZN	S-ZR	S-TH	AA-AU	AA-CU	AA-PB	AA-ZN	AA-AG	AA-CD	AA-BI	AA-SB
PI6812R	N	10	N	50	N	--	<1	<1	24	<.05	.20	2.0	N
PI6813R	N	N	N	N	N	--	500	32	42	25.00	.15	67.0	N
PI6814R	N	10	N	100	N	--	<1	1	4	.12	.10	2.0	N
PI6815R	N	<10	N	70	N	--	<1	1	4	<.05	.05	2.0	N
PI6816R	N	10	N	100	N	--	<1	2	3	<.05	<.05	2.0	N
PI6817R	N	10	N	70	N	--	<1	1	4	<.05	.05	2.0	N
PI8863R	N	20	N	300	N	--	1	2	4	<.05	<.05	<1.0	N
PI8864R	N	15	N	100	N	--	1	<1	2	<.05	<.05	<1.0	N
PI8865R	N	150	200	200	N	--	37	18	92	.27	1.05	<1.0	2
POT4394R	N	N	N	N	N	1.20	53	54	3	3.58	.74	6.0	52
POT4395R	N	30	N	150	N	--	2	1	5	<.05	.06	1.0	2
POT4396R	N	20	N	150	N	--	2	1	2	1.05	.06	1.0	N
POT1089R	N	<10	N	70	N	--	7	8	5	.33	100.00	N	1
POT1090R	N	N	1,000	50	N	--	450	1,000	1,000	17.40	26.00	19.0	500
POT1091R	N	N	3,000	N	N	--	>5,000	>5,000	5,000	>1,000.00	56.00	1.0	>5,000
POT1093R	N	N	1,000	100	N	--	380	>5,000	1,000	20.30	3.85	N	1,000
POT1094R	N	300	1,500	200	N	--	58	42	350	2.10	27.00	1.0	4
POT1096R	N	10	N	10	N	--	<1	3	18	.21	.69	N	<1
POT1098R	<50	N	>10,000	N	N	--	>5,000	>5,000	>5,000	125.00	35.00	>1,000.0	1,000
POT1099R	300	N	>10,000	N	N	--	2,000	>5,000	>5,000	300.00	45.00	250.0	250
POT2006R	N	15	N	150	N	--	11	28	61	.77	.50	1.0	N
POT3676R	N	20	N	70	N	--	200	4	8	4.00	.52	N	N
POT3677R	N	15	N	70	N	--	11	4	3	.33	.15	N	N
POT3678R	N	10	N	100	N	--	8	3	3	.26	.14	N	N
POT3399R	N	15	N	200	N	--	5	3	3	<.05	.20	<1.0	N
POT6270R	N	20	N	70	N	--	2	3	1	<.05	.15	<1.0	1
POT6271R	N	30	N	500	N	--	1	3	<1	<.05	.10	<1.0	1
POT6272R	N	20	N	200	N	--	1	2	1	<.05	<.05	<1.0	1
POT6300R	N	20	N	100	N	--	1	4	<1	.07	.10	<1.0	N
POT6301R	N	50	N	200	N	--	23	4	<1	.10	.15	<1.0	N
POT6302R	N	20	N	300	N	--	3	2	<1	<.05	.15	<1.0	N
POT6303R	N	15	N	N	N	--	1	1	<1	<.05	.10	<1.0	N
POT6304R	N	N	N	15	N	--	1	<1	<1	<.05	.10	<1.0	N
POT6305R	N	30	N	200	N	--	1	9	14	.16	.25	<1.0	N
POT6306R	N	30	N	150	N	--	4	6	<1	.07	.15	<1.0	N
POT6315R	N	30	200	200	N	--	11	3	9	<.05	.25	<1.0	N
POT6316R	N	30	N	300	N	--	11	37	91	1.59	1.35	9.0	1
POT6826R	N	N	N	<10	N	--	2	3	2	<.05	.20	<1.0	N
POT6827R	N	10	N	20	N	--	9	4	5	.07	.15	<1.0	N
POT6828R	N	N	N	70	N	--	2	2	3	<.05	.10	<1.0	N
POT6829R	N	N	N	70	N	--	2	5	4	<.05	.15	<1.0	N
POT6830R	N	N	N	30	N	--	2	4	4	<.05	.15	<1.0	N
POT6831R	N	N	N	N	N	--	5	7	8	.83	.15	6.0	1
POT6832R	N	N	N	70	N	--	1	12	7	<.05	.15	2.0	N
POT6833R	N	N	N	30	N	--	1	6	2	<.05	<.05	2.0	N

CHAPTER G

LATITUDE 46°00'-46°30' LONGITUDE 113°00'-113°30'

TABLE 1. ROCK SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1° X 2° CUSMAP QUADRANGLE, MONTANA (continued)

SAMPLE	LATITUDE	LONGITUDE	S-FEX	S-MGX	S-CAZ	S-TIX	S-MN	S-AG	S-AS	S-AU	S-B	S-BA	S-BE
P026834R	46 20 21	113 2 12	.50	.10	.30	.050	200	N	N	N	N	300	1.0
P026835R	46 20 46	113 1 24	.70	.15	.70	.070	300	N	N	N	10	500	1.0
P026836R	46 21 4	113 0 32	5.00	3.00	2.00	1.000	700	N	N	N	N	300	<1.0
S0001A	46 4 5	113 29 15	.15	.07	<.05	.030	15	N	N	N	<10	200	<1.0
S0001B	46 4 5	113 29 15	.30	.07	<.05	.030	30	N	N	N	10	>5,000	1.0
S0002A	46 4 10	113 29 5	.70	.10	.05	.150	30	7.0	N	N	20	500	1.5
S0003A	46 4 15	113 28 55	.30	.07	.07	.070	100	5.0	N	N	20	2,000	2.0
S0004A	46 5 30	113 27 10	.30	.20	.05	.070	50	N	N	N	50	150	1.0
S0005A	46 4 35	113 28 10	.50	.15	<.05	.070	50	N	N	N	30	300	1.0
S0006A	46 2 20	113 25 55	2.00	3.00	5.00	.300	1,000	2.0	N	N	20	500	1.5
S0006B	46 2 20	113 25 55	.07	5.00	7.00	<.002	300	2.0	N	N	N	N	<1.0
S0006C	46 2 20	113 25 55	3.00	1.50	2.00	.200	5,000	10.0	N	N	50	700	7.0
S0006D	46 2 20	113 25 55	.30	.20	.50	.005	500	700.0	N	N	<10	20	<1.0
S0006E	46 2 20	113 25 55	1.50	.50	2.00	.200	300	7.0	N	N	50	700	5.0
S0012A	46 19 0	113 25 0	.70	<.02	.07	.007	1,000	2,000.0	1,000	N	N	1,500	1.0
S0027A	46 18 15	113 25 35	2.00	.20	<.05	.070	150	7.0	N	N	10	500	1.5
S0072A	46 16 0	113 29 15	7.00	1.00	7.00	.150	1,500	<.5	<200	N	200	150	3.0
S0073A	46 16 0	113 29 15	20.00	.30	.07	.150	700	3.0	3,000	N	150	150	2.0
SLV2082R	46 10 28	113 14 39	7.00	.20	7.00	.002	20	7.0	200	N	N	150	N
SLV2084R	46 12 0	113 13 0	15.00	5.00	15.00	.007	1,000	N	<200	N	N	N	N
SLV2085R	46 12 0	113 13 0	7.00	7.00	15.00	.002	700	2.0	<200	N	N	N	N
SLV2087R	46 12 28	113 13 49	>20.00	1.00	.07	.020	1,000	N	N	N	N	70	1.5
SLV2090R	46 12 34	113 12 59	20.00	.30	.20	.030	1,500	N	1,000	N	N	100	1.0
SLV2092R	46 12 35	113 14 11	>20.00	.30	.20	.070	2,000	N	3,000	N	N	200	1.0
SLV2525R	46 13 22	113 9 22	2.00	7.00	>20.00	.150	150	<.5	N	N	300	150	1.0
SQ3406R	46 0 28	113 21 55	2.00	1.00	5.00	.200	500	N	N	N	<10	1,000	5.0
SQ3407R	46 0 50	113 22 20	2.00	2.00	2.00	.200	500	N	N	N	N	1,000	3.0
SQ3409R	46 1 40	113 22 1	1.00	3.00	10.00	.150	500	N	N	N	<10	700	1.0
SQ3410R	46 2 13	113 21 25	1.50	7.00	10.00	.300	300	<.5	N	N	500	500	1.5
SQ3411R	46 2 27	113 21 28	2.00	5.00	2.00	.200	150	5.0	N	N	150	500	2.0
SQ3412R	46 1 45	113 18 12	3.00	1.00	<.05	.200	150	1.5	N	N	100	3,000	5.0
SQ3413R	46 2 15	113 18 13	1.50	3.00	10.00	.150	500	N	N	N	50	300	1.5
SQ3414R	46 2 26	113 18 44	3.00	5.00	3.00	.500	700	N	N	N	<10	1,000	1.5
SQ3415R	46 1 13	113 19 22	3.00	1.00	.10	.500	150	N	N	N	200	700	2.0
SQ3416R	46 3 53	113 20 3	1.50	10.00	20.00	.015	500	N	N	N	N	<20	N
SQ3417R	46 4 5	113 20 9	N	.30	20.00	N	10	N	N	N	N	N	N
SQ3418R	46 3 32	113 16 57	1.50	1.00	.30	.200	300	N	N	N	150	1,500	1.5
SQ3419R	46 3 37	113 17 23	2.00	3.00	3.00	.300	500	N	N	N	<10	1,000	1.5
SQ3420R	46 3 59	113 17 50	3.00	7.00	15.00	.200	700	N	N	N	150	300	1.5
SQ3421R	46 4 25	113 18 22	5.00	5.00	1.50	.500	700	N	N	N	200	700	2.0
SQ3422R	46 4 39	113 18 23	.70	.30	<.05	.015	100	N	N	N	15	500	1.0
SQ3423R	46 5 23	113 18 38	1.50	.05	<.05	.005	100	N	N	N	100	20	<1.0
SQ3424R	46 5 40	113 18 32	1.50	.20	.20	.150	30	150.0	<200	N	10	150	1.0
SQ3425R	46 0 26	113 21 41	2.00	1.00	1.00	.200	1,000	N	N	N	N	1,500	5.0
SQ6251R	46 6 26	113 16 7	3.00	1.50	10.00	.200	500	500.0	700	N	<10	1,500	1.5

CHAPTER G

LATITUDE 46°00'–46°30' LONGITUDE 113°00'–113°30'

TABLE 1. ROCK SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°x2° CUSMAP QUADRANGLE, MONTANA (continued)

SAMPLE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR	S-V
P026834R	N	N	N	N	<5	<20	N	N	<5	30	N	<5	N	500	<10
P026835R	N	N	<5	<10	N	20	N	N	<5	30	N	N	N	500	<10
P026836R	N	N	15	200	20	20	N	N	50	10	N	10	N	500	100
S0001A	N	N	<5	10	<5	20	N	N	5	15	N	N	N	N	<10
S0001B	N	N	N	20	200	20	N	N	<5	15	N	N	N	700	15
S0002A	N	N	N	15	3,000	30	N	N	5	20	N	<5	N	N	20
S0003A	20	N	N	10	15,000	20	N	N	5	20	N	<5	N	N	20
S0004A	N	N	N	10	30	20	N	N	7	10	N	<5	N	N	15
S0005A	N	N	N	<10	30	<20	N	N	5	20	N	N	N	N	10
S0006A	N	N	15	300	30	30	N	N	100	30	N	10	N	<100	70
S0006B	N	150	N	10	15	20	N	N	N	50	N	N	N	N	15
S0006C	N	N	7	30	150	70	N	N	50	500	150	15	N	N	100
S0006D	N	200	N	15	700	20	N	N	5	7,000	700	N	N	N	<10
S0006E	N	N	5	30	5	30	N	N	10	70	N	<5	N	N	50
S0012A	<10	500	5	<10	15,000	20	N	N	5	15,000	7,000	N	20	N	<10
S0027A	300	N	7	20	200	<20	N	N	10	200	N	<5	N	N	20
S0072A	N	N	7	50	10	20	N	N	20	50	N	7	N	N	30
S0073A	N	N	7	50	70	<20	N	N	15	30	N	7	N	N	50
SLV2082R	15	N	<5	N	20	<20	N	N	5	50	N	N	N	N	30
SLV2084R	N	N	30	<10	150	<20	N	N	<5	20	N	10	N	N	15
SLV2085R	N	N	15	N	10,000	30	N	N	<5	<10	N	10	N	N	10
SLV2087R	N	N	50	N	15	N	N	N	10	50	N	N	N	N	20
SLV2090R	N	N	5	<10	70	<20	N	N	7	15	N	N	N	N	20
SLV2092R	N	N	N	N	700	<20	N	N	5	15	<100	N	N	N	50
SLV2525R	N	N	10	70	5	30	N	N	30	50	N	7	N	100	70
SQ3406R	N	N	5	15	<5	100	N	N	7	50	N	5	N	300	30
SQ3407R	N	N	7	70	100	30	N	N	20	30	N	5	N	500	50
SQ3409R	N	N	<5	20	<5	20	N	N	10	20	N	5	N	N	30
SQ3410R	N	N	10	30	100	100	N	N	20	20	N	10	N	N	50
SQ3411R	N	N	7	50	20	20	N	20	15	10	N	7	N	N	50
SQ3412R	N	N	10	50	<5	20	N	N	7	10	N	7	N	N	30
SQ3413R	N	N	7	20	70	20	N	N	10	30	N	7	N	N	30
SQ3414R	N	N	15	300	5	30	N	N	100	30	N	15	N	500	100
SQ3415R	N	N	7	70	<5	50	N	<20	15	<10	N	10	N	N	100
SQ3416R	N	N	<5	10	5	20	N	N	5	15	N	<5	N	<100	10
SQ3417R	N	N	N	<10	<5	<20	N	N	N	20	N	N	N	150	<10
SQ3418R	N	N	7	50	20	30	N	N	7	30	N	5	N	N	30
SQ3419R	N	N	10	150	15	30	N	N	70	20	N	7	N	700	70
SQ3420R	N	N	7	50	15	50	N	N	15	20	N	7	N	N	50
SQ3421R	N	N	7	70	150	50	N	N	30	30	N	15	N	N	70
SQ3422R	N	N	N	10	N	20	N	N	<5	10	N	<5	N	N	10
SQ3423R	N	N	<5	10	<5	<20	N	N	15	N	N	N	N	N	10
SQ3424R	N	N	<5	20	1,500	20	N	<20	10	50	500	N	N	N	30
SQ3425R	N	N	5	15	<5	70	N	N	7	50	N	<5	N	500	30
S06251R	N	N	7	15	7,000	20	N	<20	7	7,000	1,500	5	N	300	70

CHAPTER G

LATITUDE 46°00'-46°30' LONGITUDE 113°00'-113°30'

TABLE 1. ROCK SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°X2° CUSMAP QUADRANGLE, MONTANA (continued)

SAMPLE	S-W	S-Y	S-ZN	S-ZR	S-TH	AA-AU	AA-CU	AA-PB	AA-ZN	AA-AG	AA-CD	AA-SB
P026834R	N	N	N	50	N	--	<1	4	4	<.05	<.05	2.0
P026835R	N	10	N	20	N	--	<1	4	3	<.05	.05	2.0
P026836R	N	15	N	100	N	--	8	4	6	<.05	.15	2.0
S0001A	N	30	N	150	N	<.05	--	--	--	--	--	--
S0001B	N	15	N	100	N	<.05	--	--	--	--	--	--
S0002A	N	20	N	150	N	<.05	--	--	--	--	--	--
S0003A	N	15	N	100	N	<.05	--	--	--	--	--	--
S0004A	N	<10	N	150	N	<.05	--	--	--	--	--	--
S0005A	N	N	N	100	N	<.05	--	--	--	--	--	--
S0006A	N	15	N	100	N	<.05	--	--	--	--	--	--
S0006B	N	N	1,000	N	N	<.05	--	--	--	--	--	--
S0006C	N	70	1,000	150	N	<.05	--	--	--	--	--	--
S0006D	N	N	10,000	N	N	<.05	--	--	--	--	--	--
S0006E	N	10	N	150	N	<.05	--	--	--	--	--	--
S0012A	N	N	3,000	N	N	<.05	--	--	--	--	--	--
S0027A	N	10	1,000	70	N	.75	--	--	--	--	--	--
S0072A	<50	30	N	100	N	.20	--	--	--	--	--	--
S0073A	N	20	N	150	N	.40	--	--	--	--	--	--
SLV2082R	N	N	N	N	N	--	4	80	5	1.85	.10	2.0
SLV2084R	N	150	N	N	N	--	21	24	11	.20	.15	1.0
SLV2085R	N	100	N	N	N	--	150	11	9	.33	.10	1.0
SLV2087R	N	10	N	N	N	--	2	20	24	.08	.10	<1.0
SLV2090R	N	<10	N	<10	N	--	9	<1	5	.29	.20	1.0
SLV2092R	N	<10	N	30	N	--	600	2	18	.74	.15	1.0
SLV2525R	N	15	N	100	N	--	3	16	3	.30	.25	2.0
SQ3406R	N	<10	N	150	N	--	1	3	5	<.05	.15	1.0
SQ3407R	N	10	N	100	N	--	90	3	5	<.05	.15	<1.0
SQ3409R	N	20	N	150	N	--	5	4	1	.08	.29	<1.0
SQ3410R	N	30	N	300	N	--	65	10	11	.40	.36	2.0
SQ3411R	N	10	N	100	N	--	14	3	4	<.05	.26	1.0
SQ3412R	N	20	N	200	N	--	2	2	1	1.30	.30	1.0
SQ3413R	N	20	N	150	N	--	9	16	2	.15	.19	<1.0
SQ3414R	N	15	N	100	N	--	3	6	9	<.05	.25	1.0
SQ3415R	N	30	N	300	N	--	<1	2	2	<.05	.13	<1.0
SQ3416R	N	10	N	N	N	--	2	2	5	.05	<.05	<1.0
SQ3417R	N	10	N	N	N	--	2	8	9	<.05	.38	3
SQ3418R	N	30	N	300	N	--	8	15	6	.05	.52	2
SQ3419R	N	10	N	100	N	--	9	5	19	<.05	.25	<1.0
SQ3420R	N	30	N	200	N	--	8	7	11	<.05	.15	<1.0
SQ3421R	N	30	N	200	N	--	99	9	4	.07	.15	<1.0
SQ3422R	N	<10	N	70	N	--	1	3	<1	<.05	.05	<1.0
SQ3423R	N	N	N	10	N	--	1	3	1	<.05	.05	<1.0
SQ3424R	N	N	200	100	N	--	1,000	21	200	160.00	1.50	<1.0
SQ3425R	N	10	N	150	N	--	1	5	20	<.05	.20	1
SQ6251R	200	15	200	100	N	--	10	<1	<1	<.05	10.50	<1.0

CHAPTER G

LATITUDE 46°00'-46°30' LONGITUDE 113°00'-113°30'

TABLE 1. ROCK SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°x2° CUSMAP QUADRANGLE, MONTANA (continued)

SAMPLE	LATITUDE	LONGITUDE	S-FEX	S-MGX	S-CAZ	S-TIX	S-MN	S-AG	S-AS	S-AU	S-B	S-BA	S-BE
SQ6252R	46 6 26	113 16 7	1.50	10.00	15.00	.100	500	<.5	N	N	15	150	N
SQ6253R	46 6 49	113 15 29	.05	7.00	>20.00	N	1,500	N	N	N	N	N	N
WE3642R	46 14 23	113 6 35	.70	.70	20.00	.005	150	700.0	N	N	N	<20	N
WE6273R	46 14 44	113 1 7	5.00	7.00	7.00	.300	700	N	N	N	150	1,000	1.0
WE6274R	46 14 44	113 0 39	.15	10.00	20.00	.002	150	N	N	N	N	N	N
WE6275R	46 14 44	113 0 39	2.00	10.00	>20.00	.030	1,500	N	N	N	N	20	1.0
WE6276R	46 13 47	113 1 55	.20	.30	.50	.200	50	N	N	N	70	70	N

CHAPTER G

LATITUDE 46°00'–46°30' LONGITUDE 113°00'–113°30'

TABLE 1. ROCK SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1° X 2° CUSMAP QUADRANGLE, MONTANA (continued)

SAMPLE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SM	S-SR	S-V
SQ6252R	N	N	<5	20	10	20	30	<20	7	20	N	<5	N	N	15
SQ6253R	N	N	N	N	<5	N	N	N	N	10	N	N	N	300	10
WE3642R	20	N	N	N	20,000	<20	N	N	<5	20	500	N	N	300	10
WE6273R	N	N	15	100	<5	50	N	N	50	20	N	20	N	150	100
WE6274R	N	N	N	<10	<5	20	N	N	N	N	N	N	N	N	10
WE6275R	N	N	30	15	150	20	N	N	20	15	N	<5	N	300	15
WE6276R	N	N	N	50	10	70	N	N	5	10	N	N	N	N	20

CHAPTER G

LATITUDE 46°00'–46°30' LONGITUDE 113°00'–113°30'

TABLE 1. ROCK SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1° X 2° CUSMAP QUADRANGLE, MONTANA (continued)

SAMPLE	S-W	S-Y	S-ZN	S-ZR	S-TH	AA-AU	AA-CU	AA-PB	AA-ZN	AA-AG	AA-CD	AA-BI	AA-SB
SQ6252R	N	15	N	200	N	--	6	8	1	.46	<.05	<1.0	1
SQ6253R	N	N	N	N	N	--	2	2	2	.14	.05	1.0	1
WE3642R	N	10	500	N	N	--	>5,000	10	500	575.00	15.00	3.0	500
WE6273R	N	50	N	150	N	--	1	3	1	.20	.05	<1.0	1
WE6274R	N	N	N	N	N	--	55	6	7	.35	.25	1.0	1
WE6275R	N	15	N	10	N	--	1	4	7	.24	.10	1.0	2
WE6276R	N	30	N	300	N	--	10	10	3	.67	.10	<1.0	2

CHAPTER G

LATITUDE 46°00'-46°30' LONGITUDE 113°00'-113°30'

TABLE 2.PAN-CONCENTRATE SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°x2°CUSMAP QUADRANGLE, MONTANA(continued)

SAMPLE	LATITUDE	LONGITUDE	S-FEX	S-MGZ	S-CAZ	S-TIZ	S-MN	S-AG	S-AS	S-AU	S-B	S-BA	S-BE
ANT3233P	46 22 19	113 29 42	5.0	.30	.70	.70	2,000	N	N	N	200	1,000	5.0
ANT3359P	46 21 9	113 28 6	.3	.15	.70	.10	200	5.0	N	N	20	>10,000	N
ANT3359P	46 21 9	113 28 6	1.0	.70	.30	.15	200	N	N	N	100	500	1.0
ANT3361P	46 21 13	113 28 43	.5	.30	.30	.20	50	N	N	N	150	>10,000	<2.0
ANT3361P	46 21 13	113 28 43	1.0	.70	.30	.15	100	N	N	N	150	200	1.0
ANT3367P	46 15 22	113 27 15	5.0	.50	3.00	.50	700	N	N	N	200	3,000	N
ANT3367P	46 15 22	113 27 15	.7	.70	1.50	.10	200	N	N	N	100	150	<1.0
ANT3369P	46 15 43	113 27 39	.7	.50	1.00	.30	<20	N	N	N	150	1,500	<2.0
ANT3369P	46 15 43	113 27 39	.2	.20	3.00	.03	70	N	N	N	30	70	N
ANT3371P	46 15 49	113 27 43	1.0	.70	7.00	.30	>10,000	N	N	N	150	>10,000	N
ANT3371P	46 15 49	113 27 43	.7	.70	5.00	.10	500	N	N	N	100	300	1.0
ANT3373P	46 15 51	113 28 55	3.0	.70	3.00	.70	300	N	N	N	100	2,000	N
ANT3373P	46 15 51	113 28 55	.7	.30	3.00	.10	150	N	N	N	100	200	1.0
ANT3379P	46 15 57	113 29 30	2.0	1.00	1.50	.30	150	N	N	N	150	10,000	<2.0
ANT3379P	46 15 57	113 29 30	.7	.50	3.00	.10	100	N	N	N	100	150	<1.0
ANT4347P	46 16 34	113 23 59	1.5	1.00	.20	.30	500	N	N	N	150	300	2.0
ANT4347P	46 16 34	113 23 59	20.0	.30	.30	.30	>10,000	N	N	N	200	10,000	5.0
ANT4349P	46 16 27	113 24 10	2.0	1.00	.20	.30	700	N	N	N	150	300	2.0
ANT4349P	46 16 27	113 24 10	20.0	1.50	1.00	1.50	>10,000	N	N	N	300	>10,000	5.0
ANT4352P	46 16 34	113 25 43	2.0	.70	.20	.20	1,000	N	N	N	150	500	2.0
ANT4354P	46 16 5	113 25 52	2.0	1.50	3.00	.20	1,000	N	N	N	150	500	2.0
ANT4354P	46 16 5	113 25 52	7.0	.70	2.00	.50	10,000	N	N	N	200	>10,000	5.0
ANT4356P	46 18 9	113 26 37	2.0	1.50	.20	.30	1,000	N	N	N	150	700	2.0
ANT4359P	46 17 57	113 25 42	1.5	.70	.10	.15	500	1.0	N	N	150	500	2.0
ANT4359P	46 17 57	113 25 42	7.0	.70	.20	1.00	3,000	15.0	700	N	300	10,000	5.0
ANT4361P	46 17 47	113 24 32	3.0	1.00	.10	.30	300	N	N	N	200	300	2.0
ANT4361P	46 17 47	113 24 32	7.0	.50	.50	.70	700	N	<500	N	500	>10,000	5.0
ANT4369P	46 19 32	113 24 50	1.5	.30	<.05	.15	150	N	N	N	150	300	1.5
ANT4369P	46 19 32	113 24 50	7.0	.50	.10	2.00	500	N	N	N	1,000	5,000	5.0
ANT4376P	46 19 32	113 27 46	2.0	.70	.10	.20	700	N	N	N	200	500	1.5
ANT4376P	46 19 32	113 27 46	7.0	.70	.30	.70	1,000	N	N	N	500	1,500	5.0
ANT4378P	46 20 9	113 27 29	2.0	.70	.07	.30	150	N	N	N	200	300	2.0
ANT4378P	46 20 9	113 27 29	5.0	.50	.30	.70	200	N	N	N	500	10,000	5.0
ANT4380P	46 20 12	113 28 36	2.0	.70	.20	.20	700	N	N	N	200	300	1.5
ANT4380P	46 20 12	113 28 36	7.0	.50	5.00	2.00	5,000	N	N	N	300	5,000	3.0
ANT5231P	46 21 52	113 25 52	1.5	.15	.05	.20	300	N	N	N	150	300	1.0
ANT5231P	46 21 52	113 25 52	7.0	.30	.70	1.00	1,000	20.0	N	N	500	7,000	5.0
ANT5233P	46 21 33	113 26 31	2.0	.30	.07	.20	300	N	N	N	200	300	1.5
ANT5233P	46 21 33	113 26 31	7.0	.70	.70	1.00	1,500	5.0	N	N	500	10,000	5.0
ANT5235P	46 21 34	113 26 31	2.0	.30	.07	.30	300	N	N	N	200	300	2.0
ANT5235P	46 21 34	113 26 31	7.0	.70	.20	.70	300	N	N	N	500	7,000	5.0
ANT5237P	46 21 0	113 25 53	1.0	.15	<.05	.15	300	N	N	N	150	150	1.0
ANT5237P	46 21 0	113 25 53	10.0	.50	.05	1.00	500	N	N	N	700	7,000	10.0
ANT5239P	46 21 38	113 23 43	.7	.15	.05	.10	150	N	N	N	150	150	1.0
ANT5239P	46 21 38	113 23 43	7.0	.50	5.00	>2.00	300	N	N	N	700	1,000	20.0

CHAPTER G

LATITUDE 46°00'–46°30' LONGITUDE 113°00'–113°30'

TABLE 2.PAN-CONCENTRATE SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°x2°CUSMAP QUADRANGLE, MONTANA(continued)

SAMPLE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR	S-V
ANT3233P	N	N	20	20	20	50	N	<50	15	50	N	10	N	200	70
ANT3359P	N	N	<10	<20	20	50	N	<50	<10	300	N	<10	N	1,000	20
ANT3359P	N	N	7	10	7	20	N	N	10	<10	N	7	N	N	30
ANT3361P	N	N	<10	<20	<10	70	N	N	<10	70	N	10	N	1,500	<20
ANT3361P	N	N	7	15	7	30	N	<20	10	<10	N	5	N	N	30
ANT3367P	N	N	20	50	30	>2,000	N	<50	<10	200	1,000	N	N	N	70
ANT3367P	N	N	5	10	10	20	N	N	10	10	N	5	N	N	20
ANT3369P	N	N	<10	100	200	>2,000	N	N	<10	<20	N	N	N	N	<20
ANT3369P	N	N	N	<10	<5	30	N	N	5	<10	N	<5	N	N	<10
ANT3371P	N	N	<10	70	<10	2,000	N	N	<10	200	N	N	N	N	70
ANT3371P	N	N	7	15	10	30	N	N	7	15	N	5	N	N	20
ANT3373P	N	N	<10	50	<10	2,000	N	N	20	<20	N	N	N	N	50
ANT3373P	N	N	5	15	10	30	N	N	10	10	N	5	N	N	20
ANT3379P	N	N	10	30	20	1,500	N	N	10	30	N	<10	N	N	50
ANT3379P	N	N	5	15	5	20	N	N	10	<10	N	5	N	N	15
ANT4347P	N	N	7	15	15	30	N	<20	10	30	N	7	N	N	50
ANT4347P	70	N	500	50	500	150	N	N	150	300	N	<10	200	N	100
ANT4349P	N	N	10	15	15	30	N	<20	15	30	N	7	N	N	50
ANT4349P	N	N	500	100	150	100	15	<50	150	300	N	<10	N	N	500
ANT4352P	N	N	7	15	15	50	N	<20	7	30	N	7	N	N	50
ANT4354P	N	N	10	15	15	30	N	<20	10	20	N	7	N	N	30
ANT4354P	N	N	100	20	150	200	N	50	30	100	N	N	N	200	70
ANT4356P	N	N	15	30	15	30	N	<20	15	50	N	7	N	N	50
ANT4359P	N	N	7	20	15	30	N	<20	10	30	N	5	N	N	30
ANT4359P	1,500	N	50	30	100	150	N	<50	50	300	200	<10	N	N	100
ANT4361P	N	N	7	30	15	30	N	<20	15	20	N	7	N	N	50
ANT4361P	50	N	10	70	50	70	N	<50	30	2,000	<200	<10	N	1,000	70
ANT4369P	N	N	5	20	10	30	N	<20	7	20	N	5	N	N	30
ANT4369P	N	N	10	50	30	200	N	<50	30	50	N	<10	N	N	100
ANT4376P	N	N	10	20	15	30	N	N	10	30	N	7	N	N	50
ANT4376P	N	N	20	50	30	70	N	<50	50	50	N	<10	N	N	70
ANT4378P	N	N	7	30	10	30	N	<20	10	20	N	7	N	N	50
ANT4378P	N	N	10	20	15	200	N	<50	20	70	N	<10	N	200	70
ANT4380P	N	N	10	20	20	30	N	<20	15	20	N	7	N	N	50
ANT4380P	N	N	20	50	30	1,000	N	70	30	500	N	<10	<20	N	150
ANT5231P	N	N	7	20	10	30	N	<20	7	20	N	5	N	N	30
ANT5231P	N	N	15	50	200	70	N	<50	30	300	<200	<10	700	N	70
ANT5233P	N	N	7	30	15	30	N	<20	15	30	N	7	N	N	50
ANT5233P	N	N	15	70	50	70	N	<50	50	500	N	<10	<20	N	100
ANT5235P	N	N	7	20	20	30	N	<20	10	15	N	7	N	N	50
ANT5235P	N	N	15	50	30	100	20	<50	50	30	N	<10	N	N	100
ANT5237P	N	N	7	<10	7	20	N	<20	7	15	N	5	N	N	20
ANT5237P	N	N	15	30	50	150	N	<50	50	200	N	<10	700	200	100
ANT5239P	N	N	5	<10	<5	20	N	N	5	15	N	5	N	N	15
ANT5239P	N	N	<10	30	15	700	N	50	10	70	N	<10	30	N	150

CHAPTER G

LATITUDE 46°00'–46°30' LONGITUDE 113°00'–113°30'

TABLE 2.PAN-CONCENTRATE SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°x2°CUSMAP QUADRANGLE, MONTANA(continued)

SAMPLE	S-W	S-Y	S-ZN	S-ZR	S-TH	AA-AU
ANT3233P	N	20	N	500	N	.200
ANT3359P	N	50	N	1,000	N	<.050
ANT3359P	N	20	N	150	N	--
ANT3361P	N	50	7,000	2,000	N	<.050
ANT3361P	N	20	N	150	N	--
ANT3367P	N	300	N	2,000	N	<.050
ANT3367P	N	10	N	100	N	--
ANT3369P	N	1,000	N	>2,000	N	<.050
ANT3369P	N	N	N	30	N	--
ANT3371P	N	70	N	2,000	N	<.050
ANT3371P	150	20	N	100	N	--
ANT3373P	N	150	7,000	1,000	N	<.050
ANT3373P	N	10	N	100	N	--
ANT3379P	N	70	N	700	N	<.050
ANT3379P	N	15	N	70	N	--
ANT4347P	N	20	N	150	N	<.050
ANT4347P	N	500	N	700	N	--
ANT4349P	N	20	N	200	N	<.050
ANT4349P	N	300	N	2,000	N	--
ANT4352P	N	50	N	100	N	<.050
ANT4354P	N	30	N	150	N	<.050
ANT4354P	N	100	N	>2,000	N	--
ANT4356P	N	30	N	300	N	<.050
ANT4359P	N	20	N	100	N	.070
ANT4359P	1,000	150	N	>2,000	N	--
ANT4361P	N	20	N	200	N	<.050
ANT4361P	N	150	N	>2,000	N	--
ANT4369P	N	15	N	200	N	.180
ANT4369P	N	500	N	>2,000	N	--
ANT4376P	N	30	N	200	N	<.050
ANT4376P	N	150	N	>2,000	N	--
ANT4378P	N	20	N	300	N	.060
ANT4378P	N	100	N	>2,000	N	--
ANT4380P	N	20	N	200	N	.110
ANT4380P	N	500	N	>2,000	N	--
ANT5231P	N	20	N	300	N	.400
ANT5231P	N	700	10,000	>2,000	N	--
ANT5233P	N	20	N	300	N	<.050
ANT5233P	N	200	500	>2,000	N	--
ANT5235P	N	20	N	200	N	<.050
ANT5235P	500	200	N	>2,000	N	--
ANT5237P	N	15	N	150	N	<.050
ANT5237P	N	200	N	>2,000	N	--
ANT5239P	N	10	N	200	N	<.050
ANT5239P	N	1,500	N	>2,000	N	--

CHAPTER G

LATITUDE 46°00'-46°30' LONGITUDE 113°00'-113°30'

TABLE 2.PAN-CONCENTRATE SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°x2°CJSMAP QUADRANGLE, MONTANA(continued)

SAMPLE	LATITUDE	LONGITUDE	S-FEX	S-MGX	S-CAZ	S-TIX	S-MN	S-AG	S-AS	S-AU	S-B	S-BA	S-BE
ANT5335P	46 18 17	113 29 16	1.0	.20	.20	.15	200	N	N	N	70	500	1.5
ANT5335P	46 18 17	113 29 16	1.0	.30	3.00	1.00	300	N	N	N	150	>10,000	2.0
BK1	46 27 24	113 23 28	20.0	.30	2.00	.07	2,000	300.0	1,500	N	200	2,000	<2.0
BK1	46 27 24	113 23 28	15.0	.10	1.50	.03	3,000	500.0	1,500	150	50	1,000	<2.0
BK1126P	46 29 54	113 22 48	1.0	.50	<.10	.20	150	N	N	N	300	700	2.0
BK1128P	46 29 53	113 22 42	3.0	.50	<.10	.20	500	50.0	N	N	70	300	3.0
BK1132P	46 26 15	113 24 18	.7	.20	<.10	.70	2,000	<1.0	N	N	70	700	2.0
BK1134P	46 26 28	113 23 47	3.0	.70	.15	.20	2,000	N	N	N	150	1,000	3.0
BK1136P	46 26 47	113 23 31	1.5	.50	<.10	.50	150	<1.0	N	N	300	300	<2.0
BK1138P	46 27 10	113 23 44	1.5	1.00	.15	.50	200	<1.0	N	N	30	300	2.0
BK1140P	46 27 28	113 23 20	7.0	.30	<.10	.30	3,000	100.0	1,500	N	150	500	3.0
BK1142P	46 29 4	113 22 59	10.0	.10	<.10	.15	2,000	200.0	2,000	N	20	2,000	2.0
BK1144P	46 29 8	113 23 18	5.0	1.00	.20	.50	500	2.0	N	N	150	1,000	2.0
BK1146P	46 29 34	113 24 57	5.0	1.00	1.00	.30	500	<1.0	N	N	200	700	2.0
BK2751P	46 26 58	113 29 55	10.0	.50	.50	.70	700	N	N	N	500	700	2.0
BK3204P	46 27 48	113 29 7	3.0	1.00	.15	.70	300	<1.0	N	N	200	1,500	3.0
BK3206P	46 29 14	113 29 32	3.0	.70	<.10	.70	200	N	N	N	300	1,000	3.0
BK3208P	46 29 46	113 29 34	2.0	.70	.15	.70	100	N	N	N	300	1,000	3.0
BK3210P	46 27 0	113 29 3	2.0	.50	.50	.50	150	N	N	N	300	700	3.0
BK3212P	46 26 22	113 29 23	3.0	.20	.15	.50	700	N	N	N	300	500	<2.0
BK3214P	46 25 21	113 29 46	1.5	.50	.15	.50	150	N	N	N	300	700	3.0
BK3217P	46 24 2	113 28 8	3.0	.30	.10	.70	150	N	N	N	300	700	<2.0
BK3219P	46 24 3	113 28 6	3.0	.30	<.10	.70	150	N	N	N	300	700	2.0
BK3221P	46 24 18	113 28 20	2.0	.50	<.10	.50	150	N	N	N	300	700	3.0
BK3229P	46 23 13	113 29 25	3.0	.30	.15	.70	300	N	N	N	300	700	<2.0
BK3231P	46 22 46	113 29 35	7.0	.30	<.10	.70	700	N	N	N	300	700	3.0
BK4202P	46 29 6	113 24 50	.7	.30	.30	2.00	50	N	N	N	300	500	<2.0
BK4202P	46 29 6	113 24 50	.5	.20	.07	.07	150	2.0	N	N	100	300	<1.0
BK5241P	46 23 4	113 24 49	.7	.15	<.05	.15	150	N	N	N	150	150	1.0
BK5241P	46 23 4	113 24 49	15.0	.70	.15	1.00	1,000	N	N	N	700	700	5.0
BK5243P	46 23 12	113 24 51	.5	.15	<.05	.10	70	<.5	N	N	70	150	1.0
BK5243P	46 23 12	113 24 51	15.0	.30	.15	1.50	300	N	N	N	1,000	500	<2.0
BK5245P	46 24 9	113 23 37	.5	.15	<.05	.07	70	N	N	N	50	150	<1.0
BK5245P	46 24 9	113 23 37	7.0	.30	.15	>2.00	150	N	N	N	1,500	7,000	5.0
BK5247P	46 24 15	113 23 4	1.5	.50	.05	.30	500	N	N	N	150	300	2.0
BK5247P	46 24 15	113 23 4	10.0	.50	.50	2.00	1,000	N	N	N	1,000	5,000	2.0
CRP2528P	46 0 5	113 25 37	1.5	.30	1.50	.50	500	N	N	N	N	700	3.0
CRP2531P	46 0 5	113 25 28	.7	.15	1.00	.30	300	N	N	N	N	700	3.0
CRP2534P	46 0 9	113 25 39	.7	.50	1.50	.20	300	1.0	N	N	N	700	3.0
CRP2537P	46 1 13	113 25 11	2.0	2.00	5.00	.50	700	N	N	N	20	1,000	3.0
CRP2540P	46 1 14	113 25 9	3.0	.70	1.50	1.50	2,000	N	N	N	<20	300	15.0
CRP2543P	46 1 22	113 25 24	3.0	1.50	2.00	.30	500	N	N	N	150	700	7.0
CRP2546P	46 1 59	113 27 0	1.0	.70	1.50	.15	300	N	N	N	<20	700	3.0
CRP2551P	46 2 1	113 28 48	3.0	.70	1.00	.10	300	N	N	N	<20	1,500	3.0
CRP5360P	46 6 36	113 23 23	.5	.10	<.10	.30	50	N	N	N	50	150	N

CHAPTER G

LATITUDE 46°00'-46°30' LONGITUDE 113°00'-113°30'

TABLE 2.PAN-CONCENTRATE SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°x2°CUSMAP QUADRANGLE, MONTANA(continued)

SAMPLE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-WI	S-PB	S-SB	S-SC	S-SN	S-SR	S-V
ANT5335P	N	N	5	<10	5	20	N	<20	5	15	N	5	N	N	30
ANT5335P	30	N	10	20	70	700	N	<50	N	200	N	<10	N	700	70
BK1	200	N	10	30	5,000	<50	10	N	30	5,000	7,000	N	500	<200	30
BK1	150	N	10	20	5,000	N	N	N	10	10,000	5,000	<10	500	N	<20
BK1126P	N	N	<10	50	<10	<50	N	N	10	20	N	<10	N	N	30
BK1128P	200	N	10	30	500	<50	N	N	10	1,500	1,500	<10	N	N	30
BK1132P	N	N	<10	30	10	<50	N	N	10	20	N	N	N	N	20
BK1134P	N	N	15	50	<10	50	N	N	20	20	N	<10	N	N	70
BK1136P	N	N	10	50	<10	50	N	N	10	20	N	<10	N	N	50
BK1138P	N	N	10	50	10	<50	20	N	15	30	N	<10	N	N	50
BK1140P	200	N	10	30	700	50	<10	N	10	7,000	5,000	<10	N	N	70
BK1142P	700	N	10	20	3,000	<50	N	N	10	10,000	10,000	N	100	N	20
BK1144P	<20	N	10	50	70	70	<10	N	10	300	<200	<10	N	N	100
BK1146P	N	N	<10	50	70	<50	N	N	15	150	N	<10	N	N	70
BK2751P	N	N	10	150	15	70	N	<50	<10	20	N	15	N	N	200
BK3204P	N	N	10	50	10	50	N	<50	20	20	N	10	N	N	70
BK3206P	N	N	10	30	<10	50	N	<50	20	20	N	10	N	N	70
BK3208P	N	N	10	50	<10	50	N	<50	15	30	N	10	N	N	70
BK3210P	N	N	<10	50	<10	<50	N	<50	10	20	N	10	N	N	50
BK3212P	N	N	<10	50	<10	<50	N	<50	10	50	N	10	N	N	70
BK3214P	N	N	N	20	70	<50	N	<50	15	20	N	10	N	N	70
BK3217P	N	N	<10	20	<10	<50	N	<50	<10	20	N	10	N	N	100
BK3219P	N	N	<10	<20	<10	50	N	<50	10	<20	N	10	N	N	70
BK3221P	N	N	N	50	<10	50	N	<50	10	<20	N	10	N	N	70
BK3229P	N	N	<10	70	10	50	N	<50	<10	20	N	10	N	N	70
BK3231P	N	N	15	<20	15	<50	N	<50	30	20	N	10	N	N	100
BK4202P	70	N	<10	20	15	300	N	150	N	70	N	N	N	N	30
BK4202P	N	N	N	20	15	20	N	N	7	100	N	5	N	N	15
BK5241P	N	N	5	N	5	20	N	<20	7	20	N	5	N	N	20
BK5241P	N	N	20	50	30	70	N	N	70	70	N	10	N	N	150
BK5243P	N	N	<5	15	<5	20	N	<20	5	15	N	<5	N	N	15
BK5243P	N	N	10	200	15	500	N	50	30	50	N	20	N	N	200
BK5245P	N	N	<5	10	5	20	N	<20	5	15	N	<5	N	N	15
BK5245P	N	N	N	150	10	700	N	<50	<10	150	N	50	N	N	70
BK5247P	N	N	10	20	5	30	N	<20	15	20	N	7	N	N	50
BK5247P	N	N	15	300	15	700	N	50	15	70	N	20	N	<200	150
CRP2528P	N	N	<10	30	<10	500	N	50	10	50	N	N	N	700	30
CRP2531P	N	N	N	20	<10	300	N	<50	10	50	N	N	N	500	20
CRP2534P	700	N	N	30	10	300	N	<50	10	50	N	N	N	500	20
CRP2537P	N	N	<10	50	10	70	N	<50	15	50	N	<10	N	500	20
CRP2540P	N	N	N	50	50	1,000	20	100	15	20	N	<10	N	300	70
CRP2543P	N	N	15	100	<10	50	N	<50	15	100	N	<10	N	200	50
CRP2546P	20	N	<10	30	<10	200	N	N	10	30	N	N	N	300	20
CRP2551P	N	N	10	30	20	50	N	N	15	100	N	N	N	500	30
CRP5360P	N	N	10	20	N	<50	N	N	10	<20	N	<10	N	N	30

CHAPTER G

LATITUDE 46°00'-46°30' LONGITUDE 113°00'-113°30'

TABLE 2.PAN-CONCENTRATE SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°x2°CUSMAP QUADRANGLE, MONTANA(continued)

SAMPLE	S-W	S-Y	S-ZN	S-ZR	S-TH	AA-AU
ANT5335P	N	20	N	100	N	.930
ANT5335P	100	200	N	>2,000	N	--
BK1	1,000	N	2,000	70	N	--
BK1	1,500	N	1,000	500	N	--
BK1126P	N	50	N	1,000	N	<.050
BK1128P	300	<20	N	500	N	.280
BK1132P	N	20	N	300	N	<.050
BK1134P	N	30	N	300	N	<.050
BK1136P	N	20	N	1,000	N	<.050
BK1138P	N	20	N	700	N	<.050
BK1140P	3,000	70	N	2,000	N	1.000
BK1142P	3,000	30	1,500	1,500	N	1.000
BK1144P	N	50	N	>2,000	N	<.050
BK1146P	N	30	N	700	N	<.050
BK2751P	N	50	N	>2,000	N	<.050
BK3204P	N	70	N	500	N	.400
BK3206P	N	70	N	500	N	<.050
BK3208P	N	150	N	700	N	<.050
BK3210P	N	2,000	N	500	N	.200
BK3212P	N	1,000	N	700	N	.100
BK3214P	N	5,000	N	1,000	N	<.050
BK3217P	N	70	N	2,000	N	<.050
BK3219P	N	20	N	700	N	.050
BK3221P	N	100	N	500	N	<.050
BK3229P	N	50	N	1,500	N	.200
BK3231P	N	50	N	1,500	N	2.400
BK4202P	N	200	N	>2,000	N	<.050
BK4202P	N	10	N	200	N	--
BK5241P	N	20	N	300	N	<.050
BK5241P	N	200	N	>2,000	N	--
BK5243P	N	10	N	200	N	<.050
BK5243P	N	1,000	N	>2,000	N	--
BK5245P	N	10	N	70	N	<.050
BK5245P	N	1,000	N	>2,000	<200	--
BK5247P	N	20	N	300	N	<.050
BK5247P	N	700	N	>2,000	N	--
CRP2528P	N	50	N	100	N	<.050
CRP2531P	N	20	N	500	N	<.050
CRP2534P	100	30	N	70	N	<.050
CRP2537P	N	<20	N	150	N	<.050
CRP2540P	700	70	N	300	N	<.050
CRP2543P	N	20	N	200	N	<.050
CRP2546P	N	<20	N	70	N	<.050
CRP2551P	N	N	N	100	N	<.050
CRP5360P	N	<20	N	500	N	.530

CHAPTER G

LATITUDE 46°00'-46°30' LONGITUDE 113°00'-113°30'

TABLE 2.PAN-CONCENTRATE SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°x2°CUSMAP QUADRANGLE, MONTANA(continued)

SAMPLE	LATITUDE	LONGITUDE	S-FEX	S-MGX	S-CAZ	S-TIX	S-MN	S-AG	S-AS	S-AU	S-B	S-BA	S-BE
CRP5362P	46 6 38	113 23 21	3.0	.50	.50	.30	700	N	N	N	150	300	2.0
CRP5363P	46 6 32	113 26 59	.7	.20	<.10	.20	150	N	N	N	50	300	N
CRP5365P	46 7 20	113 25 7	3.0	.20	.20	.50	200	N	N	N	100	1,000	<2.0
CRP5370P	46 3 26	113 26 6	5.0	.30	<.10	.50	100	<1.0	N	N	150	200	3.0
CRP5372P	46 3 32	113 26 47	7.0	.30	.50	.70	500	N	N	N	150	300	<2.0
CRP5374P	46 4 18	113 27 7	5.0	.15	<.10	.70	100	N	N	N	150	300	N
CRP5376P	46 3 53	113 25 8	5.0	.70	.10	.50	200	N	N	N	300	500	2.0
CRP5382P	46 5 14	113 26 12	3.0	1.00	.50	.20	150	N	N	N	150	300	<2.0
CRP5384P	46 6 6	113 26 3	5.0	1.50	.10	.50	1,000	N	N	N	300	500	3.0
CRP6343P	46 0 44	113 28 21	.7	.30	.70	.30	200	N	N	N	20	500	2.0
CRP6345P	46 0 48	113 28 24	.5	.30	.70	.10	200	N	N	N	20	500	<2.0
CRP6347P	46 0 56	113 28 24	.5	.30	.70	.15	200	N	N	N	50	700	2.0
FB1077P	46 18 48	113 13 58	30.0	.15	.30	.20	5,000	300.0	1,000	N	50	2,000	N
FB1078P	46 18 48	113 13 58	30.0	.05	.20	.15	5,000	200.0	7,000	N	20	1,000	N
FB1079P	46 18 48	113 13 58	10.0	<.05	<.10	.10	200	50.0	3,000	N	70	50	N
FB1080P	46 18 48	113 13 58	30.0	.30	.70	.50	2,000	150.0	5,000	N	N	500	N
FB1108P	46 15 47	113 8 3	15.0	1.50	1.50	.30	300	N	N	N	150	300	3.0
FB1110P	46 15 38	113 8 13	5.0	.50	.70	.50	500	N	N	N	150	300	<2.0
FB1171P	46 19 33	113 8 59	1.0	.10	.10	.15	300	7.0	N	N	200	200	2.0
FB2495P	46 18 0	113 12 55	30.0	.50	3.00	2.00	1,000	N	N	N	N	500	N
FB3386P	46 18 28	113 14 54	50.0	.30	.50	.70	1,500	N	N	N	N	100	N
FB6211P	46 15 50	113 9 11	5.0	.30	.70	.15	100	N	N	N	70	150	N
FB8	46 19 0	113 14 34	50.0	.05	.70	.30	1,000	700.0	N	N	N	700	N
FB8	46 19 0	113 14 34	15.0	1.00	7.00	>2.00	3,000	1,000.0	<500	N	<20	700	<2.0
GL2785P	46 14 6	113 17 26	3.0	.70	.10	.50	1,000	N	N	N	300	1,000	2.0
GL2787P	46 14 6	113 17 26	3.0	.70	.15	.30	1,500	N	N	N	300	1,000	3.0
GL2793P	46 13 27	113 18 37	1.5	.30	<.10	.20	1,000	N	N	N	100	300	2.0
GL3600P	46 14 1	113 17 12	5.0	1.50	.15	.30	500	N	N	N	200	700	N
GL3612P	46 8 2	113 21 43	3.0	1.00	.50	.30	700	N	N	N	150	>10,000	2.0
GL3614P	46 8 24	113 22 14	3.0	2.00	.30	.50	1,000	N	N	N	300	700	3.0
GL3620P	46 8 15	113 16 48	10.0	5.00	10.00	.70	2,000	N	N	N	150	1,500	2.0
GL3622P	46 9 30	113 16 18	3.0	2.00	3.00	.30	700	<1.0	N	N	150	500	2.0
GL3705P	46 8 20	113 22 14	1.5	1.00	1.50	.30	300	N	N	N	100	200	<2.0
GL3730P	46 11 54	113 15 4	20.0	.30	1.50	.50	700	7.0	500	N	N	300	N
GL3732P	46 14 42	113 14 37	1.5	1.00	1.50	.15	200	N	N	N	100	300	<2.0
GL3734P	46 11 25	113 22 8	.7	.10	<.10	.15	100	N	N	N	150	200	N
GL3736P	46 10 14	113 22 14	.5	.20	.10	.15	150	N	N	N	100	200	<2.0
GL6205P	46 13 15	113 18 41	2.0	.10	<.10	.50	100	N	N	N	150	500	N
GL6207P	46 13 9	113 20 43	.5	.15	<.10	.15	1,000	N	N	N	20	200	N
GL6233P	46 9 7	113 18 36	2.0	1.00	.20	.30	300	N	N	N	200	300	<2.0
GL6235P	46 8 25	113 19 26	3.0	2.00	5.00	.30	700	N	N	N	50	500	<2.0
GL6243P	46 9 44	113 20 0	3.0	1.00	1.00	.30	1,000	N	N	N	100	300	<2.0
GL6249P	46 8 2	113 16 37	1.0	.70	1.00	.20	200	N	N	N	70	300	<2.0
HN1118P	46 22 50	113 18 58	5.0	2.00	5.00	.50	2,000	N	N	N	300	3,000	3.0
HN1120P	46 26 36	113 15 39	30.0	2.00	3.00	>2.00	5,000	N	N	N	30	300	N

CHAPTER G

LATITUDE 46°00'–46°30' LONGITUDE 113°00'–113°30'

TABLE 2 PAN-CONCENTRATE SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°x2° CUSMAP QUADRANGLE, MONTANA (continued)

SAMPLE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR	S-V
CRP5362P	N	N	15	100	10	50	N	N	20	20	N	N	N	<200	70
CRP5363P	N	N	10	30	<10	<50	N	N	10	<20	N	N	N	N	20
CRP5365P	N	N	<10	50	<10	<50	N	N	10	<20	N	N	N	N	50
CRP5370P	N	N	10	30	10	50	N	<50	10	30	N	10	N	N	50
CRP5372P	N	N	15	30	15	150	N	<50	20	30	N	<10	N	N	100
CRP5374P	N	N	<10	50	<10	70	N	N	10	20	N	10	N	N	70
CRP5376P	N	N	10	100	<10	<50	N	N	30	20	N	10	N	N	100
CRP5382P	N	N	10	70	<10	<50	N	N	20	20	N	<10	N	N	50
CRP5384P	N	N	10	100	15	<50	N	N	30	30	N	10	N	N	150
CRP6343P	N	N	N	<20	<10	200	N	N	<10	70	N	<10	N	700	20
CRP6345P	N	N	N	<20	<10	70	N	N	<10	30	N	<10	N	500	<20
CRP6347P	N	N	<10	20	<10	500	N	N	10	50	N	<10	N	500	<20
FB1077P	N	N	20	200	300	100	N	N	30	1,000	300	10	N	N	700
FB1078P	N	N	20	70	300	50	N	N	15	700	300	<10	N	N	500
FB1079P	N	N	15	<20	30	50	N	N	<10	100	<200	<10	N	<200	20
FB1080P	N	N	20	50	200	100	N	N	<10	300	300	<10	N	N	700
FB1108P	N	N	20	70	50	<50	N	<50	100	70	N	10	N	N	100
FB1110P	N	N	15	30	<10	100	N	N	10	<20	N	10	N	N	100
FB1171P	N	N	N	N	50	50	N	N	<10	50	N	N	N	<200	50
FB2495P	N	N	15	150	10	2,000	N	70	<10	30	N	15	N	500	1,500
FB5386P	N	N	30	200	15	100	N	N	15	20	N	10	N	N	2,000
FB6211P	N	N	20	20	15	50	N	N	<10	<20	N	10	N	N	100
FB8	N	N	500	500	50	<50	N	N	20	150	N	N	N	N	1,500
FB8	N	N	10	20	150	700	N	150	10	1,500	200	<10	70	200	500
GL2785P	N	N	10	70	<10	50	N	50	10	30	N	<10	N	N	70
GL2787P	N	N	10	50	<10	50	N	N	20	30	N	<10	N	N	70
GL2793P	N	N	10	<20	N	<50	N	N	10	20	N	<10	N	N	50
GL3600P	N	N	<10	150	<10	50	N	N	15	30	N	10	N	N	100
GL3612P	N	N	15	100	20	<50	N	N	30	20	N	<10	N	N	70
GL3614P	N	N	15	100	20	50	N	N	20	<20	N	10	N	N	70
GL3620P	N	N	20	150	30	150	N	N	20	70	N	15	N	500	300
GL3622P	N	N	15	70	15	<50	N	N	50	30	N	<10	N	N	150
GL3705P	N	N	10	50	10	50	N	N	30	<20	N	N	N	N	50
GL3730P	50	N	20	20	700	200	N	N	<10	<20	N	<10	N	N	300
GL3732P	N	N	<10	30	<10	<50	N	N	10	<20	N	<10	N	N	30
GL3734P	N	N	N	20	<10	<50	N	N	<10	<20	N	N	N	N	20
GL3736P	N	N	N	20	<10	<50	N	N	<10	<20	N	N	N	N	20
GL6205P	N	N	10	<20	<10	50	N	N	N	20	N	10	N	N	50
GL6207P	N	N	15	<20	<10	<50	N	N	<10	20	N	<10	N	N	20
GL6233P	<20	N	15	30	30	<50	N	N	30	20	N	10	N	N	50
GL6235P	<20	N	30	700	30	50	N	N	150	20	N	20	N	200	100
GL6243P	<20	N	20	50	20	<50	N	N	30	20	N	10	N	N	70
GL6249P	<20	N	10	20	<10	<50	N	N	10	<20	N	10	N	N	30
HN1118P	N	N	20	100	20	70	N	<50	20	20	N	15	N	N	150
HN1120P	N	N	50	150	150	50	N	N	70	70	N	20	N	N	2,000

CHAPTER G

LATITUDE 46°00'–46°30' LONGITUDE 113°00'–113°30'

TABLE 2.PAN-CONCENTRATE SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°x2°CUSMAP QUADRANGLE, MONTANA(continued)

SAMPLE	S-W	S-Y	S-ZN	S-ZR	S-TH	AA-AU
CRP5362P	N	20	N	500	N	.630
CRP5363P	N	20	N	1,000	N	<.050
CRP5365P	N	70	N	700	N	<.050
CRP5370P	N	100	N	>2,000	N	<.050
CRP5372P	N	70	N	700	N	<.050
CRP5374P	N	70	N	>2,000	N	<.050
CRP5376P	N	30	N	500	N	<.050
CRP5382P	N	70	N	200	N	<.050
CRP5384P	N	20	N	500	N	<.050
CRP6343P	N	20	N	200	N	<.050
CRP6345P	N	N	N	150	N	<.050
CRP6347P	N	<20	N	200	N	<.050
FB1077P	300	50	2,000	700	N	1.420
FB1078P	500	20	2,000	700	N	5.070
FB1079P	N	20	N	500	N	.290
FB1080P	N	70	2,000	700	N	.298
FB1108P	N	70	N	700	N	2.440
FB1110P	N	30	N	2,000	N	<.050
FB1171P	N	N	<500	150	N	<.050
FB2495P	150	300	N	2,000	N	.180
FB5386P	N	150	N	>2,000	N	.440
FB6211P	N	30	N	1,000	N	.300
FB8	N	50	N	1,000	N	--
FB8	500	500	1,000	>2,000	1,000	--
GL2785P	N	20	N	>2,000	N	<.050
GL2787P	N	20	N	700	N	<.050
GL2793P	N	50	N	200	N	.020
GL3600P	N	30	N	300	N	<.050
GL3612P	N	20	N	500	N	.240
GL3614P	N	30	N	300	N	<.050
GL3620P	N	50	N	300	N	<.050
GL3622P	N	20	N	200	N	<.050
GL3705P	N	N	N	200	N	N
GL3730P	N	30	N	700	N	6.000
GL3732P	N	150	N	200	N	.700
GL3734P	N	20	N	500	N	<.020
GL3736P	N	N	N	150	N	.040
GL6205P	N	100	N	>2,000	N	.030
GL6207P	N	N	N	700	N	<.020
GL6233P	N	<20	N	150	N	N
GL6235P	N	<20	N	70	N	<.020
GL6243P	N	20	N	150	N	.040
GL6249P	N	20	N	700	N	N
HN1118P	N	50	N	700	N	<.050
HN1120P	N	50	500	200	N	<.050

CHAPTER G

LATITUDE 46°00'–46°30' LONGITUDE 113°00'–113°30'

TABLE 2.PAN-CONCENTRATE SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°x2°CUSMAP QUADRANGLE, MONTANA(continued)

SAMPLE	LATITUDE	LONGITUDE	S-FEX	S-MGX	S-CAZ	S-TIX	S-MN	S-AG	S-AS	S-AU	S-B	S-BA	S-BE
HN2796P	46 24 18	113 18 23	1.5	.70	.20	.30	700	N	N	N	200	300	2.0
HN2798P	46 25 4	113 18 28	3.0	.50	.20	.30	500	N	N	N	200	300	2.0
HN3606P	46 22 50	113 18 40	15.0	.70	7.00	.20	5,000	N	N	N	70	1,500	<2.0
HN3703P	46 28 45	113 16 36	2.0	.20	.15	.70	300	N	N	N	100	200	<2.0
HN3707P	46 23 50	113 18 15	1.0	1.00	7.00	.15	1,000	30.0	N	N	100	300	2.0
HN3709P	46 24 58	113 17 4	1.5	.70	2.00	.30	500	N	N	N	70	500	<2.0
HN3711P	46 27 52	113 16 53	2.0	2.00	.15	.30	700	N	N	N	200	1,000	<2.0
HN3713P	46 26 18	113 18 8	.7	.50	7.00	.20	300	N	N	N	100	150	<2.0
HN3715P	46 28 55	113 18 53	5.0	1.00	7.00	1.00	1,500	N	N	N	30	300	<2.0
HN3717P	46 28 23	113 20 3	1.0	.20	.50	.20	1,000	N	N	N	100	300	<2.0
HN3719P	46 27 58	113 20 18	1.0	.15	<.10	.15	100	<1.0	N	N	100	300	<2.0
HN3721P	46 27 47	113 20 17	1.0	.15	<.10	.15	100	5.0	N	N	150	200	<2.0
HN4288P	46 26 35	113 20 16	5.0	.50	1.00	>2.00	200	50.0	N	N	1,500	10,000	10.0
HN4288P	46 26 35	113 20 16	.3	.10	<.05	.07	70	<.5	N	N	50	150	<1.0
HN4335P	46 23 33	113 20 57	.7	.15	<.05	.15	100	N	N	N	100	300	1.0
HN4335P	46 23 33	113 20 57	5.0	.30	.10	2.00	300	N	N	N	1,000	5,000	5.0
HN4337P	46 25 13	113 21 12	.3	.10	<.05	.10	30	N	N	N	30	150	<1.0
HN4337P	46 25 13	113 21 12	15.0	.70	.20	>2.00	700	N	N	N	5,000	10,000	5.0
HN4339P	46 26 21	113 20 20	.2	.05	<.05	.05	20	<.5	N	N	30	150	<1.0
HN4339P	46 26 21	113 20 20	2.0	.30	.30	>2.00	150	N	N	N	3,000	10,000	10.0
HN5249P	46 23 8	113 22 9	2.0	.70	.07	.30	700	N	N	N	150	500	2.0
HN5249P	46 23 8	113 22 9	7.0	.50	.70	2.00	3,000	N	N	N	700	3,000	2.0
MAX1122P	46 29 12	113 14 42	15.0	.50	2.00	1.50	1,500	<1.0	N	N	70	700	10.0
MAX1162P	46 28 41	113 9 18	1.5	.30	.15	.20	500	N	N	N	100	200	<2.0
MAX2449P	46 28 52	113 7 42	5.0	1.00	.50	.50	700	N	N	N	70	700	3.0
MAX5867P	46 29 31	113 12 45	30.0	.10	.70	.50	700	N	N	N	N	300	N
MAX5872P	46 27 20	113 9 4	2.0	.50	.15	.30	300	N	N	N	100	500	<2.0
MAX5881P	46 25 54	113 7 53	7.0	.50	1.00	.50	700	N	N	N	70	200	<2.0
MAX5883P	46 23 56	113 12 12	5.0	.15	.10	1.00	100	N	N	N	200	1,000	<2.0
MAX5885P	46 24 46	113 11 51	1.0	.15	.10	.20	150	N	N	N	100	200	<2.0
MAX5887P	46 23 43	113 14 53	2.0	.50	.20	.50	200	N	N	N	100	300	<2.0
MAX5889P	46 24 43	113 14 13	1.5	.15	.10	.20	100	7.0	N	N	70	700	<2.0
MAX5894P	46 25 45	113 13 39	3.0	.20	.10	.70	100	N	N	N	100	300	<2.0
MAX5896P	46 24 34	113 10 14	20.0	.70	.70	.70	700	N	N	N	50	200	N
MAX5898P	46 24 27	113 9 15	20.0	.50	1.00	1.00	700	N	N	N	70	300	N
MAX6823P	46 29 15	113 8 1	2.0	.70	.30	.30	500	N	N	N	150	300	2.0
MAX6825P	46 29 17	113 9 56	3.0	.30	.15	.50	300	N	N	N	200	500	<2.0
MAX6907P	46 29 15	113 11 52	7.0	1.00	5.00	.50	1,000	N	N	N	150	3,000	<2.0
MAX6909P	46 28 13	113 11 21	7.0	.70	1.50	1.00	700	N	N	N	150	300	<2.0
MAX6911P	46 27 22	113 10 38	10.0	1.00	7.00	1.00	1,500	N	N	N	70	700	<2.0
MAX6913P	46 26 12	113 8 48	7.0	1.00	.70	.70	1,000	N	N	N	150	700	<2.0
MAX6921P	46 23 55	113 9 10	>50.0	.15	.70	1.00	1,500	N	N	N	N	70	N
MAX6925P	46 25 45	113 12 49	>50.0	.30	1.00	2.00	1,500	N	N	N	N	200	N
ME1104P	46 7 20	113 12 20	5.0	2.00	5.00	.30	1,500	N	N	N	<20	500	20.0
ME1152P	46 7 7	113 9 52	1.5	2.00	7.00	.15	500	N	N	N	20	200	15.0

CHAPTER G

LATITUDE 46°00'~46°30' LONGITUDE 113°00'~113°30'

TABLE 2.PAN-CONCENTRATE SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°x2°CUSMAP QUADRANGLE, MONTANA(continued)

SAMPLE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR	S-V
HN2796P	N	N	<10	20	10	50	N	<50	10	20	N	10	N	N	50
HN2798P	N	N	<10	30	20	50	N	N	15	20	N	10	N	N	50
HN3606P	N	N	15	70	70	<50	N	N	30	100	N	<10	N	N	700
HN3703P	N	N	N	20	15	50	N	N	10	70	N	<10	N	N	70
HN3707P	N	N	10	<20	10	50	N	N	10	<20	N	<10	N	N	30
HN3709P	N	N	N	20	10	50	N	N	10	20	N	<10	N	N	50
HN3711P	N	N	10	<20	15	50	N	N	15	30	N	10	N	N	30
HN3713P	N	N	N	20	<10	50	N	N	<10	<20	N	<10	N	N	20
HN3715P	<20	N	10	20	50	<50	20	<50	10	70	N	10	N	N	200
HN3717P	N	N	15	<20	10	50	N	N	<10	70	N	<10	N	N	50
HN3719P	N	N	N	30	10	<50	N	N	<10	20	N	<10	N	N	30
HN3721P	N	N	<10	<20	30	70	N	N	10	50	N	<10	N	N	30
HN4288P	30	N	N	50	300	1,500	N	<50	10	2,000	1,000	N	N	N	70
HN4288P	N	N	N	10	<5	<20	N	N	<5	10	N	N	N	N	10
HN4335P	N	N	N	10	<5	20	N	N	5	100	N	5	N	N	20
HN4335P	N	N	<10	100	10	500	N	<50	20	70	N	50	N	N	70
HN4337P	N	N	N	10	<5	20	N	N	5	15	N	N	N	N	15
HN4337P	N	N	<10	150	20	1,000	N	50	30	100	N	30	N	N	200
HN4339P	N	N	<5	<10	<5	20	N	N	5	20	N	N	N	N	<10
HN4339P	N	N	<10	200	50	1,000	<10	<50	<10	700	700	<10	N	N	70
HN5249P	N	N	7	50	7	50	N	<20	15	30	N	7	N	N	50
HN5249P	N	N	15	100	20	500	<10	70	10	70	N	10	<20	N	200
MAX1122P	70	N	50	100	150	200	N	<50	15	300	N	15	N	N	500
MAX1162P	N	N	10	<20	10	50	N	N	<10	50	N	<10	N	N	70
MAX2449P	N	N	15	100	30	150	N	<50	70	50	N	15	N	<200	150
MAX5867P	N	N	30	100	15	100	N	N	<10	50	N	<10	N	N	1,000
MAX5872P	N	N	10	20	15	50	N	N	20	<20	N	<10	N	N	100
MAX5881P	N	N	15	50	30	70	N	N	50	30	N	10	N	<200	200
MAX5883P	N	N	<10	20	<10	50	N	N	<10	<20	N	10	N	N	100
MAX5885P	N	N	N	<20	20	<50	N	N	<10	<20	N	<10	N	N	50
MAX5887P	N	N	10	<20	20	100	N	N	20	<20	N	<10	N	N	150
MAX5889P	N	N	<10	30	<10	<50	N	N	<10	20	N	<10	N	N	50
MAX5894P	N	N	10	30	<10	70	N	N	20	20	N	<10	N	N	70
MAX5896P	N	N	10	20	<10	50	N	N	<10	<20	N	<10	N	<200	500
MAX5898P	N	N	15	20	15	500	N	<50	<10	20	N	<10	N	N	700
MAX6823P	N	N	10	<20	20	200	N	N	30	30	N	<10	N	N	100
MAX6825P	N	N	10	100	20	50	N	N	<10	20	N	10	N	N	150
MAX6907P	N	N	10	50	30	50	N	N	15	70	N	<10	N	<200	200
MAX6909P	N	N	10	150	10	50	N	N	10	50	N	<10	N	N	200
MAX6911P	N	N	20	150	50	150	N	<50	20	150	N	10	N	N	300
MAX6913P	N	N	15	100	50	150	N	N	30	100	N	10	N	N	200
MAX6921P	N	N	15	200	20	N	N	N	10	20	N	<10	N	N	2,000
MAX6925P	N	N	15	200	20	700	N	<50	10	20	N	<10	N	N	2,000
ME1104P	N	N	15	100	30	50	15	<50	30	30	N	15	N	500	100
ME1152P	N	N	10	<20	15	50	N	N	<10	20	N	N	N	N	30

CHAPTER G

LATITUDE 46°00'–46°30' LONGITUDE 113°00'–113°30'

TABLE 2.PAN-CONCENTRATE SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°x2°CUSMAP QUADRANGLE, MONTANA(continued)

SAMPLE	S-W	S-Y	S-ZN	S-ZR	S-TH	AA-AU
HN2796P	N	<20	N	150	N	N
HN2798P	N	30	N	500	N	N
HN3606P	N	50	N	150	N	<.050
HN3703P	N	70	N	200	N	N
HN3707P	N	<20	N	150	N	.080
HN3709P	N	N	N	150	N	N
HN3711P	N	<20	N	300	N	<.020
HN3713P	N	<20	N	100	N	N
HN3715P	200	50	N	500	N	.920
HN3717P	N	<20	N	700	N	.040
HN3719P	N	<20	N	300	N	.040
HN3721P	N	<20	N	150	N	1.700
HN4288P	N	1,500	N	>2,000	N	<.050
HN4288P	N	10	N	200	N	--
HN4335P	N	15	N	70	N	<.050
HN4335P	N	1,000	N	>2,000	N	--
HN4337P	N	10	N	150	N	.130
HN4337P	N	3,000	N	>2,000	N	--
HN4339P	N	10	N	70	N	<.050
HN4339P	N	1,500	N	>2,000	N	--
HN5249P	N	30	N	300	N	<.050
HN5249P	N	1,000	N	>2,000	N	--
MAX1122P	<100	100	N	>2,000	N	<.050
MAX1162P	N	N	N	300	N	.300
MAX2449P	N	30	N	150	N	N
MAX5867P	N	50	N	700	N	<.050
MAX5872P	N	20	N	300	N	<.050
MAX5881P	N	30	N	700	N	<.050
MAX5883P	N	70	N	>2,000	N	.400
MAX5885P	N	N	N	200	N	<.050
MAX5887P	N	150	N	700	N	<.050
MAX5889P	N	30	N	700	N	<.050
MAX5894P	N	70	N	>2,000	N	<.050
MAX5896P	N	50	N	500	N	<.050
MAX5898P	N	150	N	1,000	N	.090
MAX6823P	<100	70	N	150	N	.200
MAX6825P	N	<20	N	1,000	N	<.050
MAX6907P	N	50	N	1,500	N	<.050
MAX6909P	N	50	N	>2,000	N	<.050
MAX6911P	N	100	N	>2,000	N	<.050
MAX6913P	N	50	N	700	N	<.050
MAX6921P	N	100	N	>2,000	N	56.700
MAX6925P	N	500	N	>2,000	N	1.030
ME1104P	N	30	N	300	N	<.050
ME1152P	N	20	N	100	N	<.050

CHAPTER G

LATITUDE 46°00' - 46°30' LONGITUDE 113°00' - 113°30'

TABLE 2. PAN-CONCENTRATE SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°x2° CUSMAP QUADRANGLE, MONTANA (continued)

SAMPLE	LATITUDE	LONGITUDE	S-FEX	S-MGZ	S-CAZ	S-TIX	S-MN	S-AG	S-AS	S-AU	S-B	S-BA	S-BE
ME1154P	46 5 58	113 8 23	1.5	2.00	5.00	.10	700	N	N	N	50	300	15.0
ME4661P	46 1 50	113 8 34	3.0	.15	.70	.70	1,500	N	N	N	N	700	5.0
ME4663P	46 1 51	113 8 25	3.0	.07	.70	.70	700	N	N	N	N	700	5.0
ME4665P	46 1 51	113 8 25	10.0	.10	.70	2.00	3,000	N	N	N	20	700	5.0
ME4667P	46 2 31	113 7 42	3.0	.20	.70	.50	2,000	N	N	N	20	700	15.0
ME4701P	46 1 55	113 14 6	2.0	1.00	1.00	.30	700	N	N	N	20	1,500	5.0
ME4704P	46 1 53	113 14 8	1.5	.70	.70	.20	300	N	N	N	50	1,500	3.0
ME4707P	46 1 19	113 13 24	5.0	.50	1.00	1.00	1,500	N	N	N	N	700	5.0
ME4710P	46 0 49	113 12 30	.7	.50	1.00	.15	300	N	N	N	20	1,000	3.0
ME4713P	46 0 4	113 11 38	.7	.30	.70	.15	700	N	N	N	N	1,500	3.0
ME6203P	46 6 47	113 12 28	3.0	.70	2.00	1.00	1,500	N	N	N	100	200	3.0
MHA3693P	46 6 44	113 3 30	1.5	.10	.70	.10	300	N	N	N	N	1,000	5.0
MHA3695P	46 7 9	113 2 40	2.0	.07	.70	.15	200	N	N	N	N	1,500	7.0
MHA3697P	46 6 50	113 1 24	1.5	.50	1.00	.20	700	N	N	N	N	1,500	5.0
MHA3699P	46 7 3	113 0 16	1.5	.20	1.00	.15	1,000	N	N	N	N	1,500	5.0
MHA3761P	46 1 3	113 2 18	7.0	2.00	3.00	1.00	2,000	N	N	N	70	700	2.0
MHA3763P	46 1 4	113 2 58	7.0	2.00	3.00	1.00	1,500	N	N	N	70	1,000	2.0
MHA3765P	46 0 3	113 3 17	3.0	.50	.70	.50	700	N	N	N	N	700	5.0
MHA3767P	46 0 34	113 5 1	3.0	1.50	1.50	.50	1,000	N	N	N	200	1,000	3.0
MHA3769P	46 0 32	113 5 55	3.0	1.50	1.50	.70	700	N	N	N	100	700	3.0
MHA3777P	46 7 7	113 6 56	3.0	2.00	7.00	.30	1,500	N	N	N	100	300	50.0
MHA3779P	46 7 6	113 6 58	1.5	5.00	5.00	.20	1,000	N	N	N	70	500	50.0
MHA3781P	46 7 22	113 7 17	3.0	5.00	10.00	.20	1,500	N	N	N	70	300	50.0
MHA4669P	46 2 14	113 6 10	10.0	.50	.70	1.50	7,000	N	N	N	N	500	5.0
MHA4671P	46 2 14	113 6 17	3.0	.20	.70	.50	3,000	N	N	N	N	700	5.0
MHA4673P	46 1 24	113 4 26	15.0	.50	.70	2.00	5,000	N	N	N	N	700	15.0
MHA4675P	46 1 27	113 4 23	5.0	.30	1.00	1.00	3,000	N	N	N	N	1,000	7.0
MHA4677P	46 1 45	113 3 8	10.0	.70	2.00	1.50	3,000	N	N	N	N	700	5.0
MHA6988P	46 5 15	113 1 57	3.0	1.00	2.00	.30	700	N	N	N	20	1,000	10.0
MHA6990P	46 4 20	113 6 8	5.0	.70	1.00	1.50	7,000	N	N	N	20	500	5.0
MHA6992P	46 4 17	113 5 42	7.0	3.00	7.00	.70	2,000	N	N	N	20	300	100.0
MHA6994P	46 3 42	113 4 58	5.0	.30	.70	.70	700	N	N	N	N	300	7.0
MHA6996P	46 3 46	113 4 52	.5	.07	.30	.15	150	N	N	N	N	700	7.0
MHA6998P	46 3 45	113 4 12	3.0	1.00	2.00	.50	1,000	N	N	N	N	500	10.0
MHA7900P	46 3 49	113 0 12	3.0	.70	1.50	1.00	3,000	N	N	N	N	500	15.0
MHA7902P	46 3 54	113 1 11	20.0	.70	3.00	2.00	2,000	N	N	N	N	300	5.0
PH2789P	46 15 43	113 16 56	1.5	.15	<.10	.15	700	N	N	N	70	300	2.0
PH2791P	46 15 24	113 17 48	1.5	.10	<.10	.30	300	N	N	N	50	500	<2.0
PH3602P	46 17 38	113 18 42	>50.0	.70	2.00	1.50	2,000	70.0	N	N	N	500	N
PH3604P	46 16 34	113 16 51	1.5	.70	.15	.20	300	N	N	N	100	500	2.0
PH4341P	46 17 41	113 20 35	2.0	.70	.07	.30	300	N	N	N	200	300	1.5
PH4341P	46 17 41	113 20 35	5.0	.70	.30	1.50	300	N	N	N	700	>10,000	3.0
PH4343P	46 16 37	113 21 48	2.0	1.00	.10	.30	300	N	N	N	200	500	2.0
PH4343P	46 16 37	113 21 48	2.0	.50	1.00	1.50	200	N	N	N	200	>10,000	2.0
PH4345P	46 15 40	113 22 4	1.5	1.50	3.00	.20	200	.5	N	N	100	300	2.0

CHAPTER G

LATITUDE 46°00'–46°30' LONGITUDE 113°00'–113°30'

TABLE 2.PAN-CONCENTRATE SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°x2°CUSMAP QUADRANGLE, MONTANA(continued)

SAMPLE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR	S-V
ME1154P	N	N	<10	20	15	50	<10	N	10	<20	N	N	N	N	50
ME4661P	N	N	N	30	<10	70	N	N	10	30	N	N	N	500	50
ME4663P	20	N	N	20	<10	70	N	<50	10	30	N	N	N	500	50
ME4665P	N	N	N	30	10	500	N	70	10	30	N	<10	N	300	150
ME4667P	N	N	N	30	<10	200	N	N	10	50	N	<10	N	200	30
ME4701P	N	N	10	30	<10	50	N	N	10	50	N	<10	N	500	30
ME4704P	N	N	N	50	<10	<50	N	N	15	20	N	<10	N	200	30
ME4707P	100	N	N	30	<10	700	N	<50	10	30	N	<10	N	300	70
ME4710P	N	N	N	30	<10	<50	N	N	<10	20	N	<10	N	300	30
ME4713P	N	N	N	30	<10	<50	N	N	<10	30	N	N	N	700	20
ME6203P	N	N	10	50	15	70	<10	<50	15	20	N	15	N	200	70
MHA3693P	N	N	N	20	<10	<50	N	N	20	50	N	N	N	500	20
MHA3695P	N	N	<10	50	10	<50	N	N	30	50	N	N	N	700	30
MHA3697P	N	N	N	50	<10	50	N	N	20	50	N	N	N	500	30
MHA3699P	N	N	<10	20	15	<50	N	N	20	70	N	N	N	700	30
MHA3761P	N	N	N	150	15	100	N	N	<10	30	N	<10	N	N	200
MHA3763P	N	N	10	100	10	70	N	N	15	20	N	10	N	<200	200
MHA3765P	N	N	N	70	10	100	N	N	10	50	N	<10	N	<200	50
MHA3767P	N	N	N	100	<10	70	N	N	15	30	N	10	N	<200	100
MHA3769P	N	N	<10	70	10	70	<10	N	15	<20	N	10	N	200	70
MHA3777P	N	N	10	50	<10	70	N	N	10	20	N	<10	N	200	70
MHA3779P	N	N	N	30	<10	70	N	N	10	30	N	<10	N	200	50
MHA3781P	N	N	10	30	20	70	N	N	15	20	N	<10	N	N	70
MHA4669P	20	N	<10	100	10	700	N	50	15	50	N	15	N	<200	100
MHA4671P	N	N	N	70	<10	200	N	N	10	30	N	<10	N	200	50
MHA4673P	N	N	<10	100	10	500	N	70	10	70	N	15	N	N	150
MHA4675P	N	N	<10	70	<10	500	N	<50	10	70	N	10	N	200	70
MHA4677P	N	N	N	100	<10	700	N	<50	10	50	N	10	N	200	200
MHA6988P	N	N	<10	50	20	50	N	N	10	50	N	<10	N	700	70
MHA6990P	N	N	<10	100	<10	1,500	N	70	<10	50	N	<10	N	300	70
MHA6992P	N	N	30	100	70	150	N	N	15	50	N	<10	N	300	150
MHA6994P	N	N	10	30	20	1,500	15	<50	10	70	N	<10	N	N	100
MHA6996P	N	N	N	50	<10	50	N	N	<10	50	N	N	N	N	<20
MHA6998P	N	N	<10	50	10	200	N	N	10	30	N	10	N	300	100
MHA7900P	50	N	N	50	10	1,500	N	50	<10	50	N	<10	N	<200	70
MHA7902P	50	N	15	200	100	>2,000	N	100	15	70	N	<10	N	N	300
PH2789P	N	N	10	20	<10	50	N	N	10	20	N	N	N	N	30
PH2791P	N	N	10	30	<10	<50	N	N	<10	<20	N	10	N	N	30
PH3602P	N	N	20	300	70	1,000	N	<50	<10	150	N	N	N	N	2,000
PH3604P	N	N	<10	<20	<10	<50	N	N	10	<20	N	N	N	N	50
PH4341P	N	N	7	30	15	30	N	<20	10	20	N	7	N	N	50
PH4341P	N	N	<10	200	10	200	N	<50	10	70	N	<10	N	N	100
PH4343P	N	N	10	50	10	30	N	<20	15	20	N	7	N	N	70
PH4343P	N	N	<10	150	15	100	100	70	<10	1,500	N	<10	<20	5,000	70
PH4345P	N	N	5	15	10	30	N	<20	10	30	N	7	N	N	50

CHAPTER G

LATITUDE 46°00'-46°30' LONGITUDE 113°00'-113°30'

TABLE 2.PAN-CONCENTRATE SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°x2°CUSMAP QUADRANGLE, MONTANA(continued)

SAMPLE	S-W	S-Y	S-ZN	S-ZR	S-TH	AA-AU
ME1154P	100	20	N	150	N	1.540
ME4661P	N	20	N	300	N	<.050
ME4663P	N	30	N	300	N	<.050
ME4665P	<100	300	N	1,000	N	<.050
ME4667P	N	700	N	300	N	<.050
ME4701P	N	20	N	150	N	<.050
ME4704P	N	<20	N	200	N	<.050
ME4707P	N	50	N	300	N	<.050
ME4710P	N	<20	N	300	N	<.050
ME4713P	N	30	N	70	N	<.050
ME6203P	<100	30	N	500	N	N
MHA3693P	N	N	N	150	N	<.050
MHA3695P	N	N	N	150	N	<.050
MHA3697P	N	20	N	300	N	<.050
MHA3699P	N	N	N	100	N	<.050
MHA3761P	N	100	N	1,500	N	<.050
MHA3763P	N	50	N	1,000	N	<.050
MHA3765P	N	20	N	200	N	<.050
MHA3767P	N	30	N	700	N	1.500
MHA3769P	N	30	N	500	N	<.050
MHA3777P	<100	20	N	150	N	<.050
MHA3779P	N	<20	N	150	N	<.050
MHA3781P	100	30	N	150	N	<.050
MHA4669P	N	300	N	700	N	<.050
MHA4671P	N	150	N	500	N	<.050
MHA4673P	N	200	N	700	<200	<.050
MHA4675P	N	150	N	500	<200	<.050
MHA4677P	N	70	N	1,500	<200	<.050
MHA6988P	N	50	N	700	N	<.050
MHA6990P	<100	300	N	>2,000	200	<.050
MHA6992P	N	70	N	>2,000	N	<.050
MHA6994P	<100	70	N	500	300	<.050
MHA6996P	N	N	N	100	N	<.050
MHA6998P	N	30	N	500	N	<.050
MHA7900P	100	200	N	2,000	500	<.050
MHA7902P	<100	500	N	>2,000	1,000	N
PH2789P	N	100	N	300	N	<.050
PH2791P	N	70	N	>2,000	N	<.050
PH3602P	150	200	N	>2,000	N	3.800
PH3604P	N	<20	N	500	N	<.050
PH4341P	N	30	N	200	N	<.050
PH4341P	N	200	N	>2,000	N	--
PH4343P	N	30	N	200	N	.060
PH4343P	<100	1,000	N	>2,000	N	--
PH4345P	N	20	N	100	N	<.050

CHAPTER G

LATITUDE 46°00'–46°30' LONGITUDE 113°00'–113°30'

TABLE 2.PAN-CONCENTRATE SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°x2°CUSMAP QUADRANGLE, MONTANA(continued)

SAMPLE	LATITUDE	LONGITUDE	S-FEX	S-MGZ	S-CAZ	S-TIX	S-MN	S-AG	S-AS	S-AU	S-B	S-BA	S-BE
PH4345P	46 15 40	113 22 4	20.0	2.00	1.50	2.00	7,000	N	N	N	300	7,000	<2.0
PH4363P	46 21 2	113 21 46	1.0	.20	.07	.15	200	N	N	N	100	300	1.5
PH4363P	46 21 2	113 21 46	7.0	.50	.50	2.00	700	N	N	N	500	5,000	5.0
PH4365P	46 19 23	113 22 4	.5	.10	.05	.07	150	<.5	N	N	50	200	<1.0
PH4365P	46 19 23	113 22 4	7.0	.50	1.00	2.00	500	N	<500	N	1,500	2,000	5.0
PH4367P	46 18 12	113 22 29	3.0	.70	.07	.30	300	N	N	N	300	500	2.0
PH4367P	46 18 12	113 22 29	5.0	.70	.30	1.50	150	N	N	N	700	3,000	2.0
PH5388P	46 17 49	113 15 42	30.0	3.00	5.00	1.50	2,000	N	N	N	20	500	N
PH5392P	46 22 8	113 17 0	3.0	.50	1.50	.30	2,000	N	N	N	100	200	2.0
PH6237P	46 17 18	113 17 17	10.0	.30	2.00	1.00	3,000	50.0	<500	N	20	500	N
PI1	46 27 58	113 3 10	30.0	.70	7.00	.70	3,000	N	N	N	<20	700	<2.0
PI1	46 27 58	113 3 10	15.0	1.50	10.00	1.00	3,000	N	N	N	20	300	2.0
PI1156P	46 28 54	113 1 6	5.0	.70	2.00	.50	1,000	N	N	N	20	300	<2.0
PI1160P	46 28 58	113 4 12	15.0	3.00	3.00	1.00	2,000	N	N	N	20	100	N
PI2004P	46 27 8	113 5 11	20.0	.30	2.00	.20	1,000	3.0	N	N	20	300	<2.0
PI2007P	46 23 28	113 7 14	20.0	.05	.70	.05	100	50.0	2,000	N	20	1,000	N
PI2451P	46 29 26	113 7 1	5.0	.70	.70	.50	500	N	N	N	50	300	<2.0
PI5899P	46 24 32	113 7 3	10.0	.20	1.50	1.00	2,000	30.0	N	100	20	300	<2.0
PI6802P	46 23 3	113 7 6	20.0	.70	1.50	.70	700	N	N	N	30	200	N
PI6807P	46 27 14	113 5 15	30.0	.30	2.00	.70	1,500	N	N	N	N	70	N
PI6809P	46 27 48	113 3 4	30.0	.30	1.00	.70	1,500	N	N	N	20	200	N
PI6820P	46 28 2	113 3 1	30.0	.50	5.00	.70	2,000	30.0	N	100	N	70	N
PI6923P	46 25 38	113 6 1	>50.0	.10	.70	1.00	2,000	N	N	N	N	200	N
PI6929P	46 28 53	113 5 3	5.0	.70	5.00	.50	1,500	N	N	N	20	500	<2.0
PI6931P	46 29 13	113 1 40	>50.0	.70	2.00	1.00	2,000	N	N	N	N	200	N
PI6933P	46 29 15	113 1 45	>50.0	1.00	3.00	1.00	2,000	N	N	N	N	150	N
POT4382P	46 14 46	113 22 49	2.0	1.00	.30	.20	1,000	N	N	N	150	500	1.5
POT4382P	46 14 46	113 22 49	10.0	.50	.70	1.50	10,000	N	N	N	50	5,000	5.0
POT4384P	46 14 17	113 23 55	.7	.70	10.00	.15	700	N	N	N	70	200	1.0
POT4384P	46 14 17	113 23 55	3.0	.50	3.00	.70	7,000	N	N	N	70	>10,000	3.0
POT4386P	46 14 13	113 25 0	.7	.70	.30	.15	50	N	N	N	70	300	1.5
POT4388P	46 14 14	113 24 2	.3	.30	.20	.10	50	N	N	N	100	200	1.0
POT4388P	46 14 14	113 24 2	15.0	2.00	2.00	>2.00	3,000	N	N	N	150	5,000	N
POT4390P	46 13 44	113 23 47	.7	.50	3.00	.15	150	N	N	N	100	200	1.5
POT4390P	46 13 44	113 23 47	15.0	1.00	3.00	2.00	2,000	N	N	N	200	>10,000	3.0
POT4392P	46 14 2	113 26 50	.7	.20	.30	.10	50	N	N	N	150	150	1.0
POT4392P	46 14 2	113 26 50	2.0	.20	.70	.50	200	7.0	700	N	200	>10,000	2.0
POT4399P	46 13 50	113 29 8	.7	.50	3.00	.10	100	N	N	N	70	200	<1.0
POT4399P	46 13 50	113 29 8	15.0	3.00	1.00	2.00	2,000	N	N	N	150	1,500	20.0
POT5201P	46 11 51	113 28 58	.7	.70	7.00	.15	300	N	N	N	100	150	2.0
POT5201P	46 11 51	113 28 58	2.0	2.00	10.00	1.00	700	N	N	N	100	>10,000	3.0
POT5203P	46 12 39	113 24 55	2.0	.70	.07	.30	300	N	N	N	300	300	3.0
POT5203P	46 12 39	113 24 55	7.0	.70	.15	1.50	150	N	N	N	1,000	>10,000	5.0
POT5205P	46 10 11	113 23 39	.3	.10	.05	.07	70	<.5	N	N	70	300	<1.0
POT5207P	46 11 8	113 26 34	.2	.15	.10	.07	20	N	N	N	70	300	<1.0

CHAPTER G

LATITUDE 46°00'–46°30' LONGITUDE 113°00'–113°30'

TABLE 2. PAN-CONCENTRATE SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°x2° CUSMAP QUADRANGLE, MONTANA (continued)

SAMPLE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SM	S-SR	S-V
PH4345P	N	N	150	200	100	200	N	<50	150	200	N	N	200	N	700
PH4363P	N	N	5	20	5	30	N	<20	5	20	N	5	N	N	30
PH4363P	N	N	10	70	15	500	N	<50	20	50	N	<10	N	N	150
PH4365P	N	N	<5	10	<5	20	N	<20	<5	15	N	N	N	N	15
PH4365P	<20	N	10	100	30	700	N	<50	30	500	<200	50	N	N	70
PH4367P	N	N	7	50	15	30	N	<20	15	30	N	7	N	N	50
PH4367P	N	N	<10	50	20	70	N	<50	20	700	N	10	200	N	100
PH5388P	N	N	20	150	<10	500	N	<50	15	20	N	50	N	500	1,000
PH5392P	N	N	15	70	30	<50	N	N	50	70	N	<10	N	N	100
PH6237P	<20	N	10	70	150	1,500	N	50	N	200	200	15	N	200	300
PI1	N	N	30	50	200	500	30	<50	30	100	N	<10	N	<200	500
PI1	150	N	70	50	150	500	70	<50	15	150	N	10	20	200	200
PI1156P	N	N	10	50	20	200	N	N	20	<20	N	<10	N	<200	100
PI1160P	N	N	30	1,500	30	N	N	N	200	<20	N	20	N	N	1,000
PI2004P	N	N	10	<20	70	300	N	N	<10	50	N	<10	N	300	200
PI2007P	70	N	150	<20	3,000	N	N	N	150	1,500	1,500	<10	N	N	<20
PI2451P	N	N	15	30	30	70	N	N	50	50	N	10	N	N	100
PI5899P	<20	N	<10	<20	200	2,000	100	N	<10	2,000	200	<10	N	200	200
PI6802P	N	N	20	20	30	70	N	N	10	100	N	10	N	N	700
PI6807P	<20	N	20	20	30	1,500	N	N	50	70	N	<10	N	N	500
PI6809P	N	N	15	30	15	1,500	<10	<50	<10	70	N	<10	N	N	500
PI6820P	70	N	20	150	70	1,000	30	<50	30	70	N	<10	N	N	500
PI6923P	N	N	15	50	50	500	N	N	<10	50	N	N	N	N	1,500
PI6929P	N	N	10	70	20	50	N	N	10	<20	N	10	N	N	150
PI6931P	70	N	15	300	30	1,000	N	N	15	30	N	10	N	N	1,500
PI6933P	300	N	15	700	50	1,000	N	N	30	30	N	10	N	N	1,000
POT4382P	N	N	15	20	15	30	N	<20	15	50	N	5	N	N	50
POT4382P	N	N	150	30	100	200	N	<50	100	70	N	15	N	N	300
POT4384P	N	N	10	10	7	30	N	<20	7	30	N	5	N	N	20
POT4384P	N	N	150	50	50	1,000	N	<50	20	70	N	<10	N	2,000	50
POT4386P	N	N	7	20	5	30	N	<20	7	20	N	5	N	N	30
POT4388P	N	N	<5	N	<5	30	N	N	7	10	N	5	N	N	15
POT4388P	N	N	15	150	30	500	N	<50	50	700	<200	50	700	N	300
POT4390P	N	N	5	10	7	30	N	<20	7	50	N	5	N	N	20
POT4390P	N	N	50	150	500	200	N	<50	150	1,000	<200	20	50	N	200
POT4392P	N	N	<5	10	5	30	N	N	7	30	N	5	N	N	10
POT4392P	N	N	N	20	100	500	N	<50	<10	5,000	500	15	1,000	N	30
POT4399P	N	N	<5	10	<5	<20	N	N	5	20	N	5	N	N	15
POT4399P	N	N	50	70	20	500	N	<50	70	100	N	20	20	N	300
POT5201P	N	N	5	10	5	20	N	N	7	20	N	5	N	N	15
POT5201P	N	N	<10	30	<10	50	N	<50	10	70	N	15	N	300	30
POT5203P	N	N	5	20	<5	30	N	<20	15	20	N	10	N	N	50
POT5203P	N	N	<10	100	<10	150	N	<50	15	700	N	10	N	<200	100
POT5205P	N	N	<5	10	<5	20	N	N	<5	20	N	<5	N	N	10
POT5207P	N	N	<5	<10	<5	20	N	N	5	15	N	<5	N	N	10

CHAPTER G

LATITUDE 46°00'–46°30' LONGITUDE 113°00'–113°30'

TABLE 2.PAN-CONCENTRATE SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°x2°CUSMAP QUADRANGLE, MONTANA(continued)

SAMPLE	S-W	S-Y	S-ZN	S-ZR	S-TH	AA-AU
PH4345P	N	200	N	>2,000	N	--
PH4363P	N	20	N	300	N	<.050
PH4363P	N	700	N	>2,000	N	--
PH4365P	N	<10	N	70	N	1.210
PH4365P	N	1,000	N	>2,000	N	--
PH4367P	N	30	N	300	N	.260
PH4367P	N	150	N	>2,000	N	--
PH5388P	N	200	N	>2,000	N	<.050
PH5392P	N	30	N	200	N	<.050
PH6237P	300	300	1,500	>2,000	N	1,900
PI1	1,000	100	N	700	N	--
PI1	2,000	100	N	1,500	N	--
PI1156P	N	50	N	300	N	<.050
PI1160P	N	<20	700	100	N	160,000
PI2004P	150	70	N	500	N	.120
PI2007P	N	N	3,000	100	N	.060
PI2451P	N	50	N	200	N	<.020
PI5899P	300	300	N	>2,000	200	111,000
PI6802P	100	50	N	500	N	.500
PI6807P	200	150	N	1,000	N	<.050
PI6809P	500	150	N	1,000	<200	.400
PI6820P	700	150	N	2,000	N	14,140
PI6923P	N	150	N	>2,000	N	1.250
PI6929P	200	30	N	500	N	1.560
PI6931P	N	150	N	>2,000	N	<.050
PI6933P	N	150	N	>2,000	N	7.240
POT4382P	N	20	N	200	N	<.050
POT4382P	N	200	N	2,000	N	--
POT4384P	N	20	N	100	N	<.050
POT4384P	N	200	N	>2,000	N	--
POT4386P	N	15	N	150	N	<.050
POT4388P	N	10	N	100	N	<.050
POT4388P	N	2,000	N	>2,000	N	--
POT4390P	N	15	N	70	N	<.050
POT4390P	N	>5,000	N	2,000	N	--
POT4392P	N	N	N	70	N	<.050
POT4392P	300	150	N	>2,000	<200	--
POT4399P	N	<10	N	100	N	<.050
POT4399P	N	1,000	N	>2,000	N	--
POT5201P	N	15	N	70	N	<.050
POT5201P	N	700	N	>2,000	N	--
POT5203P	N	20	N	200	N	<.050
POT5203P	N	200	N	>2,000	N	--
POT5205P	N	N	N	70	N	.070
POT5207P	N	15	N	70	N	<.050

CHAPTER G

LATITUDE 46°00'-46°30' LONGITUDE 113°00'-113°30'

TABLE 2.PAN-CONCENTRATE SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°x2°CUSMAP QUADRANGLE, MONTANA(continued)

SAMPLE	LATITUDE	LONGITUDE	S-FEX	S-MGX	S-CAZ	S-TIX	S-MN	S-AG	S-AS	S-AU	S-B	S-BA	S-BE
POT5207P	46 11 8	113 26 34	1.0	.50	7.00	>2.00	500	N	N	N	500	10,000	3.0
POT5209P	46 11 56	113 29 47	.7	.50	7.00	.10	300	N	N	N	70	200	1.0
POT5209P	46 11 56	113 29 47	2.0	2.00	7.00	2.00	1,000	N	N	N	200	>10,000	7.0
POT5213P	46 11 37	113 27 12	1.0	.20	.15	.15	100	N	N	N	200	200	1.0
POT5213P	46 11 37	113 27 12	3.0	.20	.15	1.00	500	N	N	N	700	>10,000	3.0
POT5271P	46 7 42	113 29 21	.3	.10	.10	.07	70	N	N	N	20	500	<1.0
POT5271P	46 7 42	113 29 21	2.0	.50	7.00	>2.00	500	N	N	N	700	5,000	7.0
POT5273P	46 8 34	113 29 51	.7	.20	.20	.15	300	N	N	N	70	500	1.0
POT5273P	46 8 34	113 29 51	5.0	.70	5.00	>2.00	700	N	N	N	500	>5,000	5.0
POT5352P	46 9 23	113 29 58	.5	.20	.15	.07	20	N	N	N	150	500	1.5
POT5352P	46 9 23	113 29 58	2.0	.70	5.00	>2.00	300	N	1,500	N	1,000	3,000	2.0
POT5358P	46 8 52	113 22 53	15.0	1.00	.70	.50	700	N	N	N	150	500	<2.0
POT5394P	46 10 13	113 27 45	7.0	.20	.70	1.50	1,000	N	N	N	70	500	<2.0
POT5397P	46 8 4	113 25 6	1.0	.15	.15	.50	100	N	N	N	70	200	N
PZ3	46 17 31	113 0 42	30.0	.30	5.00	1.50	5,000	N	N	N	<20	500	N
S0009P	46 15 54	113 29 25	2.0	.20	.20	.30	>10,000	N	N	N	50	10,000	3.0
S0011P	46 15 56	113 28 27	1.5	.70	3.00	.20	500	N	N	N	150	300	3.0
S0014P	46 21 35	113 23 30	1.0	.30	.10	.15	300	N	N	N	150	300	3.0
S0016P	46 21 42	113 24 59	1.5	.30	.10	.30	150	N	N	N	150	200	3.0
S0018P	46 21 32	113 24 56	1.5	.20	<.10	.50	300	N	N	N	150	150	2.0
S0020P	46 21 31	113 27 2	5.0	1.00	.20	.50	1,500	N	N	N	200	700	3.0
S0022P	46 21 52	113 28 8	5.0	1.50	3.00	.30	1,000	N	N	N	150	7,000	5.0
S0024P	46 18 58	113 24 38	5.0	1.00	.15	.30	5,000	1.0	N	N	300	1,000	5.0
S0026P	46 18 2	113 25 52	3.0	.30	<.10	.30	2,000	N	N	N	150	500	3.0
S0029P	46 20 5	113 27 5	3.0	1.00	.15	.50	300	N	N	N	500	300	3.0
S0031P	46 19 58	113 27 8	5.0	1.00	.20	.70	700	N	N	N	500	300	3.0
S0067P	46 27 43	113 24 59	3.0	.70	.15	.20	3,000	<1.0	N	N	30	500	5.0
S0069P	46 27 58	113 23 45	5.0	.70	<.10	.20	1,000	N	N	N	30	500	5.0
S0071P	46 27 1	113 23 42	1.0	.50	.15	.50	300	N	N	N	20	300	2.0
SLV1100P	46 9 12	113 13 29	15.0	3.00	3.00	.30	1,000	N	N	N	150	300	3.0
SLV1102P	46 8 46	113 12 30	7.0	2.00	5.00	.50	1,500	<1.0	N	N	100	500	5.0
SLV1106P	46 14 37	113 9 18	15.0	1.00	1.50	.30	1,500	N	N	N	50	300	3.0
SLV1112P	46 13 45	113 11 5	30.0	.70	1.00	.70	1,000	N	N	N	150	300	3.0
SLV1114P	46 13 45	113 11 5	10.0	1.00	1.00	.50	700	N	N	N	300	300	2.0
SLV1116P	46 14 32	113 10 50	3.0	.20	.15	.30	200	N	N	N	100	300	2.0
SLV115	46 13 56	113 11 57	50.0	.20	2.00	.05	3,000	2.0	1,500	N	300	700	10.0
SLV3610P	46 10 7	113 9 15	20.0	3.00	7.00	1.00	3,000	7.0	N	N	70	500	5.0
SLV6200P	46 10 34	113 12 45	7.0	1.00	1.50	.50	700	N	N	N	100	150	<2.0
SLV6209P	46 13 28	113 10 58	1.5	.30	.70	.15	300	N	N	N	50	150	N
SLV6213P	46 13 43	113 10 45	2.0	2.00	7.00	.15	300	N	N	N	70	150	<2.0
SLV6215P	46 14 30	113 10 52	2.0	.10	.10	.20	50	N	N	N	100	150	<2.0
SLV6217P	46 7 31	113 8 55	10.0	2.00	3.00	.10	500	N	N	N	70	150	2.0
SLV6219P	46 9 26	113 14 3	7.0	3.00	10.00	.20	300	N	N	N	50	70	<2.0
SLV6221P	46 12 43	113 12 19	1.5	.15	.20	.10	150	N	N	N	70	200	<2.0
SLV6223P	46 10 10	113 9 14	10.0	.70	.15	1.00	500	2.0	N	N	50	200	<2.0

CHAPTER G

LATITUDE 46°00'-46°30' LONGITUDE 113°00'-113°30'

TABLE 2.PAN-CONCENTRATE SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°x2°CUSMAP QUADRANGLE, MONTANA(continued)

SAMPLE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR	S-V
POT5207P	N	N	<10	50	20	1,000	N	<50	<10	150	N	20	50	N	200
POT5209P	N	N	5	10	7	20	N	M	5	20	N	5	N	N	15
POT5209P	N	N	20	30	150	200	N	<50	<10	150	N	<10	N	N	70
POT5213P	N	N	<5	10	<5	30	N	<20	7	15	N	5	N	N	20
POT5213P	N	N	<10	30	<10	100	N	<50	<10	20	N	<10	N	2,000	70
POT5271P	N	N	5	<10	5	20	N	<20	<5	20	N	<5	N	N	10
POT5271P	N	N	<10	50	15	500	<10	70	N	100	N	10	50	N	100
POT5273P	N	N	5	15	5	<20	N	<20	5	30	N	<5	N	<100	20
POT5273P	N	N	<10	30	20	1,500	N	50	N	700	N	10	<20	N	150
POT5352P	N	N	5	10	<5	20	N	<20	5	30	N	<5	N	<100	10
POT5352P	N	N	<10	50	30	700	N	<50	<10	1,000	N	<10	N	N	100
POT5358P	N	N	15	100	15	70	N	M	20	50	N	<10	N	N	70
POT5394P	N	N	10	100	<10	70	N	N	10	20	N	10	N	N	100
POT5397P	N	N	<10	30	<10	70	N	M	10	<20	N	10	N	N	30
P23	N	N	10	70	50	>2,000	N	50	<10	50	N	<10	N	<200	500
S0009P	N	N	15	30	30	50	N	N	<10	70	N	<10	N	<200	100
S0011P	N	N	<10	30	10	50	N	M	15	<20	N	10	N	N	70
S0014P	N	N	<10	50	<10	50	N	M	10	<20	N	<10	N	<200	30
S0016P	N	N	<10	30	<10	70	N	N	15	<20	N	<10	N	N	30
S0018P	N	N	<10	30	<10	70	N	M	10	<20	N	<10	N	N	30
S0020P	N	N	20	100	20	70	N	N	30	20	N	15	N	N	100
S0022P	<20	N	30	70	70	50	N	M	30	30	N	10	N	N	70
S0024P	N	N	100	70	30	50	N	M	30	200	N	10	N	N	70
S0026P	N	N	15	50	10	50	N	M	15	50	N	<10	N	N	70
S0029P	N	N	10	100	<10	70	N	N	20	20	N	10	N	N	100
S0031P	N	N	10	100	10	70	N	<50	20	20	N	10	N	N	100
S0067P	N	N	20	50	150	50	150	M	30	50	N	10	N	N	70
S0069P	<20	N	10	70	100	50	500	M	15	100	N	10	N	N	70
S0071P	N	N	<10	50	<10	50	15	<50	15	30	N	<10	N	N	50
SLV1100P	N	N	50	50	70	70	N	<50	150	200	N	10	N	N	150
SLV1102P	N	N	15	150	30	100	N	M	20	20	N	20	N	500	200
SLV1106P	30	N	50	70	150	50	M	M	100	200	N	10	N	N	200
SLV1112P	N	N	70	100	70	70	N	M	70	100	N	N	N	N	200
SLV1114P	N	N	20	70	30	70	M	M	50	50	N	10	N	N	150
SLV1116P	N	N	15	30	<10	50	N	N	10	<20	N	<10	N	N	50
SLV115	70	N	70	<20	200	50	N	M	50	200	N	10	N	N	50
SLV3610P	N	N	30	150	1,500	50	20	N	20	500	N	50	70	700	300
SLV6200P	N	N	50	30	<10	50	N	N	70	70	N	10	N	N	100
SLV6209P	N	N	10	<20	<10	<50	N	M	15	20	N	<10	N	N	30
SLV6213P	N	N	10	30	10	100	N	N	30	50	N	10	N	<200	50
SLV6215P	N	N	15	30	<10	50	N	N	10	20	N	10	N	N	30
SLV6217P	<20	N	50	30	150	50	N	N	150	300	200	10	N	N	50
SLV6219P	<20	N	50	20	30	<50	N	N	150	50	N	<10	N	N	70
SLV6221P	<20	N	10	<20	<10	N	N	N	15	20	N	<10	N	N	20
SLV6223P	<20	N	15	30	700	150	N	N	10	100	N	15	N	N	150

CHAPTER G

LATITUDE 46°00'–46°30' LONGITUDE 113°00'–113°30'

TABLE 2.PAN-CONCENTRATE SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°x2°CUSMAP QUADRANGLE, MONTANA(continued)

SAMPLE	S-W	S-Y	S-ZN	S-ZR	S-TH	AA-AU
POT5207P	N	700	N	>2,000	N	--
POT5209P	N	10	N	50	N	.050
POT5209P	<100	500	N	>2,000	500	--
POT5213P	N	15	N	150	N	<.050
POT5213P	N	200	N	>2,000	N	--
POT5271P	N	<10	N	70	N	<.050
POT5271P	100	700	N	>2,000	N	--
POT5273P	N	10	N	100	N	<.050
POT5273P	<100	500	N	>2,000	N	--
POT5352P	N	20	N	300	N	<.050
POT5352P	N	700	N	>2,000	N	--
POT5358P	N	500	N	200	N	<.050
POT5394P	N	70	N	>2,000	N	<.050
POT5397P	N	50	N	1,500	N	.030
PZ3	300	1,000	N	1,500	200	--
S0009P	N	30	N	500	N	<.050
S0011P	N	30	N	150	N	<.050
S0014P	N	30	N	300	N	<.050
S0016P	N	70	N	300	N	<.050
S0018P	N	20	N	1,000	N	<.050
S0020P	N	50	N	500	N	70,600
S0022P	N	50	N	300	N	.160
S0024P	N	30	N	500	N	<.050
S0026P	N	30	N	300	N	<.050
S0029P	N	50	N	500	N	<.050
S0031P	N	50	N	700	N	.050
S0067P	N	50	1,500	300	N	.090
S0069P	<100	30	500	300	N	<.050
S0071P	100	50	N	2,000	N	<.050
SLV1100P	200	20	N	700	N	<.050
SLV1102P	N	50	N	700	N	<.050
SLV1106P	N	30	N	200	N	<.050
SLV1112P	N	50	N	1,500	N	2,600
SLV1114P	N	150	N	700	N	.460
SLV1116P	N	20	N	700	N	<.050
SLV1115	N	70	N	30	N	--
SLV3610P	<100	70	7,000	>2,000	N	.230
SLV6200P	N	<20	N	500	N	N
SLV6209P	N	N	3,000	100	N	.020
SLV6213P	N	<20	N	100	N	N
SLV6215P	N	30	N	1,000	N	.300
SLV6217P	<100	20	N	150	N	N
SLV6219P	N	<20	N	70	N	N
SLV6221P	N	<20	N	500	N	N
SLV6223P	<100	30	1,000	1,000	N	5,900

CHAPTER G

LATITUDE 46°00'-46°30' LONGITUDE 113°00'-113°30'

TABLE 2.PAN-CONCENTRATE SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°x2°CUSMAP QUADRANGLE, MONTANA(continued)

SAMPLE	LATITUDE	LONGITUDE	S-FEX	S-MGX	S-CAX	S-TIX	S-MN	S-AG	S-AS	S-AU	S-B	S-BA	S-BE
SLV6225P	46 10 7	113 9 11	10.0	1.00	3.00	1.50	2,000	N	N	N	30	200	5.0
SLV6227P	46 8 25	113 8 46	1.5	1.00	2.00	.30	500	N	N	N	100	200	5.0
SLV6229P	46 10 32	113 8 2	2.0	1.00	3.00	.20	300	N	N	N	50	300	5.0
SLV6231P	46 10 31	113 8 0	7.0	1.50	3.00	1.00	1,000	N	N	N	150	200	5.0
SQ1	46 5 27	113 22 4	10.0	1.50	5.00	.70	700	N	N	N	100	500	15.0
SQ1148	46 6 17	113 16 43	5.0	2.00	7.00	1.00	700	N	N	N	100	200	<2.0
SQ1P	46 5 27	113 22 4	15.0	2.00	5.00	1.00	1,000	1.5	N	N	200	700	7.0
SQ2559P	46 3 25	113 18 13	5.0	3.00	1.00	.20	700	<1.0	N	N	150	1,000	3.0
SQ2562P	46 3 24	113 18 1	3.0	5.00	1.50	.20	700	N	N	N	150	500	3.0
SQ2565P	46 3 24	113 18 0	2.0	2.00	.30	.30	150	N	N	N	150	700	2.0
SQ2581P	46 5 19	113 21 28	5.0	3.00	3.00	.20	500	N	N	N	150	500	2.0
SQ2584P	46 1 40	113 20 14	1.0	.70	.20	.20	200	N	N	N	N	300	15.0
SQ2586P	46 2 14	113 20 22	3.0	1.00	.15	.50	300	N	N	N	100	1,000	3.0
SQ2588P	46 2 24	113 20 44	1.0	1.00	1.50	.15	500	N	N	N	<20	500	10.0
SQ2590P	46 2 52	113 20 56	5.0	1.50	.50	.30	1,000	N	N	N	150	700	3.0
SQ2593P	46 3 17	113 21 47	3.0	1.50	1.00	.20	500	N	N	N	50	700	5.0
SQ2595P	46 3 20	113 21 49	3.0	5.00	7.00	.20	700	N	N	N	20	700	5.0
SQ2596P	46 3 27	113 21 54	3.0	1.00	.15	.20	300	N	N	N	200	700	3.0
SQ3616P	46 7 28	113 17 50	10.0	2.00	1.50	.70	5,000	1.5	N	N	300	700	3.0
SQ3618P	46 6 58	113 19 59	7.0	1.50	.50	.50	700	N	N	N	300	500	3.0
SQ3792P	46 1 48	113 15 55	3.0	1.00	.70	.30	1,000	N	N	N	100	1,500	5.0
SQ3795P	46 1 46	113 15 54	2.0	.70	.20	.30	300	N	N	N	200	1,000	3.0
SQ3798P	46 1 58	113 15 17	2.0	.70	.70	.30	500	N	N	N	20	1,500	5.0
SQ6245P	46 7 28	113 21 33	1.5	1.50	.20	.20	500	20.0	N	N	100	300	<2.0
SQ6247P	46 6 22	113 16 48	3.0	1.00	1.50	.30	300	N	N	N	100	300	<2.0
SQ9110	46 4 39	113 21 51	3.0	2.00	3.00	.30	500	N	N	N	50	500	10.0
SQ9111	46 5 21	113 21 53	5.0	2.00	3.00	.20	700	N	N	N	30	500	5.0
SQ9112	46 5 26	113 22 3	3.0	2.00	3.00	.20	500	N	N	N	50	300	20.0
SQ9201H	46 0 28	113 18 17	1.5	.70	.20	.30	300	N	N	N	70	500	5.0
SQ9202H	46 0 24	113 18 11	3.0	.20	.30	.50	700	N	N	N	N	300	5.0
SQ9203H	46 0 22	113 17 30	1.5	.70	.50	.20	500	N	N	N	50	500	5.0
SQ9204H	46 0 6	113 17 5	1.0	.70	.50	.15	500	N	N	N	100	500	10.0
SQ9501	46 0 38	113 15 6	.7	.10	.50	.15	300	N	N	N	<20	700	3.0
SQ9502	46 0 43	113 15 5	.3	.07	.50	.07	200	N	N	N	N	500	3.0
WE3624P	46 14 32	113 6 30	3.0	.30	3.00	.15	1,500	2.0	N	N	<20	500	3.0
WE3626P	46 12 50	113 7 0	20.0	3.00	7.00	.70	2,000	N	N	N	50	700	15.0
WE3628P	46 10 11	113 4 29	3.0	7.00	30.00	.15	700	<1.0	N	N	50	700	3.0
WE3630P	46 10 59	113 5 33	7.0	7.00	15.00	.50	1,000	N	N	N	150	300	<2.0
WE3632P	46 11 26	113 6 15	5.0	10.00	20.00	.50	1,000	<1.0	N	N	30	300	<2.0
WE3634P	46 10 2	113 2 37	10.0	2.00	5.00	>2.00	2,000	2.0	N	N	100	300	5.0
WE3636P	46 10 2	113 2 37	10.0	2.00	3.00	>2.00	3,000	N	N	N	200	300	3.0
WE3638P	46 10 2	113 2 32	15.0	3.00	5.00	>2.00	2,000	N	N	N	150	500	3.0
WE3640P	46 10 19	113 1 8	5.0	1.50	1.00	1.50	2,000	<1.0	N	N	150	500	5.0
WE3738P	46 14 10	113 4 26	10.0	.30	2.00	.50	2,000	N	N	N	N	700	3.0
WE3740P	46 14 8	113 4 25	15.0	.20	2.00	.30	2,000	N	N	N	N	700	3.0

CHAPTER G

LATITUDE 46°00'–46°30' LONGITUDE 113°00'–113°30'

TABLE 2. PAN-CONCENTRATE SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°x2° CUSMAP QUADRANGLE, MONTANA (continued)

SAMPLE	S-BI	S-CD	S-CD	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR	S-V
SLV6225P	<20	N	20	100	150	150	N	<50	10	50	N	30	N	<200	150
SLV6227P	<20	N	10	20	15	50	N	N	10	20	N	10	N	N	50
SLV6229P	<20	N	30	30	1,000	50	30	N	20	200	N	10	30	<200	30
SLV6231P	<20	N	15	50	70	150	N	<50	10	50	N	20	N	N	100
Sq1	20	N	50	50	50	2,000	N	<50	20	100	N	10	N	N	70
SQ1148	N	N	15	150	10	150	N	N	10	20	N	15	N	N	150
SQ1P	N	N	70	300	100	1,000	N	50	150	100	N	10	N	<200	70
SQ2559P	N	N	20	70	50	70	N	<50	50	70	N	10	N	N	50
SQ2562P	N	N	10	70	10	300	N	N	20	20	N	10	N	N	50
SQ2565P	N	N	10	30	<10	50	N	N	15	<20	N	10	N	N	50
SQ2581P	N	N	15	50	20	50	N	N	50	20	N	<10	N	<200	50
SQ2584P	N	N	<10	30	<10	<50	N	N	10	<20	N	<10	N	N	20
SQ2586P	N	N	15	50	10	70	N	N	20	<20	N	<10	N	N	50
SQ2588P	N	N	<10	30	<10	70	N	N	15	<20	N	<10	N	200	20
SQ2590P	N	N	20	50	50	50	N	N	30	30	N	<10	N	N	50
SQ2593P	N	N	10	30	10	<50	10	N	20	20	N	<10	N	<200	30
SQ2595P	N	N	15	20	50	500	N	<50	20	70	N	10	N	200	30
SQ2596P	N	N	10	50	<10	50	N	N	20	20	N	<10	N	N	50
SQ3616P	N	N	30	100	70	50	20	<50	70	70	N	10	N	N	200
SQ3618P	N	N	15	150	30	<50	N	N	70	70	N	10	N	N	150
SQ3792P	N	N	10	50	20	<50	N	N	15	30	N	<10	N	200	50
SQ3795P	N	N	10	70	10	<50	N	N	15	<20	N	<10	N	N	30
SQ3798P	N	N	N	50	<10	<50	N	N	15	30	N	<10	N	<200	30
SQ6245P	<20	N	15	50	10	70	N	N	30	20	N	10	N	N	50
SQ6247P	<20	N	30	50	20	<50	N	N	30	30	N	10	N	N	70
SQ9110	N	N	15	50	30	300	N	<50	20	70	N	<10	N	<200	50
SQ9111	N	N	15	30	20	50	N	<50	30	50	N	<10	N	<200	30
SQ9112	N	N	15	70	30	200	N	<50	30	70	N	<10	N	<200	50
SQ9201H	N	N	<10	30	<10	50	N	<50	10	20	N	N	N	<200	30
SQ9202H	N	N	N	<20	<10	70	N	50	15	30	N	N	N	<200	50
SQ9203H	N	N	N	20	<10	<50	N	N	15	20	N	N	N	<200	20
SQ9204H	N	N	N	30	<10	50	N	<50	10	20	N	N	N	<200	20
SQ9501	<20	N	N	30	<10	300	N	N	10	30	N	N	N	700	<20
SQ9502	N	N	N	20	<10	<50	N	N	10	20	N	N	N	500	<20
WE3624P	N	N	<10	30	70	200	N	N	10	100	N	N	N	500	70
WE3626P	N	N	30	150	50	300	N	<50	30	70	N	20	N	1,000	500
WE3628P	N	N	15	20	50	70	N	N	20	200	N	<10	50	300	30
WE3630P	N	N	50	200	100	50	N	N	100	70	N	30	N	300	300
WE3632P	N	N	20	150	70	70	N	N	50	2,000	N	20	N	500	200
WE3634P	N	N	30	100	150	70	N	N	70	100	N	20	N	N	300
WE3636P	N	N	30	70	150	50	N	N	50	100	N	20	N	N	300
WE3638P	N	N	30	70	100	70	N	<50	50	70	N	20	50	N	500
WE3640P	N	N	15	50	50	70	N	<50	20	70	N	10	N	<200	150
WE3738P	N	N	<10	20	<10	1,000	N	N	10	30	N	N	N	700	150
WE3740P	N	N	10	30	<10	1,500	N	N	10	50	N	N	N	700	300

CHAPTER G

LATITUDE 46°00'–46°30' LONGITUDE 113°00'–113°30'

TABLE 2.PAN-CONCENTRATE SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°x2°CJSMAP QUADRANGLE, MONTANA(continued)

SAMPLE	S-W	S-Y	S-ZN	S-ZR	S-TH	AA-AU
SLV6225P	100	150	500	2,000	N	.400
SLV6227P	N	20	N	150	N	N
SLV6229P	N	20	2,000	200	N	N
SLV6231P	100	100	N	1,000	N	N
SQ1	500	500	N	1,500	<200	--
SQ1148	N	50	N	700	N	<.050
SQ1P	200	300	N	1,500	N	--
SQ2559P	N	100	N	300	N	<.050
SQ2562P	N	30	N	100	N	<.050
SQ2565P	N	20	N	200	N	<.050
SQ2581P	N	30	N	150	N	.700
SQ2584P	N	50	N	500	N	<.050
SQ2586P	N	50	N	700	N	<.050
SQ2588P	N	N	N	50	N	<.050
SQ2590P	N	20	N	200	N	<.050
SQ2593P	N	300	N	200	N	<.050
SQ2595P	100	30	N	150	N	<.050
SQ2596P	N	20	N	200	N	<.050
SQ3616P	N	30	N	300	N	.200
SQ3618P	N	30	N	300	N	.720
SQ3792P	N	<20	N	300	N	<.050
SQ3795P	N	<20	N	300	N	<.050
SQ3798P	N	700	N	200	N	<.050
SQ6245P	N	<20	N	150	N	.040
SQ6247P	N	30	N	200	N	.060
SQ9110	N	200	N	300	N	<.050
SQ9111	N	50	N	200	N	<.050
SQ9112	N	150	N	150	N	<.050
SQ9201H	N	20	N	300	N	N
SQ9202H	N	30	N	150	N	N
SQ9203H	N	<20	N	300	N	N
SQ9204H	N	<20	N	70	N	N
SQ9501	N	50	N	200	N	<.050
SQ9502	N	N	N	70	N	<.050
WE3624P	N	70	N	200	N	<.050
WE3626P	300	150	N	700	N	<.050
WE3628P	N	20	N	70	N	<.050
WE3630P	N	30	N	100	N	<.050
WE3632P	N	30	N	100	N	<.050
WE3634P	N	50	N	300	--	<.050
WE3636P	N	50	N	300	N	<.050
WE3638P	N	50	N	300	N	<.050
WE3640P	N	50	N	700	N	<.050
WE3738P	N	200	N	300	N	<.050
WE3740P	N	300	N	700	<200	<.050

CHAPTER G

LATITUDE 46°00'-46°30' LONGITUDE 113°00'-113°30'

TABLE 2.PAN-CONCENTRATE SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°x2°CUSMAP QUADRANGLE, MONTANA(continued)

SAMPLE	LATITUDE	LONGITUDE	S-FEX	S-MGZ	S-CAZ	S-TIX	S-MN	S-AG	S-AS	S-AU	S-B	S-BA	S-BE
WE3742P	46 13 44	113 2 58	30.0	1.00	2.00	.70	5,000	N	N	N	100	500	2.0
WE3771P	46 8 41	113 1 23	3.0	.50	.30	.20	300	N	N	N	150	1,500	3.0
WE3773P	46 8 15	113 2 36	2.0	.30	.50	.15	700	N	N	N	N	700	5.0
WE3775P	46 8 24	113 3 16	2.0	.50	.30	.30	700	N	N	N	70	300	3.0
WE3783P	46 8 20	113 7 2	3.0	1.00	2.00	.15	700	N	N	N	70	1,000	15.0
WE3785P	46 9 36	113 6 30	5.0	2.00	5.00	.20	1,500	N	N	N	200	700	15.0
WE3787P	46 9 34	113 6 1	7.0	2.00	2.00	.70	2,000	N	N	N	200	1,500	3.0
WE4601P	46 7 31	113 0 58	7.0	.70	2.00	1.50	2,000	N	N	N	30	1,000	3.0
WE4603P	46 7 42	113 0 59	1.0	.15	.70	.15	500	N	N	N	N	1,500	7.0

CHAPTER G

LATITUDE 46°00'–46°30' LONGITUDE 113°00'–113°30'

TABLE 2. PAN-CONCENTRATE SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1° X 2° CUSMAP QUADRANGLE, MONTANA (continued)

SAMPLE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR	S-V
WE3742P	30	N	10	50	10	2,000	N	N	<10	50	N	N	N	500	500
WE3771P	N	N	<10	50	20	70	N	N	10	20	N	<10	N	<200	70
WE3773P	N	N	N	50	<10	150	N	N	10	30	N	N	N	300	50
WE3775P	N	N	N	70	30	50	N	N	15	30	N	<10	N	N	50
WE3783P	N	N	<10	30	10	<50	N	N	15	30	N	<10	N	300	30
WE3785P	N	N	15	30	30	50	N	N	15	30	N	<10	N	200	50
WE3787P	N	N	15	100	50	70	N	N	50	50	N	10	N	<200	150
WE4601P	N	N	10	70	30	150	N	<50	30	30	N	<10	N	500	150
WE4603P	N	N	10	30	50	<50	N	N	20	70	N	N	N	700	20

CHAPTER G

LATITUDE 46°00'–46°30' LONGITUDE 113°00'–113°30'

TABLE 2. PAN-CONCENTRATE SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°x2° CUSMAP QUADRANGLE, MONTANA (continued)

SAMPLE	S-W	S-Y	S-ZN	S-ZR	S-TH	AA-AU
WE3742P	N	500	N	700	200	<.050
WE3771P	N	20	N	700	N	<.050
WE3773P	N	20	N	100	N	<.050
WE3775P	N	20	N	300	N	<.050
WE3783P	N	<20	N	100	N	--
WE3785P	N	<20	N	300	N	<.050
WE3787P	N	20	N	500	N	<.050
WE4601P	N	30	N	2,000	N	<.050
WE4603P	N	N	N	200	N	<.050

CHAPTER G

LATITUDE 46°00'-46°30' LONGITUDE 113°00'-113°30'

TABLE 3. STREAM-SEDIMENT SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°X2° CUSMAP QUADRANGLE, MONTANA (cont.)

SAMPLE	LATITUDE	LONGITUDE	S-FEZ	S-MGX	S-CAZ	S-TIX	S-MN	S-AG	S-AS	S-AU	S-B	S-BA	S-BE	S-BI	S-CD
ANT3234S	46 22 19	113 29 42	3.00	.50	.50	.30	1,000	N	N	N	200	700	3.0	N	N
ANT3360S	46 21 9	113 28 6	2.00	.70	.50	.30	700	N	N	N	150	700	1.5	N	N
ANT3362S	46 21 13	113 28 43	2.00	1.00	.50	.30	300	N	N	N	200	700	1.5	N	N
ANT3368S	46 15 22	113 27 15	2.00	1.50	1.50	.30	300	N	N	N	150	300	1.5	N	N
ANT3370S	46 15 43	113 27 39	.70	.50	7.00	.15	200	N	N	N	100	300	1.0	N	N
ANT3372S	46 15 49	113 27 43	1.50	1.00	3.00	.20	500	N	N	N	150	300	1.5	N	N
ANT3374S	46 15 51	113 28 55	1.00	.50	3.00	.20	300	N	N	N	100	300	1.5	N	N
ANT3380S	46 15 57	113 29 30	1.50	1.00	3.00	.20	300	N	N	N	150	300	1.5	N	N
ANT4348S	46 16 34	113 23 59	1.50	1.00	.50	.30	500	N	N	N	150	700	2.0	N	N
ANT4350S	46 16 27	113 24 10	2.00	1.00	.70	.30	500	N	N	N	150	500	3.0	N	N
ANT4353S	46 16 34	113 25 43	2.00	.50	.30	.30	700	N	N	N	150	500	2.0	N	N
ANT4355S	46 16 5	113 25 52	2.00	1.00	2.00	.30	500	N	N	N	150	500	2.0	N	N
ANT4357S	46 18 9	113 26 37	2.00	1.00	.30	.30	500	1.5	N	N	200	1,000	1.5	N	N
ANT4360S	46 17 57	113 25 42	2.00	.70	.50	.30	500	N	N	N	200	1,000	2.0	N	N
ANT4362S	46 17 47	113 24 32	2.00	.70	.50	.30	500	<.5	N	N	200	700	3.0	N	N
ANT4370S	46 19 32	113 24 50	2.00	.30	.30	.30	500	N	N	N	200	700	3.0	N	N
ANT4377S	46 19 32	113 27 46	2.00	.50	.50	.30	700	N	N	N	150	700	2.0	N	N
ANT4379S	46 20 9	113 27 29	2.00	.70	.50	.30	500	N	N	N	200	1,000	3.0	N	N
ANT4381S	46 20 12	113 28 36	2.00	.70	.30	.30	500	N	N	N	200	700	2.0	N	N
ANT5232S	46 21 52	113 25 52	3.00	.50	.50	.30	1,000	N	N	N	150	1,000	3.0	N	N
ANT5234S	46 21 33	113 26 31	2.00	.70	.30	.30	700	N	N	N	150	700	2.0	N	N
ANT5236S	46 21 34	113 26 31	2.00	.50	.30	.30	700	N	N	N	150	500	2.0	N	N
ANT5238S	46 21 0	113 25 53	1.50	.50	.30	.30	700	N	N	N	150	500	3.0	N	N
ANT5240S	46 21 38	113 23 43	2.00	.50	.50	.30	500	N	N	N	150	500	3.0	N	N
ANT5336S	46 18 17	113 29 16	3.00	.50	.70	.30	300	N	N	N	150	1,000	2.0	N	N
8K1127S	46 25 54	113 22 48	1.50	.30	.20	.20	500	.5	N	N	100	500	2.0	N	N
8K1129S	46 29 53	113 22 42	1.00	.20	.20	.20	200	<.5	N	N	20	200	1.5	N	N
8K1133S	46 26 15	113 24 18	1.50	.15	.07	.10	200	15.0	200	N	50	300	1.5	50	N
8K1135S	46 26 28	113 23 47	1.00	.20	.10	.15	500	<.5	N	N	70	300	1.0	N	N
8K1137S	46 26 47	113 23 31	1.00	.30	.30	.15	500	<.5	N	N	100	500	1.5	N	N
8K1139S	46 27 10	113 23 44	1.00	.15	.07	.10	150	30.0	200	N	100	300	1.0	100	N
8K1141S	46 27 28	113 23 20	1.00	.20	.20	.15	500	<.5	N	N	70	500	3.0	N	N
8K1143S	46 29 4	113 22 59	1.00	.20	.30	.15	300	1.0	N	N	70	500	2.0	N	N
8K1145S	46 29 8	113 23 18	.70	.20	.30	.10	200	N	N	N	50	500	3.0	N	N
8K1147S	46 29 34	113 24 57	1.50	.70	.30	.20	300	N	N	N	70	300	<1.0	N	N
8K2752S	46 26 58	113 29 55	3.00	1.00	.50	.30	1,000	N	N	N	200	1,000	2.0	N	N
8K3153S	46 29 18	113 29 48	3.00	.50	.20	.50	300	.7	N	N	70	500	7.0	N	N
8K3155S	46 29 14	113 29 33	3.00	1.00	.30	.30	500	N	N	N	100	1,000	3.0	N	N
8K3205S	46 27 48	113 29 7	3.00	1.00	.50	.30	500	N	N	N	150	1,000	5.0	N	N
8K3207S	46 29 14	113 29 32	.70	.50	.50	.30	300	N	N	N	300	1,000	3.0	N	N
8K3209S	46 29 46	113 29 34	1.00	.70	.70	.30	300	N	N	N	200	1,500	3.0	N	N
8K3211S	46 27 0	113 29 3	.70	.70	.30	.20	300	N	N	N	300	1,500	2.0	N	N
8K3213S	46 26 22	113 29 23	2.00	.70	.50	.30	500	N	N	N	200	1,000	5.0	N	N
8K3215S	46 25 21	113 29 46	2.00	1.00	.70	.30	700	N	N	N	300	1,000	5.0	N	N
8K3216S	46 25 26	113 28 54	3.00	1.00	.70	.30	700	N	N	N	300	1,500	7.0	N	N

CHAPTER 1G

LATITUDE 46°00'-46°30' LONGITUDE 113°00'-113°30"

TABLE 3. STREAM-SEDIMENT SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°X2° CUSMAP QUADRANGLE, MONTANA (cont)

SAMPLE	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN
ANT3234S	7	20	20	50	N	<20	15	30	N	7	N	<100	30	N	30	N
ANT3360S	10	15	15	20	N	<20	15	30	N	7	N	N	50	N	20	N
ANT3362S	10	30	20	30	N	<20	20	20	N	7	N	N	50	N	20	N
ANT3368S	10	30	20	30	N	<20	20	30	N	7	N	<100	50	N	30	N
ANT3370S	<5	<10	10	30	N	N	5	20	N	<5	N	N	20	N	15	N
ANT3372S	7	10	15	20	N	N	10	30	N	5	N	N	30	N	20	N
ANT3374S	5	10	15	30	N	N	7	20	N	5	N	N	30	N	20	N
ANT3380S	7	20	15	20	N	N	15	20	N	7	N	N	30	N	20	N
ANT4348S	7	50	20	30	N	<20	15	30	N	7	N	<100	30	N	30	N
ANT4350S	7	15	20	30	N	<20	20	30	N	7	N	N	50	N	30	N
ANT4353S	7	30	20	30	N	<20	15	30	N	7	N	<100	50	N	30	N
ANT4355S	7	20	20	30	N	<20	20	30	N	7	N	<100	50	N	30	N
ANT4357S	7	50	30	30	N	<20	20	50	N	7	N	N	30	N	30	N
ANT4360S	7	70	20	30	N	<20	20	20	N	10	N	<100	50	N	30	N
ANT4362S	7	50	20	30	N	<20	15	30	N	10	N	<100	50	N	30	N
ANT4370S	7	50	20	50	N	<20	20	30	N	10	N	<100	50	N	50	N
ANT4377S	7	30	20	30	N	<20	15	30	N	10	N	100	50	N	30	N
ANT4379S	7	70	30	30	N	<20	20	50	N	10	N	N	50	N	30	N
ANT4381S	7	70	50	30	N	<20	20	20	N	10	N	<100	50	N	30	N
ANT5232S	7	30	50	30	N	<20	20	30	N	7	N	<100	50	N	50	N
ANT5234S	10	50	30	30	N	<20	20	20	N	7	N	<100	30	N	30	N
ANT5236S	10	20	20	50	N	<20	20	30	N	7	N	100	50	N	30	N
ANT5238S	10	15	30	50	N	<20	20	30	N	7	N	<100	50	N	50	N
ANT5240S	10	20	15	50	N	<20	20	30	N	7	N	<100	50	N	70	N
ANT5336S	7	50	20	50	N	<20	15	30	N	7	N	<100	50	N	30	N
BK1127S	7	20	30	50	N	<20	20	30	N	7	N	N	30	N	50	N
BK1129S	7	10	30	30	10	N	15	30	N	5	N	N	20	N	50	N
BK1133S	5	<10	500	20	N	N	10	1,000	1,000	<5	<10	N	15	300	20	<200
BK1135S	7	15	10	20	N	N	5	30	N	<5	N	N	20	N	10	N
BK1137S	7	15	50	20	N	N	10	30	N	5	N	<100	30	N	20	<200
BK1139S	5	10	700	20	N	N	5	1,000	2,000	<5	<10	N	15	300	10	<200
BK1141S	5	<10	15	20	N	N	10	30	N	5	N	<100	30	N	20	N
BK1143S	7	15	30	20	N	N	10	30	N	5	N	<100	20	N	30	N
BK1145S	<5	10	20	20	N	N	7	30	N	5	N	<100	20	N	50	<200
BK1147S	7	15	20	20	N	N	10	50	N	5	N	<100	30	N	15	200
BK2752S	7	100	20	50	N	<20	20	30	N	7	N	<100	70	N	70	N
BK3153S	7	50	30	30	N	<20	30	30	N	15	N	N	70	N	30	N
BK3155S	7	70	30	50	N	<20	30	15	N	10	N	<100	70	N	50	N
BK3205S	7	50	20	30	N	<20	20	30	N	7	N	N	50	N	30	N
BK3207S	<5	70	10	30	N	<20	10	30	N	5	N	<100	30	N	30	N
BK3209S	5	30	15	50	N	<20	15	30	N	5	N	<100	30	N	20	N
BK3211S	5	70	15	30	N	<20	10	30	N	5	N	<100	50	N	20	N
BK3213S	5	30	15	30	N	<20	20	30	N	5	N	N	50	N	30	N
BK3215S	7	30	30	30	N	<20	20	30	N	7	N	N	50	N	50	N
BK3216S	7	70	50	30	N	<20	30	30	N	7	N	<100	50	N	50	N

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TABLE 3. STREAM-SEDIMENT SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°X2° CUSMAP QUADRANGLE, MONTANA (cont)

SAMPLE	S-ZR	S-TH	AA-CU	AA-PB	AA-ZN	AA-AG	AA-CD	AA-BI	AA-SB
ANT3234S	300	N	7	10	19	<.05	.53	1	N
ANT3360S	300	N	11	10	40	.11	.10	N	1
ANT3362S	300	N	15	4	23	<.05	.06	N	1
ANT3368S	300	N	24	19	20	.14	.29	2	2
ANT3370S	70	N	11	6	17	.12	.14	N	1
ANT3372S	100	N	16	9	32	.08	.30	N	2
ANT3374S	100	N	18	8	23	.17	.27	N	2
ANT3380S	200	N	9	6	19	.05	.10	N	1
ANT4348S	300	N	9	10	31	.16	<.05	1	1
ANT4350S	200	N	15	11	38	.11	.20	1	N
ANT4353S	300	N	14	14	42	.06	.24	1	N
ANT4355S	200	N	14	9	26	.07	.09	N	N
ANT4357S	300	N	18	13	44	.09	.25	N	1
ANT4360S	300	N	25	22	45	.62	.50	5	2
ANT4362S	200	N	14	6	33	.10	.09	N	1
ANT4370S	300	N	26	27	46	.24	.30	N	1
ANT4377S	300	N	14	16	39	.08	.32	N	N
ANT4379S	200	N	--	--	--	--	--	--	--
ANT4381S	300	N	14	14	35	.08	.42	N	N
ANT5232S	300	N	18	10	38	.05	.25	N	N
ANT5234S	300	N	13	7	30	<.05	.17	N	N
ANT5236S	300	N	14	5	22	<.05	.08	N	N
ANT5238S	200	N	6	6	10	<.05	.13	N	N
ANT5240S	200	N	7	4	11	<.05	.06	N	N
ANT5336S	500	N	10	10	8	N	.19	N	1
BK1127S	200	N	37	21	25	.49	1.15	1	1
BK1129S	150	N	51	10	40	.64	.60	1	N
BK1133S	150	N	574	1,270	284	17.18	4.85	37	797
BK1135S	200	N	7	12	11	.09	.20	<1	N
BK1137S	200	N	58	18	57	.23	1.40	1	N
BK1139S	200	N	636	1,570	222	15.16	5.55	42	1,650
BK1141S	70	N	19	21	28	.40	.85	1	N
BK1143S	200	N	67	22	68	1.08	2.45	1	N
BK1145S	70	N	36	23	42	.27	1.10	1	N
BK1147S	100	N	12	11	62	.11	1.00	1	N
BK2752S	500	N	9	10	7	.14	.30	N	N
BK3153S	150	N	20	13	8	.21	.20	1	N
BK3155S	200	N	12	6	7	.13	.20	1	N
BK3205S	300	N	11	12	19	.28	.25	1	N
BK3207S	500	N	6	8	9	.08	.19	1	N
BK3209S	300	N	7	5	7	.07	.18	9	N
BK3211S	700	N	4	4	8	.08	.09	3	N
BK3213S	300	N	8	7	11	.06	.13	1	N
BK3215S	300	N	16	7	9	.14	.14	N	N
BK3216S	300	N	23	8	10	.11	.22	1	N

CHAPTER G

LATITUDE 46°00'-46°30' LONGITUDE 113°00'-113°30'

TABLE 3. STREAM-SEDIMENT SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°X2° CUSMAP QUADRANGLE, MONTANA (cont.)

SAMPLE	LATITUDE	LONGITUDE	S-FEX	S-MGZ	S-CAZ	S-TIX	S-MN	S-AG	S-AU	S-B	S-BA	S-BE	S-BI	S-CD
BK3218S	46 24 2	113 28 8	3.00	1.00	.50	.30	700	N	N	300	1,500	3.0	N	N
BK3220S	46 24 3	113 28 6	2.00	.70	.50	.30	700	5.0	N	300	100	5.0	N	N
BK3222S	46 24 18	113 28 20	2.00	.70	.50	.30	700	<.5	N	200	1,000	3.0	N	N
BK3230S	46 23 13	113 29 25	2.00	.30	.50	.30	1,500	N	N	100	1,000	2.0	N	N
BK3232S	46 22 46	113 29 35	3.00	.50	.30	.30	700	N	N	200	1,000	2.0	N	N
BK4203S	46 29 6	113 24 50	1.00	.20	.30	.15	500	.5	N	70	300	1.5	N	N
BK5242S	46 23 4	113 24 49	1.00	.20	.30	.20	700	N	N	150	700	5.0	N	N
BK5244S	46 23 12	113 24 51	1.00	.30	.30	.15	500	N	N	150	700	3.0	N	N
BK5246S	46 24 9	113 23 37	.70	.15	.20	.15	500	N	N	70	300	3.0	N	N
BK5248S	46 24 15	113 23 4	1.00	.30	.20	.20	1,000	N	N	70	300	3.0	N	N
CRP2529S	46 0 5	113 25 37	1.50	1.00	1.00	.30	700	<.5	N	20	300	5.0	N	N
CRP2532S	46 0 5	113 25 28	1.50	.70	1.00	.20	500	<.5	N	20	500	5.0	N	N
CRP2535S	46 0 9	113 25 39	2.00	1.00	1.50	.30	700	.5	N	20	500	7.0	<10	N
CRP2538S	46 1 13	113 25 11	1.50	1.00	1.50	.30	700	<.5	N	30	500	7.0	N	N
CRP2541S	46 1 14	113 25 9	2.00	.70	1.00	.30	700	.5	N	15	500	7.0	<10	N
CRP2544S	46 1 22	113 25 24	1.50	3.00	1.50	.20	500	<.5	N	200	500	2.0	N	N
CRP2547S	46 1 59	113 27 0	1.50	.50	1.00	.15	700	1.0	N	15	500	7.0	N	N
CRP2549S	46 2 24	113 28 10	1.50	.50	.70	.15	700	<.5	N	70	700	10.0	N	N
CRP2552S	46 2 1	113 28 48	2.00	1.00	1.50	.30	700	.5	N	30	700	2.0	N	N
CRP5361S	46 6 36	113 23 23	.70	.20	.30	.15	200	N	N	30	700	1.0	N	N
CRP5364S	46 6 32	113 26 59	1.00	.20	.30	.20	700	N	N	50	500	2.0	N	N
CRP5366S	46 7 20	113 25 7	1.00	2.00	2.00	.15	300	N	N	100	200	1.5	N	N
CRP5371S	46 3 26	113 26 6	1.50	.50	.20	.30	300	N	N	100	200	<1.0	N	N
CRP5373S	46 3 32	113 26 47	1.50	.50	.50	.15	300	N	N	100	300	3.0	N	N
CRP5375S	46 4 18	113 27 7	.70	.20	.30	.10	200	N	N	70	500	1.5	N	N
CRP5377S	46 3 53	113 25 8	.50	.20	.30	.10	300	N	N	100	500	2.0	N	N
CRP5383S	46 5 14	113 26 12	1.00	.50	1.00	.30	100	N	N	70	200	1.5	N	N
CRP5385S	46 6 6	113 26 3	1.50	.70	.30	.30	1,000	N	N	100	200	1.0	N	N
CRP6341S	46 0 19	113 28 28	1.50	.50	.50	.30	300	N	N	50	200	1.0	N	N
CRP6342S	46 0 39	113 28 58	2.00	.70	.30	.30	500	<.5	N	100	300	1.0	N	N
CRP6344S	46 0 44	113 28 21	.50	.20	.70	.10	150	1.5	N	20	150	2.0	N	N
CRP6346S	46 0 48	113 28 24	.15	.05	.50	.07	700	<.5	N	20	150	1.5	N	N
CRP6348S	46 0 56	113 28 24	1.00	.50	.70	.15	300	<.5	N	50	300	2.0	N	N
CRP9781A	46 0 43	113 23 22	3.00	.70	1.00	.50	700	<.5	N	100	700	7.0	10	N
F81109S	46 15 47	113 8 3	1.50	1.50	.70	.15	200	N	N	200	150	1.0	N	N
F81111S	46 15 38	113 8 13	.50	.15	.20	.15	70	N	N	50	200	1.0	N	N
F81170S	46 19 28	113 9 0	3.00	.50	.50	.30	700	N	N	500	500	5.0	N	N
F82485S	46 15 47	113 13 36	.70	.70	.15	.20	100	N	N	100	700	1.0	N	N
F82496S	46 18 0	113 12 55	1.00	.30	1.00	.15	200	N	N	15	200	1.0	N	N
F85387S	46 18 28	113 14 54	5.00	1.00	2.00	.30	500	N	N	15	300	<1.0	N	N
F86212S	46 15 50	113 9 11	.70	.30	.70	.15	300	N	N	70	200	1.0	N	N
GL2786S	46 14 6	113 17 26	1.00	.20	.15	.10	700	N	N	100	500	1.5	N	N
GL2788S	46 14 6	113 17 26	1.00	.20	.15	.15	500	N	N	100	500	1.5	N	N
GL2794S	46 13 27	113 18 37	1.00	.30	.15	.20	300	N	N	100	500	1.5	N	N
GL2795S	46 12 31	113 21 41	1.00	.15	.30	.30	300	N	N	50	200	2.0	N	N

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LATITUDE 46°00'-46°30' LONGITUDE 113°00'-113°30'

TABLE 3. STREAM-SEDIMENT SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°X2° CUSMAP QUADRANGLE, MONTANA (cont.)

SAMPLE	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SM	S-SR	S-SV	S-W	S-Y	S-ZN
BK3218S	7	100	50	50	N	<20	30	30	N	7	N	<100	70	N	50	N
BK3220S	7	20	30	50	N	<20	20	20	N	7	N	N	50	N	30	N
BK3222S	7	30	20	30	N	<20	20	50	N	5	N	N	50	N	30	N
BK3230S	7	20	20	30	N	<20	15	20	N	7	N	<100	50	N	30	N
BK3232S	10	50	20	50	N	<20	20	20	N	7	N	<100	50	N	30	N
BK4203S	7	<10	50	30	N	N	10	30	N	<5	N	N	20	N	30	300
BK5242S	7	10	15	30	N	<20	20	20	N	7	N	<100	30	N	70	N
BK5244S	7	15	15	30	N	N	15	30	N	7	N	N	30	N	30	N
BK5246S	5	15	15	50	N	N	15	30	N	7	N	N	30	N	70	N
BK5248S	7	15	15	30	N	<20	20	30	N	7	N	N	30	N	50	N
CRP2529S	7	50	30	30	<5	N	20	50	N	7	N	300	50	N	30	N
CRP2532S	7	30	20	300	20	<20	15	50	N	5	N	500	50	N	10	N
CRP2535S	7	30	70	50	10	<20	30	30	N	5	N	300	70	N	30	N
CRP2538S	7	30	30	150	15	<20	20	50	N	5	N	300	50	N	30	N
CRP2541S	7	50	150	100	20	N	20	30	N	5	N	300	50	N	15	N
CRP2544S	7	50	20	30	N	N	20	30	N	7	N	100	50	N	20	N
CRP2547S	5	30	50	30	10	N	20	70	N	5	N	300	30	N	20	200
CRP2549S	7	50	20	50	N	N	30	30	N	10	N	<100	50	N	70	N
CRP2552S	7	70	20	50	<5	20	20	50	N	5	N	300	50	N	70	N
CRP5361S	7	10	10	20	N	N	10	20	N	<5	N	<100	30	N	10	N
CRP5364S	7	10	15	30	N	N	10	30	N	7	N	<100	30	N	20	N
CRP5366S	5	10	15	20	N	N	15	30	N	5	N	N	30	N	20	N
CRP5371S	7	10	10	20	N	N	10	30	N	<5	N	100	50	N	<10	N
CRP5373S	7	10	20	20	N	N	15	30	N	5	N	N	30	N	30	N
CRP5375S	5	<10	5	20	N	N	10	20	N	<5	N	N	30	N	20	N
CRP5377S	<5	10	7	20	N	N	10	30	N	5	N	N	30	N	15	N
CRP5383S	5	20	10	20	N	N	7	30	N	5	N	N	30	N	15	N
CRP5385S	7	15	10	20	N	N	7	30	N	5	N	N	30	N	10	N
CRP6341S	7	10	15	20	N	N	7	30	N	5	N	150	30	N	15	N
CRP6342S	7	50	15	20	N	<20	15	30	N	7	N	150	50	N	20	N
CRP6344S	N	10	20	20	N	N	<5	50	N	5	N	200	20	N	20	<200
CRP6346S	N	N	5	20	N	N	<5	20	N	<5	N	<100	15	N	15	N
CRP6348S	5	10	10	20	N	N	7	50	N	5	N	200	20	N	10	N
CRP9781A	7	20	200	70	70	N	10	50	N	5	N	300	50	<50	15	N
FB1109S	7	20	15	20	N	N	20	30	N	5	N	N	50	N	20	N
FB1111S	7	<10	5	<20	N	N	<5	10	N	<5	N	N	15	N	20	N
FB1170S	7	20	5	50	N	N	<5	30	N	7	N	500	100	N	20	500
FB2485S	5	20	5	20	N	N	10	15	N	5	N	N	20	N	15	N
FB2496S	5	<10	7	20	<5	N	<5	20	N	5	N	300	30	N	30	N
FB5387S	10	15	5	100	N	N	5	30	N	15	N	500	100	N	50	N
FB6212S	5	<10	15	20	N	N	<5	30	N	<5	N	<100	20	N	N	N
GL2786S	7	15	10	20	N	N	15	30	N	5	N	N	20	N	20	N
GL2788S	7	30	20	30	N	N	20	20	N	5	N	N	20	N	20	N
GL2794S	7	10	7	20	N	N	15	20	N	5	N	N	30	N	20	N
GL2795S	7	10	15	30	N	N	15	30	N	5	N	100	30	N	20	N

CHAPTER G

TABLE 3. STREAM-SEDIMENT SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°X2° CUSMAP QUADRANGLE, MONTANA (cont.)

SAMPLE	S-ZR	S-TH	AA-CU	AA-PB	AA-ZN	AA-AG	AA-CD	AA-BI	AA-SB
BK3218S	300	N	28	7	14	.13	.29	N	N
BK3220S	200	N	31	7	16	.14	.27	N	N
BK3222S	300	N	21	8	19	.27	.24	N	N
BK3230S	200	N	16	7	22	.08	.56	1	N
BK3232S	300	N	11	8	18	.34	.48	1	1
BK4203S	200	N	100	16	300	.84	5.41	1	2
BK5242S	150	N	7	4	7	<.05	.15	N	N
BK5244S	150	N	N	1	7	N	N	N	N
BK5246S	100	N	--	--	--	--	--	--	--
BK5248S	200	N	--	--	--	--	--	--	--
CRP2529S	150	N	9	16	29	.24	.90	2	<1
CRP2532S	200	N	10	15	21	.24	.30	2	<1
CRP2535S	150	N	50	13	30	.45	.80	5	<1
CRP2538S	150	N	12	10	15	.17	.50	5	<1
CRP2541S	100	N	104	10	20	.55	.40	14	<1
CRP2544S	200	N	11	22	10	.36	.55	1	<1
CRP2547S	150	N	26	31	150	.65	4.90	2	<1
CRP2549S	150	N	13	20	22	.17	.65	1	1
CRP2552S	200	N	8	30	35	.39	2.30	1	<1
CRP5361S	100	N	4	6	5	<.05	.15	<1	4
CRP5364S	200	N	9	6	14	<.05	.20	<1	3
CRP5366S	200	N	12	16	14	.12	.40	1	5
CRP5371S	150	N	3	8	6	.08	.10	<1	4
CRP5373S	100	--	14	16	32	.34	.55	1	1
CRP5375S	200	N	3	6	5	.05	.30	<1	N
CRP5377S	70	N	10	20	19	.22	.45	1	1
CRP5383S	100	N	8	14	8	.15	.45	<1	1
CRP5385S	100	N	7	17	25	.05	.40	1	1
CRP6341S	100	N	4	10	12	.27	.25	<1	1
CRP6342S	100	N	2	11	13	.25	.35	1	1
CRP6344S	50	N	45	99	123	2.23	9.80	1	1
CRP6346S	70	N	5	16	16	.25	2.20	1	1
CRP6348S	70	N	9	39	28	.60	2.10	1	1
CRP9781A	200	N	120	31	50	.33	.44	18	1
FB1109S	100	N	8	17	11	.19	1.35	2	1
FB1111S	100	N	4	7	7	.11	.35	1	1
FB1170S	100	N	2	8	48	<.05	.66	<1	N
FB2485S	200	N	2	3	5	.05	.15	1	1
FB2496S	70	N	6	8	6	.26	.20	1	1
FB5387S	150	N	2	12	11	.33	.25	<1	2
FB6212S	100	N	14	22	30	.17	1.35	2	<1
GL2786S	200	N	12	20	32	.18	.50	2	N
GL2788S	200	N	14	18	28	.16	.60	2	N
GL2794S	200	N	5	9	9	.04	.30	<1	3
GL2795S	300	N	26	16	18	.14	.35	1	3

CHAPTER G

LATITUDE 46°00'-46°30' LONGITUDE 113°00'-113°30'

TABLE 3. STREAM-SEDIMENT SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°X2° CUSMAP QUADRANGLE, MONTANA (cont.)

SAMPLE	LATITUDE	LONGITUDE	S-FEX	S-MGX	S-CAZ	S-TIX	S-MN	S-AG	S-AS	S-AU	S-B	S-BA	S-BE	S-BI	S-CD
GL3601S	46 14 1	113 17 12	.70	.20	.50	.10	300	N	N	N	100	300	2.0	N	N
GL3613S	46 8 2	113 21 43	2.00	.50	.30	.20	300	N	N	N	100	1,500	1.0	N	N
GL3615S	46 8 24	113 22 14	1.50	.50	.30	.15	500	N	N	N	100	200	1.5	N	N
GL3621S	46 8 15	113 16 48	1.50	1.50	3.00	.15	500	N	N	N	70	200	1.0	N	N
GL3623S	46 9 30	113 16 18	1.50	.70	.50	.15	500	N	N	N	100	200	<1.0	N	N
GL3706S	46 8 20	113 22 14	1.50	.70	1.00	.20	300	N	N	N	100	200	1.0	N	N
GL3731S	46 11 54	113 15 4	5.00	1.50	2.00	.20	300	30.0	500	15	70	300	<1.0	50	N
GL3735S	46 11 25	113 22 8	1.50	.50	.30	.30	300	N	N	N	100	300	<1.0	N	N
GL3737S	46 10 14	113 22 14	.70	.50	.30	.10	300	N	N	N	100	200	<1.0	N	N
GL6206S	46 13 15	113 18 41	1.50	.30	.20	.30	300	N	N	N	50	300	<1.0	N	N
GL6208S	46 13 9	113 20 43	1.50	.50	.30	.30	500	N	N	N	50	500	1.0	N	N
GL6234S	46 9 7	113 18 36	2.00	.70	.50	.30	300	N	N	N	70	300	1.5	N	N
GL6236S	46 8 25	113 19 26	1.50	1.50	1.00	.30	300	N	N	N	70	200	1.0	N	N
GL6244S	46 9 44	113 20 0	3.00	.70	.30	.30	500	N	N	N	70	200	1.5	N	N
GL6250S	46 8 2	113 16 37	2.00	.70	.70	.30	500	N	N	N	70	200	1.0	N	N
HN1119S	46 22 50	113 18 58	1.50	.70	2.00	.20	500	N	N	N	150	300	1.0	N	N
HN1121S	46 26 36	113 15 39	2.00	1.00	1.50	.50	500	1.5	N	N	100	300	1.0	N	N
HN2797S	46 24 18	113 18 23	1.50	1.00	1.00	.20	500	N	N	N	150	300	2.0	N	N
HN2799S	46 25 4	113 18 28	2.00	.70	.30	.30	700	N	N	N	200	300	2.0	N	N
HN3607S	46 22 50	113 18 40	1.50	.70	1.00	.20	500	.5	N	N	100	300	1.0	N	N
HN3704S	46 28 45	113 16 36	2.00	.50	.50	.30	700	N	N	N	200	500	2.0	N	N
HN3708S	46 23 50	113 18 15	1.50	1.00	2.00	.15	500	N	N	N	150	200	1.5	N	N
HN3710S	46 24 58	113 17 4	1.50	1.00	2.00	.20	500	<.5	N	N	150	300	1.5	N	N
HN3712S	46 27 52	113 16 53	2.00	1.50	.50	.20	700	N	N	N	200	500	1.5	N	N
HN3714S	46 26 18	113 18 8	1.50	1.00	5.00	.20	300	N	N	N	200	200	1.0	N	N
HN3716S	46 28 55	113 18 53	1.50	.50	2.00	.30	700	N	N	N	50	200	3.0	10	N
HN3718S	46 28 23	113 20 3	1.00	.15	1.00	.10	300	N	N	N	50	300	1.5	N	N
HN3720S	46 27 58	113 20 18	2.00	.20	.30	.20	300	1.0	N	N	50	300	2.0	N	N
HN3722S	46 27 47	113 20 17	2.00	.50	.50	.30	150	.5	N	N	100	300	3.0	N	N
HN4289S	46 26 35	113 20 16	1.50	.50	.30	.20	1,000	N	N	N	150	500	3.0	N	N
HN4336S	46 23 33	113 20 57	1.50	.30	.15	.20	300	N	N	N	150	500	1.5	N	N
HN4338S	46 25 13	113 21 12	1.50	.30	.30	.20	500	N	N	N	100	500	3.0	N	N
HN4340S	46 26 21	113 20 20	.70	.15	.30	.20	200	.5	N	N	50	300	3.0	N	N
HN5250S	46 23 8	113 22 10	1.50	.50	.30	.20	300	N	N	N	100	300	3.0	N	N
MAX1123S	46 29 12	113 14 42	1.00	.20	.50	.20	500	N	N	N	30	200	1.5	N	N
MAX1163S	46 28 41	113 9 18	.70	.30	.20	.20	700	N	N	N	70	200	1.0	N	N
MAX2450S	46 28 52	113 7 42	1.00	.30	.70	1.50	500	N	N	N	70	300	2.0	N	N
MAX5866S	46 29 31	113 12 45	3.00	.50	.70	.30	700	N	N	N	50	500	1.0	N	N
MAX5871S	46 27 20	113 9 4	2.00	.70	.30	.30	1,000	N	N	N	70	500	1.0	N	N
MAX5880S	46 25 54	113 7 53	2.00	1.50	1.50	.20	500	N	N	N	50	300	1.0	N	N
MAX5882S	46 23 56	113 12 12	1.50	.50	.15	.15	200	<.5	N	N	100	500	1.5	N	N
MAX5884S	46 24 46	113 11 51	1.50	.70	.70	.15	300	N	N	N	100	300	5.0	N	N
MAX5886S	46 23 43	113 14 53	1.50	.50	.30	.20	300	N	N	N	70	300	1.0	N	N
MAX5893S	46 25 45	113 13 39	1.00	.30	.15	.10	150	N	N	N	150	300	1.0	N	N
MAX5895S	46 24 34	113 10 14	2.00	.50	1.50	.15	300	N	N	N	30	300	1.0	N	N

CHAPTER G

LATITUDE 46°00'-46°30' LONGITUDE 113°00'-113°30'

TABLE 3. STREAM-SEDIMENT SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°X2° CUSMAP QUADRANGLE, MONTANA (cont.)

SAMPLE	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR	S-SV	S-W	S-Y	S-ZN
GL3601S	5	10	20	20	N	N	10	30	N	5	N	N	30	N	20	N
GL3613S	10	50	20	50	<5	N	30	20	N	10	N	<100	50	<50	30	N
GL3615S	7	15	15	20	N	N	10	20	N	5	N	<100	30	N	20	N
GL3621S	7	20	15	20	N	N	10	30	N	5	N	<100	30	N	15	N
GL3623S	7	20	20	20	N	N	15	30	N	5	N	N	20	N	15	N
GL3706S	7	10	15	<20	N	N	20	20	N	5	N	N	30	N	15	N
GL3731S	50	10	700	50	N	N	7	30	100	7	N	100	70	N	30	N
GL3735S	7	20	10	20	N	<20	5	30	N	5	N	N	30	N	15	N
GL3737S	5	15	7	20	N	N	5	20	N	<5	N	N	20	N	10	N
GL6206S	5	20	10	20	N	<20	7	20	N	<5	N	<100	30	N	20	N
GL6208S	7	20	15	30	N	<20	7	20	N	7	N	<100	50	N	20	N
GL6234S	7	15	15	20	N	N	15	20	N	7	N	150	30	N	15	N
GL6236S	7	70	15	20	N	N	30	20	N	7	N	150	50	N	15	N
GL6244S	10	30	15	30	N	N	15	20	N	7	N	N	50	N	20	N
GL6250S	7	20	15	20	N	N	20	20	N	7	N	150	50	N	15	N
HN1119S	10	30	15	30	N	N	15	20	N	7	N	N	30	N	20	N
HN1121S	10	30	30	50	N	<20	15	50	N	7	N	N	70	N	30	N
HN2797S	7	10	20	20	N	N	15	30	N	5	N	N	30	N	20	N
HN2799S	10	15	20	20	N	N	15	20	N	7	N	N	30	N	20	N
HN3607S	7	20	15	30	N	<20	15	30	N	5	N	<100	50	N	20	N
HN3704S	7	15	20	30	N	N	15	30	N	7	N	<100	50	N	30	N
HN3708S	7	<10	15	30	N	N	10	30	N	5	N	N	30	N	15	N
HN3710S	7	15	20	30	N	N	15	50	N	5	N	N	50	N	15	<200
HN3712S	7	20	20	30	N	N	15	50	N	7	N	N	50	N	20	N
HN3714S	7	15	10	20	N	N	10	20	N	5	N	N	30	N	15	N
HN3716S	7	<10	50	20	5	N	7	30	N	5	N	N	70	N	10	N
HN3718S	<5	10	50	20	N	N	7	50	N	5	N	N	30	N	15	<200
HN3720S	5	10	30	30	N	N	10	50	N	7	N	<100	50	N	30	N
HN3722S	7	15	20	30	N	N	15	30	N	10	N	<100	50	N	30	N
HN4289S	7	15	20	30	N	N	10	30	N	7	N	N	50	N	30	N
HN4336S	7	20	10	30	N	<20	10	30	N	5	N	N	30	N	30	N
HN4338S	7	20	15	50	N	<20	15	30	N	5	N	N	30	N	50	N
HN4340S	<5	10	15	30	N	<20	7	30	N	5	N	N	30	N	30	N
HN5250S	7	15	15	30	N	<20	20	30	N	7	N	N	30	N	30	N
MAX1123S	5	N	20	20	N	N	5	30	N	5	N	N	20	N	15	N
MAX1163S	<5	15	10	20	N	N	10	20	N	5	N	100	30	N	15	N
MAX2450S	7	15	20	20	N	N	20	50	N	7	N	100	100	N	20	N
MAX5866S	7	20	20	30	N	N	15	30	N	7	N	<100	100	N	50	N
MAX5871S	10	70	20	20	N	<20	30	30	N	7	N	100	70	N	20	N
MAX5880S	7	30	20	50	N	N	20	30	N	7	N	150	70	N	20	N
MAX5882S	7	20	10	20	N	N	10	20	N	5	N	N	30	N	30	N
MAX5884S	5	10	70	20	N	N	10	30	N	5	N	N	20	N	30	N
MAX5886S	5	15	15	20	N	N	20	20	N	5	N	<100	70	N	20	N
MAX5893S	<5	10	15	<20	N	N	10	20	N	<5	N	N	20	N	20	N
MAX5895S	7	<10	5	20	N	N	<5	20	N	5	N	300	70	N	20	N

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TABLE 3. STREAM-SEDIMENT SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°X2° CUSMAP QUADRANGLE, MONTANA (cont.)

SAMPLE	S-ZR	S-TH	AA-CU	AA-PB	AA-ZN	AA-AG	AA-CB	AA-BI	AA-SB
GL3601S	70	N	40	20	35	.30	.55	1	<1
GL3613S	200	N	12	10	12	<.05	.20	<1	<1
GL3615S	100	N	11	12	19	<.05	.30	1	<1
GL3621S	70	N	15	22	36	.20	.70	1	<1
GL3623S	70	N	43	35	48	.17	1.60	2	2
GL3706S	100	N	10	8	13	.07	.15	1	2
GL3721S	200	N	600	23	45	10.73	.55	49	37
GL3735S	200	N	3	5	7	.07	.15	<1	N
GL3737S	100	N	4	8	12	<.05	.20	<1	1
GL6206S	300	N	5	4	6	<.05	.10	<1	<1
GL6208S	100	N	9	9	19	.07	2.35	1	<1
GL6234S	200	N	4	9	11	<.05	.25	1	<1
GL6236S	70	N	11	9	13	<.05	.20	1	<1
GL6244S	150	N	21	20	34	<.05	.46	<1	<1
GL6250S	150	N	12	16	20	<.05	.20	1	2
HN1119S	200	N	10	9	11	.15	.20	<1	N
HN1121S	150	N	37	34	25	.89	.45	1	9
HN2797S	100	N	21	15	19	.28	.20	<1	4
HN2799S	300	N	20	8	14	.07	.15	<1	3
HN3607S	200	N	15	25	27	.72	.50	1	1
HN3704S	300	N	17	15	32	.11	.35	1	4
HN3708S	70	N	13	25	31	.59	.60	1	4
HN3710S	100	N	18	39	92	.73	.50	<1	4
HN3712S	150	N	16	28	11	.19	.20	<1	3
HN3714S	100	N	5	9	8	.24	.15	<1	3
HN3716S	150	N	54	27	31	.36	.35	23	4
HN3718S	100	N	49	77	94	.42	.95	3	6
HN3720S	100	N	35	25	17	1.37	.20	2	6
HN3722S	200	N	26	21	6	.90	.25	<1	4
HN4289S	300	N	17	16	1	.47	.21	N	N
HN4336S	300	N	6	6	14	.05	.09	N	N
HN4338S	300	N	7	7	7	.05	.07	N	N
HN4340S	200	N	18	13	19	.58	.28	N	1
HN5250S	200	N	N	5	10	<.05	.15	1	N
MAX1123S	100	N	19	13	20	.17	.45	1	1
MAX1163S	150	N	4	12	30	.08	.90	1	1
MAX2450S	70	N	40	35	105	.66	1.90	<1	1
MAX5866S	200	N	8	12	10	.13	.40	1	1
MAX5871S	200	N	5	10	18	.10	.75	1	<1
MAX5880S	150	N	11	16	12	.58	.45	1	2
MAX5882S	200	N	8	3	5	.08	.10	1	<1
MAX5884S	70	N	160	32	38	.54	.60	2	1
MAX5886S	150	N	8	10	17	.17	.50	1	1
MAX5893S	150	N	14	5	7	.11	.20	<1	<1
MAX5895S	150	N	3	3	4	<.05	.07	1	1

CHAPTER G

LATITUDE 46°00'–46°30' LONGITUDE 113°00'–113°30'

TABLE 3 STREAM–SEDIMENT SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°X2° CUSMAP QUADRANGLE, MONTANA (cont.)

SAMPLE	LATITUDE	LONGITUDE	S-FEX	S-MGZ	S-CAZ	S-TIX	S-MN	S-A6	S-AS	S-AU	S-B	S-BA	S-BE	S-BI	S-CD
MAX5897S	46 24 27	113 9 15	2.00	.50	.70	.20	1,500	N	N	N	20	300	1.0	N	N
MAX6822S	46 29 15	113 8 1	1.50	.50	.50	.20	300	N	N	N	70	200	1.0	N	N
MAX6824S	46 29 17	113 9 56	3.00	.70	.30	.50	300	N	N	N	70	300	<1.0	N	N
MAX6906S	46 29 15	113 11 52	1.00	.50	2.00	.15	300	N	N	N	30	200	1.0	N	N
MAX6908S	46 28 13	113 11 21	.70	.15	1.50	.10	100	N	N	N	70	100	<1.0	N	N
MAX6910S	46 27 22	113 10 38	.70	.20	2.00	.15	1,000	N	N	N	50	150	1.0	N	N
MAX6912S	46 26 26	113 12 5	.70	2.00	5.00	.10	500	N	N	N	30	100	<1.0	N	N
MAX6914S	46 26 10	113 8 48	1.00	.20	.30	.15	1,000	N	N	N	70	200	1.5	N	N
MAX6920S	46 23 55	113 9 10	1.50	.30	.30	.20	300	N	N	N	20	300	<1.0	N	N
MAX6924S	46 25 45	113 12 49	1.50	.50	2.00	.20	300	N	N	N	20	300	1.0	N	N
ME1105S	46 7 20	113 12 20	1.00	.70	1.50	.15	1,000	N	N	N	15	200	10.0	N	N
ME1153S	46 7 7	113 9 52	1.00	1.50	2.00	.15	300	N	N	N	50	150	7.0	N	N
ME1155S	46 5 58	113 8 23	1.50	1.50	3.00	.15	300	N	N	N	15	200	10.0	N	N
ME4662S	46 1 51	113 8 35	2.00	.50	1.00	.30	700	.5	N	N	30	1,000	7.0	N	N
ME4664S	46 1 52	113 8 32	2.00	.30	1.00	.50	700	N	N	N	20	1,000	5.0	N	N
ME4666S	46 1 52	113 8 32	2.00	.50	1.00	.30	700	N	N	N	10	1,000	3.0	N	N
ME4668S	46 2 31	113 7 43	2.00	.50	1.00	.30	700	.7	N	N	15	700	30.0	N	N
ME4702S	46 1 55	113 14 6	2.00	3.00	2.00	.20	700	N	N	N	150	1,000	5.0	N	N
ME4705S	46 1 53	113 14 8	3.00	1.50	1.00	.30	1,000	N	N	N	70	1,000	2.0	N	N
ME4708S	46 1 19	113 13 24	3.00	1.00	1.00	.30	500	<.5	N	N	50	700	5.0	N	N
ME4711S	46 0 49	113 12 30	3.00	2.00	1.50	.50	700	<.5	N	N	100	1,000	5.0	N	N
ME4714S	46 0 4	113 11 38	2.00	.70	1.00	.30	1,000	N	N	N	N	1,000	7.0	N	N
ME6204S	46 6 47	113 12 28	.50	.30	1.50	.10	300	3.0	N	N	10	200	10.0	N	N
MHA3694S	46 6 44	113 3 30	1.00	.20	.70	.15	700	1.0	N	N	15	300	7.0	<10	N
MHA3696S	46 7 9	113 2 40	2.00	.50	1.00	.30	1,000	1.5	<200	N	20	500	7.0	15	N
MHA3698S	46 6 50	113 1 24	1.50	.70	1.00	.30	700	<.5	N	N	50	500	7.0	N	N
MHA3762S	46 1 3	113 2 18	3.00	2.00	3.00	.30	1,000	N	N	N	200	700	2.0	N	N
MHA3764S	46 1 4	113 2 58	3.00	3.00	7.00	.50	1,000	N	N	N	70	700	1.5	N	N
MHA3766S	46 0 3	113 3 17	3.00	1.00	1.50	.70	1,000	N	N	N	70	1,000	2.0	N	N
MHA3768S	46 0 34	113 5 1	3.00	2.00	2.00	.50	1,000	N	N	N	100	700	1.5	N	N
MHA3770S	46 0 32	113 5 55	3.00	3.00	2.00	.50	700	N	N	N	100	700	1.5	N	N
MHA3778S	46 7 7	113 6 56	3.00	3.00	5.00	.50	2,000	1.5	N	N	30	1,000	7.0	15	N
MHA3780S	46 7 6	113 6 58	3.00	5.00	5.00	.20	700	<.5	N	N	30	500	10.0	N	N
MHA3782S	46 7 22	113 7 17	3.00	5.00	7.00	.20	1,000	N	N	N	30	700	15.0	N	N
MHA4600S	46 7 3	113 0 16	3.00	.70	1.00	.30	2,000	N	N	N	30	700	5.0	N	N
MHA4670S	46 2 14	113 6 10	1.50	.20	1.00	.15	300	N	N	N	10	700	3.0	N	N
MHA4672S	46 2 14	113 6 17	3.00	.70	1.00	.30	700	<.5	N	N	15	1,000	5.0	N	N
MHA4674S	46 1 24	113 4 26	2.00	.70	1.00	.20	1,500	N	N	N	15	1,000	5.0	N	N
MHA4676S	46 1 27	113 4 23	2.00	.70	1.00	.30	1,000	.7	N	N	N	1,000	30.0	N	N
MHA4678S	46 1 45	113 3 8	5.00	1.00	1.50	.50	2,000	<.5	N	N	15	1,000	3.0	N	N
MHA6987S	46 5 15	113 1 57	.70	.30	.70	.15	500	1.0	N	N	15	500	10.0	N	N
MHA6989S	46 4 20	113 6 8	3.00	1.50	1.50	.30	700	N	N	N	15	1,000	7.0	N	N
MHA6991S	46 4 17	113 5 42	5.00	3.00	2.00	.50	2,000	N	N	N	10	500	20.0	10	N
MHA6993S	46 3 42	113 4 58	2.00	.70	.50	.50	700	<.5	N	N	10	700	7.0	<10	N
MHA6995S	46 3 46	113 4 52	1.00	.20	.50	.15	300	<.5	N	N	<10	1,000	5.0	N	N

CHAPTER G

LATITUDE 46°00'-46°30' LONGITUDE 113°00'-113°30'

TABLE 3. STREAM-SEDIMENT SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°X2° CUSMAP QUADRANGLE, MONTANA (cont.)

SAMPLE	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR	S-SV	S-W	S-Y	S-ZN
MAX5897S	7	10	30	20	N	N	10	30	N	5	N	150	70	N	15	N
MAX6822S	7	20	20	20	N	N	20	30	N	5	N	100	70	N	15	N
MAX6824S	7	30	15	20	N	N	15	15	N	5	N	<100	150	N	15	N
MAX6906S	5	15	15	20	N	N	7	30	N	5	N	100	30	N	20	N
MAX6908S	<5	10	7	20	N	N	7	30	N	<5	N	N	30	N	15	N
MAX6910S	5	15	10	20	N	N	10	70	N	5	N	150	20	N	15	<200
MAX6912S	<5	15	10	<20	N	N	7	30	N	<5	N	<100	20	N	10	N
MAX6914S	5	20	15	20	N	N	15	50	N	5	N	100	30	N	20	N
MAX6920S	7	20	15	20	N	N	10	30	N	5	N	150	30	N	10	N
MAX6924S	5	10	7	30	N	N	<5	20	N	5	N	300	30	N	30	N
ME1105S	50	30	100	30	10	N	70	50	N	5	N	<100	30	N	30	300
ME1153S	7	10	70	30	10	N	10	30	N	<5	N	N	20	N	20	700
ME1155S	7	15	30	20	<5	N	10	30	N	5	N	N	20	N	30	N
ME4662S	7	30	30	50	10	N	10	50	N	5	N	500	50	N	20	N
ME4664S	<5	15	10	30	5	<20	7	50	N	<5	N	700	30	N	15	N
ME4666S	5	15	15	20	7	N	7	50	N	<5	N	700	30	N	10	N
ME4668S	5	50	20	20	<5	<20	10	70	N	5	N	500	30	N	20	N
ME4702S	7	50	20	30	N	N	15	20	N	7	N	150	50	N	30	N
ME4705S	7	70	50	150	N	N	15	50	N	7	N	200	70	N	50	N
ME4708S	7	30	30	30	10	N	15	30	N	7	N	200	50	N	30	N
ME4711S	7	70	50	50	5	<20	20	30	N	10	N	150	70	N	50	N
ME4714S	5	15	20	50	5	N	10	30	N	<5	N	700	30	N	15	N
ME6204S	5	<10	500	30	15	N	5	20	N	5	N	100	30	N	30	200
MHA3694S	<5	15	100	50	N	N	5	100	N	<5	N	300	30	N	20	N
MHA3696S	5	15	300	30	N	N	10	200	N	5	N	300	70	N	20	N
MHA3698S	5	30	50	50	N	N	15	50	N	5	N	500	50	N	20	N
MHA3762S	7	70	30	30	N	N	15	30	N	7	N	N	70	N	20	N
MHA3764S	10	70	20	30	N	N	15	20	N	10	N	200	100	N	20	N
MHA3766S	7	50	50	30	N	<20	15	70	N	7	N	300	70	N	15	N
MHA3768S	7	50	20	30	N	<20	15	30	N	10	N	200	70	N	20	N
MHA3770S	10	70	20	50	N	<20	15	30	N	10	N	150	70	N	30	N
MHA3778S	7	50	300	30	N	<20	15	300	N	10	N	300	100	N	20	N
MHA3780S	7	70	100	20	N	N	15	70	N	7	N	200	70	N	30	N
MHA3782S	7	70	50	30	N	N	15	50	N	7	N	150	70	N	20	N
MHA4600S	15	50	70	30	5	N	30	50	N	5	N	500	50	N	20	<200
MHA4670S	<5	15	<5	<20	N	N	5	30	N	<5	N	500	20	N	<10	N
MHA4672S	7	30	20	20	7	<20	10	70	N	5	N	500	50	N	10	<200
MHA4674S	7	50	30	50	N	N	10	50	N	5	N	500	30	N	20	N
MHA4676S	5	20	30	20	5	N	7	50	N	5	N	300	30	N	10	N
MHA4678S	7	50	50	70	N	<20	10	70	N	7	N	500	100	N	20	N
MHA6987S	5	20	70	50	N	N	<5	50	N	5	N	100	30	N	50	N
MHA6989S	7	70	30	70	10	N	20	70	N	7	N	300	70	N	20	N
MHA6991S	10	30	150	<20	N	N	20	150	N	10	N	300	100	N	20	<200
MHA6993S	7	20	50	30	N	<20	7	100	N	5	N	200	70	N	<10	N
MHA6995S	<5	10	10	200	N	N	5	70	N	<5	N	200	20	N	10	N

CHAPTER G

LATITUDE 46°00'–46°30' LONGITUDE 113°00'–113°30'
 TABLE 3. STREAM-SEDIMENT SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°X2° CUSMAP QUADRANGLE, MONTANA (cont.)

SAMPLE	S-ZR	S-TH	AA-CU	AA-PB	AA-ZN	AA-AG	AA-CD	AA-BI	AA-SB
MAX5897S	70	N	29	18	38	.31	.45	1	1
MAX6822S	150	N	16	17	43	.26	.90	1	1
MAX6824S	500	N	4	9	16	<.05	.40	<1	1
MAX6906S	150	N	5	14	20	<.05	.65	1	1
MAX6908S	150	N	6	13	33	.08	.90	1	1
MAX6910S	100	N	10	125	72	.33	3.45	1	2
MAX6912S	50	N	9	28	25	.05	.35	1	1
MAX6914S	100	N	16	54	53	.34	2.40	1	2
MAX6920S	100	N	6	17	9	.19	.20	1	<1
MAX6924S	300	N	4	3	8	.10	.07	1	<1
ME1105S	70	N	124	43	300	.49	3.85	5	N
ME1153S	70	N	101	22	500	.34	3.20	3	<1
ME1155S	100	N	43	11	24	.26	.55	1	<1
ME4662S	150	N	12	19	61	.55	1.30	1	N
ME4664S	150	N	3	7	21	.14	.30	<1	N
ME4666S	100	N	4	10	27	.22	.55	1	N
ME4668S	70	N	8	19	57	.29	1.60	1	N
ME4702S	200	N	7	8	6	.21	.25	<1	N
ME4705S	700	N	23	13	19	.16	.60	<1	N
ME4708S	100	N	23	11	9	.53	.25	1	N
ME4711S	200	N	20	11	12	.38	.35	<1	N
ME4714S	150	N	10	12	27	.24	.70	2	N
ME6204S	50	N	144	8	150	1.47	2.75	2	<1
MHA3694S	70	N	100	93	92	1.01	2.65	11	3
MHA3696S	150	N	250	220	180	1.46	5.10	16	8
MHA3698S	150	N	60	26	42	.25	1.20	1	2
MHA3762S	200	N	20	13	31	.09	.95	1	1
MHA3764S	150	N	8	10	17	.06	.55	<1	1
MHA3766S	200	N	33	28	30	.25	1.35	2	1
MHA3768S	200	N	10	13	29	.21	.50	1	1
MHA3770S	200	N	5	9	19	.08	.30	1	1
MHA3778S	150	N	240	200	80	.67	2.50	12	5
MHA3780S	200	N	87	40	60	.37	1.15	2	N
MHA3782S	200	N	27	17	29	.10	.60	1	N
MHA4600S	150	N	95	39	170	.36	2.25	2	2
MHA4670S	70	N	2	7	11	.14	.25	<1	N
MHA4672S	100	N	10	23	66	.31	1.70	1	N
MHA4674S	100	N	4	16	56	.20	1.80	<1	4
MHA4676S	150	N	22	19	61	.31	1.75	1	1
MHA4678S	150	N	41	27	75	.52	2.20	2	1
MHA6987S	50	N	50	59	64	.89	2.75	4	1
MHA6989S	150	N	20	29	34	.21	.40	1	N
MHA6991S	200	N	180	150	150	.33	3.60	9	1
MHA6993S	150	N	48	50	44	.26	.75	5	1
MHA6995S	70	N	5	17	16	.13	.10	1	N

CHAPTER G

LATITUDE 46°00'-46°30' LONGITUDE 113°00'-113°30"

TABLE 3. STREAM-SEDIMENT SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°X2° CUSMAP QUADRANGLE, MONTANA (cont.)

SAMPLE	LATITUDE	LONGITUDE	S-FEZ	S-MGZ	S-CAZ	S-TIX	S-MN	S-AG	S-AS	S-AU	S-B	S-BA	S-BE	S-BI	S-CD
MHA6997S	46 3 45	113 4 12	2.00	1.50	2.00	.30	700	.7	N	N	15	500	7.0	N	N
MHA6999S	46 3 49	113 0 12	1.50	.70	2.00	.70	700	N	N	N	10	500	7.0	N	N
MHA7901S	46 3 54	113 1 11	2.00	1.00	2.00	.30	700	N	N	N	10	1,000	5.0	N	N
PH2790S	46 15 43	113 16 56	1.00	.20	.30	.20	700	N	N	N	70	300	1.5	N	N
PH2792S	46 15 24	113 17 48	1.00	.15	.30	.20	300	N	N	N	150	500	1.5	N	N
PH3603S	46 17 38	113 18 42	1.00	.30	1.00	.15	1,500	30.0	700	N	20	200	1.0	N	N
PH3605S	46 16 34	113 16 51	.70	.15	.10	.10	300	N	N	N	70	300	<1.0	N	N
PH4342S	46 17 41	113 20 35	2.00	.50	.30	.30	700	N	N	N	300	500	2.0	N	N
PH4344S	46 16 37	113 21 48	1.50	.70	.50	.20	500	N	N	N	150	700	2.0	N	N
PH4346S	46 15 40	113 22 4	2.00	1.00	1.00	.30	300	N	N	N	150	500	2.0	N	N
PH4364S	46 21 2	113 21 46	2.00	.30	.30	.30	500	N	N	N	100	700	2.0	N	N
PH4366S	46 19 23	113 22 4	2.00	.30	.30	.30	700	1.0	N	N	150	1,000	2.0	N	N
PH4368S	46 18 12	113 22 29	2.00	.70	.50	.30	700	N	N	N	200	700	3.0	N	N
PH5389S	46 17 49	113 15 42	5.00	1.50	3.00	.50	1,500	<.5	N	N	10	300	<1.0	N	N
PH5391S	46 20 43	113 15 50	5.00	1.50	3.00	.30	1,000	3.0	N	N	10	300	<1.0	N	N
PH5393S	46 22 8	113 17 0	1.00	.20	.50	.20	500	<.5	N	N	50	200	1.0	N	N
PH6238S	46 17 18	113 17 17	1.50	.20	1.00	.15	1,500	30.0	700	N	15	200	1.0	N	N
PH6240S	46 19 33	113 15 27	5.00	.70	1.50	.30	300	.5	N	N	N	200	<1.0	N	N
PH6242S	46 21 18	113 15 32	10.00	1.50	2.00	.30	500	N	N	N	30	200	<1.0	N	N
PI1157S	46 28 54	113 1 6	1.50	.70	1.50	.20	500	N	N	N	20	200	1.5	N	N
PI1161S	46 28 58	113 4 12	3.00	2.00	2.00	.20	700	N	N	N	<10	200	<1.0	N	N
PI2005S	46 27 8	113 5 11	5.00	1.50	.30	.50	1,500	<.5	N	N	N	700	2.0	N	N
PI2452S	46 29 26	113 7 1	1.50	.50	.50	.20	700	N	N	N	70	300	1.5	N	N
PI6800S	46 23 3	113 7 4	1.00	.15	.70	.05	1,000	1.5	N	N	15	200	1.5	N	N
PI6801S	46 23 3	113 7 6	1.50	.70	1.50	.20	500	<.5	N	N	30	200	1.0	N	N
PI6806S	46 27 13	113 5 15	1.50	.70	1.50	.15	500	<.5	N	N	20	200	1.5	N	N
PI6808S	46 27 48	113 3 5	1.50	.70	1.50	.15	500	.7	N	N	30	200	1.5	N	N
PI6821S	46 28 2	113 3 1	1.50	1.00	1.50	.15	500	N	N	N	15	200	1.0	N	N
PI6922S	46 25 38	113 6 1	1.50	.30	2.00	.20	500	.5	N	N	10	500	1.0	N	N
PI6926S	46 27 47	113 3 9	3.00	1.00	2.00	.20	700	N	N	N	15	300	1.0	N	N
PI6928S	46 28 53	113 5 3	1.50	.70	1.00	.20	300	N	N	N	20	200	1.0	N	N
PI6930S	46 29 13	113 1 40	3.00	1.50	1.50	.30	300	N	N	N	20	300	1.0	N	N
PI6932S	46 29 15	113 1 45	2.00	1.50	2.00	.20	500	N	N	N	20	150	<1.0	N	N
PO14383S	46 14 46	113 22 49	1.00	.50	.50	.20	500	N	N	N	150	300	3.0	N	N
PO14385S	46 14 17	113 23 55	2.00	1.00	3.00	.30	700	N	N	N	200	500	2.0	N	N
PO14387S	46 14 13	113 25 0	1.50	.70	.50	.30	150	N	N	N	200	700	2.0	N	N
PO14389S	46 14 14	113 24 2	1.50	.70	.50	.30	150	N	N	N	200	700	2.0	N	N
PO14391S	46 13 44	113 23 47	1.50	.70	3.00	.20	300	N	N	N	150	500	2.0	N	N
PO14393S	46 14 2	113 26 50	1.50	.50	1.00	.20	300	N	N	N	150	500	3.0	N	N
PO15200S	46 13 50	113 29 8	1.50	1.00	7.00	.15	700	N	N	N	150	500	2.0	N	N
PO15202S	46 11 51	113 28 58	1.50	1.00	3.00	.20	700	N	N	N	200	700	3.0	N	N
PO15204S	46 12 39	113 24 55	2.00	.70	.50	.20	700	N	N	N	200	700	5.0	N	N
PO15206S	46 10 11	113 23 39	1.00	.15	.30	.15	500	N	N	N	70	700	2.0	N	N
PO15208S	46 11 8	113 26 34	1.50	.30	.70	.20	150	N	N	N	70	700	1.5	N	N
PO15210S	46 11 56	113 29 47	2.00	1.50	5.00	.30	500	N	N	N	100	500	2.0	N	N

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LATITUDE 46°00'–46°30' LONGITUDE 113°00'–113°30'

TABLE 3. STREAM-SEDIMENT SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°X2° CUSMAP QUADRANGLE, MONTANA (cont.)

SAMPLE	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR	S-SV	S-W	S-Y	S-ZN
MHA6997S	7	50	100	70	N	N	7	70	N	10	N	300	100	N	20	N
MHA6999S	7	15	70	700	5	20	<5	70	N	7	N	300	50	N	100	N
MHA7901S	7	50	30	50	5	N	10	50	N	5	N	500	50	N	20	N
PH2790S	7	20	15	30	N	N	10	30	N	5	N	<100	30	N	30	N
PH2792S	7	15	10	30	N	N	7	20	N	5	N	N	30	N	30	N
PH3603S	5	<10	70	20	N	N	<5	200	150	7	N	300	30	50	20	700
PH3605S	7	15	5	20	N	N	5	15	N	<5	N	<100	15	N	15	N
PH4342S	10	15	20	30	N	<20	15	20	N	7	N	N	50	N	30	N
PH4344S	7	15	15	30	N	<20	10	20	N	5	N	N	30	N	30	N
PH4346S	7	50	20	30	N	<20	15	30	N	7	N	<100	50	N	30	N
PH4364S	7	30	15	30	N	<20	15	30	N	7	N	<100	50	N	50	N
PH4366S	7	50	15	30	N	<20	15	30	N	7	N	<100	50	N	30	N
PH4368S	7	50	30	30	N	<20	20	30	N	10	N	N	50	N	30	N
PH5389S	10	15	7	20	N	N	5	30	N	15	N	300	100	N	50	N
PH5391S	10	20	10	50	N	N	5	30	N	15	N	300	100	N	30	<200
PH5393S	7	30	15	20	N	N	15	30	N	5	N	N	50	N	20	N
PH6238S	<5	<10	70	70	N	<20	<5	200	100	7	N	200	30	50	20	500
PH6240S	10	10	10	20	N	N	<5	30	N	7	N	300	200	N	30	N
PH6242S	15	30	10	20	N	N	7	30	N	10	N	300	200	N	20	N
PI1157S	7	20	20	20	N	N	20	20	N	5	N	200	50	N	15	N
PI1161S	15	300	30	N	N	N	150	15	N	10	N	300	100	N	10	N
PI2005S	7	20	50	70	10	N	10	50	N	7	N	700	70	N	20	N
PI2452S	7	30	20	20	N	N	20	30	N	7	N	150	100	N	20	N
PI6800S	<5	N	100	<20	30	N	<5	1,000	N	N	N	300	15	N	<10	700
PI6801S	7	10	15	30	N	N	7	30	N	7	N	<100	70	N	15	N
PI6806S	7	15	20	20	15	N	10	30	N	5	N	200	30	N	20	N
PI6808S	5	15	20	20	5	N	7	30	N	5	N	300	30	N	15	<200
PI6821S	7	10	20	20	5	N	10	30	N	<5	N	300	50	N	20	N
PI6922S	5	<10	20	20	15	N	<5	30	N	<5	N	500	30	N	10	N
PI6926S	5	10	20	20	10	N	7	30	N	5	N	300	50	N	15	N
PI6928S	7	10	50	20	<5	N	10	30	N	5	N	200	30	N	20	N
PI6930S	10	100	20	50	N	N	30	30	N	7	N	200	70	N	20	N
PI6932S	10	150	20	30	N	N	50	20	N	10	N	200	70	N	20	N
POT4383S	<5	10	15	30	N	<20	7	30	N	7	N	<100	30	N	30	N
POT4385S	7	30	20	30	N	<20	15	30	N	7	N	N	50	N	30	N
POT4387S	5	50	10	30	N	<20	15	20	N	7	N	<100	30	N	20	N
POT4389S	5	30	10	30	N	<20	10	20	N	5	N	<100	30	N	20	N
POT4391S	7	20	10	30	N	<20	10	20	N	5	N	<100	30	N	15	N
POT4393S	5	20	20	30	N	<20	10	30	N	7	N	N	50	N	30	N
POT5200S	5	30	10	30	N	<20	5	20	N	5	N	<100	30	N	15	N
POT5202S	7	30	20	30	N	<20	10	30	N	7	N	N	30	N	30	N
POT5204S	7	50	15	30	N	<20	10	20	N	7	N	N	50	N	30	N
POT5206S	5	15	10	30	N	N	7	20	N	5	N	N	30	N	20	N
POT5208S	5	15	15	30	N	<20	7	30	N	5	N	100	50	N	30	N
POT5210S	7	30	15	30	N	<20	15	30	N	5	N	<100	50	N	30	N

CHAPTER G

LATITUDE 46°00'-46°30' LONGITUDE 113°00'-113°30'
 TABLE 3. STREAM-SEDIMENT SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°X2° CUSMAP QUADRANGLE, MONTANA (cont)

SAMPLE	S-ZR	S-TH	AA-CU	AA-PB	AA-ZN	AA-AG	AA-Cd	AA-BI	AA-SB
MHA6997S	200	N	100	65	62	-47	1.40	5	1
MHA6999S	300	150	57	24	21	-18	-70	2	N
MHA7901S	150	N	17	14	16	-07	-30	2	N
PH2790S	200	N	11	11	6	-08	-20	1	1
PH2792S	300	N	8	6	5	-05	-20	--	1
PH3603S	100	N	88	265	550	17.40	1.10	1	40
PH3605S	200	N	4	5	6	-07	-10	<1	<1
PH4342S	300	N	13	6	24	<.05	-15	N	N
PH4344S	300	N	8	6	17	<.05	-18	N	N
PH4346S	300	N	14	11	47	-09	-48	1	1
PH4364S	300	N	8	10	31	N	-15	1	2
PH4366S	300	N	10	15	78	-48	-24	N	1
PH4368S	300	N	28	9	30	-12	-10	N	1
PH5389S	100	N	3	11	15	-36	-25	1	1
PH5391S	300	N	5	64	83	-50	-35	<1	1
PH5393S	200	N	8	25	32	-40	2.05	1	1
PH6238S	100	N	90	250	400	20.00	-60	1	38
PH6240S	200	N	6	35	160	1.10	-55	<1	2
PH6242S	300	N	10	16	34	-45	-27	1	1
PI1157S	70	N	14	12	18	-22	-70	1	1
PI1161S	50	N	7	5	8	<.05	-20	1	<1
PI2005S	200	N	14	17	51	-31	1.47	1	N
PI2452S	200	N	18	20	62	-28	1.40	<1	<1
PI6800S	50	N	140	800	700	2.71	2.70	3	24
PI6801S	70	N	16	43	30	-57	1.10	3	1
PI6806S	150	N	32	18	47	1.00	2.00	2	1
PI6808S	150	N	17	27	79	-65	1.35	1	2
PI6821S	200	N	<1	<1	34	<.05	-85	6	1
PI6922S	100	N	10	15	80	-37	1.15	1	1
PI6926S	150	N	16	15	27	-32	-70	1	<1
PI6928S	150	N	43	13	44	-40	1.55	3	1
PI6930S	200	N	7	7	10	-08	-20	2	<1
PI6932S	100	N	17	8	23	-22	-70	2	<1
POT4383S	200	N	14	12	24	-07	-31	N	N
POT4385S	200	N	5	4	9	<.05	N	N	N
POT4387S	300	N	3	3	6	<.05	N	N	N
POT4389S	200	N	4	3	9	<.05	<.05	N	N
POT4391S	200	N	31	23	48	-13	-24	N	1
POT4393S	200	N	9	2	3	-06	N	N	N
POT5200S	100	N	14	10	16	-07	-17	N	1
POT5202S	200	N	10	7	20	-06	-18	N	N
POT5204S	300	N	11	11	50	-12	-37	1	N
POT5206S	300	N	6	6	18	<.05	-10	N	N
POT5208S	300	N	8	7	12	-05	N	N	N
POT5210S	300	N	7	6	11	<.05	N	N	N

CHAPTER G

LATITUDE 46°00'-46°30' LONGITUDE 113°00'-113°30"

TABLE 3. STREAM-SEDIMENT SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°X2° CUSMAP QUADRANGLE, MONTANA (cont.)

SAMPLE	LATITUDE	LONGITUDE	S-FEZ	S-MGZ	S-CAZ	S-TLZ	S-MN	S-AG	S-AS	S-AU	S-B	S-BA	S-BE	S-BI	S-CD
POT5214S	46 11 37	113 27 12	1.00	.30	.30	.15	100	N	N	N	70	300	1.5	N	N
POT5272S	46 7 42	113 29 21	2.00	.30	.70	.50	700	N	N	N	70	1,000	5.0	N	N
POT5274S	46 8 34	113 29 51	2.00	.70	.50	.30	500	N	N	N	70	1,000	5.0	N	N
POT5353S	46 9 23	113 29 58	1.50	.50	.50	.20	300	N	N	N	100	700	5.0	N	N
POT5359S	46 8 52	113 22 53	1.50	.50	.50	.20	700	N	N	N	100	200	1.5	N	N
POT5395S	46 10 13	113 27 45	1.50	.15	.70	.30	500	N	N	N	50	500	1.5	N	N
POT5398S	46 8 4	113 25 6	.70	.30	.30	.15	100	N	N	N	150	200	1.0	N	N
POT1092S	46 20 47	113 4 16	5.00	1.50	.50	.50	700	70.0	N	N	300	100	7.0	N	N
POT1095S	46 20 42	113 4 23	3.00	2.00	15.00	.30	700	5.0	N	N	100	500	1.0	N	N
S0008S	46 15 54	113 29 25	2.00	.70	1.50	.50	700	<.5	N	N	70	500	3.0	N	N
S0010S	46 15 56	113 28 27	2.00	1.50	2.00	.30	700	N	N	N	150	300	2.0	N	N
S0013S	46 21 35	113 23 30	2.00	.50	.50	.20	700	N	N	N	100	500	3.0	N	N
S0015S	46 21 42	113 24 59	2.00	.50	.70	.30	700	N	N	N	150	500	2.0	N	N
S0017S	46 21 32	113 24 56	2.00	.50	.70	.30	1,000	N	N	N	100	500	2.0	N	N
S0019S	46 21 31	113 27 2	3.00	1.00	.70	.50	1,000	N	N	N	200	700	3.0	N	N
S0021S	46 21 52	113 28 8	3.00	2.00	3.00	.30	700	N	N	N	300	700	2.0	N	N
S0023S	46 18 58	113 24 38	3.00	1.00	.50	.50	1,000	1.5	N	N	300	700	3.0	N	N
S0025S	46 18 2	113 25 52	2.00	.70	.30	.30	300	<.5	N	N	150	500	2.0	N	N
S0028S	46 20 5	113 27 5	3.00	1.00	.50	.70	500	N	N	N	300	500	2.0	N	N
S0030S	46 19 58	113 27 8	3.00	.70	.70	.30	1,000	N	N	N	200	500	3.0	N	N
S0066S	46 27 43	113 24 59	3.00	.70	.70	.30	2,000	2.0	N	N	30	500	7.0	N	N
S0068S	46 27 58	113 23 45	3.00	.70	.30	.30	2,000	1.5	N	N	20	300	3.0	<10	N
S0070S	46 27 1	113 23 42	2.00	.50	.50	.30	700	.5	N	N	20	500	3.0	N	N
SLV1101S	46 9 12	113 13 29	3.00	2.00	1.00	.50	1,000	.5	N	N	150	300	1.5	N	N
SLV1103S	46 8 46	113 12 30	3.00	1.50	2.00	.50	700	N	N	N	15	300	3.0	N	N
SLV1107S	46 14 37	113 9 18	.70	.50	1.00	.15	500	N	N	N	100	150	1.0	N	N
SLV1113S	46 13 45	113 11 5	5.00	.70	.50	.15	700	N	200	N	150	200	2.0	10	N
SLV1115S	46 13 45	113 11 5	5.00	1.00	1.00	.15	500	N	<200	N	150	200	1.0	<10	N
SLV1117S	46 14 32	113 10 50	1.50	.50	.30	.20	300	N	N	N	70	300	1.0	N	N
SLV2526S	46 12 24	113 10 6	2.00	3.00	15.00	.20	2,000	1.0	N	N	150	500	1.5	<10	N
SLV3609S	46 11 6	113 12 14	1.50	1.00	.30	.20	300	N	N	N	100	300	1.5	N	N
SLV3611S	46 10 7	113 9 15	2.00	1.50	2.00	.15	500	2.0	N	N	30	200	1.0	N	N
SLV3733S	46 14 42	113 14 36	1.50	1.00	1.00	.20	1,000	N	N	N	100	300	1.5	N	N
SLV6201S	46 10 34	113 12 45	.30	1.50	1.50	.50	1,000	N	N	N	100	300	1.0	N	N
SLV6202S	46 7 41	113 10 38	.70	.70	1.50	.30	300	<.5	N	N	20	300	2.0	N	N
SLV6210S	46 13 28	113 10 58	1.50	1.00	1.00	.30	700	N	N	N	70	200	1.0	N	N
SLV6214S	46 13 43	113 10 45	1.00	1.00	3.00	.15	200	N	N	N	70	200	<1.0	N	N
SLV6216S	46 14 30	113 10 52	1.00	.50	.15	.30	300	N	N	N	100	300	<1.0	N	N
SLV6218S	46 7 31	113 8 55	3.00	1.50	1.00	.50	1,000	N	N	N	150	300	1.5	N	N
SLV6220S	46 9 26	113 14 3	.70	2.00	5.00	.15	300	<.5	N	N	100	100	1.0	N	N
SLV6222S	46 12 43	113 12 19	1.50	.70	.30	.20	300	N	N	N	150	200	1.0	N	N
SLV6224S	46 10 10	113 9 14	1.50	1.00	1.50	.15	150	N	N	N	100	200	<1.0	N	N
SLV6226S	46 10 7	113 9 11	1.50	.70	2.00	.20	300	N	N	N	100	300	1.0	N	N
SLV6228S	46 8 25	113 8 46	1.00	1.00	2.00	.15	300	N	N	N	50	200	2.0	N	N
SLV6230S	46 10 32	113 8 2	1.50	1.00	3.00	.30	300	<.5	N	N	70	300	1.5	N	N

CHAPTER G

LATITUDE 46°00'-46°30' LONGITUDE 113°00'-113°30' CUSMAP QUADRANGLE, MONTANA (cont.)

SAMPLE	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR	S-SV	S-W	S-Y	S-ZN
POT52145	<5	<10	<5	20	N	N	15	20	N	5	N	N	20	N	15	N
POT52725	7	15	30	30	N	<20	15	30	N	7	N	<100	50	N	50	N
POT52745	7	15	20	30	N	<20	20	30	N	7	N	N	50	N	50	N
POT53535	5	30	15	30	N	<20	15	30	N	7	N	100	30	N	70	N
POT53595	7	<10	20	20	N	N	10	20	N	5	N	N	30	N	15	N
POT53955	7	10	15	30	N	N	5	30	N	5	N	<100	30	N	20	N
POT53985	5	200	1,000	20	N	N	5	20	N	<5	N	N	20	N	15	N
POT210925	50	200	1,000	30	N	N	150	5,000	N	20	N	500	200	N	20	>10,000
POT210955	5	2,000	150	200	10	N	200	30	N	7	N	200	700	N	300	2,000
S00085	7	15	20	50	N	<20	5	20	N	7	N	150	50	N	30	N
S00105	7	50	30	30	N	<20	15	20	N	7	N	N	50	N	30	N
S00135	7	20	20	30	N	N	20	20	N	7	N	N	30	N	30	N
S00155	7	50	20	50	N	<20	15	20	N	7	N	100	50	N	30	N
S00175	10	30	20	50	N	N	15	20	N	7	N	100	50	N	30	N
S00195	10	50	30	50	N	<20	15	30	N	10	N	<100	70	N	30	N
S00215	7	50	30	50	N	<20	20	15	N	10	N	N	70	N	30	N
S00235	10	50	30	50	N	<20	20	30	N	10	N	N	70	N	30	N
S00255	7	30	20	50	N	<20	7	50	N	7	N	N	70	N	20	N
S00285	10	50	20	50	N	<20	15	20	N	10	N	N	100	N	50	N
S00305	7	30	20	30	N	<20	15	20	N	7	N	150	70	N	30	N
S00665	15	50	200	30	30	<20	50	30	N	5	N	100	50	N	50	1,500
S00685	15	50	150	30	50	<20	30	50	N	5	N	50	50	N	50	500
S00705	10	20	70	30	20	<20	20	30	N	5	N	150	50	N	50	<200
SLV11015	10	70	50	30	N	<20	30	70	N	7	N	150	50	N	15	N
SLV11035	10	30	20	50	N	N	15	20	N	7	N	300	70	N	20	N
SLV11075	5	15	20	20	N	N	10	50	N	5	N	N	50	N	10	N
SLV11135	7	20	70	20	N	N	15	50	N	5	N	N	50	N	20	200
SLV11155	7	20	50	<20	N	N	15	50	N	5	N	N	30	N	15	N
SLV11175	10	15	20	20	N	N	10	50	N	5	N	N	30	N	15	N
SLV25265	7	50	150	30	10	N	50	100	N	5	N	300	100	N	20	N
SLV36095	7	20	50	20	N	N	15	50	N	5	N	100	30	N	15	N
SLV36115	10	15	200	20	N	N	7	30	N	7	N	300	50	N	15	N
SLV37335	7	30	15	20	N	N	10	30	N	5	N	<100	30	N	20	N
SLV62015	7	50	30	30	N	<20	15	50	N	7	N	150	70	N	10	N
SLV62025	<5	10	20	20	N	<20	5	30	N	5	N	100	30	N	10	N
SLV62105	5	30	15	20	N	N	15	30	N	5	N	<100	50	N	10	N
SLV62145	5	15	10	20	N	N	10	30	N	<5	N	<100	30	N	10	N
SLV62165	7	15	15	20	N	N	7	30	N	5	N	N	30	N	10	N
SLV62185	10	100	50	30	N	<20	30	70	N	7	N	100	70	N	15	<200
SLV62205	<5	15	30	20	N	N	15	50	N	5	N	100	30	N	<10	N
SLV62225	7	20	10	20	N	N	15	20	N	5	N	N	50	N	10	N
SLV62245	5	20	30	20	N	N	10	30	N	<5	N	<100	30	N	10	N
SLV62265	7	30	20	20	N	N	10	20	N	7	N	100	50	N	15	N
SLV62285	7	15	20	20	N	N	10	30	N	5	N	100	30	N	10	N
SLV62305	10	50	100	20	10	N	15	70	N	5	N	150	30	N	20	200

CHAPTER G

LATITUDE 46°00'–46°30' LONGITUDE 113°00'–113°30'

TABLE 3. STREAM-SEDIMENT SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°X2° CUSMAP QUADRANGLE, MONTANA (cont.)

SAMPLE	S-ZR	S-TH	AA-CU	AA-PB	AA-ZN	AA-AG	AA-CD	AA-BI	AA-SB
POT5214S	200	N	1	2	4	N	N	N	N
POT5272S	200	N	17	12	14	.05	N	N	N
POT5274S	200	N	5	7	10	<.05	N	N	N
POT5353S	200	N	8	6	6	N	N	N	N
POT5359S	150	N	16	13	41	.08	<.05	<.05	4
POT5395S	200	N	6	8	11	.06	.25	1	1
POT5398S	300	N	4	7	11	.05	.25	<.05	N
POT1092S	100	N	20	>3,000	180	17.40	26.30	3	140
POT1095S	100	N	40	17	330	1.24	37.20	<.05	N
S0008S	150	N	9	6	9	.40	.34	1	2
S0010S	200	N	10	9	8	.10	.22	1	2
S0013S	150	N	11	8	20	.08	.35	1	2
S0015S	200	N	14	7	13	.07	.25	<.05	2
S0017S	200	N	11	8	9	<.05	.20	2	2
S0019S	300	N	8	10	15	<.05	.30	1	1
S0021S	200	N	12	6	8	<.05	.15	1	2
S0023S	200	N	15	17	20	.34	.45	1	4
S0025S	200	N	7	17	17	<.05	.45	2	3
S0028S	500	N	6	6	7	<.05	.20	2	2
S0030S	200	N	11	11	21	<.05	.40	2	2
S0066S	300	N	150	20	1,500	1.00	7.00	1	<.05
S0068S	200	N	140	18	400	1.00	1.90	3	<.05
S0070S	200	N	57	19	59	.80	.45	1	1
SLV1101S	200	N	39	63	32	.81	1.70	4	3
SLV1103S	200	N	15	3	12	.11	.30	1	1
SLV1107S	70	N	36	65	41	.56	1.75	4	2
SLV1113S	100	N	38	49	200	.26	1.40	9	1
SLV1115S	100	N	44	41	182	.28	1.35	11	2
SLV1117S	200	N	13	20	30	.21	.90	2	N
SLV2526S	50	N	10	63	85	1.00	1.70	5	2
SLV3609S	150	N	40	40	24	<.05	.65	2	3
SLV3611S	100	N	170	25	200	.27	.50	1	3
SLV3733S	150	N	12	19	88	.12	.50	1	1
SLV6201S	100	N	41	66	61	.13	1.20	3	4
SLV6202S	100	N	36	29	46	.14	.82	3	1
SLV6210S	70	N	17	21	35	.11	.85	1	<.05
SLV6214S	70	N	10	12	19	.05	.35	1	<.05
SLV6216S	300	N	21	17	21	.11	.55	2	1
SLV6218S	150	N	54	82	67	.14	1.10	3	4
SLV6220S	30	N	52	48	65	.47	2.00	4	1
SLV6222S	100	N	9	14	25	.07	.50	1	1
SLV6224S	50	N	48	17	120	.24	.50	1	1
SLV6226S	300	N	29	11	67	.17	.65	1	1
SLV6228S	70	N	42	18	31	.19	.80	2	<.05
SLV6230S	200	N	87	48	172	.19	.75	2	4

CHAPTER G

LATITUDE 46°00'-46°30' LONGITUDE 113°00'-113°30'

TABLE 3. STREAM-SEDIMENT SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°X2° CUSMAP QUADRANGLE, MONTANA (cont.)

SAMPLE	LATITUDE	LONGITUDE	S-FEZ	S-MGZ	S-CAZ	S-TIZ	S-MN	S-AG	S-AS	S-AU	S-B	S-BA	S-BE	S-BI	S-CD
SLV232S	46 10 31	113 8 0	1.50	1.00	2.00	.30	300	N	N	N	70	200	5.0	N	N
SQ1149S	46 6 16	113 16 44	1.00	1.00	1.00	.15	300	N	N	N	70	150	1.5	N	N
SQ1151S	46 4 16	113 15 39	2.00	1.50	2.00	.20	700	N	N	N	10	150	1.0	N	N
SQ2560S	46 3 25	113 18 13	2.00	3.00	.70	.20	500	N	N	N	150	300	3.0	N	N
SQ2563S	46 3 24	113 18 1	2.00	3.00	1.00	.20	500	N	N	N	150	500	2.0	N	N
SQ2566S	46 3 24	113 18 0	1.50	2.00	1.50	.15	200	N	N	N	150	300	2.0	N	N
SQ2568S	46 3 33	113 18 22	3.00	3.00	.70	.20	700	N	N	N	200	500	2.0	N	N
SQ2570S	46 4 13	113 18 58	3.00	3.00	.70	.30	500	N	N	N	200	700	2.0	N	N
SQ2571S	46 4 18	113 19 25	2.00	3.00	3.00	.20	1,000	N	N	N	150	700	3.0	N	N
SQ2573S	46 5 0	113 19 42	5.00	2.00	1.50	.50	1,000	N	N	N	300	700	3.0	N	N
SQ2575S	46 5 19	113 20 15	3.00	2.00	.70	.50	300	N	N	N	200	500	2.0	N	N
SQ2577S	46 5 25	113 20 41	3.00	2.00	1.50	.50	500	N	N	N	100	1,000	1.5	N	N
SQ2579S	46 5 18	113 20 47	2.00	5.00	7.00	.20	1,000	N	N	N	100	300	2.0	N	N
SQ2582S	46 5 19	113 21 28	3.00	5.00	3.00	.30	700	N	N	N	200	700	2.0	N	N
SQ2585S	46 1 40	113 20 14	2.00	1.00	.30	.20	500	N	N	N	20	300	7.0	N	N
SQ2587S	46 2 14	113 20 22	3.00	2.00	.70	.30	500	N	N	N	150	500	10.0	N	N
SQ2589S	46 2 24	113 20 44	3.00	1.50	1.00	.30	700	N	N	N	100	500	2.0	N	N
SQ2591S	46 2 52	113 20 56	2.00	1.50	1.00	.30	500	N	N	N	150	700	1.5	N	N
SQ2592S	46 3 20	113 21 49	3.00	3.00	3.00	.30	700	.5	N	N	150	500	5.0	N	N
SQ2594S	46 3 17	113 21 47	2.00	1.50	.70	.30	300	N	N	N	100	500	5.0	N	N
SQ2597S	46 3 27	113 21 54	3.00	1.00	.70	.30	700	<.5	N	N	150	2,000	3.0	N	N
SQ2598S	46 3 31	113 21 55	.50	.30	1.50	.10	500	<.5	N	N	70	700	5.0	N	N
SQ2599S	46 3 56	113 21 53	2.00	2.00	3.00	.20	700	N	N	N	100	500	2.0	N	N
SQ3401S	46 4 39	113 21 51	2.00	3.00	5.00	.20	500	N	N	N	100	700	3.0	N	N
SQ3403S	46 5 21	113 21 54	2.00	3.00	3.00	.20	500	<.5	N	N	150	700	3.0	N	N
SQ3405S	46 5 26	113 22 2	3.00	3.00	3.00	.20	700	N	N	N	150	700	3.0	N	N
SQ3617S	46 7 28	113 17 50	1.50	.70	.50	.20	500	<.5	N	N	70	200	1.5	N	N
SQ3619S	46 6 58	113 19 59	1.50	.50	.30	.20	700	N	N	N	100	200	1.5	N	N
SQ3793S	46 1 48	113 15 55	2.00	.70	.70	.30	1,000	<.5	N	N	200	1,000	7.0	N	N
SQ3796S	46 1 46	113 15 54	3.00	1.50	.50	.50	1,000	N	N	N	150	1,000	5.0	N	N
SQ3799S	46 1 58	113 15 17	2.00	1.00	1.50	.30	1,000	N	N	N	70	1,000	5.0	N	N
SQ6246S	46 7 28	113 21 33	2.00	.70	.70	.30	1,000	N	N	N	70	200	1.5	N	N
SQ6248S	46 6 22	113 16 48	2.00	.70	.50	.30	300	N	N	N	70	200	1.0	N	N
SQ9501A	46 0 38	113 15 6	2.00	.30	1.00	.20	1,000	N	N	N	70	500	7.0	N	N
SQ9502A	46 0 43	113 15 5	3.00	.50	1.00	.20	2,000	N	N	N	70	500	7.0	N	N
WE3625S	46 14 32	113 6 30	1.50	.50	1.50	.15	1,500	1.0	N	N	30	300	5.0	N	N
WE3627S	46 12 50	113 7 0	2.00	1.50	1.50	.20	700	1.0	N	N	50	200	3.0	N	N
WE3629S	46 10 11	113 4 29	1.50	1.50	2.00	.15	500	.7	N	N	50	200	10.0	<10	N
WE3631S	46 10 59	113 5 33	1.50	1.50	2.00	.20	300	<.5	N	N	70	200	1.0	N	N
WE3633S	46 11 26	113 6 15	2.00	5.00	5.00	.15	300	N	N	N	50	200	<1.0	N	N
WE3635S	46 10 2	113 2 37	1.50	1.00	1.00	.50	500	.7	N	N	50	200	1.5	N	N
WE3637S	46 10 2	113 2 37	3.00	1.00	1.00	.20	500	<.5	N	N	100	200	1.5	N	N
WE3639S	46 10 2	113 2 32	1.50	.70	1.00	.20	300	N	N	N	70	300	1.0	N	N
WE3641S	46 10 19	113 1 8	2.00	.50	.30	.20	300	1.0	N	N	100	200	3.0	N	N
WE3739S	46 14 10	113 4 24	1.50	.20	.70	.15	1,000	N	N	N	10	200	3.0	N	N

CHAPTER G

LATITUDE 46°00'-46°30' LONGITUDE 113°00'-113°30'

TABLE 3. STREAM-SEDIMENT SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°X2° CUSMAP QUADRANGLE, MONTANA (cont.)

SAMPLE	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN
SLV6232S	5	20	20	30	N	N	10	30	N	7	N	150	30	N	15	N
SQ1149S	5	20	10	30	N	N	7	20	N	5	N	<100	30	N	20	N
SQ1151S	10	20	20	20	N	N	10	30	N	7	N	200	70	N	15	N
SQ2560S	7	50	30	50	N	N	30	30	N	5	N	N	50	N	30	N
SQ2563S	7	70	20	150	N	N	20	30	N	7	N	<100	50	N	30	N
SQ2566S	5	70	20	20	N	N	15	20	N	7	N	<100	50	N	70	N
SQ2568S	7	70	30	50	N	N	30	30	N	7	N	N	70	N	50	N
SQ2570S	7	50	15	50	N	N	20	20	N	7	N	N	70	N	30	N
SQ2571S	<5	70	30	30	N	N	20	50	N	5	N	N	50	N	20	N
SQ2573S	10	70	20	30	N	<20	50	50	N	10	N	<100	100	N	30	N
SQ2575S	7	70	20	30	N	N	30	20	N	7	N	<100	100	N	30	N
SQ2577S	7	30	30	50	N	N	20	30	N	10	N	300	70	N	30	N
SQ2579S	7	70	20	30	N	N	30	30	N	7	N	100	70	N	20	N
SQ2582S	7	50	20	50	N	N	30	20	N	7	N	<100	70	N	30	N
SQ2585S	7	70	20	50	7	N	20	30	N	5	N	<100	50	N	30	N
SQ2587S	7	70	20	70	N	<20	20	20	N	7	N	N	50	N	50	N
SQ2589S	7	30	20	50	N	N	20	30	N	7	N	200	70	N	30	N
SQ2591S	7	70	30	50	N	N	20	20	N	5	N	<100	70	N	30	N
SQ2592S	7	50	70	50	10	N	30	70	N	7	N	150	70	N	30	N
SQ2594S	7	70	30	50	N	N	20	20	N	5	N	100	50	N	30	N
SQ2597S	7	70	20	30	N	N	30	30	N	7	N	150	70	N	30	N
SQ2598S	<5	20	20	20	N	N	5	20	N	5	N	<100	30	N	20	N
SQ2599S	7	70	30	30	N	N	30	150	N	5	N	100	70	N	20	N
SQ3401S	7	50	20	50	N	N	20	30	N	5	N	100	50	N	30	N
SQ3403S	7	50	20	30	N	N	20	30	N	5	N	100	50	N	30	N
SQ3405S	7	50	30	50	N	N	30	30	N	7	N	<100	70	N	30	N
SQ3617S	7	15	20	30	N	N	15	50	N	5	N	N	50	N	15	N
SQ3619S	7	20	15	20	N	N	20	30	N	5	N	N	30	N	20	N
SQ3793S	7	30	70	50	N	N	15	30	N	5	N	150	70	N	50	N
SQ3796S	10	100	100	50	N	N	30	30	N	7	N	100	70	N	50	N
SQ3799S	7	20	30	30	N	N	10	50	N	5	N	200	50	N	30	N
SQ6246S	7	20	15	<20	N	N	20	20	N	7	N	<100	50	N	20	N
SQ6248S	7	10	15	<20	N	N	20	20	N	7	N	<100	50	N	15	N
SQ9501A	5	15	10	70	N	N	10	30	N	<5	N	500	20	N	15	N
SQ9502A	7	50	30	30	N	N	20	50	N	5	N	500	50	N	15	N
WE3625S	7	20	30	30	10	N	7	30	N	5	N	300	30	N	20	N
WE3627S	7	20	30	20	N	N	10	30	N	7	N	300	70	N	20	N
WE3629S	5	15	100	20	N	N	7	100	N	5	<10	100	30	N	15	500
WE3631S	7	15	50	20	N	N	15	50	N	7	N	200	50	N	15	N
WE3633S	10	70	20	20	N	N	20	30	N	7	N	300	50	N	10	N
WE3635S	10	20	100	20	N	N	20	70	N	10	N	<100	70	N	20	<200
WE3637S	10	20	150	20	N	N	20	70	N	10	15	<100	100	N	30	<200
WE3639S	7	20	50	30	N	N	10	30	N	7	N	N	70	N	15	N
WE3641S	7	20	50	50	N	<20	10	30	N	7	N	<100	70	N	70	<200
WE3739S	5	<10	20	150	N	N	5	30	N	<5	N	300	20	N	30	N

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TABLE 3. STREAM-SEDIMENT SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°X2° CUSMAP QUADRANGLE, MONTANA (cont)

SAMPLE	S-ZR	S-TH	AA-CU	AA-PB	AA-ZN	AA-AG	AA-CD	AA-BI	AA-SB
SLV62325	200	N	35	21	37	.18	.95	2	<1
SQ11495	100	N	14	14	38	.15	.48	1	<1
SQ11515	70	N	19	24	47	.27	1.25	1	<1
SQ25605	200	N	15	17	12	.18	.30	1	1
SQ25635	200	N	8	17	10	.14	.30	1	1
SQ25665	150	N	8	13	3	.17	.20	<1	1
SQ25685	200	N	13	15	6	.17	.15	1	<1
SQ25705	300	N	4	8	4	<.05	.10	<1	1
SQ25715	150	N	<1	47	30	.15	.65	2	1
SQ25735	150	N	5	23	23	<.05	.40	<1	2
SQ25755	300	N	2	9	5	<.05	.06	<1	1
SQ25775	200	N	2	10	2	<.05	.05	<1	2
SQ25795	200	N	6	20	54	<.05	.75	<1	2
SQ25825	200	N	9	12	8	.05	.15	<1	1
SQ25855	200	N	10	22	26	.35	.65	4	<1
SQ25875	1,000	N	8	11	5	.21	.25	1	<1
SQ25895	200	N	4	11	6	.07	.25	1	1
SQ25915	200	N	12	14	12	.14	.20	1	1
SQ25925	150	N	46	44	45	.64	1.25	3	1
SQ25945	300	N	12	10	31	.11	.16	<1	<1
SQ25975	500	N	7	17	12	.29	.20	1	1
SQ25985	70	N	9	12	8	.27	.25	<1	1
SQ25995	200	N	8	22	16	.05	.25	<1	1
SQ34015	200	N	9	16	14	.20	.35	1	1
SQ34035	200	N	11	15	12	.13	.35	1	1
SQ34055	200	N	10	14	12	.12	.25	3	1
SQ36175	150	N	24	50	48	.83	1.00	2	4
SQ36195	100	N	16	20	37	.06	1.00	1	<1
SQ37935	200	N	58	29	51	.31	1.50	1	N
SQ37965	200	N	47	17	22	.10	.50	1	N
SQ37995	300	N	16	32	26	.14	.95	1	N
SQ62465	150	N	14	17	22	.08	.40	<1	1
SQ62485	150	N	14	32	26	.20	.35	1	3
SQ9501A	100	N	8	13	37	.16	1.30	1	1
SQ9502A	150	N	18	30	1,000	.96	1.32	<1	2
WE36255	70	N	39	34	130	.83	3.90	2	2
WE36275	70	N	51	43	60	.55	2.55	2	2
WE36295	70	N	150	250	400	.95	5.70	8	5
WE36315	70	N	71	50	42	.50	1.40	3	3
WE36335	30	N	14	14	14	.32	.40	1	2
WE36355	100	N	157	97	130	.94	4.90	6	2
WE36375	100	N	156	100	133	.98	5.20	6	2
WE36395	70	N	72	26	77	.28	1.10	4	1
WE36415	150	N	59	38	92	1.27	2.20	1	1
WE37395	100	N	23	22	24	.45	.90	2	1

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LATITUDE 46°00'-46°30' LONGITUDE 113°00'-113°30'

TABLE 3. STREAM-SEDIMENT SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°X2° CUSMAP QUADRANGLE, MONTANA (cont.)

SAMPLE	LATITUDE	LONGITUDE	S-FEZ	S-MGZ	S-CAZ	S-TIZ	S-MN	S-AG	S-AS	S-AU	S-B	S-BA	S-BE	S-BI	S-CD
WE3741S	46 14 8	113 4 25	1.50	.30	1.50	.10	1,000	N	N	N	10	200	2.0	N	N
WE3743S	46 13 44	113 2 58	1.00	1.00	2.00	.10	500	N	N	N	20	200	2.0	N	N
WE3745S	46 13 34	113 2 30	.70	.50	1.00	.15	700	1.0	N	N	50	150	3.0	N	N
WE3746S	46 13 22	113 2 20	.70	1.00	1.00	.10	1,000	<.5	N	N	100	150	3.0	N	N
WE3772S	46 8 41	113 1 23	2.00	1.00	.70	.50	700	1.5	<200	N	150	1,000	1.5	10	N
WE3774S	46 8 15	113 2 36	3.00	1.00	1.50	.70	1,000	N	N	N	70	1,000	2.0	N	N
WE3776S	46 8 24	113 3 16	3.00	.70	2.00	.30	1,000	1.0	200	N	150	500	2.0	<10	N
WE3784S	46 8 20	113 7 2	3.00	3.00	2.00	.50	1,000	N	N	N	50	1,000	7.0	N	N
WE3786S	46 9 36	113 6 30	3.00	2.00	2.00	.50	1,000	N	N	N	70	1,000	7.0	N	N
WE3788S	46 9 34	113 6 1	3.00	1.50	3.00	.50	2,000	2.0	N	N	150	700	3.0	<10	N
WE4602S	46 7 31	113 0 58	3.00	1.50	1.50	.30	700	N	N	N	100	500	3.0	N	N
WE4604S	46 7 42	113 0 59	2.00	.70	1.00	.30	1,500	5.0	300	N	30	700	7.0	30	N

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LATITUDE 46°00'-46°30' LONGITUDE 113°00'-113°30'

TABLE 3. STREAM-SEDIMENT SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°X2° CUSMAP QUADRANGLE, MONTANA (cont.)

SAMPLE	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN
WE3741S	5	10	20	30	<5	N	5	30	N	<5	N	500	20	N	15	N
WE3743S	5	N	15	<20	N	N	5	30	N	N	N	300	15	N	10	N
WE3745S	5	<10	20	20	N	N	5	30	N	<5	N	200	20	N	15	N
WE3746S	5	<10	15	20	N	N	5	30	N	<5	N	200	20	N	30	N
WE3772S	10	70	300	30	N	<20	15	150	N	10	N	200	70	N	20	N
WE3774S	10	70	50	30	N	<20	20	50	N	10	N	500	100	N	20	<200
WE3776S	5	50	300	30	N	N	15	100	N	7	N	100	70	N	20	<200
WE3784S	7	50	30	30	N	<20	20	30	N	7	N	200	70	N	20	<200
WE3786S	7	50	100	30	N	<20	20	50	N	10	N	200	70	N	20	<200
WE3788S	7	70	300	30	N	<20	30	100	N	7	N	100	100	N	30	N
WE4602S	10	50	30	30	N	N	15	30	N	7	N	500	70	N	30	N
WE4604S	7	30	700	30	N	N	10	300	N	5	15	500	70	N	30	N

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LATITUDE 46°00'–46°30' LONGITUDE 113°00'–113°30'
 TABLE 3. STREAM-SEDIMENT SAMPLE LOCALITY AND ANALYSES IN THE BUTTE 1°X2° CUSMAP QUADRANGLE, MONTANA (cont)

SAMPLE	S-ZR	S-TH	AA-CU	AA-PB	AA-ZN	AA-AG	AA-CB	AA-BI	AA-SB
WE3741S	50	N	15	13	52	.17	.90	2	1
WE3743S	50	N	15	18	30	.15	.50	1	1
WE3745S	70	N	57	36	45	1.16	1.30	3	1
WE3746S	70	N	16	15	14	.45	.50	1	1
WE3772S	200	N	250	80	80	.86	4.55	10	4
WE3774S	200	N	35	20	57	.22	.95	1	1
WE3776S	200	N	250	79	90	.56	2.30	6	2
WE3784S	200	N	8	14	38	.06	.40	<1	N
WE3786S	200	N	41	26	43	.17	.55	2	1
WE3788S	200	N	250	93	120	.95	2.65	6	5
WE4602S	150	N	41	20	54	.14	.55	<1	2
WE4604S	150	N	800	325	100	3.48	5.00	34	17