

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Analyses of
rock and stream-sediment samples,
Mount Zirkel Wilderness and Northern Park Range vicinity,
Jackson and Routt Counties, Colorado

By

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

The analyses reported in this open-file report are on samples collected between 1965 and 1972 by G. L. Snyder, Warren Hamilton, Fredric Hoffman, R. L. Bonewitz, P. W. Schmidt, and Paul Graff. The samples consist of 313 known or potentially mineralized rocks and 1,255 stream-sediment samples, all located on this 1:48,000 composite topographic map of the Northern Park Range compiled by G. L. Snyder in 1974 (see plate). The analyses are listed on the computer print out prepared by T. M. Billings in 1978 (see tables). Sample locations are given on these tables by X and Y rectilinear coordinates measured, by G. L. Snyder, in inches on the 1:48,000 location map. Origin (F) is near the center of the map area, at 40° 45' North Latitude and 106° 45' West Longitude.

The six-step semiquantitative emission spectrographic analyses (S) for 30 elements were made by R. T. Hopkins, Jr., J. A. Domenico, R. Babcock, J. M. Motooka, C. Forn, W. D. Crim, G. W. Day, E. L. Mosier, K. C. Watts, and A. L. Sutton, Jr.; atomic absorption analyses (AA) for five elements were made by J. G. Frisken, J. Mitchell, R. B. Carter, S. M. Truesdell, J. D. Hoffman, R. M. O'Leary, E. Martinez, A. L. Meier, J. M. Motooka, T. Roemer, Z. Stephenson, and R. Tripp; instrumental mercury (INST-Hg) determinations were made by J. G. Frisken, W. L. Campbell, and V. James. Results of the semiquantitative analyses are reported to the nearest number in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, and 0.1, etc., which represent approximate midpoints of group data on a geometric scale. The assigned groups for the series will include a quantitative value about 30 percent of the time. The data should not be quoted without stating these limitations. All data in parts per million (ppm) except where indicated as percent. Symbols: N, not detected; >, greater than; <, less than; --, not looked for. Because the analyses were performed over a period of years, the > and < limits vary for many different elements, and the reader is referred to the computer print out for specific details. For summaries of analytical techniques see Grimes and Marranzino (1968), Ward, Nakagawa, and others (1969), and Vaughn and McCarthy (1964).

References cited

- Grimes, D. J., and Marranzino, A. P., 1968, Direct-current arc and alternating-current spark emission spectrographic field methods for the semiquantitative analysis of geologic materials: U. S. Geological Survey Circular 591, 6 p.
- Vaughn, W. W., and McCarthy, J. H., Jr., 1964, An instrumental technique for the determination of submicrogram concentrations of mercury in soils, rocks, and gas, in Geological Survey Research 1964: U. S. Geological Survey Professional Paper 501-D, p. D123-D127.
- Ward, F. N., Nakagawa, H. M., Harms, T. F., and Van Sickle, G. H., 1969, Atomic-absorption methods of analysis useful in geochemical exploration: U. S. Geological Survey Bulletin 1289, 45 p.
- Young, E. J., and Segerstrom, Kenneth, 1973, A disseminated silver-lead-zinc sulfide occurrence at Hahns Peak, Routt County, Colorado: U. S. Geological Survey Bulletin 1367, 33 p.

Table 1--Analyses of samples of rock from Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado.

sample	X-COORD.	Y-COORD.	S-FEX	S-MGX	S-CAZ	S-TIX	S-MN	S-A3	S-AS	S-AU	S-B	S-BA	S-BE	S-BI
0250	-1.38	-8.66	7.00	3.00	.30	.300	1,000	N	N	N	<10	300	7.0	N
0259	-3.75	-6.44	3.00	.50	1.00	.200	200	N	N	N	N	3,000	3.0	N
0260	-3.16	-6.88	7.00	5.00	.20	.300	700	N	N	N	<10	100	3.0	N
0263A	-3.39	-5.46	2.00	1.00	.15	.200	50	N	N	N	N	70	1.5	N
0263B	-3.39	-5.61	5.00	2.00	.30	.200	200	N	N	N	<10	70	2.0	N
0263C	-3.38	-5.84	7.00	2.00	.15	.300	500	V	N	N	<10	100	3.0	N
0269	-5.20	-6.58	1.50	.70	1.50	.200	300	N	N	N	<10	700	2.0	N
0282	.31	-0.87	7.00	1.50	.30	.300	700	1.5	N	N	<10	700	<1.0	N
0285	-4.20	-4.80	1.50	.20	.30	.200	200	N	N	N	<10	1,500	3.0	N
0287	-4.88	-4.70	.30	.15	.30	.100	50	N	N	N	<10	700	5.0	N
0288A	-4.82	-4.92	5.00	2.00	.20	.200	300	N	N	N	<10	150	3.0	N
0288B	-4.83	-5.14	5.00	1.50	.15	.200	200	V	N	N	<10	1,000	3.0	N
0289	-1.18	-9.25	7.00	1.00	.70	.700	300	N	N	N	<10	70	<1.0	N
0308	-4.50	-5.52	.70	.50	.07	.020	100	N	N	N	30	300	3.0	N
0320	3.15	-6.59	7.00	3.00	.20	.700	700	N	N	N	<10	70	3.0	N
0322	1.71	-6.49	15.00	1.50	10.00	.300	1,000	N	N	N	<10	20	5.0	N
0336	1.03	-3.83	5.00	1.50	.15	.200	150	N	N	N	<10	1,500	3.0	N
0351	-.70	-0.48	1.50	.05	.20	.030	100	N	N	N	<10	500	3.0	N
0398A	2.95	-2.20	5.00	.70	3.00	.200	300	N	N	N	<10	<20	1.5	N
0398B	2.97	-2.39	1.50	.50	2.00	.200	200	V	N	N	N	50	2.0	N
0398C	2.96	-2.55	5.00	2.00	.30	.300	500	V	N	N	10	70	1.5	N
0398D	2.96	-2.71	1.50	.50	1.00	.150	200	N	N	N	N	<20	1.0	N
0411	1.50	-9.78	5.00	1.50	.70	.300	700	N	N	N	<10	500	1.5	N
0418F	-4.59	-7.78	2.00	.50	.20	.150	70	V	N	N	N	500	2.0	N
0452A	4.80	-8.04	7.00	1.50	1.00	.200	500	1.0	N	N	10	300	3.0	N
0452B	4.80	-8.20	5.00	.15	.20	.150	10	N	N	N	<10	1,500	<1.0	N
0452C	4.82	-8.34	7.00	.50	.20	.150	100	.5	N	N	<10	500	<1.0	N
0453	5.12	-8.41	5.00	1.00	.07	.200	500	N	N	N	<10	1,500	1.5	N
0477	2.67	-9.03	3.00	.30	3.00	.150	500	V	N	N	N	700	5.0	N
0478	2.89	-8.71	2.00	1.50	.07	.150	300	N	N	N	<10	300	5.0	N
0515	5.48	-7.20	.70	<.02	.10	.020	10	N	N	N	N	N	<1.0	N
0516	5.32	-6.99	7.00	.15	7.00	.500	500	V	N	N	<10	<20	1.0	N
0519	4.39	-5.29	1.50	.10	1.00	.030	100	7.0	N	N	<10	150	5.0	N
0534A	-3.35	-6.03	3.00	.50	.07	.150	100	V	N	N	<10	150	5.0	N
0534B	-3.30	-6.19	7.00	.50	.05	.070	70	N	500	N	<10	100	5.0	N
0534C	-3.26	-6.37	7.00	.50	.05	.030	200	N	N	N	<10	700	3.0	N
0542	-8.48	1.69	7.00	1.50	1.50	.500	500	N	N	N	<10	700	1.5	N
0543A	.47	-0.22	7.00	1.50	1.00	.500	500	N	N	N	<10	200	1.5	N
0543B	.47	-0.41	5.00	1.00	1.50	.500	500	N	N	N	<10	200	2.0	N
0543C	.48	-0.60	.70	.03	<.05	.020	<10	10.0	N	N	N	50	<1.0	500
0555	1.26	-0.63	5.00	1.00	1.50	.300	700	N	N	N	<10	1,000	3.0	N
0556A	-1.28	-3.24	1.00	.50	1.50	.100	200	N	N	N	<10	150	3.0	N
0556B	-1.27	-3.42	7.00	.70	3.00	.200	500	N	N	N	<10	150	1.5	N
0556C	-1.27	-3.58	1.50	.30	.30	.150	200	N	N	N	N	1,000	<1.0	N
0556D	-1.28	-3.76	2.00	.30	.15	.100	200	1.0	N	N	N	1,500	<1.0	N

Analyses of samples of rock from Mount Zirkel Wilderness and Northern Park range vicinity, Jackson and Routt Counties, Colorado.

sample	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-P3	S-SB	S-SC	S-SN	S-SR	S-V	S-W
0250	N	5	<10	15	70	N	30	5	10	N	30	N	V	10	N
0259	N	<5	15	70	200	N	10	7	20	N	7	N	700	50	N
0260	N	30	15	<5	200	N	15	15	20	N	7	N	N	70	N
0263A	N	5	15	20	70	N	<10	5	<10	N	5	N	V	20	N
0263B	N	10	15	10	20	N	<10	7	<10	N	7	N	V	50	N
0263C	N	15	10	70	150	N	30	7	10	N	7	N	N	100	N
0269	N	5	10	70	70	N	10	10	<10	N	7	N	500	70	N
0282	N	15	200	100	20	N	<10	30	15	N	30	N	100	150	N
0285	N	N	<10	50	30	N	10	5	15	N	5	N	150	15	N
0287	N	N	10	30	70	N	10	7	<10	N	5	N	150	50	N
0288A	N	10	<10	15	30	N	15	10	<10	N	5	N	N	50	N
0288B	N	10	<10	10	20	N	<10	7	10	N	7	N	V	30	N
0289	N	15	15	20	50	N	30	10	10	N	20	N	100	70	N
0308	N	N	N	70	70	N	10	5	10	N	N	N	V	<10	N
0320	N	30	150	70	100	N	20	50	30	N	30	N	100	100	N
0322	N	N	200	30	100	N	10	5	30	N	70	N	>5,000	200	N
0336	N	5	10	20	50	N	15	5	30	N	5	N	100	20	N
0351	N	N	<10	30	50	N	<10	5	15	N	N	N	V	15	N
0398A	N	5	100	70	50	N	10	20	<10	N	7	N	700	100	N
0398B	N	N	15	50	70	N	10	7	<10	N	7	N	700	70	N
0398C	N	10	50	30	70	N	10	15	<10	N	10	N	150	70	N
0398D	N	<5	10	30	50	N	10	7	<10	N	5	N	300	70	N
0411	N	20	70	50	30	15	20	30	10	N	20	N	200	100	N
0418F	N	5	<10	20	50	N	<10	5	<10	N	<5	N	150	20	N
0452A	N	10	30	700	30	N	<10	10	20	N	20	N	150	70	N
0452B	N	15	<10	100	N	N	<10	10	50	N	<5	N	150	30	N
0452C	N	50	15	200	N	100	<10	20	30	N	10	N	100	70	N
0453	N	10	15	15	N	N	<10	7	15	N	10	N	<100	30	N
0477	N	N	<10	15	100	N	<10	<5	20	N	5	N	700	50	N
0478	N	5	<10	5	30	N	<10	5	10	N	7	N	V	20	N
0515	N	<5	N	10	N	N	N	<5	15	N	N	N	N	<10	N
0516	N	N	200	20	50	N	<10	7	10	N	30	N	2,000	300	N
0519	N	5	<10	5,000	30	N	<10	7	10	N	<5	N	100	70	N
0534A	N	<5	15	100	70	N	<10	5	10	N	<5	N	100	150	N
0534B	N	N	100	70	20	N	<10	5	10	N	<5	N	V	200	N
0534C	N	<5	20	10	20	N	<10	<5	10	N	<5	N	N	70	N
0542	N	20	20	3,000	N	N	<10	20	15	N	20	N	300	150	N
0543A	N	30	300	10,000	20	N	<10	50	15	N	15	N	300	100	N
0543B	N	15	300	5,000	30	N	<10	50	10	N	20	N	300	100	N
0543C	N	N	<10	100	N	N	<10	5	10	N	N	N	V	15	N
0555	N	5	20	70	30	N	<10	7	20	N	7	N	500	50	N
0556A	N	<5	50	15	N	N	<10	30	15	N	5	N	300	20	N
0556B	N	5	20	10	50	N	<10	10	15	N	7	N	700	150	N
0556C	N	<5	<10	100	20	N	<10	20	50	N	7	N	100	50	N
0556D	N	5	<10	70	N	N	<10	15	70	N	N	N	200	20	N

Analyses of samples of rock from Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties,
Colorado.

sample	S-Y	S-ZN	S-ZR	S-GA	AA-AU-P	INST-HG	AA-CU-P	AA-PB-P	AA-ZN-P	AA-AG-P
0250	100	N	500	--	<.02	.09	10	15	100	<.2
0259	15	N	70	--	<.02	.14	45	15	70	<.2
0260	<10	200	200	--	<.02	.05	10	25	150	<.2
0263A	N	N	50	--	<.02	.04	10	5	20	<.2
0263B	N	N	70	--	<.02	.04	10	10	55	<.2
0263C	10	N	300	--	<.02	.03	10	15	85	<.2
0269	20	N	70	--	.02	.06	40	5	35	<.2
0282	30	<200	100	--	<.02	.24	110	15	85	.4
0285	N	N	150	--	<.02	.06	10	20	45	<.2
0287	<10	N	70	--	<.02	.18	10	5	<5	<.2
0288A	<10	N	300	--	<.02	.08	10	15	90	<.2
0288B	N	N	150	--	<.02	.05	10	15	90	<.2
0289	100	N	300	--	<.02	.04	10	10	15	<.2
0308	70	300	70	--	<.02	.24	35	10	180	<.2
0320	100	N	150	--	<.02	.06	10	20	180	<.2
0322	70	N	30	--	<.02	.03	10	20	75	<.2
0336	20	N	100	--	<.02	.06	10	10	20	<.2
0351	10	N	30	--	<.02	.02	10	5	5	<.2
0398A	15	N	150	--	<.02	.06	15	10	25	<.2
0398B	10	N	150	--	<.02	.02	10	5	10	<.2
0398C	15	N	150	--	<.02	.14	10	10	45	<.2
0398D	<10	N	150	--	<.02	.02	10	5	10	<.2
0411	50	N	200	--	<.02	.75	45	20	110	<.2
0418F	<10	N	150	--	<.02	.01	10	5	19	<.2
0452A	15	N	70	--	<.02	1.20	360	20	80	.4
0452B	10	N	50	--	<.02	.30	90	30	5	.2
0452C	N	N	30	--	<.02	.85	260	25	20	.6
0453	<10	N	70	--	<.02	.08	10	15	110	<.2
0477	20	N	70	--	<.02	.04	10	15	30	<.2
0478	15	N	150	--	<.02	.02	5	15	80	<.2
0515	10	N	100	--	<.02	.04	10	<5	15	<.2
0516	20	N	70	--	<.02	.04	10	5	<5	<.2
0519	N	N	15	--	<.02	.50	12,000	20	20	23.0
0534A	<10	N	70	--	<.02	.14	240	10	25	1.0
0534B	N	N	100	--	<.02	.04	15	10	25	<.2
0534C	N	N	20	--	<.02	.04	15	10	35	<.2
0542	15	N	70	--	.02	.90	3,000	10	190	<.2
0543A	10	N	100	--	<.02	.40	12,000	20	150	<.2
0543B	20	N	150	--	<.02	.20	6,000	15	130	<.2
0543C	N	N	N	--	.04	.75	310	35	15	22.0
0555	20	N	150	--	<.02	.20	25	15	80	<.2
0556A	N	N	100	--	<.02	.14	20	30	40	<.2
0556B	<10	N	100	--	<.02	.09	10	10	25	<.2
0556C	<10	N	30	--	<.02	.80	75	25	100	<.2
0556D	N	N	100	--	<.02	.55	60	110	80	.4

Analyses of samples of rock from Mount Zirkel Wilderness and Northern Park Range vicinity Jackson and Routt Counties,
Colorado.

sample	X-COORD.	Y-COORD.	S-FEZ	S-MGZ	S-CAZ	S-TIZ	S-MN	S-AG	S-AS	S-AU	S-3	S-BA	S-BE	S-BI
0556E	-1.28	-4.00	.50	.20	.07	.030	50	V	N	N	N	1,000	<1.0	N
0558	11.05	-6.18	.07	<.02	>20.00	.015	<10	N	N	N	N	<20	1.0	N
0559	11.05	-6.28	7.00	<.02	20.00	.015	10	N	N	N	N	<20	<1.0	N
0560	11.06	-6.39	.70	<.02	20.00	.015	<10	N	N	N	N	N	7.0	N
0561	11.07	-6.49	2.00	<.02	20.00	.010	<10	N	200	N	N	<20	3.0	N
0562	11.09	-6.59	>20.00	.02	.10	.020	200	1.5	3,000	N	N	200	5.0	N
0563	11.01	-6.08	.70	.02	10.00	.015	70	N	<200	N	N	100	3.0	N
0567	18.15	-4.51	.30	<.02	20.00	.015	<10	N	N	N	N	<20	1.0	N
0582	9.11	-3.68	1.50	.02	.05	.005	15	N	N	N	N	30	<1.0	N
0597	9.63	-8.87	7.00	3.00	.10	.500	700	V	N	N	<10	150	3.0	N
0601	9.72	-5.53	N	<.02	20.00	.010	<10	N	N	N	N	N	5.0	N
0606	10.57	-2.27	1.00	.05	.10	.070	200	N	N	N	N	500	3.0	N
0607	10.59	-2.42	1.50	.05	.07	.100	150	N	1,000	N	N	700	3.0	N
0608	10.57	-2.55	.70	.03	7.00	.150	100	V	N	N	N	700	7.0	N
0609	10.58	-2.69	1.00	<.02	20.00	.015	<10	N	N	N	N	150	3.0	N
0612	10.99	-1.50	3.00	.02	.10	.200	100	N	1,000	N	<10	1,000	30.0	N
0652	8.22	-0.96	1.50	.07	<.05	.100	15	N	N	N	<10	1,000	<1.0	N
0655	11.27	-3.63	.70	.15	5.00	.020	700	V	N	N	N	300	10.0	N
0581	8.59	-4.29	1.50	.15	.07	.100	70	N	N	N	<10	700	3.0	N
0004	-4.45	-1.51	1.50	1.50	1.00	.300	500	.5	<200	--	20	1,000	1.0	<20
0006A	2.39	3.61	2.00	5.00	7.00	.100	5,000	20.0	<200	--	<10	300	1.0	<20
0006B	2.43	3.43	1.50	3.00	5.00	.050	2,000	20.0	<200	--	<10	1,000	1.0	<20
0007A	-8.82	-4.50	1.50	5.00	10.00	.150	5,000	150.0	<200	--	10	700	2.0	<20
0007B	-8.76	-4.66	2.00	5.00	10.00	.015	>5,000	200.0	<200	--	<10	<50	1.0	30
0007C	-8.76	-4.84	2.00	5.00	3.00	.100	5,000	7.0	<200	--	10	200	2.0	<20
0007D	-8.74	-5.00	2.00	7.00	10.00	.020	>5,000	1.0	<200	--	<10	<50	2.0	<20
0007E	-8.72	-5.17	2.00	7.00	20.00	.010	>5,000	3.0	<200	--	<10	50	<1.0	<20
0007F	-8.68	-5.32	3.00	7.00	7.00	.030	5,000	3.0	<200	--	<10	<50	1.0	20
0007G	-8.66	-5.52	.50	1.00	5.00	.010	2,000	15.0	<200	--	<10	<50	1.0	<20
0032A	-4.27	-1.89	2.00	1.00	7.00	.200	500	<.5	<200	--	<10	700	<1.0	<20
0032B	-4.26	-2.06	2.00	1.00	15.00	.200	1,000	<.5	<200	--	<10	500	<1.0	<20
0038A	-9.05	-.82	5.00	1.50	7.00	.500	1,500	<.5	<200	--	<10	300	<1.0	<20
0038B	-8.99	-1.02	2.00	.70	5.00	.200	700	<.5	<200	--	<10	500	<1.0	<20
0042	-0.20	-4.66	2.00	7.00	10.00	.050	3,000	<.5	<200	--	10	70	5.0	<20
0044	-0.16	-4.79	10.00	1.00	5.00	.050	2,000	200.0	<200	--	10	150	2.0	<20
0045	-0.14	-4.93	2.00	5.00	15.00	1.000	2,000	20.0	<200	--	<10	700	<1.0	<20
0046	-0.09	-5.10	1.50	10.00	15.00	.050	>5,000	200.0	<200	--	<10	200	1.0	100
0047A	-0.16	-5.24	2.00	.50	.20	.030	500	50.0	<200	--	<10	300	2.0	<20
0047B	-0.14	-5.40	5.00	10.00	.02	.070	2,000	20.0	<200	--	<10	300	<1.0	<20
0047C	-0.12	-5.60	1.00	1.00	.50	.070	700	7.0	<200	--	<10	300	2.0	<20
0047D	-0.10	-5.79	3.00	7.00	5.00	.050	5,000	20.0	<200	--	<10	200	1.0	<20
0048A	-9.34	-4.64	2.00	1.50	20.00	.300	1,000	<.5	<200	--	<10	700	<1.0	<20
0048B	-9.34	-4.52	1.00	1.50	15.00	.100	1,000	.5	<200	--	<10	700	<1.0	<20
0048C	-9.35	-4.38	2.00	1.50	20.00	.200	1,000	<.5	<200	--	<10	700	<1.0	<20
0049	-9.61	-4.92	2.00	5.00	10.00	.010	>5,000	500.0	<200	--	<10	70	1.0	<20

Analyses of samples of rock from Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado.

sample	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	S-W
0556E	N	5	<10	20	N	N	<10	5	15	N	<5	N	150	15	N
0558	N	N	N	5	30	N	10	N	30	N	N	N	300	10	N
0559	N	N	N	5	<20	100	10	N	15	N	N	N	300	15	N
0560	N	N	N	5	<20	N	10	N	N	N	N	N	500	10	N
0561	N	N	N	5	30	30	10	N	20	N	N	N	300	15	N
0562	N	N	<10	30	<20	150	10	7	10	N	N	N	150	20	N
0563	N	N	N	10	50	15	10	5	10	N	N	N	150	15	N
0567	N	N	N	5	50	15	10	N	<10	N	N	N	150	<10	N
0582	N	N	<10	5	30	N	10	5	10	N	N	N	N	15	N
0597	N	20	30	20	150	N	10	15	15	N	15	N	N	70	N
0601	N	N	N	5	50	N	<10	N	N	N	5	N	500	10	N
0606	N	N	N	15	30	50	<10	7	70	N	N	N	N	15	N
0607	N	N	N	30	50	15	50	5	70	N	<5	N	150	20	N
0608	N	N	N	5	50	15	10	<5	<10	N	5	N	150	50	N
0609	N	N	N	70	50	150	<10	<5	300	N	7	N	100	15	N
0612	N	N	N	30	<20	20	10	5	10	N	15	N	150	15	N
0652	N	N	N	15	N	5	<10	<5	30	N	5	N	N	15	N
0655	N	N	N	20	30	50	10	7	10	N	5	N	150	15	N
0581	N	N	N	30	30	N	10	5	20	N	5	N	N	15	N
0004	<50	5	20	100	20	<2	--	15	100	<100	5	<10	150	30	<50
0006A	>500	5	<2	2,000	100	<2	--	<2	>5,000	<100	<2	<10	<100	<10	<50
0006B	>500	5	<2	1,500	70	<2	--	<2	>5,000	100	<2	<10	100	<10	<50
0007A	<50	5	15	5,000	<20	<2	--	5	>5,000	300	5	10	200	20	<50
0007B	<50	<5	<2	>5,000	<20	<2	--	2	>5,000	500	<2	<10	<100	<10	<50
0007C	<50	<5	<2	5,000	20	<2	--	<2	1,000	<100	<2	<10	<100	<10	<50
0007D	<50	7	<2	1,000	<20	2	--	5	5,000	<100	<2	<10	<100	10	<50
0007E	<50	5	<2	100	<20	<2	--	2	3,000	<100	<2	<10	200	10	<50
0007F	<50	<5	<2	5,000	<20	<2	--	<2	1,500	500	<2	15	<100	<10	<50
0007G	<50	<5	<2	200	<20	<2	--	<2	2,000	<100	<2	<10	<100	<10	<50
0032A	<50	10	20	30	<20	<2	--	5	50	<100	7	<10	200	100	<50
0032B	<50	7	50	50	<20	<2	--	5	70	<100	10	<10	200	150	<50
0038A	<50	15	10	30	<20	2	--	5	50	<100	15	<10	1,500	300	<50
0038B	<50	5	7	20	<20	<2	--	2	20	<100	10	<10	500	70	<50
0042	<50	<5	<2	2,000	20	<2	--	2	200	<100	<2	15	<100	10	<50
0044	<50	<5	5	2,000	30	50	--	5	>5,000	200	2	<10	<100	15	<50
0045	<50	<5	20	1,000	20	<2	--	2	2,000	<100	5	30	300	30	<50
0046	<50	<5	<2	>5,000	70	<2	--	5	>5,000	300	<2	10	100	10	<50
0047A	150	<5	<2	>5,000	20	<2	--	2	1,500	<100	<2	15	<100	<10	<50
0047B	<50	<5	2	>5,000	20	<2	--	5	2,000	<100	<2	10	<100	<10	<50
0047C	100	<5	<2	2,000	30	<2	--	<2	500	<100	<2	10	<100	<10	<50
0047D	100	<5	2	>5,000	<20	2	--	2	200	<100	<2	30	<100	<10	<50
0048A	<50	10	50	100	20	<2	--	10	30	<100	10	<10	300	100	<50
0048B	<50	<5	15	150	20	<2	--	2	50	<100	7	<10	300	20	<50
0048C	<50	10	30	50	20	<2	--	7	70	<100	7	<10	300	70	<50
0049	<50	5	<2	>5,000	<20	<2	--	2	>5,000	<100	<2	<10	<100	10	<50

Analyses of samples of rock from Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties,
Colorado.

sample	S-Y	S-ZN	S-ZR	S-GA	AA-AU-P	INST-HG	AA-CU-P	AA-PB-P	AA-ZN-P	AA-AG-P
0556E	N	N	15	--	<.02	.10	35	15	20	<.2
0558	150	N	N	--	<.02	.24	90	150	<5	<.2
0559	70	N	50	--	--	5.50	80	120	5	.2
0560	50	N	N	--	<.02	.10	70	100	<5	.2
0561	70	N	N	--	<.02	.55	70	120	30	<.2
0562	20	N	N	--	<.02	>10.00	70	20	70	.4
0563	50	N	N	--	<.02	4.00	60	80	10	.4
0567	100	N	20	--	<.02	.20	60	100	20	.2
0582	N	N	N	--	<.02	.12	60	<5	<5	<.2
0597	30	N	200	--	<.02	.18	60	20	110	<.2
0601	300	N	N	--	<.02	.06	70	100	<5	<.2
0606	10	N	70	--	<.02	.28	70	180	60	.2
0607	20	N	150	--	<.02	.45	130	100	80	<.2
0608	20	N	N	--	<.02	.30	50	60	140	<.2
0609	150	N	30	--	<.02	.35	120	580	50	<.2
0612	<10	N	70	--	<.02	1.50	50	20	20	<.2
0652	15	N	70	--	<.02	.11	60	20	<5	<.2
0655	30	N	20	--	<.02	.18	50	40	20	<.2
0581	15	N	150	--	<.02	.18	50	20	10	<.2
0004	10	500	200	20	--	--	--	--	--	--
0006A	70	>10,000	150	15	--	--	--	--	--	--
0006B	50	>10,000	150	15	--	--	--	--	--	--
0007A	30	>10,000	70	10	--	--	--	--	--	--
0007B	10	5,000	<10	<10	--	--	--	--	--	--
0007C	70	>10,000	300	20	--	--	--	--	--	--
0007D	20	>10,000	10	<10	--	--	--	--	--	--
0007E	<10	1,000	<10	<10	--	--	--	--	--	--
0007F	30	>10,000	20	15	--	--	--	--	--	--
0007G	<10	10,000	<10	<10	--	--	--	--	--	--
0032A	10	100	20	30	--	--	--	--	--	--
0032B	20	100	50	50	--	--	--	--	--	--
0038A	30	100	50	50	--	--	--	--	--	--
0038B	30	100	100	20	--	--	--	--	--	--
0042	100	>10,000	100	20	--	--	--	--	--	--
0044	70	>10,000	100	20	--	--	--	--	--	--
0045	50	>10,000	10	30	--	--	--	--	--	--
0046	70	10,000	100	15	--	--	--	--	--	--
0047A	30	>10,000	150	10	--	--	--	--	--	--
0047B	30	5,000	200	100	--	--	--	--	--	--
0047C	30	>10,000	200	20	--	--	--	--	--	--
0047D	30	>10,000	150	20	--	--	--	--	--	--
0048A	20	<100	150	20	--	--	--	--	--	--
0048B	10	100	50	<20	--	--	--	--	--	--
0048C	20	100	70	<20	--	--	--	--	--	--
0049	<10	>10,000	<10	<20	--	--	--	--	--	--

Analyses of samples of rock from Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado.

sample	X-COORD.	Y-COORD.	S-FEX	S-MG%	S-CAZ	S-TIX	S-MN	S-AG	S-AS	S-AU	S-B	S-BA	S-BE	S-BI
0050	-9.58	-4.08	1.50	3.00	5.00	.100	3,000	10.0	<200	--	<10	100	2.0	<20
0051	-9.57	-4.22	3.00	7.00	5.00	.150	5,000	3.0	<200	--	20	<50	1.0	<20
0052	-9.55	-4.37	2.00	5.00	5.00	.100	>5,000	200.0	<200	--	20	<50	2.0	<20
0054	-9.53	-4.54	1.50	5.00	7.00	.020	>5,000	300.0	<200	--	<10	<50	2.0	20
0055	-9.51	-4.69	2.00	10.00	7.00	.050	>5,000	5.0	<200	--	<10	50	2.0	20
0056	-9.49	-4.84	1.00	1.50	5.00	.015	2,000	7.0	<200	--	<10	70	<1.0	<20
0057	-9.46	-6.01	1.50	2.00	.20	.050	1,500	1.0	<200	--	<10	200	1.0	<20
0060	-9.42	-6.15	2.00	10.00	10.00	.015	>5,000	10.0	<200	--	<10	<50	<1.0	<20
0083	-7.87	-3.04	.50	1.00	20.00	.010	100	<.5	<200	--	<10	70	<1.0	<20
0084	-8.03	-3.84	1.50	1.00	10.00	.200	300	2.0	<200	--	10	1,000	<1.0	<20
0090	-1.08	-7.48	.50	.50	>20.00	.010	200	<.5	<200	--	<10	70	<1.0	<20
0093	-0.12	-4.32	3.00	7.00	10.00	.100	3,000	.5	<200	--	<10	300	1.0	<20
0094	-0.09	-4.11	3.00	3.00	2.00	.100	1,000	.5	<200	--	20	1,500	5.0	<20
0097A	-9.39	-4.13	3.00	7.00	10.00	.020	5,000	20.0	<200	--	10	<50	1.0	<20
0097B	-9.42	-3.96	5.00	7.00	7.00	.100	5,000	<.5	<200	--	<10	500	2.0	20
0101	-8.97	-6.83	1.00	1.50	>20.00	.100	500	1.0	<200	--	<10	300	<1.0	<20
0104	-4.90	-5.28	1.50	.50	.20	.100	500	1.5	<200	--	<10	1,500	<1.0	<20
0113	-5.21	-4.24	2.00	1.00	10.00	.500	1,000	<.5	<200	--	<10	1,500	<1.0	<20
0114	-5.26	-4.39	1.50	1.00	20.00	.200	500	7.0	<200	--	<10	1,500	<1.0	<20
0115	-5.26	-4.52	1.00	.70	20.00	.100	500	1.0	<200	--	<10	500	<1.0	<20
0130	-6.57	-0.42	3.00	2.00	5.00	1.000	1,000	.5	<200	--	<10	1,500	<1.0	<20
0139	-1.89	-0.66	.70	.70	20.00	.150	200	.7	<200	--	10	700	<1.0	<20
0141	-5.19	-2.98	1.00	.70	15.00	.150	200	<.5	<200	--	10	300	<1.0	<20
0147	-7.40	-6.92	5.00	.50	10.00	.050	500	<.5	<200	--	<10	<50	<1.0	<20
0152	-5.62	-8.23	1.00	.20	3.00	.150	100	<.5	<200	--	<10	1,500	1.0	<20
0180	-5.36	-0.67	1.00	.70	20.00	.150	200	1.5	<200	--	10	1,000	<1.0	<20
0181	-5.37	-0.82	1.00	1.00	20.00	.150	500	<.5	<200	--	<10	700	<1.0	<20
0182	-5.55	-1.94	1.50	1.50	2.00	.300	500	.5	<200	--	20	1,000	1.0	<20
0186	-6.79	-7.71	.70	.10	.20	.150	50	<.5	<200	--	<10	2,000	<1.0	<20
0187	-6.82	-7.82	1.00	.10	1.00	.200	150	1.5	<200	--	<10	1,000	<1.0	<20
0188	-6.84	-7.96	1.00	.15	.20	.200	50	<.5	<200	--	10	700	<1.0	<20
0202	-3.07	-0.51	.20	.50	>20.00	.015	30	<.5	<200	--	<10	70	<1.0	<20
0205	-4.77	-8.23	.70	.70	>20.00	.050	100	2.0	<200	--	<10	150	<1.0	<20
0273	15.31	6.99	15.00	2.00	10.00	.100	>5,000	V	N	N	10	70	1.0	N
0687	27.76	17.84	.05	.05	20.00	.010	10	V	N	N	N	20	<1.0	N
0705	27.75	15.39	1.00	1.00	20.00	.100	1,000	N	N	N	<10	1,000	N	N
0723	13.25	13.06	15.00	7.00	20.00	.200	>5,000	V	N	N	10	20	2.0	N
0724	13.29	12.84	10.00	10.00	15.00	.100	5,000	V	N	N	<10	50	1.0	N
0725	13.68	13.17	.10	.05	.05	.005	30	N	N	N	<10	30	N	N
0729	11.88	18.34	10.00	10.00	10.00	.005	>5,000	7.0	N	N	<10	70	1.0	N
0735	12.79	14.92	10.00	.05	.05	.005	100	300.0	N	N	10	>5,000	1.0	50
0736	12.77	15.07	10.00	3.00	5.00	.200	2,000	7.0	N	N	<10	300	2.0	N
0737	12.73	15.22	20.00	2.00	5.00	.300	3,000	N	N	N	<10	200	3.0	N
0745	12.97	22.73	10.00	5.00	1.00	.300	1,000	50.0	N	N	<10	700	<1.0	50
0749	9.05	1.05	15.00	10.00	<.05	.020	1,000	N	N	N	30	30	N	N

Analyses of samples of rock from Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties,
Colorado.

sample	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	S-W
0050	<50	7	5	2,000	20	2	--	2	>5,000	<100	5	10	100	20	500
0051	<50	10	2	>5,000	50	5	--	5	1,500	<100	7	<10	<100	30	<50
0052	<50	10	10	>5,000	<20	30	--	5	5,000	100	2	<10	<100	20	<50
0054	<50	<5	<2	>5,000	<20	<2	--	2	>5,000	200	<2	20	150	<10	<50
0055	<50	<5	<2	5,000	20	<2	--	<2	2,000	200	<2	15	100	30	<50
0056	<50	<5	<2	500	<20	<2	--	2	500	<100	<2	<10	<100	<10	<50
0057	<50	<5	<2	500	20	<2	--	<2	200	<100	<2	<10	<100	30	<50
0060	<50	5	<2	1,000	<20	2	--	2	1,000	200	<2	<10	<100	10	<50
0083	<50	<5	2	30	<20	<2	--	2	100	<100	<2	<10	200	15	<50
0084	<50	<5	30	200	30	<2	--	5	150	<100	5	<10	200	50	<50
0090	<50	<5	<2	10	<20	<2	--	<2	15	<100	<2	<10	500	20	<50
0093	<50	<5	<2	50	<20	<2	--	2	20	<100	2	15	100	15	<50
0094	<50	<5	<2	1,000	<20	<2	--	5	50	<100	<2	15	300	20	<50
0097A	<50	<5	<2	2,000	<20	2	--	7	10	<100	<2	30	<100	<10	<50
0097B	<50	<5	150	>5,000	50	2	--	5	50	<100	7	50	<100	30	<50
0101	<50	<5	15	30	20	<2	--	5	30	<100	2	<10	300	20	<50
0104	<50	<5	<2	700	30	<2	--	<2	30	<100	<2	<10	<100	<10	<50
0113	<50	10	70	20	20	<2	--	10	20	<100	10	<10	200	100	<50
0114	<50	5	20	10	30	<2	--	5	100	<100	5	<10	300	50	<50
0115	<50	<5	<2	50	50	<2	--	2	100	<100	<2	<10	200	30	<50
0130	<50	20	200	1,500	50	2	--	50	50	<100	15	<10	700	200	<50
0139	<50	<5	10	5	<20	<2	--	2	70	<100	<2	<10	300	20	<50
0141	<50	<5	20	20	20	<2	--	5	20	<100	2	<10	300	30	<50
0147	<50	<5	2	10	30	2	--	<2	20	<100	2	<10	2,000	500	<50
0152	<50	<5	15	20	20	<2	--	5	20	<100	2	<10	100	50	<50
0180	<50	5	15	5	<20	<2	--	10	20	<100	<2	<10	500	30	<50
0181	<50	5	20	20	20	<2	--	5	20	<100	2	<10	500	30	<50
0182	<50	5	20	20	30	<2	--	7	30	<100	5	<10	300	50	<50
0186	<50	<5	5	<5	30	<2	--	2	15	<100	<2	<10	<100	20	<50
0187	<50	<5	5	5	20	<2	--	2	20	<100	<2	<10	<100	30	<50
0188	<50	<5	10	5	20	<2	--	2	10	<100	<2	<10	<100	30	<50
0202	<50	<5	<2	5	<20	<2	--	<2	10	<100	<2	<10	200	15	<50
0205	<50	<5	2	<5	100	<2	--	<2	20	<100	<2	<10	300	20	<50
0673	N	20	N	50	N	N	N	<5	N	N	10	N	N	20	N
0687	N	N	N	<5	200	200	N	N	N	N	N	N	200	<10	N
0705	N	5	70	20	30	N	N	5	100	N	<5	N	100	20	N
0723	N	30	10	<5	N	N	N	<5	N	N	15	N	N	50	N
0724	N	10	10	50	N	N	N	5	10	N	10	N	200	30	N
0725	N	N	N	20	N	N	N	5	N	N	N	N	N	10	N
0729	N	N	N	50	N	N	N	<5	1,000	N	N	N	N	10	N
0735	N	30	N	>20,000	N	N	N	30	20	N	N	70	300	50	N
0736	N	30	N	5,000	N	N	20	5	20	N	20	15	150	200	50
0737	N	10	10	150	N	N	N	<5	10	N	20	70	N	200	N
0745	N	7	50	>20,000	N	N	N	<5	20	N	20	N	N	200	N
0749	N	200	200	1,000	N	N	N	700	20	N	10	N	N	10	N

Analyses of samples of rock from Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties,
Colorado.

sample	S-Y	S-ZN	S-ZR	S-GA	AA-AU-P	INST-HG	AA-CU-P	AA-PB-P	AA-ZV-P	AA-AG-P
0050	30	>10,000	100	<20	--	--	--	--	--	--
0051	50	>10,000	100	<20	--	--	--	--	--	--
0052	15	>10,000	10	<20	--	--	--	--	--	--
0054	10	>10,000	15	20	--	--	--	--	--	--
0055	50	5,000	200	20	--	--	--	--	--	--
0056	<10	3,000	<10	<20	--	--	--	--	--	--
0057	30	10,000	150	<20	--	--	--	--	--	--
0060	20	5,000	<10	<20	--	--	--	--	--	--
0083	10	<100	10	<20	--	--	--	--	--	--
0084	30	100	150	<20	--	--	--	--	--	--
0090	10	<100	<10	<20	--	--	--	--	--	--
0093	30	700	100	<20	--	--	--	--	--	--
0094	15	700	100	<20	--	--	--	--	--	--
0097A	20	>10,000	10	<20	--	--	--	--	--	--
0097B	150	7,000	150	20	--	--	--	--	--	--
0101	20	<100	70	<20	--	--	--	--	--	--
0104	30	150	200	<20	--	--	--	--	--	--
0113	30	100	100	<20	--	--	--	--	--	--
0114	20	<100	50	<20	--	--	--	--	--	--
0115	20	100	100	<20	--	--	--	--	--	--
0130	30	100	300	50	--	--	--	--	--	--
0139	10	<100	200	10	--	--	--	--	--	--
0141	10	<100	50	15	--	--	--	--	--	--
0147	50	<100	10	50	--	--	--	--	--	--
0152	10	<100	150	10	--	--	--	--	--	--
0180	10	<100	150	15	--	--	--	--	--	--
0181	10	<100	100	10	--	--	--	--	--	--
0182	10	<100	200	20	--	--	--	--	--	--
0186	<10	<100	70	15	--	--	--	--	--	--
0187	<10	<100	100	15	--	--	--	--	--	--
0188	<10	<100	200	15	--	--	--	--	--	--
0202	<10	<100	<10	<10	--	--	--	--	--	--
0205	30	<100	20	15	--	--	--	--	--	--
0673	30	300	100	--	N	.12	65	5	25	N
0687	200	N	20	--	N	.28	5	10	5	N
0705	15	N	100	--	N	<.02	15	50	10	N
0723	20	1,000	70	--	N	<.02	<5	5	40	N
0724	20	1,000	70	--	<.05	<.02	55	<5	180	N
0725	N	N	N	--	<.05	N	<5	N	<5	N
0729	10	2,000	N	--	<.05	N	50	620	150	4.0
0735	10	N	10	--	.10	.24	68,000	15	80	250.0
0736	20	N	70	--	N	.04	7,500	10	150	3.5
0737	30	300	15	--	N	<.02	110	5	30	<.5
0745	30	N	200	--	N	.06	66,000	15	50	20.0
0749	N	N	N	--	N	.06	440	15	60	N

Analyses of samples of rock from Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties,
Colorado.

sample	X-COORD.	Y-COORD.	S-FEX	S-MGZ	S-CAZ	S-TIX	S-MN	S-AG	S-AS	S-AU	S-3	S-BA	S-BE	S-BI
0750	8.89	1.31	15.00	10.00	2.00	.200	2,000	N	N	N	30	50	N	N
0751	8.58	1.12	15.00	10.00	1.00	.100	1,000	N	N	N	30	30	N	N
0753	15.67	18.53	15.00	.50	10.00	.100	>5,000	3.0	N	N	20	50	N	N
0758	15.41	19.17	5.00	2.00	<.05	.050	1,000	7.0	N	N	<10	500	<1.0	10
0774	14.22	17.82	10.00	2.00	3.00	.700	2,000	50.0	N	N	<10	700	<1.0	150
0777	14.69	17.80	20.00	2.00	20.00	.100	>5,000	V	N	N	<10	30	1.0	N
0785	12.05	18.93	10.00	5.00	5.00	.200	2,000	3.0	N	N	<10	500	<1.0	10
0786	12.03	18.78	5.00	.20	1.00	.002	1,000	30.0	N	N	<10	200	1.0	1,000
0787	12.05	18.63	2.00	5.00	.10	.030	2,000	5.0	N	N	<10	30	1.0	15
0788	11.23	19.75	1.00	1.00	1.00	<.002	500	V	N	N	N	N	<1.0	N
0789	11.35	19.57	2.00	.30	3.00	.010	200	N	N	N	<10	150	2.0	N
0790	11.43	19.42	10.00	1.00	.10	.050	500	150.0	N	N	10	150	1.0	200
0791	11.51	19.27	10.00	.20	.10	.007	2,000	190.0	N	N	10	20	N	>1,000
0792	11.56	19.12	10.00	2.00	.20	.200	1,000	70.0	N	N	10	300	<1.0	70
0793	11.59	19.95	10.00	5.00	3.00	.300	2,000	5.0	N	N	10	70	N	20
0797	12.53	19.05	10.00	5.00	.50	.500	1,000	5.0	N	N	10	1,000	2.0	10
0809	10.49	1.16	2.00	1.00	2.00	.200	200	N	N	N	<10	5,000	<1.0	N
0810	10.49	.94	10.00	10.00	10.00	.200	1,000	150.0	N	N	10	500	<1.0	1,000
0818	11.73	14.89	.10	.05	<.05	.002	20	V	N	N	<10	200	N	N
0822	10.94	15.60	10.00	5.00	20.00	.200	2,000	3.0	N	N	<10	20	N	200
0823	10.94	15.43	10.00	2.00	10.00	.700	1,000	3.0	N	N	<10	300	N	200
0825	12.23	15.60	10.00	7.00	20.00	.200	2,000	7.0	N	N	<10	700	<1.0	10
0826	12.20	15.39	10.00	7.00	10.00	.200	2,000	15.0	N	N	<10	200	1.0	10
0845	9.67	2.85	10.00	7.00	5.00	1,000	1,000	N	N	N	10	1,000	<1.0	N
0848	9.42	3.85	3.00	.20	.10	.300	100	N	N	N	<10	3,000	N	N
0849	9.41	4.05	10.00	3.00	3.00	.200	1,500	.5	N	N	<10	5,000	<1.0	N
0850	9.40	4.19	3.00	1.00	10.00	.100	5,000	V	N	N	<10	1,000	2.0	N
0851	9.39	4.32	10.00	5.00	7.00	.700	2,000	N	N	N	10	300	N	N
0852	9.37	4.47	3.00	1.00	1.00	.300	1,000	N	N	N	<10	500	2.0	N
0854	8.81	6.15	5.00	2.00	3.00	.300	700	.5	N	N	<10	700	<1.0	N
0879	6.39	11.29	5.00	5.00	5.00	.100	3,000	50.0	N	N	<10	1,000	2.0	50
0899	12.52	16.07	15.00	5.00	20.00	.500	>5,000	V	N	N	<10	30	10.0	N
0902	12.98	15.89	1.00	.02	.05	.002	50	1.5	N	N	<10	70	5.0	N
0903	13.00	15.77	1.00	.02	.05	.010	50	N	N	N	<10	30	5.0	N
0909	15.10	19.32	3.00	.50	<.05	.050	200	10.0	N	N	<10	2,000	N	15
0910	15.55	19.98	10.00	10.00	5.00	.100	2,000	10.0	N	N	<10	N	10.0	10
0912	14.82	19.11	3.00	2.00	2.00	.200	2,000	15.0	N	N	<10	5,000	N	10
0914	14.13	18.60	10.00	2.00	10.00	.200	>5,000	N	N	N	<10	100	7.0	N
0915	14.15	18.47	7.00	3.00	10.00	.500	5,000	N	N	N	<10	300	1.0	N
0916	14.21	18.35	10.00	3.00	10.00	.100	5,000	2.0	N	N	<10	1,500	<1.0	N
0917	14.79	18.49	10.00	3.00	20.00	.050	5,000	5.0	N	N	<10	100	<1.0	10
0918	14.27	18.21	3.00	1.00	5.00	.007	2,000	10.0	N	N	<10	70	<1.0	<10
0919	14.28	18.05	10.00	5.00	1.00	.100	5,000	10.0	N	N	<10	200	1.0	N
0929	17.42	20.68	15.00	2.00	5.00	.300	>5,000	7.0	N	N	<10	70	<1.0	20
0933	9.75	-5.42	<.05	.02	20.00	.005	<10	N	N	N	<10	N	1.0	N

Analyses of samples of rock from Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado.

sample	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-P3	S-SB	S-SC	S-SN	S-SR	S-V	S-W
0750	N	200	500	200	N	N	N	300	N	N	20	N	N	100	N
0751	N	200	500	150	N	N	10	700	20	N	15	N	N	30	N
0753	N	7	N	1,000	500	5	N	<5	N	N	5	N	N	100	N
0758	N	N	N	10,000	N	N	N	<5	150	N	5	15	N	<10	N
0774	N	20	50	10,000	N	N	N	20	7,000	N	20	N	N	200	N
0777	N	20	<10	50	N	N	N	15	20	N	5	N	N	20	N
0785	N	30	200	10,000	N	N	N	50	50	N	20	N	200	100	N
0786	N	5	N	10,000	N	N	N	<5	100	N	N	10	100	<10	N
0787	N	50	N	20,000	N	N	N	20	20	N	5	N	N	<10	N
0788	N	100	N	>20,000	N	N	N	30	30	N	<5	N	N	<10	N
0789	N	5	N	500	N	N	N	5	700	N	N	N	200	10	N
0790	100	30	N	>20,000	N	N	N	5	1,000	N	<5	20	N	10	50
0791	N	10	N	>20,000	N	N	N	<5	7,000	N	N	10	N	10	N
0792	N	10	10	>20,000	N	100	N	10	1,000	N	10	10	N	100	N
0793	N	10	10	5,000	70	15	20	5	7,000	N	15	10	200	500	N
0797	N	50	20	>20,000	70	N	10	30	100	N	30	10	N	500	N
0809	N	5	N	500	N	N	10	5	100	N	<5	N	500	20	N
0810	N	30	1,500	3,000	30	10	10	150	5,000	N	30	N	100	150	N
0818	N	N	N	70	N	N	N	5	20	N	<5	N	N	10	N
0822	N	50	150	10,000	N	N	N	100	100	N	20	15	500	200	N
0823	N	30	N	20,000	50	N	10	<5	100	N	30	20	1,000	50	N
0825	N	30	500	10,000	N	N	N	100	150	N	30	20	300	200	N
0826	N	50	200	10,000	N	N	N	100	100	N	30	50	300	150	N
0845	N	30	70	200	150	N	30	20	10	N	20	N	300	200	N
0848	N	5	N	70	30	N	10	<5	30	N	5	N	100	30	N
0849	N	10	N	50	30	N	10	<5	70	N	50	10	100	100	N
0850	N	N	N	70	30	N	10	<5	20	N	5	N	100	10	N
0851	N	30	150	70	20	N	N	30	10	N	50	N	300	200	N
0852	N	5	N	50	30	N	10	<5	10	N	15	N	100	10	N
0854	N	30	70	50	30	N	10	20	10	N	15	N	300	100	N
0879	N	5	N	5,000	70	N	10	<5	500	N	5	N	100	30	N
0899	N	30	N	50	N	N	N	5	N	N	20	70	N	200	100
0902	N	N	N	50	N	10	N	5	N	N	N	N	N	10	N
0903	N	N	N	50	N	7	N	<5	N	N	N	N	N	20	N
0909	N	N	N	5,000	20	N	10	<5	30	N	<5	N	N	10	N
0910	N	30	3,000	10,000	N	N	N	500	N	N	20	N	N	70	N
0912	N	5	20	10,000	N	7	10	5	1,000	N	10	N	100	30	N
0914	N	30	30	200	N	N	N	5	30	N	15	N	150	100	N
0915	N	20	30	20	N	N	10	5	70	N	20	N	500	200	N
0916	70	30	70	3,000	50	N	N	7	50	N	10	N	200	50	N
0917	50	20	10	2,000	N	N	N	<5	100	N	5	N	300	20	N
0918	50	20	N	10,000	N	N	N	<5	50	N	<5	N	N	20	1,000
0919	N	20	30	5,000	N	15	N	5	200	N	10	N	N	100	N
0929	N	50	20	200	N	N	N	5	N	N	20	30	N	100	N
0933	N	N	N	10	N	N	N	<5	N	N	<5	N	150	10	N

Analyses of samples of rock from Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado.

sample	S-Y	S-ZN	S-ZR	S-GA	AA-AU-P	INST-HG	AA-CU-P	AA-PB-P	AA-ZN-P	AA-AG-P
0750	10	<200	15	--	N	.02	160	10	80	N
0751	<10	200	N	--	<.05	N	100	20	35	<.5
0753	70	N	15	--	N	.04	700	10	20	2.0
0758	10	300	150	--	.20	.04	8,500	45	220	4.0
0774	30	10,000	70	--	N	.06	7,500	2,800	3,000	40.0
0777	20	N	70	--	N	.02	35	25	30	<.5
0785	20	N	100	--	.30	.06	6,000	15	160	1.0
0786	N	N	20	--	1.50	.14	8,000	25	50	20.0
0787	15	2,000	70	--	--	.04	15,000	10	2,000	2.5
0788	70	>10,000	N	--	.30	.60	210,000	15	40,000	N
0789	20	1,000	70	--	N	.08	460	15	460	N
0790	10	>10,000	15	--	.65	.10	80,000	900	21,000	35.0
0791	N	2,000	N	--	5.50	.20	32,000	4,800	3,000	40.0
0792	30	7,000	20	--	.30	.10	200,000	1,000	4,000	45.0
0793	20	3,000	100	--	N	.02	4,000	2,000	2,500	2.0
0797	70	10,000	100	--	<.05	.06	27,000	40	5,000	2.0
0809	N	N	100	--	N	.30	120	15	35	N
0810	30	700	70	--	N	.02	2,500	1,400	700	95.0
0818	N	N	N	--	N	.06	45	20	5	.5
0822	10	2,000	20	--	.10	.02	7,000	30	1,500	1.5
0823	100	N	200	--	.20	.04	15,000	30	55	2.0
0825	15	500	15	--	.10	<.02	11,000	95	330	7.0
0826	15	300	15	--	.05	<.02	9,000	25	220	14.0
0845	30	N	1,000	--	N	<.02	70	10	120	<.5
0848	10	N	200	--	N	.04	40	<5	<5	<.5
0849	100	200	20	--	N	N	45	10	60	<.5
0850	70	N	200	--	N	N	35	10	30	N
0851	30	N	100	--	<.05	N	50	<5	15	N
0852	100	N	200	--	<.05	<.02	25	5	40	<.5
0854	20	N	70	--	<.05	<.02	15	5	45	N
0879	70	N	200	--	.85	.06	5,500	160	25	35.0
0899	20	200	70	--	N	N	20	15	20	N
0902	10	N	10	--	N	<.02	45	10	35	<.5
0903	10	N	15	--	N	.02	15	10	30	<.5
0909	10	200	100	--	N	.04	5,000	10	190	6.5
0910	10	200	N	--	N	.02	10,000	10	85	8.0
0912	15	2,000	70	--	N	.06	7,000	100	2,000	9.0
0914	10	700	50	--	<.05	.04	170	20	800	<.5
0915	20	300	70	--	<.05	.04	5	30	60	<.5
0916	20	>10,000	100	--	N	.04	4,000	20	11,000	2.0
0917	15	10,000	100	--	N	.02	3,000	50	7,000	2.0
0918	N	>10,000	N	--	.10	.02	14,000	80	10,000	14.0
0919	N	2,000	15	--	<.05	<.02	7,000	200	4,000	12.0
0929	20	300	70	--	.20	N	3,500	5	40	4.5
0933	100	N	10	--	<.05	<.02	20	10	10	N

Analyses of samples of rock from Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties,
Colorado.

sample	X-COORD.	Y-COORD.	S-FEX	S-MGX	S-CAZ	S-TIX	S-MN	S-AG	S-AS	S-AU	S-B	S-BA	S-BE	S-BI
0956	13.89	22.45	2.00	.20	5.00	.100	1,000	200.0	N	N	<10	200	<1.0	20
0957	13.89	22.21	2.00	.10	.50	.050	300	300.0	N	15	<10	200	<1.0	50
0992	18.58	20.53	5.00	10.00	10.00	.100	>5,000	15.0	N	N	<10	150	5.0	N
0993	18.57	20.40	2.00	5.00	5.00	.200	5,000	500.0	N	N	<10	500	7.0	10
0994	18.57	20.27	2.00	5.00	10.00	.300	5,000	700.0	N	N	<10	70	15.0	10
0997	18.58	20.15	5.00	10.00	20.00	.050	>5,000	10.0	N	N	<10	300	7.0	N
1002	18.62	20.02	10.00	10.00	1.00	.050	>5,000	150.0	N	N	<10	300	N	N
1003	18.70	19.89	5.00	10.00	10.00	.020	>5,000	150.0	N	N	<10	100	20.0	N
1004	18.76	19.74	5.00	10.00	.05	.050	>5,000	15.0	N	N	<10	150	1.0	10
1022	9.75	-1.96	3.00	.50	.50	.200	1,000	50.0	N	N	N	1,000	3.0	N
1035	1.87	18.70	1.00	.05	.10	.002	300	2.0	N	N	N	20	N	N
1043	.25	19.39	5.00	2.00	2.00	.300	1,000	5.0	N	N	N	1,500	<1.0	20
1069	2.97	.39	2.00	10.00	20.00	.030	5,000	15.0	N	N	N	500	1.0	15
1073	3.30	.67	10.00	10.00	10.00	.100	1,000	.5	N	N	N	50	N	N
1093	4.49	3.33	.10	.02	.05	.005	20	N	N	N	N	20	N	N
1103	4.23	3.96	5.00	2.00	.20	.200	500	N	N	N	N	700	N	N
1129	4.15	7.06	<.05	.02	<.05	<.002	20	N	N	N	N	20	N	N
1130	3.59	5.51	2.00	.05	.50	.200	100	N	N	N	N	2,000	<1.0	N
1134	7.39	4.79	3.00	1.00	5.00	.100	500	N	N	N	N	20	N	N
1141	6.17	5.44	10.00	3.00	1.00	1.000	1,000	N	N	N	N	300	N	N
1142	6.04	5.16	5.00	.50	.70	.200	50	N	N	N	N	1,000	N	N
1143	6.19	4.79	20.00	7.00	5.00	.100	>5,000	7.0	N	N	N	50	2.0	10
1144A	6.91	7.06	20.00	3.00	5.00	.050	5,000	5.0	N	N	N	200	<1.0	N
1144B	6.89	6.85	5.00	3.00	1.00	.050	>5,000	N	N	N	N	30	N	N
1144C	6.85	6.61	10.00	2.00	2.00	.100	>5,000	N	N	N	N	50	N	N
1144D	6.82	6.38	10.00	2.00	1.00	.020	>5,000	N	N	N	N	100	1.0	N
1144E	6.80	6.15	10.00	2.00	2.00	.010	>5,000	N	N	N	N	200	1.0	N
1144F	6.74	5.95	5.00	2.00	1.00	.200	>5,000	N	N	N	N	500	2.0	N
1144G	6.70	5.68	15.00	7.00	3.00	.050	>5,000	15.0	N	N	N	30	1.0	N
1144H	6.67	5.47	10.00	10.00	10.00	.050	>5,000	2.0	N	N	N	20	2.0	N
1144I	6.65	5.27	10.00	10.00	5.00	.050	>5,000	2.0	N	N	N	20	2.0	N
1144J	6.59	5.02	20.00	10.00	5.00	.200	5,000	5.0	N	N	<10	20	2.0	N
1144K	6.57	4.82	20.00	3.00	2.00	.100	2,000	7.0	N	N	<10	500	<1.0	N
1147	6.65	2.44	1.00	.50	.50	.100	100	.5	N	N	<10	100	N	N
1161	6.16	4.94	10.00	3.00	5.00	1.000	2,000	N	N	N	<10	20	N	N
1169	2.23	10.27	10.00	5.00	5.00	.500	1,000	1.0	N	N	<10	700	<1.0	N
1173	-4.4	10.50	15.00	1.00	20.00	.100	2,000	1.0	N	N	<10	30	2.0	N
1180	1.71	8.63	10.00	.10	1.00	.300	500	.5	N	N	<10	300	N	N
1192	3.73	8.05	2.00	.02	.20	.002	20	.7	N	N	<10	1,000	N	N
1197	4.23	6.35	2.00	.10	.50	.200	200	N	N	N	<10	2,000	N	N
1198	4.66	6.47	2.00	.50	5.00	.300	500	N	N	N	<10	50	N	N
1199	4.70	6.34	10.00	3.00	7.00	.300	1,000	N	N	N	<10	100	N	N
1200	4.79	6.13	10.00	10.00	5.00	1.000	2,000	N	N	N	<10	N	N	N
1201	4.92	5.99	20.00	3.00	3.00	.200	1,000	N	N	N	<10	70	<1.0	N
1204	4.86	5.65	10.00	3.00	5.00	.200	500	.5	N	N	<10	70	N	N

Analyses of samples of rock from Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado.

sample	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-P3	S-SB	S-SC	S-SN	S-Sr	S-V	S-W
0956	N	N	20	>20,000	N	N	10	5	10	N	7	N	300	20	N
0957	N	N	N	>20,000	N	N	N	5	30	N	<5	N	N	100	N
0992	N	10	N	700	N	N	10	5	700	N	5	N	N	20	N
0993	N	N	N	5,000	30	N	10	<5	15,000	N	15	N	150	10	N
0994	N	N	N	5,000	50	N	10	<5	15,000	N	15	N	300	10	N
0997	N	5	N	50	N	N	N	5	700	N	5	N	100	10	N
1002	>500	7	N	100	N	N	N	5	>20,000	200	<5	N	N	30	N
1003	500	7	N	700	N	N	N	5	>20,000	N	<5	N	N	20	200
1004	N	5	N	50	N	N	N	<5	7,000	N	7	N	N	20	N
1022	N	10	N	5,000	100	N	15	<5	150	N	10	30	100	10	N
1035	N	N	N	300	N	N	N	<5	30	N	N	N	N	10	N
1043	N	10	20	1,500	50	N	10	5	100	N	10	N	300	30	N
1069	N	N	N	700	20	N	N	<5	3,000	N	N	15	100	<10	N
1073	N	70	1,500	1,000	N	N	N	300	30	N	50	N	N	100	N
1093	N	N	N	20	N	N	N	<5	N	N	N	N	N	<10	N
1103	N	10	10	30	N	N	N	10	20	N	5	N	100	20	N
1129	N	N	N	100	N	N	N	<5	N	N	N	N	N	<10	N
1130	N	N	N	70	30	100	20	<5	50	N	5	N	100	<10	N
1134	N	N	N	30	30	N	N	<5	20	N	10	N	700	70	N
1141	N	30	20	30	30	N	10	30	10	N	15	10	200	100	N
1142	N	N	N	50	50	N	10	<5	20	N	5	20	100	<10	N
1143	100	150	10	70	20	N	N	N	50	N	10	50	N	20	N
1144A	300	20	10	1,500	30	N	N	<5	20	N	5	150	N	20	N
1144B	N	N	N	30	N	N	N	<5	10	N	5	N	N	10	N
1144C	N	N	N	30	30	N	N	<5	10	N	7	N	N	20	N
1144D	N	N	N	30	20	N	N	<5	30	N	5	N	N	10	N
1144E	N	N	N	500	N	N	N	<5	100	N	5	N	200	10	N
1144F	N	N	N	100	N	N	10	<5	200	N	5	N	200	<10	N
1144G	50	N	N	2,000	N	N	N	N	20	N	15	20	N	20	N
1144H	150	5	N	700	N	N	N	<5	20	N	5	50	N	20	N
1144I	N	5	N	150	N	N	N	<5	N	N	10	30	N	20	N
1144J	N	5	N	30	20	N	N	<5	100	N	5	70	N	20	N
1144K	>500	30	N	1,500	30	N	N	<5	20	N	<5	70	N	20	N
1147	N	N	N	30	N	N	N	5	N	N	<5	N	N	20	N
1161	N	30	N	20	N	5	N	<5	10	N	30	N	500	100	N
1169	N	10	20	200	N	N	N	<5	20	N	30	20	300	200	N
1173	N	10	10	1,500	N	N	N	<5	N	N	5	N	N	70	N
1180	N	10	10	100	50	10	30	30	20	N	10	N	300	30	N
1192	N	7	N	100	N	<5	N	<5	50	N	N	N	100	<10	N
1197	N	N	N	30	30	20	10	<5	30	N	5	N	100	10	N
1198	N	N	N	30	20	N	10	<5	N	N	10	N	300	70	N
1199	N	10	15	20	30	N	N	7	10	N	15	N	1,000	100	N
1200	N	50	150	20	N	N	N	30	<10	N	50	N	500	100	N
1201	N	20	70	1,500	30	N	N	7	15	N	20	N	500	200	N
1204	N	10	N	30	70	N	10	<5	30	N	10	10	700	30	N

Analyses of samples of rock from Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties,
Colorado.

sample	S-Y	S-ZN	S-ZR	S-GA	AA-AU-P	INST-HG	AA-CU-P	AA-PB-P	AA-ZN-P	AA-AG-P
0956	20	N	15	--	3.00	<.02	64,000	10	20	100.0
0957	10	N	N	--	.10	.06	140,000	20	20	190.0
0992	10	2,000	20	--	.05	N	400	440	700	7.5
0993	20	700	150	--	.40	N	5,500	10,000	1,800	940.0
0994	30	1,000	200	--	.45	N	5,000	8,000	3,500	840.0
0997	10	1,000	70	--	.10	N	70	550	260	6.0
1002	10	>10,000	10	--	<.05	N	100	37,000	190,000	60.0
1003	N	>10,000	N	--	<.05	<.02	450	19,000	90,000	90.0
1004	10	2,000	70	--	N	N	35	2,200	2,500	7.0
1022	30	300	200	--	N	N	7,500	130	350	55.0
1035	N	N	N	--	<.05	N	250	110	200	1.0
1043	20	N	200	--	.15	N	2,000	35	120	4.0
1069	50	1,000	100	--	<.05	<.02	580	2,000	410	10.0
1073	10	N	15	--	<.05	N	780	20	35	.5
1093	N	N	N	--	<.05	.04	20	15	15	<.5
1103	N	N	100	--	N	.02	20	10	55	<.5
1129	N	N	N	--	N	N	280	5	10	N
1130	20	N	300	--	<.05	.02	65	10	10	<.5
1134	50	N	100	--	<.05	.02	10	10	15	<.5
1141	20	N	150	--	N	N	5	15	110	<.5
1142	20	N	300	--	N	.02	30	10	10	<.5
1143	70	>10,000	200	--	.10	.12	100	75	25,000	5.0
1144A	70	>10,000	150	--	.10	.06	1,400	20	120,000	3.0
1144B	30	700	150	--	<.05	.02	20	10	380	1.5
1144C	50	300	200	--	<.05	<.02	10	15	190	N
1144D	30	700	200	--	<.05	N	30	30	1,000	N
1144E	30	10,000	70	--	N	.04	3,500	50	7,500	.5
1144F	30	3,000	200	--	N	.04	90	35	1,800	<.5
1144G	100	10,000	50	--	<.05	.35	1,700	25	11,000	6.0
1144H	70	>10,000	100	--	<.05	.20	380	25	44,000	2.0
1144I	70	5,000	70	--	N	.14	150	10	5,500	3.0
1144J	50	1,500	100	--	N	.24	35	100	2,100	4.0
1144K	30	>10,000	100	--	N	.12	620	15	190,000	5.0
1147	N	2,000	15	--	N	.04	15	<5	1,400	<.5
1161	30	500	70	--	<.05	N	10	10	350	<.5
1169	15	N	50	--	<.05	.02	200	10	40	1.0
1173	20	N	15	--	N	.02	2,000	15	75	2.0
1180	10	N	200	--	N	.02	90	10	25	N
1192	N	N	200	--	N	.02	170	10	15	.5
1197	30	N	500	--	<.05	.02	20	5	20	<.5
1198	30	N	150	--	<.05	.02	10	5	25	<.5
1199	30	N	100	--	<.05	.04	5	10	55	<.5
1200	20	200	70	--	<.05	.02	5	15	160	<.5
1201	50	N	200	--	N	.12	800	10	65	N
1204	100	300	100	--	N	.02	25	10	280	N

Analyses of samples of rock from Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado.

sample	X-COORD.	Y-COORD.	S-FEX	S-MGZ	S-CAZ	S-TIZ	S-MN	S-AZ	S-AU	S-B	S-BA	S-BE	S-BI
1205	5.02	5.56	.20	1.00	2.00	.200	100	30.0	N	<10	300	N	150
1207	4.77	5.76	>20.00	.20	.10	.050	1,000	70.0	N	<10	70	<1.0	N
1225	-.02	11.38	10.00	1.00	20.00	.200	2,000	50.0	N	<10	N	N	1,000
1226	-.02	11.18	7.00	3.00	5.00	.050	1,000	5.0	N	<10	5,000	2.0	15
1227	-.02	10.97	5.00	.50	5.00	.300	1,000	.5	N	<10	5,000	1.0	10
1228	-.02	10.71	10.00	2.00	15.00	.500	2,000	V	N	<10	200	10.0	150
1238	.92	11.80	10.00	5.00	2.00	.500	1,000	N	N	<10	1,000	N	N
1247	-1.20	16.63	.20	.02	.07	.005	20	V	N	<10	30	N	N
1268	-4.26	9.88	5.00	2.00	1.00	.300	700	N	N	N	1,000	N	N
1276	-2.94	5.58	10.00	.05	7.00	.002	1,000	N	N	N	N	N	N
1277	-2.92	5.41	10.00	3.00	20.00	.700	5,000	N	N	N	200	1.0	N
1291	-4.58	3.60	1.00	1.00	>20.00	.050	200	.5	N	N	150	N	N
1349	-2.12	14.20	7.00	1.50	1.50	.200	500	N	N	<10	150	1.0	N
1354	-7.74	15.26	10.00	2.00	3.00	.300	1,000	V	N	<10	2,000	N	N
1358	-8.98	16.54	15.00	2.00	.70	.500	1,000	N	N	N	700	N	N
1362	-7.85	15.51	10.00	.30	10.00	.100	5,000	N	N	N	50	1.0	N
1385	-1.08	22.61	15.00	2.00	5.00	.700	1,000	N	N	N	700	<1.0	N
1392	-1.88	17.61	7.00	2.00	3.00	.500	700	N	N	N	700	1.0	N
1404	-7.10	18.23	7.00	2.00	3.00	.700	700	N	N	N	1,500	1.5	N
1415	-7.47	20.60	15.00	7.00	1.50	.100	1,500	V	N	30	100	N	N
1416	-7.25	21.01	15.00	7.00	3.00	.150	1,500	N	N	<10	150	N	N
1452	-5.97	21.56	15.00	10.00	2.00	.150	1,000	V	N	N	<20	N	N
1463	-5.34	22.38	3.00	.50	.20	.150	150	N	N	N	150	1.0	N
1476	-1.58	22.64	10.00	1.00	10.00	.200	2,000	N	N	<10	150	<1.0	N
1481	-8.31	9.78	15.00	.15	.70	.007	300	N	N	10	50	1.0	N
1489	-7.76	9.47	1.50	.05	<.05	.002	70	30.0	N	N	N	<1.0	30
1490	-7.48	9.61	2.00	.03	<.05	.002	30	20.0	N	N	50	1.0	10
1491	-7.33	9.74	3.00	.30	<.05	.020	500	50.0	N	N	20	2.0	100
1517	-9.95	8.33	3.00	.70	.50	.150	700	V	N	N	1,500	2.0	N
1540	-7.56	7.31	5.00	.05	.05	.010	30	50.0	N	N	50	3.0	30
1553	-7.45	8.23	1.50	.07	<.05	<.002	70	2.0	N	N	70	N	15
1565	-9.45	9.03	3.00	.30	7.00	.070	300	2.0	N	N	300	7.0	10
1566	-9.52	9.27	5.00	.20	.30	.070	200	10.0	N	N	200	10.0	150
1572	-8.96	8.69	2.00	.15	1.00	.100	200	1.5	N	N	1,500	5.0	N
1573	-9.40	8.69	3.00	.15	1.50	.150	200	3.0	N	N	1,500	5.0	N
1574	-9.32	8.87	1.50	.10	1.50	.030	150	5.0	N	N	500	15.0	10
1576	-0.12	8.51	7.00	1.00	2.00	.300	700	N	N	10	700	10.0	N
1577	-9.66	7.75	7.00	.20	3.00	.100	700	3.0	N	10	20	3.0	300
1578	-9.57	7.64	10.00	.15	.70	.030	150	7.0	N	10	300	3.0	200
1581	-8.97	8.40	7.00	1.00	1.50	.500	700	1.5	N	15	300	5.0	N
1594	-1.05	16.80	.50	.05	.20	.020	150	N	N	N	N	5.0	10
1596	-6.52	15.52	7.00	2.00	1.00	1.000	500	N	N	<10	1,500	1.0	N
1598	-9.49	7.16	5.00	.70	1.00	.200	500	N	N	N	500	3.0	N
1599	-9.51	6.98	7.00	3.00	2.00	.300	1,000	N	N	<10	150	<1.0	N
1602	-8.96	7.14	.70	.02	.05	.005	30	20.0	N	N	30	1.0	150

Analyses of samples of rock from Mount Zirkel Wilderness and Northern Park range vicinity, Jackson and Routt Counties, Colorado.

sample	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	S-W
1205	N	5	N	20,000	N	N	10	<5	500	N	5	N	V	10	N
1207	N	5	10	1,500	20	70	N	N	1,000	N	5	100	N	10	N
1225	N	10	10	20,000	N	1,000	N	<5	1,000	N	15	N	200	200	N
1226	N	30	N	1,500	N	20	N	10	50	N	15	N	300	30	N
1227	N	10	10	300	N	7	N	5	30	N	15	N	500	100	150
1228	N	20	50	70	70	N	10	7	10	N	20	30	150	100	N
1238	N	30	N	1,000	30	N	N	<5	50	N	20	N	500	200	N
1247	N	N	N	20	N	N	N	<5	N	N	N	N	V	10	N
1268	N	10	20	50	20	N	N	5	15	N	15	N	150	100	N
1276	N	N	N	30	N	N	N	<5	N	N	N	N	N	10	N
1277	N	30	30	30	30	N	N	7	100	N	20	N	300	150	N
1291	N	N	N	50	N	N	N	<5	<10	N	<5	N	200	10	N
1349	N	15	<10	10	50	N	N	20	10	N	15	N	500	100	N
1354	N	30	70	15	20	N	N	30	15	N	30	N	300	200	N
1358	N	50	70	7	20	N	N	70	N	N	30	N	V	150	N
1362	N	15	<10	15	N	5	N	10	N	N	15	N	V	70	N
1385	N	30	20	15	100	N	20	20	<10	N	30	N	300	150	N
1392	N	30	70	15	20	N	N	30	10	N	15	N	300	100	N
1404	N	20	20	10	150	N	20	20	V	N	20	N	500	150	N
1415	N	100	1,000	30	N	N	N	700	N	N	15	N	<100	100	N
1416	N	100	1,500	30	N	N	N	7	10	N	20	N	150	150	N
1452	N	100	1,500	30	N	N	N	7	N	N	15	N	150	150	N
1463	N	N	<10	7	50	N	<10	10	<10	N	15	N	V	30	N
1476	N	30	70	10	30	N	N	50	10	N	20	N	300	150	N
1481	N	N	N	50	20	N	N	5	10	N	<5	N	N	15	<50
1489	N	N	N	3,000	N	5	N	15	500	N	5	N	V	20	<50
1490	N	N	N	3,000	N	N	N	10	500	N	5	N	V	20	<50
1491	N	30	N	15,000	N	5	N	30	2,000	N	7	N	N	20	<50
1517	N	15	50	50	30	N	N	30	20	N	7	N	500	70	N
1540	N	50	N	>20,000	N	N	N	30	150	N	<5	30	V	20	300
1553	N	N	<10	1,000	N	N	N	5	20	N	<5	N	N	70	N
1565	N	5	10	3,000	70	50	150	5	10	N	7	70	N	30	N
1566	N	20	<10	>20,000	N	150	30	5	300	N	7	150	100	50	N
1572	N	N	N	1,500	70	15	N	5	20	N	5	15	100	10	N
1573	N	<5	N	3,000	70	30	20	5	50	N	10	50	<100	20	N
1574	N	N	N	5,000	N	30	20	5	N	N	5	50	100	10	N
1576	N	15	15	50	30	N	N	20	10	N	15	N	500	100	N
1577	N	N	50	10,000	N	5	N	5	10	N	10	30	500	100	N
1578	N	N	20	>20,000	N	50	N	5	10	N	10	10	100	70	100
1581	N	20	10	1,000	N	50	N	10	N	N	20	N	150	150	700
1594	N	N	N	100	N	N	20	5	20	N	15	20	V	<10	N
1596	N	20	30	100	150	N	30	20	10	N	20	N	200	200	N
1598	N	10	20	20	20	N	N	20	<10	N	10	N	150	100	N
1599	N	50	300	20	20	N	N	30	10	N	30	N	150	200	N
1602	N	N	N	10,000	N	N	N	<5	20	N	5	N	N	N	N

Analyses of samples of rock from Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado.

sample	S-Y	S-ZN	S-ZR	S-GA	AA-AU-P	INST-HG	AA-CU-P	AA-PB-P	AA-ZN-P	AA-AG-P
1205	30	N	500	--	<.05	.04	28,000	200	75	30.0
1207	N	5,000	15	--	.35	>10.00	1,900	3,500	4,000	100.0
1225	10	N	20	--	.25	.08	18,000	700	20	50.0
1226	10	300	N	--	N	.06	1,500	25	75	1.0
1227	20	N	20	--	N	.06	270	10	40	<.5
1228	30	N	70	--	N	N	50	15	65	<.5
1238	30	N	70	--	N	.10	1,400	10	130	.5
1247	N	N	N	--	N	.06	25	N	5	N
1268	10	N	100	--	N	.08	30	10	35	<.5
1276	N	N	N	--	N	.10	10	5	20	<.5
1277	30	500	70	--	N	.10	10	40	200	<.5
1291	30	N	100	--	N	.16	55	25	15	<.5
1349	15	N	150	--	N	N	25	10	95	<.5
1354	20	200	70	--	N	<.02	35	5	95	N
1358	20	N	70	--	N	N	20	15	130	1.0
1362	30	N	100	--	N	.02	20	5	40	<.5
1385	50	N	70	--	N	<.02	65	5	75	N
1392	30	N	200	--	N	N	40	5	60	N
1404	30	<200	700	--	N	N	15	10	130	N
1415	10	<200	10	--	N	.02	55	15	120	<.5
1416	20	N	100	--	N	.02	40	20	60	<.5
1452	15	N	100	--	N	N	50	5	40	N
1463	30	N	200	--	.10	<.02	15	N	30	N
1476	20	N	100	--	N	N	40	<5	65	N
1481	20	N	N	--	N	N	90	10	15	N
1489	N	3,000	N	--	N	.18	6,700	2,300	12,000	61.0
1490	N	500	N	--	N	.65	7,800	1,500	1,000	48.0
1491	15	1,000	N	--	.10	.55	33,000	15,000	3,800	95.0
1517	N	N	200	--	N	.02	220	80	50	<.5
1540	20	N	N	--	.40	.20	146,000	400	30	76.0
1553	N	N	N	--	N	.02	3,200	130	15	3.0
1565	500	N	N	--	<.05	N	5,400	15	70	2.5
1566	30	<200	N	--	.35	.04	67,000	760	430	13.0
1572	50	N	200	--	N	N	2,800	35	90	2.0
1573	70	<200	200	--	<.05	.02	6,100	50	180	7.0
1574	30	N	N	--	<.05	.02	9,000	20	35	15.0
1576	20	N	200	--	N	<.02	75	<5	65	N
1577	30	N	30	--	.05	.02	13,000	5	30	5.0
1578	15	N	N	--	.10	.08	152,000	10	25	12.0
1581	20	N	100	--	N	<.02	2,100	5	150	3.5
1594	50	N	N	--	N	<.02	660	<5	10	N
1596	50	N	500	--	N	.02	270	10	140	N
1598	30	N	150	--	N	<.02	70	10	100	N
1599	30	<200	30	--	N	<.02	25	5	90	N
1602	N	N	N	--	.20	.04	33,000	95	25	95.0

Analyses of samples of rock from Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado.

sample	X-COORD.	Y-COORD.	S-FEX	S-MG%	S-CA%	S-TI%	S-MN	S-AS	S-AU	S-B	S-BA	S-BE	S-BI
1607	-8.16	5.95	2.00	3.00	.05	.010	200	N	N	N	70	3.0	N
1608	-7.75	5.81	1.00	.70	.07	.007	100	N	N	20	150	3.0	N
1615	-5.76	5.72	1.50	.50	.07	.150	100	N	N	N	150	1.5	N
1626	-8.98	2.56	7.00	1.00	5.00	.300	700	N	N	10	1,300	<1.0	N
1642	-0.65	1.77	15.00	.07	<.05	.500	100	N	N	10	20	N	N
1663	-0.47	1.36	10.00	.50	<.05	.500	50	N	N	20	700	2.0	N
1673	-0.94	.75	15.00	5.00	7.00	.200	50	N	N	20	150	N	N
1690	-1.84	17.86	7.00	3.00	7.00	.020	2,000	N	N	<10	50	N	N
1709	-4.83	10.79	1.50	<.02	.05	.300	20	1.5	N	<10	300	<1.0	N
1710	-4.72	10.64	1.00	.70	5.00	.300	1,000	<.5	N	15	300	<1.0	N
1711	-2.39	17.57	7.00	1.50	.50	.300	5,000	<.5	N	70	1,500	1.0	N
1761	-2.05	20.01	.05	.30	3.00	.070	200	<.5	N	10	500	1.0	N
1762	-3.36	21.05	3.00	.20	.07	.300	500	200.0	N	70	700	<1.0	N
1766	-3.90	21.18	20.00	.03	.05	.020	3,000	1.5	N	100	150	<1.0	N
1767	-4.14	21.60	10.00	5.00	7.00	.500	1,500	<.5	N	<10	300	<1.0	N
1768	-4.15	21.47	15.00	1.50	10.00	>1.000	1,500	N	N	<10	300	1.0	N
1769	-4.18	21.35	15.00	5.00	7.00	.500	1,500	5.0	N	<10	1,500	<1.0	N
1770	-4.21	21.24	3.00	.20	5.00	.200	1,000	.7	N	30	300	<1.0	N
1771	-4.25	21.12	10.00	.50	2.00	>1.000	200	50.0	N	50	500	<1.0	N
1772	-4.26	20.98	3.00	<.02	.05	.015	70	70.0	N	<10	70	N	N
1773	-4.29	20.87	1.50	<.02	<.05	.030	20	3,000.0	N	<10	70	N	N
1775	-3.83	21.33	1.50	.10	.05	.070	200	100.0	N	<10	70	N	N
1777	-5.21	19.89	7.00	.02	.05	.002	700	5.0	N	10	70	N	N
1804	-6.87	17.89	10.00	7.00	15.00	.300	1,500	1.5	N	<10	300	N	N
1810	-4.28	10.19	1.50	.05	.07	.070	30	2.0	N	30	100	N	N
1811	-4.28	10.08	1.50	.50	.15	.300	150	.5	N	50	150	2.0	N
1813	-7.81	10.98	5.00	2.00	5.00	.700	700	.5	N	<10	3,000	1.0	N
1817	-7.68	12.26	2.00	.70	1.50	.300	500	.5	N	<10	1,500	2.0	N
1825	6.50	-4.49	.30	.20	.30	.030	>5,000	70.0	15	N	>5,000	10.0	N
1828	-1.25	17.36	3.00	.50	1.50	.070	2,000	N	N	<10	100	1.5	N
1829	-1.12	17.61	15.00	2.00	7.00	.700	5,000	N	N	10	300	<1.0	N
1830	-1.29	17.75	15.00	2.00	3.00	1.000	1,500	N	N	<10	300	<1.0	N
1831	-1.44	17.82	20.00	3.00	2.00	.700	>5,000	N	N	10	50	N	N
1832	6.15	6.54	1.00	.20	.70	.050	200	<.5	N	10	3,000	1.0	<10
1833	6.17	6.45	15.00	.05	.50	.020	70	.7	N	<10	300	<1.0	N
1834	6.18	6.36	10.00	.30	.30	.050	150	.7	N	<10	2,000	<1.0	N
1835	6.18	6.27	10.00	.20	.20	.100	150	.5	N	<10	1,000	1.0	N
1836	6.40	6.60	5.00	.02	.10	.010	70	2.0	N	<10	5,000	<1.0	N
1837	6.42	6.47	10.00	<.02	<.05	.002	30	.5	N	10	300	<1.0	N
1838	6.46	6.35	15.00	.02	.05	.015	200	10.0	N	10	3,000	<1.0	N
1839	6.63	6.66	15.00	<.02	<.05	.015	50	30.0	N	10	70	<1.0	<10
1840	6.65	6.56	20.00	<.02	<.05	.030	70	300.0	N	10	150	<1.0	20
1841	6.67	6.46	20.00	.30	.20	.050	100	5.0	N	15	200	1.0	N
1244	-9.25	-5.07	7.00	2.00	1.50	.700	1,500	N	N	10	700	1.0	N
1245	-9.15	-5.22	7.00	7.00	7.00	.150	>5,000	70.0	N	15	700	1.5	15

Analyses of samples of rock from Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado.

sample	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-P3	S-SB	S-SC	S-SN	S-SR	S-V	S-W
1607	N	7	N	30	N	N	70	5	N	N	5	N	N	20	N
1608	N	N	N	20	N	N	70	5	N	N	<5	N	V	10	N
1615	N	5	10	20	N	N	N	10	N	N	5	N	N	30	N
1626	N	15	15	20	30	N	N	5	10	N	20	N	150	150	N
1642	N	5	<10	30	N	N	N	5	N	N	10	N	V	150	N
1663	N	15	100	20	20	N	N	20	15	N	20	N	N	150	N
1673	N	30	500	15	N	N	N	50	V	N	30	N	150	150	N
1690	N	<5	N	15	N	5	N	15	15	N	10	N	200	20	N
1709	N	<5	10	<5	<20	N	N	<5	<10	N	<5	N	300	20	N
1710	N	5	30	5	20	N	N	7	<10	N	5	N	150	20	N
1711	N	30	200	10	30	N	N	300	<10	N	15	N	<100	70	N
1761	N	<5	<10	<5	20	N	N	5	15	N	N	N	700	<10	N
1762	<20	7	70	1,500	<20	5	N	30	>20,000	150	10	N	100	100	N
1766	20	30	10	100	N	15	N	70	200	N	10	N	V	150	N
1767	N	30	200	150	<20	N	N	150	70	N	30	N	300	150	N
1768	N	10	70	150	150	N	N	15	20	N	30	N	2,300	300	N
1769	N	150	150	200	20	N	N	70	150	N	30	N	200	300	N
1770	<20	10	10	10	N	N	N	10	200	N	5	N	V	50	N
1771	20	20	100	2,000	N	50	N	50	10,000	500	15	N	N	150	N
1772	>500	20	<10	3,000	N	5	N	7	>20,000	1,000	<5	N	N	<10	N
1773	>500	30	<10	10,000	N	N	N	5	>20,000	700	<5	N	N	<10	N
1775	30	10	10	5,000	N	5	N	30	300	<100	<5	N	N	30	N
1777	N	5	<10	50	N	5	N	7	70	N	10	N	N	20	N
1804	N	30	500	150	N	N	N	70	30	N	100	N	700	300	N
1810	N	<5	10	5	N	N	N	<5	200	100	<5	N	V	10	N
1811	N	5	20	15	<20	N	N	<5	20	N	10	N	N	30	N
1813	N	30	200	30	20	N	N	200	30	N	15	N	1,500	100	N
1817	N	10	15	20	30	N	20	20	50	N	7	N	100	20	N
1825	N	>2,000	10	300	20	1,500	N	500	<10	N	15	N	2,000	>1,000	N
1828	N	10	<10	5	N	N	N	5	N	N	<5	N	100	15	N
1829	N	20	<10	<5	20	N	N	<5	15	N	30	N	1,500	700	N
1830	N	20	<10	10	20	N	N	5	15	N	30	N	700	200	N
1831	N	20	700	<5	N	N	N	15	<10	150	30	N	100	100	N
1832	N	N	<10	7	N	N	N	<5	500	N	<5	N	150	<10	N
1833	N	N	<10	300	N	N	N	<5	700	N	<5	N	<100	10	N
1834	N	N	<10	300	N	5	N	<5	1,500	N	<5	N	100	30	N
1835	N	N	<10	300	N	N	N	N	1,500	N	5	N	<100	30	N
1836	N	N	<10	150	N	N	N	<5	700	N	N	N	100	<10	N
1837	N	N	<10	300	N	N	N	<5	200	N	N	N	V	20	N
1838	N	N	<10	500	N	N	N	<5	15,000	N	N	N	100	<10	N
1839	N	N	<10	300	N	20	N	<5	700	<100	N	N	N	30	N
1840	N	N	<10	500	N	30	N	N	1,500	100	<5	N	V	20	N
1841	N	<5	<10	300	N	N	N	<5	1,500	N	20	N	V	10	N
1244	N	10	70	500	30	N	<20	20	300	N	15	N	100	100	N
1245	50	5	10	15,000	150	10	N	5	>20,000	N	5	10	100	300	N

Analyses of samples of rock from Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties,
Colorado.

sample	S-Y	S-ZN	S-ZR	S-GA	AA-AU-P	INST-HG	AA-CU-P	AA-PB-P	AA-ZN-P	AA-AG-P
1607	50	N	150	--	N	N	210	10	80	1.0
1608	50	N	15	--	N	<.02	60	N	20	N
1615	10	N	100	--	N	N	45	5	40	N
1626	50	N	150	--	N	N	30	5	50	N
1642	N	N	10	--	N	N	30	<5	20	N
1663	50	N	300	--	N	.02	30	5	20	N
1673	20	N	50	--	N	.08	25	5	30	N
1690	20	N	N	--	N	.04	15	25	50	.5
1709	15	N	300	--	N	.04	10	5	50	1.0
1710	15	N	200	--	N	.02	5	5	50	N
1711	20	N	200	--	N	.02	20	5	50	N
1761	<10	N	100	--	N	.02	5	10	80	N
1762	<10	7,000	200	--	.55	.02	1,200	38,000	5,000	60.0
1766	50	1,500	N	--	N	.04	40	200	400	.5
1767	30	N	70	--	N	.02	75	30	40	N
1768	70	N	200	--	N	.02	65	10	120	N
1769	15	700	20	--	N	.04	120	50	430	1.5
1770	15	2,000	70	--	N	.04	15	220	1,500	N
1771	15	>10,000	150	--	.20	.45	1,900	6,000	40,000	10.0
1772	10	>10,000	N	--	4.00	2.00	2,500	32,000	110,000	10.0
1773	<10	>10,000	10	--	3.00	5.00	8,000	68,000	200,000	2,600.0
1775	15	7,000	10	--	N	.16	3,500	1,300	2,900	40.0
1777	<10	700	N	--	N	.06	25	100	340	2.5
1804	10	200	20	--	N	.02	110	20	150	.5
1810	<10	300	150	--	N	.04	5	1,000	310	1.0
1811	15	N	300	--	N	.04	10	40	60	<.5
1813	15	N	200	--	N	.04	30	15	90	N
1817	50	N	300	--	<.05	.06	20	10	50	N
1825	20	700	70	--	3.00	<.02	100	5	250	N
1828	15	200	20	--	N	.02	20	5	60	N
1829	30	<200	70	--	N	<.02	10	20	110	N
1830	20	<200	100	--	N	.04	10	15	130	N
1831	15	<200	50	--	N	.02	<5	5	30	N
1832	N	200	70	--	N	.02	20	490	190	N
1833	N	1,500	100	--	N	.08	750	2,500	1,700	N
1834	N	1,000	200	--	N	.06	230	1,000	300	N
1835	<10	1,500	50	--	N	.10	700	4,000	1,500	N
1836	15	N	200	--	N	.04	70	700	90	.5
1837	N	200	10	--	N	.06	620	1,500	500	<.5
1838	N	1,500	150	--	N	.50	660	4,500	1,200	3.5
1839	<10	1,500	100	--	20.00	10.00	590	3,500	1,600	54.0
1840	<10	5,000	20	--	.20	>10.00	1,500	8,000	3,800	500.0
1841	<10	3,000	30	--	N	.40	800	4,500	3,100	3.0
1244	50	1,000	300	--	N	--	400	320	1,000	<.5
1245	70	>10,000	200	--	.65	--	11,000	14,000	23,000	30.0

Table 2--Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	X-COORD.	Y-COORD.	S-FEZ	S-MGX	S-CAZ	S-TIX	S-MN	S-AG	S-3	S-BA	S-BE	S-CO	S-CR	S-CJ	S-LA
0062	-1.61	-7.98	1.0	.10	.50	.15	150	N	<13	1,500	2.0	N	<10	15	20
0063	-2.48	-0.43	3.0	.50	.70	.20	500	N	<13	500	<1.0	15	150	7	30
0064	-1.58	-1.21	3.0	1.00	1.50	.30	700	N	<13	700	1.0	20	150	10	20
0065	-3.36	-7.28	.7	.15	.30	.07	150	N	<13	1,000	1.5	<5	<10	N	<20
0066	-3.58	-6.40	3.0	.70	1.50	.20	700	N	<13	700	1.0	10	50	5	20
0067	-3.32	-6.51	7.0	1.50	2.00	.50	1,000	N	<13	700	1.0	20	150	10	<20
0068	-3.69	-5.62	5.0	1.30	1.50	.30	700	N	<13	500	1.5	20	70	15	<20
0069	.01	-2.23	1.0	.30	.70	.10	200	N	<10	1,000	1.0	5	20	<5	N
0070	.18	-0.57	3.0	.70	1.00	.15	700	N	<13	1,000	1.0	15	30	10	20
0071	-4.16	-4.41	1.0	.15	.50	.20	200	N	<13	1,000	1.5	<5	<10	5	20
0072	-.40	-9.46	2.0	.50	.70	.20	700	N	<13	700	1.0	10	30	15	20
0073	-.22	-8.90	2.0	.50	1.00	.15	500	N	<13	700	1.0	10	30	5	<20
0074	1.12	-9.13	3.0	.70	1.00	.30	700	N	13	700	1.0	15	70	10	20
0075	1.31	-9.33	5.0	2.00	1.50	.30	700	N	<13	700	1.0	20	200	20	20
0076	1.03	-2.58	3.0	1.30	1.50	.30	700	N	13	700	1.5	20	150	30	20
0077	.57	-7.39	3.0	.70	.70	.30	700	N	13	700	2.0	15	130	15	20
0078	1.26	-6.92	.7	.15	.50	.05	200	N	<13	1,000	1.5	<5	<10	<5	<20
0079	2.56	-6.50	3.0	.70	.70	.30	700	N	<13	500	1.5	10	30	20	30
0080	1.39	-4.39	1.0	.20	.10	.10	150	<.5	<13	700	1.5	N	<10	7	N
0081	1.25	-4.06	1.0	.10	.20	.15	200	<.5	<13	700	1.5	N	<10	7	N
0082	1.37	-3.39	1.0	.10	.30	.07	150	<.5	<13	700	2.0	N	<10	10	20
0083	.73	-3.50	1.0	.15	.30	.10	150	<.5	<10	1,000	1.5	N	<10	10	20
0084	.31	-3.13	.7	.30	.30	.10	200	<.5	<13	700	2.0	N	<10	7	20
0085	-2.57	-5.40	3.0	1.30	1.50	.30	700	N	<13	700	1.0	15	100	15	<20
0086	-.61	-6.40	2.0	.70	1.00	.30	500	N	<13	700	1.5	7	30	10	<20
0087	-.40	-4.55	3.0	1.30	1.50	.30	700	N	<13	700	1.0	15	130	20	<20
0088	.13	-3.05	5.0	1.30	1.50	.30	700	N	<13	700	1.0	15	50	7	<20
0089	-3.09	-3.44	.7	.10	.20	.15	200	<.5	<13	1,000	1.5	N	<10	7	20
0090	-.11	-3.58	.7	.10	.30	.15	200	<.5	<13	1,000	1.5	N	<10	5	20
0091	-1.99	-0.43	.7	.10	.30	.07	150	N	<13	700	1.5	N	<10	5	20
0092	-2.00	-0.72	1.5	.15	.50	.10	700	N	<13	1,000	1.5	5	<10	15	30
0093	-.96	-9.55	.7	.10	.20	.07	500	<.5	<13	700	2.0	N	<10	5	30
0094	-.94	-9.91	.7	.10	.20	.05	100	N	<13	1,000	1.5	N	<10	7	30
0095	.93	-1.64	.5	.07	.20	.10	150	N	<13	500	2.0	N	<10	15	30
0096	.41	-1.64	.7	.10	.30	.10	200	<.5	<13	1,000	2.0	N	<10	10	30
0097	.63	-0.62	.7	.10	.20	.07	150	N	<13	1,000	2.0	N	<10	5	30
0098	2.62	-2.86	1.5	.70	1.00	.15	500	N	<13	500	1.0	7	20	15	<20
0099	4.09	-2.70	2.0	.20	.70	.07	700	N	20	700	<1.0	<5	15	5	130
0100	2.69	-1.25	3.0	1.00	1.50	.30	700	N	<13	1,000	1.0	15	70	50	20
0101	3.93	-9.82	2.0	.70	1.00	.15	700	N	<13	1,000	1.0	7	15	5	N
0102	4.11	-9.99	3.0	.50	.70	.20	700	N	<13	1,000	1.0	10	70	15	N
0103	-5.24	-0.24	.7	.15	.50	.05	500	N	<13	1,000	1.0	5	<10	15	N
0104	-3.79	-8.10	7.0	1.50	2.00	.50	1,000	N	<13	700	1.0	20	50	20	N
0105	-3.46	-7.78	5.0	1.30	1.50	.30	700	N	<13	700	1.0	15	30	20	N
0106	-2.42	-9.04	.7	.15	.30	.15	200	N	N	1,000	2.0	N	<10	7	N

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	S-MO	S-NB	S-NI	S-PB	S-SC	S-SN	S-SR	S-V	S-Y	S-ZN	S-ZR	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZV-P
0062	N	10	5	30	<5	N	200	15	N	N	70	<.02	<10	<25	<25
0063	N	N	20	20	10	N	150	100	20	N	100	<.02	10	<25	45
0064	N	N	30	20	15	N	500	100	15	N	50	<.02	15	<25	50
0065	N	N	5	20	<5	N	150	15	15	N	70	<.02	<10	<25	25
0066	N	<10	15	10	10	N	300	70	20	N	100	<.02	<10	<25	<25
0067	N	10	30	10	20	N	300	200	50	N	150	<.02	<10	<25	25
0068	N	10	20	10	15	N	200	150	30	N	100	<.02	<10	<25	35
0069	N	N	10	20	5	N	200	30	<10	N	100	<.02	<10	<25	<25
0070	N	<10	15	20	7	N	500	70	10	N	100	<.02	<10	<25	35
0071	N	20	5	20	<5	N	200	20	N	N	70	<.02	<10	<25	<25
0072	N	N	10	20	7	N	300	70	10	N	100	<.02	<10	<25	35
0073	N	N	10	20	10	N	150	70	15	N	100	<.02	<10	<25	30
0074	N	N	20	10	10	N	300	100	20	N	100	<.02	10	<25	50
0075	N	N	50	15	15	N	500	150	20	N	100	<.02	20	<25	70
0076	N	<10	30	20	10	N	500	100	15	N	100	<.02	15	<25	65
0077	N	10	20	50	10	N	200	70	20	N	200	<.02	10	25	65
0078	N	N	5	20	<5	N	200	10	<10	N	20	<.02	<10	<25	<25
0079	N	10	20	50	10	N	150	70	20	N	100	<.02	15	35	50
0080	N	<10	5	20	<5	N	100	10	10	N	100	<.02	<10	<25	<25
0081	N	10	5	30	<5	N	100	10	10	N	20	<.02	<10	<25	<25
0082	N	10	5	30	<5	N	150	10	10	N	100	<.02	<10	<25	30
0083	N	10	5	30	<5	N	150	10	10	N	100	<.02	<10	<25	30
0084	N	20	5	30	<5	N	150	10	10	N	70	<.02	<10	<25	30
0085	N	10	30	10	15	N	300	150	30	N	100	<.02	10	<25	45
0086	N	10	20	30	10	N	200	70	15	N	100	<.02	<10	<25	35
0087	N	<10	30	20	10	N	500	100	20	N	100	<.02	10	<25	50
0088	N	N	20	<10	15	N	200	200	20	N	70	<.02	<10	<25	35
0089	N	100	5	50	<5	N	150	10	50	N	50	<.02	<10	<25	<25
0090	N	10	5	50	<5	N	150	15	10	N	150	<.02	<10	<25	<25
0091	N	15	5	30	<5	N	200	15	10	N	50	<.02	<10	<25	25
0092	N	10	5	30	<5	N	300	20	N	N	50	<.02	<10	<25	45
0093	N	10	5	30	<5	N	100	15	<10	N	50	<.02	<10	<25	35
0094	N	<10	5	50	<5	N	150	10	<10	N	20	<.02	<10	<25	<25
0095	N	10	<5	30	<5	N	100	10	15	N	30	<.02	<10	<25	30
0096	N	<10	5	30	<5	N	200	15	10	N	50	<.02	<10	<25	30
0097	N	<10	<5	30	<5	N	150	10	10	N	70	<.02	<10	<25	30
0098	N	N	10	20	10	N	300	30	10	N	70	<.02	<10	<25	30
0099	N	N	5	30	10	N	200	70	30	N	70	<.02	<10	<25	<25
0100	N	<10	20	30	15	N	300	100	15	N	100	<.02	<10	<25	65
0101	N	N	10	20	5	N	500	50	10	N	50	<.02	<10	<25	30
0102	N	N	30	20	5	N	200	70	10	N	100	<.02	<10	<25	40
0103	N	N	5	50	<5	N	200	10	10	N	20	<.02	<10	<25	<25
0104	N	N	20	20	20	N	200	150	20	N	150	<.02	<10	<25	30
0105	N	N	20	10	10	N	200	100	15	N	100	<.02	<10	<25	30
0106	N	10	<5	30	N	N	100	<10	N	N	20	<.02	<10	<25	25

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	AA-AG-P
0062	<.2
0063	<.2
0064	<.2
0065	<.2
0066	<.2
0067	<.2
0068	<.2
0069	<.2
0070	<.2
0071	<.2
0072	<.2
0073	<.2
0074	<.2
0075	<.2
0076	<.2
0077	<.2
0078	<.2
0079	<.2
0080	<.2
0081	<.2
0082	<.2
0083	<.2
0084	<.2
0085	<.2
0086	<.2
0087	<.2
0088	<.2
0089	<.2
0090	<.2
0091	<.2
0092	.2
0093	<.2
0094	<.2
0095	<.2
0096	<.2
0097	<.2
0098	<.2
0099	<.2
0100	<.2
0101	<.2
0102	<.2
0103	N
0104	<.2
0105	<.2
0106	<.2

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	X-COORD.	Y-COORD.	S-FEZ	S-MGZ	S-CAZ	S-TIZ	S-MN	S-AG	S-3	S-BA	S-BE	S-CO	S-CR	S-CJ	S-LA
0107	-2.64	-8.82	7.0	1.50	2.00	.30	1,000	N	V	1,000	1.0	10	50	10	30
0108	-4.72	-0.39	1.0	.10	.50	.07	200	N	V	1,000	2.0	<5	<10	7	70
0109	-4.57	-0.61	.7	.10	.70	.07	200	N	V	1,000	2.0	N	N	15	20
0110	-2.78	-1.24	1.0	.20	.50	.07	300	N	N	1,500	1.5	<5	<10	7	<20
0111	-4.04	-9.65	1.0	.20	.50	.10	150	N	V	1,000	2.0	N	<10	7	20
0112	-4.20	-9.46	.5	.15	.70	.07	150	N	N	700	2.0	N	<10	7	N
0113	4.96	-2.81	.7	.10	.70	.05	500	N	10	1,000	1.0	N	<10	<5	N
0114	5.04	-2.96	1.0	.20	.50	.07	200	N	10	700	1.0	N	15	10	70
0115	5.83	-1.83	.7	.20	.70	.03	200	N	<10	1,000	1.0	N	<10	15	V
0116	4.80	-1.72	1.5	.20	.50	.07	300	N	<10	1,000	<1.0	5	15	15	N
0117	7.01	-0.88	5.0	1.20	.70	.30	700	N	<10	1,000	1.0	15	20	7	N
0118	6.93	-8.96	5.0	.70	1.00	.30	1,000	N	10	1,500	1.5	15	30	10	N
0119	5.69	-8.36	2.0	.70	1.50	.20	700	N	15	700	1.5	10	15	7	N
0120	5.57	-8.16	2.0	.70	1.00	.15	700	N	<10	1,000	1.0	10	15	7	V
0121	2.81	-9.55	.5	.07	.50	.07	150	N	<10	1,000	1.5	N	<10	10	V
0122	2.87	-9.72	.7	.10	.50	.15	200	N	<10	700	2.0	N	<10	15	30
0123	1.75	-9.66	.7	.07	.50	.10	200	N	<10	700	2.0	N	<10	15	20
0124	.43	-7.02	2.0	.50	1.00	.20	700	N	<10	1,000	1.5	7	15	15	20
0125	.49	-6.87	.7	.20	.50	.07	200	N	<10	1,000	1.5	N	<10	5	N
0126	1.21	-6.93	5.0	1.00	1.50	.50	1,000	N	<10	1,000	1.5	10	30	50	N
0127	2.44	-7.36	.7	.15	.30	.10	150	N	<10	1,500	1.5	N	<10	10	N
0128	2.39	-7.20	1.0	.15	.50	.10	200	N	<10	1,000	1.5	N	<10	5	N
0129	3.67	-6.83	1.5	.50	.70	.20	300	N	<10	1,000	1.5	5	10	5	20
0130	6.55	-6.92	1.0	.20	.50	.15	200	N	<10	1,000	1.5	<5	<10	5	N
0131	6.40	-7.23	1.0	.15	.30	.07	150	N	<10	700	1.5	N	<10	50	20
0132	2.68	-7.65	1.0	.15	.20	.15	200	N	<10	1,000	1.5	N	<10	5	V
0133	3.88	-7.19	.7	.15	.20	.10	150	N	<10	1,000	1.5	N	<10	<5	N
0134	4.81	-1.69	.7	.10	.20	.05	150	N	<10	700	2.0	N	<10	<5	20
0135	5.10	-1.83	.7	.15	.20	.07	150	N	<10	1,000	1.5	N	<10	10	20
0136	4.02	-2.44	1.0	.15	.20	.10	200	N	<10	1,000	1.5	<5	<10	10	<20
0137	4.03	-2.72	.5	.35	.20	.05	100	N	<10	500	1.5	N	N	10	20
0138	6.07	-7.96	2.0	.70	1.00	.20	700	N	<10	700	1.0	7	30	10	<20
0139	6.08	-7.73	2.0	.50	1.00	.10	1,000	N	<10	700	1.5	7	10	10	N
0140	5.52	-6.08	7.0	1.50	1.50	.30	1,500	N	10	500	1.5	20	100	15	<20
0141	5.16	-7.42	2.0	.70	1.00	.20	1,000	N	<10	500	1.5	10	30	10	V
0142	5.29	-7.54	2.0	.50	1.50	.07	700	N	<10	1,000	1.5	7	20	10	N
0143	6.81	-6.33	2.0	.50	1.00	.15	500	N	<10	1,000	1.0	7	20	5	V
0144	6.73	-6.17	5.0	1.30	.70	.30	700	N	<10	700	1.5	15	50	7	<20
0145	6.38	-5.92	7.0	1.50	1.50	.20	700	N	<10	1,000	1.5	15	70	10	<20
0146	6.47	-6.51	3.0	1.30	1.50	.20	700	N	10	1,000	1.5	10	70	10	N
0147	5.54	-5.89	5.0	1.50	1.00	.30	1,000	N	<10	1,000	1.5	15	100	15	N
0148	-6.40	-0.9	5.0	.70	1.50	.30	1,000	N	10	700	1.0	10	20	10	N
0149	5.26	-3.90	3.0	.70	.30	.20	700	N	<10	700	2.0	7	15	20	V
0150	5.31	-3.74	.7	.15	.30	.10	200	N	<10	1,000	2.0	N	<10	10	N
0151	4.64	-3.06	1.0	.15	.50	.20	300	N	<10	1,000	3.0	N	<10	10	20

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	S-MO	S-NB	S-NI	S-PB	S-SC	S-SN	S-SR	S-V	S-Y	S-ZN	S-Zr	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P
0107	N	N	30	20	10	N	200	150	20	N	150	<.02	<10	<25	35
0108	N	10	5	30	<5	N	200	20	<10	N	30	<.02	<10	<25	<25
0109	N	N	5	30	<5	N	300	<10	<10	N	20	<.02	<10	<25	<25
0110	N	N	5	30	<5	N	200	20	N	N	30	<.02	<10	<25	30
0111	N	N	5	30	<5	N	200	20	<10	N	50	<.02	<10	<25	<25
0112	N	N	5	20	<5	N	200	10	<10	N	15	<.02	<10	<25	<25
0113	N	N	5	50	5	N	200	10	20	N	15	<.02	<10	<25	<25
0114	N	N	5	50	5	N	150	30	10	N	70	<.02	<10	<25	<25
0115	N	N	5	50	<5	N	300	20	10	N	30	<.02	<10	<25	<25
0116	N	N	7	50	5	N	200	30	10	N	50	<.02	<10	<25	<25
0117	N	10	15	30	10	N	200	70	15	N	100	<.02	<10	<25	80
0118	N	N	20	30	10	N	200	100	15	N	150	<.02	15	<25	75
0119	N	N	10	20	7	N	300	50	10	N	30	<.02	10	<25	40
0120	N	N	10	20	5	N	200	50	<10	N	20	<.02	<10	<25	30
0121	N	N	5	20	<5	N	150	10	N	N	50	<.02	<10	<25	25
0122	N	<10	5	30	<5	N	150	15	10	N	70	<.02	<10	<25	35
0123	N	10	5	30	<5	N	100	<10	<10	N	30	<.02	<10	<25	30
0124	N	10	10	20	5	N	150	50	10	N	150	<.02	<10	<25	30
0125	N	N	5	30	<5	N	200	10	N	N	15	<.02	<10	<25	25
0126	N	10	15	30	15	N	150	150	20	N	100	<.02	<10	<25	30
0127	N	<10	5	30	<5	N	150	10	N	N	70	<.02	<10	<25	<25
0128	N	<10	5	30	<5	N	150	20	10	N	50	<.02	<10	<25	<25
0129	N	<10	7	20	5	N	200	30	10	N	70	<.02	<10	<25	25
0130	N	<10	5	30	<5	N	150	20	<10	N	70	<.02	<10	<25	25
0131	N	10	5	50	<5	N	150	10	<10	N	30	<.02	<10	<25	<25
0132	N	15	5	30	<5	N	150	15	<10	N	100	<.02	<10	<25	<25
0133	N	10	5	30	<5	N	150	10	<10	N	100	<.02	<10	<25	25
0134	N	<10	5	30	<5	N	100	10	15	N	30	<.02	<10	<25	25
0135	N	10	5	30	<5	N	150	10	15	N	100	<.02	<10	<25	30
0136	N	10	5	30	<5	N	150	15	<10	N	50	<.02	<10	<25	30
0137	N	10	<5	30	<5	N	100	<10	10	N	100	<.02	<10	<25	25
0138	N	<10	15	20	7	N	300	70	10	N	50	<.02	<10	<25	40
0139	N	N	10	20	<5	N	500	20	N	N	20	<.02	<10	<25	40
0140	N	<10	50	30	15	N	300	100	20	N	70	<.02	15	<25	50
0141	N	<10	20	20	7	N	300	70	15	N	50	<.02	<10	<25	45
0142	N	N	10	20	5	N	500	30	<10	N	30	<.02	<10	<25	25
0143	N	N	10	20	5	N	500	50	<10	N	30	<.02	<10	<25	30
0144	N	10	20	20	10	N	200	70	15	N	100	<.02	<10	<25	80
0145	N	10	20	20	10	N	300	100	15	N	100	<.02	<10	<25	70
0146	N	N	20	20	7	N	500	70	10	N	100	<.02	<10	<25	35
0147	N	<10	30	20	10	N	150	100	15	N	150	<.02	10	<25	95
0148	N	N	15	10	10	N	200	100	20	N	100	<.02	10	<25	35
0149	N	10	10	20	5	N	100	50	15	N	150	<.02	25	<25	40
0150	N	10	5	30	<5	N	100	10	<10	N	100	<.02	<10	<25	<25
0151	N	10	5	30	<5	N	100	10	10	N	20	<.02	<10	<25	30

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample AA-AG-P

0107	<.2
0108	<.2
0109	<.2
0110	<.2
0111	<.2
0112	<.2
0113	<.2
0114	<.2
0115	<.2
0116	<.2
0117	<.2
0118	<.2
0119	<.2
0120	<.2
0121	<.2
0122	.2
0123	<.2
0124	<.2
0125	<.2
0126	<.2
0127	<.2
0128	<.2
0129	<.2
0130	<.2
0131	<.2
0132	<.2
0133	<.2
0134	<.2
0135	<.2
0136	<.2
0137	<.2
0138	<.2
0139	<.2
0140	<.2
0141	<.2
0142	<.2
0143	<.2
0144	<.2
0145	<.2
0146	<.2
0147	<.2
0148	<.2
0149	<.2
0150	<.2
0151	<.2

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	X-COORD.	Y-COORD.	S-FEZ	S-WG%	S-CA%	S-TIX	S-MN	S-AG	S-3	S-BA	S-BE	S-CD	S-CR	S-CJ	S-LA
0152	4.82	-3.25	.7	.10	.30	.10	300	.7	<10	1,000	2.0	N	<10	<5	20
0153	2.12	-6.17	1.0	.30	.30	.10	300	N	<10	700	2.0	<5	15	7	N
0154	1.89	-6.86	2.0	.50	.50	.20	700	N	<10	700	1.0	7	30	20	30
0155	1.90	-7.16	3.0	.70	.70	.30	700	N	<10	700	1.5	10	50	15	70
0156	6.69	-0.08	7.0	1.00	1.00	.50	1,000	N	10	700	1.0	15	50	15	N
0157	-9.22	-2.10	3.0	.70	1.50	.20	700	N	<10	1,000	1.5	10	30	7	N
0158	-2.62	-4.98	5.0	1.50	2.00	.30	1,000	N	10	1,000	1.0	15	100	10	N
0159	-2.17	-8.59	2.0	.70	2.00	.30	500	.5	100	700	1.5	10	150	30	30
0160	-0.28	-2.33	3.0	1.00	2.00	.30	700	N	10	1,500	1.0	10	70	10	30
0161	-6.96	-7.29	1.5	.20	.70	.15	300	N	<10	1,500	1.5	<5	<10	7	20
0162	-6.65	-7.33	1.0	.20	.70	.15	300	N	<10	1,500	1.5	<5	<10	7	30
0163	9.11	-8.39	1.5	.10	.20	.15	200	<.5	20	700	1.5	5	20	10	50
0164	9.15	-8.57	2.0	.20	.20	.15	1,500	N	15	500	1.0	5	20	10	30
0165	11.27	-4.75	1.0	.20	.20	.15	500	<.5	20	300	<1.0	5	20	10	30
0166	11.55	-5.10	.5	.10	.15	.10	150	<.5	10	300	<1.0	N	15	5	30
0167	12.22	-4.78	.7	.15	.30	.15	200	<.5	20	300	<1.0	N	15	10	30
0168	11.24	-4.61	2.0	.15	.20	.15	700	N	20	500	1.5	7	20	15	50
0169	11.79	-3.81	1.5	.15	.15	.15	150	N	20	300	1.0	5	20	7	20
0170	11.20	-9.62	.7	.15	.30	.15	100	N	20	500	<1.0	N	15	5	30
0171	10.29	-0.99	.7	.70	.50	.10	150	<.5	15	700	<1.0	<5	20	7	30
0172	8.70	-4.25	.5	.37	.07	.05	100	<.5	<10	700	1.5	<5	<10	7	30
0173	8.78	-4.09	1.0	.30	.30	.07	300	N	<10	1,000	2.0	7	10	7	N
0174	8.17	-4.80	.5	.07	.10	.03	150	N	<10	1,000	1.5	N	<10	5	<20
0175	8.03	-4.96	1.5	.30	.30	.10	500	N	<10	700	3.0	10	50	7	50
0176	9.99	-3.29	.5	.10	.10	.05	150	N	<10	700	1.5	N	<10	7	20
0177	10.23	-3.06	1.5	.50	.50	.10	300	N	<10	700	1.5	15	50	5	20
0178	11.32	-3.38	1.0	.20	.20	.10	200	N	<10	700	1.5	5	10	5	20
0179	9.68	-6.61	1.5	.50	.50	.15	300	N	<10	700	1.0	10	70	7	20
0180	8.46	-6.27	2.0	.70	.30	.15	700	N	<10	700	1.0	15	50	10	<20
0181	8.53	-1.62	.5	.07	.15	.05	500	N	<10	700	2.0	N	<10	7	<20
0182	9.01	-2.25	.7	.10	.15	.05	150	N	<10	700	2.0	N	<10	5	<20
0183	9.27	-9.12	1.0	.15	.15	.07	500	N	<10	1,000	2.0	5	<10	7	20
0184	9.33	-8.86	.7	.10	.10	.05	150	N	<10	500	1.5	<5	<10	<5	20
0185	9.14	-8.67	2.0	.10	.20	.10	1,000	N	<10	700	5.0	10	<10	10	50
0186	10.29	-8.75	1.5	.10	.15	.10	700	N	<10	500	2.0	5	10	10	20
0187	12.27	-8.06	.7	.10	.20	.07	200	N	<10	700	2.0	N	<10	10	<20
0188	8.53	-1.23	3.0	.70	.70	.30	500	N	10	700	1.5	10	50	15	30
0189	8.53	-1.40	1.5	.30	.70	.10	200	N	<10	700	1.0	7	50	7	20
0190	8.36	-1.55	2.0	.50	.70	.10	500	N	10	700	1.5	5	20	15	<20
0191	9.98	-6.80	.7	.07	.20	.07	200	N	<10	700	2.0	N	<10	5	20
0192	12.55	-6.39	1.0	.20	.20	.10	150	N	10	500	1.5	5	10	7	20
0193	12.61	-6.02	1.0	.30	.20	.20	500	N	10	500	5.0	5	10	10	30
0194	8.71	-4.97	3.0	.70	.50	.30	700	N	15	700	3.0	10	30	15	50
0195	7.43	-4.86	2.0	.50	.50	.20	300	N	10	700	2.0	7	20	15	30
0196	7.40	-4.65	1.5	.50	.30	.15	200	N	15	700	2.0	7	15	7	30

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	S-MO	S-NB	S-NI	S-PB	S-SC	S-SN	S-SR	S-V	S-Y	S-ZN	S-ZR	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZV-P
0152	N	10	5	50	<5	N	100	10	10	N	20	<.02	<10	<25	25
0153	N	15	5	20	<5	N	100	20	15	N	100	<.02	<10	<25	<25
0154	N	N	10	50	7	N	100	50	15	N	100	<.02	<10	<25	50
0155	N	10	20	30	10	N	200	70	20	N	150	<.02	10	<25	60
0156	N	<10	20	30	15	N	200	100	20	N	100	<.02	<10	<25	75
0157	N	N	15	20	7	N	500	70	15	N	100	<.02	<10	<25	25
0158	N	N	30	10	15	N	300	100	30	N	100	<.02	<10	<25	30
0159	10	<10	50	50	10	N	300	500	30	<200	150	<.02	35	25	160
0160	N	<10	30	20	10	N	700	150	20	N	100	<.02	10	<25	35
0161	N	N	5	20	<5	N	300	20	N	N	100	<.02	<10	<25	<25
0162	N	N	5	20	<5	N	300	20	N	N	100	<.02	<10	<25	<25
0163	N	N	10	20	5	N	100	30	15	N	50	<.02	<10	<25	50
0164	N	N	10	<10	7	N	<100	30	20	N	100	<.02	<10	<25	30
0165	N	10	7	N	5	N	<100	50	15	N	70	<.02	<10	<25	30
0166	N	<10	5	<10	5	N	N	30	15	N	70	<.02	<10	<25	<25
0167	N	<10	5	10	5	N	N	30	15	N	300	<.02	<10	<25	25
0168	N	<10	15	20	7	N	<100	70	20	N	70	<.02	10	<25	50
0169	N	N	7	10	5	N	N	70	20	N	200	<.02	<10	<25	35
0170	N	<10	7	10	5	N	<100	20	15	N	150	<.02	<10	<25	30
0171	N	<10	7	10	5	N	100	30	10	N	200	<.02	<10	<25	<25
0172	N	<10	5	15	<5	N	100	10	10	N	100	<.02	<10	<25	30
0173	N	<10	7	15	5	N	150	30	10	N	70	<.02	10	<25	30
0174	N	10	5	30	<5	N	100	<10	<10	N	30	<.02	<10	<25	25
0175	<5	15	15	50	7	10	150	30	30	N	70	<.02	15	25	85
0176	N	10	5	20	<5	N	100	10	<10	N	50	<.02	<10	<25	25
0177	N	<10	15	10	7	N	150	70	20	N	70	<.02	<10	<25	30
0178	N	10	7	10	5	N	100	20	15	N	50	<.02	<10	<25	25
0179	N	<10	20	10	7	N	200	70	15	N	100	<.02	<10	<25	50
0180	N	<10	30	10	7	N	200	70	15	N	70	<.02	<10	<25	50
0181	N	10	5	50	<5	N	100	10	10	N	50	<.02	<10	<25	50
0182	N	10	5	20	<5	N	100	10	15	N	30	<.02	<10	<25	25
0183	10	10	5	20	5	10	100	15	20	N	100	<.02	10	<25	55
0184	10	10	5	15	<5	N	<100	10	30	N	50	<.02	<10	<25	50
0185	50	10	7	30	5	N	100	15	30	N	30	<.02	<10	<25	85
0186	10	<10	5	20	5	N	100	20	20	N	100	<.02	<10	<25	50
0187	N	<10	5	30	<5	N	100	10	10	N	150	<.02	<10	<25	<25
0188	N	10	20	30	15	N	300	70	20	N	150	<.02	10	<25	70
0189	N	N	15	30	7	N	300	50	15	N	30	<.02	<10	<25	30
0190	N	N	10	30	7	N	300	30	10	N	100	<.02	<10	<25	25
0191	N	10	<5	30	<5	N	100	10	10	N	70	<.02	<10	<25	30
0192	N	10	5	20	5	N	100	30	10	N	70	<.02	<10	<25	25
0193	N	10	7	30	5	N	100	30	15	N	150	<.02	10	<25	40
0194	N	20	15	50	10	N	150	70	50	N	200	<.02	10	<25	50
0195	N	10	10	50	7	N	150	50	15	N	150	<.02	<10	<25	50
0196	N	10	15	30	5	N	100	30	15	N	100	<.02	<10	<25	30

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	AA-AG-P
0152	<.2
0153	.2
0154	<.2
0155	<.2
0156	<.2
0157	<.2
0158	<.2
0159	.4
0160	<.2
0161	<.2
0162	<.2
0163	.4
0164	.2
0165	<.2
0166	.4
0167	.2
0168	.2
0169	<.2
0170	.2
0171	<.2
0172	.2
0173	.2
0174	<.2
0175	.2
0176	<.2
0177	.2
0178	<.2
0179	<.2
0180	<.2
0181	.2
0182	N
0183	.2
0184	.2
0185	.2
0186	<.2
0187	.2
0188	.2
0189	<.2
0190	.2
0191	<.2
0192	.2
0193	<.2
0194	<.2
0195	<.2
0196	<.2

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	X-COORD.	Y-COORD.	S-FEX	S-MGX	S-CAZ	S-TIX	S-MN	S-AG	S-3	S-BA	S-BE	S-CD	S-CR	S-CJ	S-LA
0197	9.85	-3.90	1.5	.30	.50	.15	300	N	<10	700	1.5	<5	10	<5	20
0198	9.89	-3.70	.5	.07	.20	.07	200	N	<10	500	1.5	<5	<10	5	20
0199	11.45	-4.43	1.5	.50	.50	.30	500	N	10	500	1.5	7	150	15	50
0200	11.61	-2.08	5.0	1.30	1.50	.50	1,000	N	<10	1,500	1.0	15	150	15	20
0201	11.59	-2.26	15.0	1.30	1.50	>1.00	3,000	N	<10	1,500	1.0	20	50	10	<20
0202	7.94	-3.16	.7	.10	.20	.15	200	N	<10	700	2.0	N	<10	7	30
0203	7.33	-2.08	.7	.07	.15	.20	500	N	<10	500	2.0	N	<10	<5	20
0204	7.11	-2.32	.7	.10	.20	.07	200	N	<10	700	2.0	N	<10	5	20
0205	8.43	-2.14	5.0	1.50	1.50	.30	700	N	<10	500	1.0	15	50	15	20
0206	9.47	-.04	5.0	1.50	1.50	.30	700	N	<10	700	1.0	15	70	20	20
0207	11.19	-.47	5.0	1.00	1.00	.30	700	N	10	700	1.0	20	100	20	20
0208	13.70	-.43	3.0	.70	1.00	.20	700	N	10	700	1.0	15	70	15	20
0209	10.94	-7.07	1.0	.10	.15	.05	200	N	<10	700	1.5	<5	<10	5	20
0210	10.80	-7.26	.5	.05	.15	.03	200	N	<10	700	1.5	<5	<10	5	<20
0211	9.19	-7.09	1.0	.10	.15	.07	150	N	<10	700	2.0	<5	<10	10	20
0212	6.78	-2.05	5.0	.70	1.50	.20	500	N	<10	700	<1.0	15	30	15	<20
0213	8.47	-3.95	3.0	.70	1.00	.20	700	N	<10	700	1.5	15	50	10	<20
0214	8.07	-9.26	3.0	.70	.50	.20	700	N	10	1,000	1.0	10	50	10	N
0215	7.89	-9.48	3.0	.70	.50	.20	500	N	10	700	1.0	10	30	10	<20
0216	8.19	-.56	3.0	.70	1.50	.20	700	N	10	700	1.0	10	100	15	<20
0217	8.31	.19	7.0	2.00	2.00	.50	700	N	10	700	1.0	20	200	30	20
0218	7.76	.33	3.0	1.00	1.50	.20	700	N	10	1,000	1.0	15	150	15	<20
0219	7.87	.07	3.0	.70	1.50	.30	700	N	<10	500	1.0	15	100	15	20
0220	8.81	-9.18	.5	.10	.20	.07	100	N	<10	500	1.5	N	<10	5	20
0221	8.37	-9.08	.3	.05	.20	.05	100	N	<10	500	2.0	N	<10	7	<20
0222	6.22	-9.41	.7	.10	.15	.07	100	N	<10	700	1.5	N	<10	5	<20
0223	7.00	-0.74	1.0	.15	.20	.07	200	N	<10	700	1.5	N	<10	5	<20
0224	6.61	-0.62	.7	.10	.20	.07	150	N	<10	700	1.5	N	<10	<5	<20
0225	7.77	-9.49	.7	.10	.20	.07	150	N	<10	700	2.0	N	<10	<5	<20
0226	13.49	-5.68	3.0	.70	1.00	.30	500	N	<10	700	2.0	10	50	10	20
0227	12.95	-5.76	1.0	.15	.50	.10	300	N	<10	700	2.0	N	10	5	20
0228	13.13	-7.90	1.0	.50	.70	.20	200	N	20	300	1.5	5	20	10	30
0229	8.52	-9.78	1.0	.30	.70	.10	200	N	<10	1,000	1.0	<5	20	<5	20
0230	12.13	-8.30	3.0	.70	.50	.30	200	N	50	1,000	1.0	15	100	20	70
0231	11.91	-6.00	2.0	.70	.70	.20	500	N	<10	700	<1.0	10	50	10	20
0232	9.77	-2.63	1.0	.20	.50	.07	200	N	<10	700	2.0	<5	<10	15	20
0001	-2.29	-1.20	20.0	5.30	5.00	>1.00	5,000	N	<10	500	1.0	50	300	<5	50
0002	1.28	.14	10.0	2.00	5.00	1.00	1,500	N	<10	700	1.0	30	200	5	20
0003	1.11	1.08	10.0	2.30	5.00	1.00	2,000	N	10	500	1.0	30	300	10	20
0004	-1.51	1.25	15.0	3.00	5.00	1.00	5,000	N	10	300	1.0	50	300	7	20
0005	-.99	-.77	10.0	2.30	5.00	1.00	2,000	N	<10	700	1.0	30	150	7	20
0006	-9.54	-7.33	5.0	1.50	1.50	.70	700	N	15	700	1.5	15	70	20	70
0007	-8.79	-1.68	1.5	.30	.70	.50	500	N	15	700	<1.0	5	15	20	30
0008	-0.42	-4.49	7.0	1.50	2.00	.70	1,500	N	15	700	<1.0	15	70	30	20
0009	4.27	-4.04	10.0	2.00	2.00	.50	2,000	N	10	500	1.5	20	150	10	50

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	S-MO	S-NB	S-NI	S-PB	S-SC	S-SN	S-SR	S-V	S-Y	S-ZN	S-ZR	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZV-P
0197	N	15	7	30	5	N	100	20	15	N	100	<.02	<10	<25	<25
0198	N	<10	5	50	<5	N	100	10	15	N	100	<.02	<10	<25	<25
0199	N	15	10	30	7	N	100	50	70	N	700	<.02	<10	<25	35
0200	N	N	20	30	20	N	300	70	15	N	70	<.02	20	<25	50
0201	N	15	20	10	50	N	300	200	N	N	150	<.02	25	25	55
0202	N	10	5	50	<5	N	100	10	15	N	100	<.02	<10	<25	25
0203	N	20	5	50	<5	N	100	10	10	N	100	<.02	<10	<25	<25
0204	N	10	5	50	<5	N	100	10	15	N	50	<.02	<10	<25	30
0205	N	<10	20	20	15	N	300	100	20	N	100	<.02	15	<25	60
0206	N	<10	30	30	15	N	500	150	15	N	100	<.02	30	<25	100
0207	N	N	30	30	15	N	300	150	20	<200	100	<.02	25	35	190
0208	N	N	20	20	10	N	300	100	15	N	100	<.02	15	<25	80
0209	N	N	<5	30	<5	N	100	20	10	N	100	<.02	<10	<25	30
0210	N	N	<5	50	<5	N	100	10	10	N	50	<.02	<10	<25	<25
0211	N	10	<5	50	<5	N	100	15	50	N	50	<.02	<10	<25	50
0212	N	N	15	15	10	N	300	100	15	N	100	<.02	15	<25	45
0213	N	<10	20	20	10	N	200	100	20	N	70	<.02	15	<25	30
0214	N	<10	10	15	10	N	200	70	10	N	100	<.02	10	<25	50
0215	N	<10	10	20	7	N	200	70	15	N	100	<.02	10	<25	75
0216	N	N	20	50	10	N	500	70	15	<200	50	<.02	20	30	170
0217	N	10	30	50	20	N	500	150	20	<200	70	<.02	40	30	150
0218	N	N	30	30	15	N	500	100	15	N	70	<.02	20	30	125
0219	N	10	20	30	30	N	500	100	15	N	100	<.02	35	30	130
0220	N	10	<5	30	<5	<10	100	10	10	N	150	<.02	<10	<25	30
0221	N	15	<5	30	<5	<10	<100	<10	10	N	50	<.02	<10	<25	<25
0222	N	N	<5	30	<5	N	<100	10	<10	N	50	<.02	<10	<25	<25
0223	N	10	<5	50	<5	N	100	10	10	N	30	<.02	<10	<25	30
0224	N	<10	<5	30	<5	N	100	10	10	N	50	<.02	<10	<25	30
0225	N	<10	<5	30	<5	<10	100	10	<10	N	20	<.02	<10	<25	<25
0226	N	10	15	50	10	<10	150	70	30	N	150	<.02	<10	<25	50
0227	N	10	5	50	<5	<10	150	20	10	N	100	<.02	<10	<25	25
0228	N	<10	5	20	5	N	100	30	30	N	150	<.02	<10	<25	50
0229	N	N	5	30	5	N	300	20	10	N	50	<.02	<10	<25	<25
0230	10	<10	30	50	10	N	200	200	20	N	100	<.02	25	<25	110
0231	N	N	30	20	7	N	150	50	15	N	150	<.02	<10	<25	50
0232	N	10	5	30	5	N	150	15	10	N	20	<.02	<10	<25	30
0001	N	10	50	N	50	N	100	500	150	N	150	<.02	<10	<25	<25
0002	N	10	30	10	30	N	200	300	70	N	200	<.02	<10	<25	60
0003	N	20	50	20	30	N	300	200	70	N	200	<.02	30	25	110
0004	N	15	50	10	50	N	200	500	100	N	150	<.02	<10	<25	25
0005	N	15	30	20	50	N	200	300	100	N	500	<.02	10	<25	50
0006	N	20	15	20	10	N	300	100	30	N	>1,000	<.02	15	<25	60
0007	N	N	5	20	<5	N	300	30	10	N	1,000	<.02	<10	<25	25
0008	N	10	20	30	20	N	150	200	70	N	700	<.02	25	30	250
0009	N	10	30	30	30	N	200	150	200	N	700	<.02	15	25	100

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	AA-AG-P
0197	.2
0198	.2
0199	.2
0200	<.2
0201	<.2
0202	<.2
0203	<.2
0204	<.2
0205	<.2
0206	.2
0207	<.2
0208	.2
0209	<.2
0210	<.2
0211	<.2
0212	<.2
0213	<.2
0214	.2
0215	<.2
0216	<.2
0217	<.2
0218	<.2
0219	<.2
0220	<.2
0221	<.2
0222	<.2
0223	.2
0224	<.2
0225	<.2
0226	<.2
0227	<.2
0228	.2
0229	<.2
0230	<.2
0231	<.2
0232	<.2
0001	<.2
0002	<.2
0003	<.2
0004	<.2
0005	<.2
0006	<.2
0007	.2
0008	<.2
0009	<.2

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	X-COORD.	Y-COORD.	S-FEX	S-WG%	S-CA%	S-TIX	S-MN	S-AG	S-3	S-BA	S-BE	S-CO	S-CR	S-CJ	S-LA
0010	4.72	-4.28	7.0	2.00	2.00	.50	1,500	N	15	500	1.0	20	70	30	20
0011	4.24	-3.31	7.0	2.00	2.00	.50	2,000	N	30	700	1.0	30	150	30	50
0012	3.18	-2.23	15.0	2.00	2.00	>1.00	2,000	N	15	300	<1.0	30	100	7	70
0013	3.12	-2.70	7.0	2.00	2.00	.70	2,000	N	20	300	1.0	30	50	20	<20
0014	3.35	-2.84	10.0	2.00	2.00	.50	2,000	N	<10	500	1.5	30	150	15	<20
0015	2.16	-2.57	10.0	3.00	2.00	1.00	2,000	N	<10	500	1.0	30	100	15	50
0016	-9.70	-2.51	2.0	.50	1.00	.20	700	N	20	700	1.0	7	20	15	70
0017	-9.96	-2.72	3.0	1.50	1.50	.30	700	N	10	500	1.5	10	20	10	50
0018	-7.30	-2.44	5.0	1.50	1.50	.70	1,000	N	15	300	1.0	15	50	5	20
0019	-6.88	-2.19	10.0	2.00	2.00	1.00	2,000	N	15	500	1.0	20	70	5	<20
0020	-9.97	-4.06	10.0	2.00	3.00	.70	1,500	N	10	300	1.5	30	100	7	20
0021	-9.61	-3.46	10.0	2.00	2.00	.70	1,500	N	10	300	1.0	30	70	20	30
0022	-2.18	-6.61	7.0	1.50	1.50	.50	1,000	N	20	500	1.0	20	70	30	70
0023	-7.52	-7.48	15.0	3.00	5.00	>1.00	2,000	N	<10	200	1.0	50	200	5	100
0024	-6.49	-6.60	10.0	2.00	2.00	.70	1,500	N	10	300	1.0	20	100	10	20
0025	-6.02	-6.52	7.0	2.00	2.00	.70	1,500	N	20	500	1.0	20	100	15	50
0026	-3.02	-8.39	7.0	2.00	2.00	.70	1,500	N	20	700	1.0	15	50	30	50
0027	-2.45	-7.60	7.0	2.00	2.00	.70	1,500	N	15	500	1.0	20	100	30	20
0028	-7.52	-8.01	2.0	.70	.70	.30	700	N	50	500	1.0	10	20	10	<20
0029	-8.70	-9.23	2.0	.70	.70	.30	700	N	50	300	1.0	10	30	15	20
0030	-2.59	-2.02	10.0	2.00	2.00	1.00	2,000	N	<10	300	1.0	20	50	10	30
0031	-1.57	2.16	7.0	1.50	2.00	.70	2,000	N	<10	300	1.5	15	50	10	20
0032	-1.54	2.39	10.0	1.50	2.00	>1.00	3,000	N	<10	150	<1.0	20	70	5	20
0033	-9.62	-6.78	7.0	1.50	2.00	.70	1,500	N	<10	500	2.0	15	50	20	50
0034	-3.08	10.37	7.0	1.50	1.50	.50	1,000	N	20	1,000	1.0	15	30	15	N
0035	-8.92	-2.06	7.0	1.50	1.50	.50	1,500	N	30	300	1.0	20	70	20	50
0036	-8.35	-1.36	7.0	1.50	2.00	.50	1,500	N	20	300	1.5	20	70	15	50
0037	-1.91	-3.08	7.0	1.50	2.00	.50	1,500	N	15	500	1.5	20	50	30	30
0038	-9.62	-3.88	7.0	2.00	1.50	.50	1,500	N	20	500	1.5	20	70	30	30
0039	-6.16	-6.70	7.0	1.00	1.00	.50	1,000	N	20	700	2.0	15	50	20	100
0040	-5.98	-6.97	7.0	.50	1.00	.50	1,000	N	10	700	2.0	15	30	10	70
0041	-0.90	-8.59	2.0	.70	1.00	.30	500	N	15	500	1.0	10	20	7	50
0042	-5.76	-3.18	3.0	.50	.70	.70	2,000	N	<10	700	2.0	5	10	10	70
0043	-6.00	-2.86	5.0	1.00	1.00	.30	700	N	10	700	2.0	15	50	20	50
0044	-8.01	-0.09	3.0	1.00	2.00	.30	700	N	70	700	1.5	10	50	15	30
0045	-4.89	-0.22	10.0	2.00	2.00	.70	2,000	N	<10	300	1.5	20	150	10	100
0046	-5.20	-0.39	7.0	.70	1.00	.50	1,000	N	<10	700	1.5	15	50	7	70
0047	-5.55	-2.59	3.0	1.00	1.00	.50	1,000	N	20	700	1.5	10	50	15	50
0048	-4.89	-2.72	7.0	1.00	1.00	.70	2,000	N	20	500	1.0	20	50	15	70
0049	-4.44	-2.35	7.0	2.00	2.00	.50	1,000	N	10	700	1.0	20	100	15	30
0050	-5.06	-9.59	5.0	.70	1.50	.70	1,000	N	20	1,000	2.0	15	30	15	70
0051	-9.41	-8.50	7.0	1.00	5.00	.70	700	<.5	100	700	1.5	15	100	30	<20
0052	-4.56	-5.21	2.0	.50	1.00	.50	500	N	20	700	3.0	10	20	15	30
0053	-4.55	-6.46	3.0	.70	1.00	.70	1,500	N	30	700	5.0	15	30	15	70
0054	-3.80	-2.72	7.0	2.00	2.00	.70	1,500	N	15	500	1.5	20	150	20	70

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	S-MO	S-NB	S-NI	S-PB	S-SC	S-SN	S-SR	S-V	S-Y	S-ZN	S-ZR	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P
0010	N	<10	20	30	30	N	200	200	70	N	150	<.02	40	30	90
0011	N	N	50	50	30	N	300	150	50	N	150	--	35	35	130
0012	N	15	30	20	30	N	150	300	100	N	150	<.02	15	<25	60
0013	N	N	20	50	30	N	200	200	50	N	100	--	20	30	80
0014	N	N	30	15	30	N	200	200	70	N	150	<.02	20	<25	70
0015	N	<10	30	15	30	N	150	300	100	N	150	<.02	15	<25	70
0016	N	<10	10	20	5	N	300	50	50	N	150	<.02	<10	<25	35
0017	N	<10	10	10	10	N	200	100	50	N	500	<.02	10	<25	45
0018	N	10	15	10	20	N	200	150	50	N	200	<.02	<10	<25	25
0019	N	15	20	10	30	N	200	300	70	N	500	<.02	<10	<25	25
0020	N	20	30	10	30	N	150	300	70	N	150	<.02	<10	<25	35
0021	N	10	30	10	30	N	200	300	70	N	150	<.02	25	<25	55
0022	N	10	30	30	20	N	200	200	50	N	500	<.02	30	<25	95
0023	N	20	50	20	50	N	150	700	150	N	300	<.02	<10	<25	30
0024	N	10	30	15	30	N	200	200	50	N	500	<.02	15	<25	45
0025	N	10	30	30	20	N	200	200	30	N	150	<.02	20	<25	70
0026	N	10	20	30	20	N	200	200	50	N	300	<.02	25	<25	70
0027	N	10	30	30	20	N	150	200	50	N	700	<.02	25	<25	65
0028	N	<10	20	10	7	N	100	100	20	N	200	<.02	15	<25	50
0029	N	<10	20	20	5	N	100	50	20	N	200	<.02	<10	<25	30
0030	N	10	20	N	30	N	150	500	70	N	200	<.02	<10	<25	35
0031	N	10	20	10	20	N	150	200	50	N	200	<.02	<10	<25	30
0032	N	20	30	10	30	N	100	300	200	N	700	<.02	<10	<25	<25
0033	N	20	20	20	20	N	200	200	50	N	200	<.02	25	<25	40
0034	N	10	20	20	20	N	200	200	20	N	150	<.02	15	<25	55
0035	N	10	30	20	20	N	150	200	50	N	150	<.02	15	<25	45
0036	N	10	30	20	20	N	150	200	50	N	200	<.02	20	<25	45
0037	N	10	30	10	20	N	200	200	50	N	200	<.02	20	<25	55
0038	N	10	30	20	20	N	150	200	150	N	200	<.02	20	<25	50
0039	N	15	30	30	10	N	150	200	50	N	1,000	<.02	20	25	110
0040	N	15	10	30	10	N	300	100	30	N	1,000	<.02	<10	<25	45
0041	N	<10	10	10	5	N	200	70	20	N	500	<.02	<10	<25	25
0042	N	100	10	50	5	N	150	50	30	N	200	<.02	<10	<25	40
0043	N	30	30	50	10	N	200	100	20	N	200	<.02	10	<25	50
0044	N	10	30	30	10	N	200	200	20	N	500	<.02	20	25	80
0045	N	30	30	50	30	N	200	200	100	N	200	<.02	10	30	45
0046	N	30	20	20	20	N	300	100	50	N	700	<.02	<10	<25	25
0047	N	20	20	20	10	N	200	70	50	N	700	<.02	<10	<25	30
0048	N	10	20	20	20	N	150	100	50	N	300	<.02	15	<25	60
0049	N	10	20	20	20	N	300	200	30	N	200	<.02	15	<25	60
0050	N	20	15	50	15	N	300	100	30	N	200	<.02	10	<25	50
0051	15	<10	100	50	10	N	200	500	20	<200	500	<.02	30	30	110
0052	N	20	10	50	<5	N	200	50	15	N	500	<.02	<10	<25	50
0053	N	20	15	50	<5	N	200	100	20	N	700	<.02	15	30	90
0054	N	10	50	30	30	N	300	150	50	N	200	<.02	25	<25	50

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample AA-AG-P

0010	<.2
0011	<.2
0012	<.2
0013	<.2
0014	<.2
0015	<.2
0016	<.2
0017	<.2
0018	<.2
0019	.2
0020	<.2
0021	<.2
0022	<.2
0023	<.2
0024	<.2
0025	<.2
0026	<.2
0027	<.2
0028	<.2
0029	<.2
0030	<.2
0031	<.2
0032	<.2
0033	.2
0034	<.2
0035	<.2
0036	<.2
0037	<.2
0038	<.2
0039	.2
0040	<.2
0041	<.2
0042	<.2
0043	.2
0044	.4
0045	.2
0046	.2
0047	<.2
0048	<.2
0049	.2
0050	.2
0051	.2
0052	<.2
0053	.2
0054	.2

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	X-COORD.	Y-COORD.	S-FEZ	S-MGZ	S-CAZ	S-TIZ	S-MN	S-AG	S-3	S-BA	S-BE	S-CO	S-CR	S-CJ	S-LA
0055	-2.92	-1.86	7.0	2.00	2.00	.50	1,500	N	20	500	1.5	30	150	30	20
0056	-3.09	-1.65	10.0	1.00	1.50	.70	2,000	N	15	500	1.5	20	100	20	70
0057	-2.94	-8.36	5.0	.50	1.00	.50	700	N	30	700	2.0	10	20	15	70
0058	-.85	-8.83	5.0	1.00	1.50	.50	700	N	10	500	2.0	15	100	15	50
0059	-.95	-9.06	7.0	2.00	1.50	.50	1,000	N	30	500	2.0	20	150	30	50
0060	-1.04	-1.98	5.0	1.00	1.50	.50	500	N	100	500	1.5	15	50	15	50
0061	-0.44	2.27	3.0	1.00	1.50	.50	500	N	10	500	1.5	15	20	15	<20
0591	3.70	8.98	5.0	1.50	1.50	.50	1,000	N	<10	300	1.5	15	150	20	70
0592	4.15	9.36	7.0	2.00	3.00	>1.00	2,000	N	V	300	1.0	15	300	20	70
0593	4.11	9.17	7.0	2.00	2.00	.70	1,500	N	V	200	1.5	20	500	30	70
0594	4.21	8.69	7.0	1.50	2.00	.70	1,500	N	<10	200	2.0	20	100	15	70
0595	4.67	9.10	10.0	2.00	3.00	1.00	1,500	N	<10	300	1.5	30	100	15	50
0596	4.70	8.84	7.0	1.50	3.00	1.00	1,500	N	<10	200	1.5	15	70	20	70
0597	4.51	8.40	7.0	1.50	2.00	1.00	1,500	N	<10	150	1.5	15	70	30	100
0598	4.91	8.30	10.0	1.50	2.00	>1.00	2,000	N	<10	200	1.0	15	100	30	30
0599	3.66	8.71	7.0	1.50	2.00	.50	1,500	N	10	300	2.0	15	150	50	70
0600	3.43	8.44	7.0	1.50	1.50	.30	1,000	N	V	200	2.0	15	150	50	70
0601	3.25	8.90	7.0	1.50	2.00	.50	1,000	N	V	300	2.0	15	150	30	70
0602	.10	9.48	7.0	1.50	1.50	.70	1,000	N	<10	300	1.5	15	100	15	70
0603	1.65	8.01	7.0	1.50	2.00	.70	1,500	N	<10	300	2.0	15	150	20	70
0604	1.22	8.10	5.0	1.00	2.00	.50	1,000	N	<10	300	2.0	15	150	20	70
0605	.65	8.38	7.0	2.00	3.00	.30	1,500	N	10	500	2.0	15	200	30	50
0606	-.16	9.02	5.0	1.50	1.50	.30	1,000	N	10	300	2.0	15	70	30	50
0607	-.52	8.87	5.0	1.00	1.00	.30	700	N	30	500	2.0	15	150	50	30
0608	-.82	8.70	5.0	1.00	.70	.30	500	N	50	700	2.0	15	150	50	50
0609	-1.04	8.27	5.0	1.50	1.50	.30	1,000	N	V	300	2.0	15	70	20	70
0610	-1.48	8.14	7.0	1.50	2.00	.50	1,000	N	N	300	2.0	20	70	15	50
0611	2.03	7.52	5.0	2.00	2.00	.50	1,000	N	N	300	2.0	15	200	30	50
0612	1.96	7.32	5.0	2.00	3.00	.30	1,000	N	10	700	3.0	20	300	70	70
0613	2.84	7.09	7.0	1.50	2.00	.30	700	N	10	700	2.0	15	100	50	50
0614	2.71	6.43	7.0	2.00	3.00	.50	1,500	N	<10	500	2.0	30	300	70	30
0615	2.77	6.22	7.0	3.00	3.00	>1.00	1,500	N	<10	300	1.0	30	500	70	100
0616	2.74	5.93	7.0	2.00	3.00	1.00	1,000	N	10	700	2.0	30	200	30	70
0617	2.71	5.60	7.0	1.50	3.00	.50	1,500	N	<10	700	2.0	30	200	50	50
0618	4.10	6.61	7.0	1.50	2.00	.30	700	N	20	700	2.0	15	150	70	70
0619	5.21	6.01	7.0	1.50	3.00	.30	1,000	N	<10	700	2.0	20	100	20	50
0620	5.58	6.28	7.0	3.00	3.00	.30	1,500	N	<10	500	2.0	30	700	70	30
0621	5.16	6.25	7.0	2.00	2.00	.70	1,500	N	10	700	2.0	30	300	50	70
0622	4.87	6.49	7.0	2.00	3.00	.70	1,500	N	<10	700	1.5	30	70	30	30
0623	4.37	6.37	7.0	2.00	2.00	.70	1,000	N	10	500	1.5	30	300	30	50
0624	4.68	6.97	7.0	1.50	3.00	.50	1,500	N	10	700	2.0	20	100	30	30
0625	5.82	6.59	7.0	1.50	3.00	.50	1,500	N	10	700	2.0	20	70	50	70
0626	5.57	6.76	7.0	1.50	3.00	.50	1,000	N	20	700	2.0	15	100	100	70
0627	6.22	6.97	7.0	2.00	2.00	.70	1,500	N	15	700	1.5	20	100	70	30
0628	4.89	7.33	7.0	3.00	3.00	.50	1,000	N	20	700	2.0	30	150	70	70

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	S-MO	S-NB	S-NI	S-PB	S-SC	S-SN	S-SR	S-V	S-Y	S-ZN	S-ZR	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZV-P
0055	N	10	50	30	30	N	300	200	30	N	300	<.02	30	25	65
0056	N	10	30	30	30	N	200	100	70	N	150	<.02	20	<25	60
0057	N	20	10	50	<5	N	300	50	15	N	200	<.02	10	25	65
0058	N	20	20	30	15	N	100	100	20	N	150	<.02	15	<25	60
0059	N	10	30	70	20	N	300	150	20	N	200	--	30	40	100
0060	N	<10	30	20	<5	N	200	150	30	N	200	<.02	20	<25	90
0061	N	<10	10	10	10	N	100	70	20	N	200	<.02	<10	<25	45
0591	10	N	30	30	20	N	100	100	150	N	150	<.02	15	20	75
0592	N	-N	20	20	30	N	N	150	150	N	1,000	<.02	15	15	65
0593	7	N	150	30	30	N	100	150	150	N	200	<.02	20	20	90
0594	10	N	30	20	30	N	100	150	150	N	200	<.10	10	15	110
0595	N	N	30	10	30	N	N	200	70	N	300	<.10	20	10	70
0596	N	N	30	10	30	N	N	150	100	N	300	<.02	10	15	70
0597	N	N	30	30	30	N	N	150	70	N	70	<.10	25	25	85
0598	N	N	30	30	30	N	100	150	50	N	70	<.04	25	25	80
0599	N	10	50	50	30	N	200	150	70	N	150	<.02	35	25	85
0600	N	N	70	30	30	N	150	150	70	N	100	<.02	35	25	85
0601	N	N	50	20	30	N	150	100	70	N	150	<.02	35	15	85
0602	N	10	30	10	30	N	150	150	150	N	150	<.02	10	10	60
0603	N	N	30	20	30	N	150	150	150	N	200	<.02	15	15	50
0604	N	10	30	20	30	N	150	150	100	N	300	<.02	20	15	45
0605	N	N	30	15	30	N	200	150	70	N	150	--	20	10	60
0606	N	N	30	10	20	N	150	100	70	N	150	<.02	15	10	65
0607	N	N	50	70	20	N	200	150	30	N	100	<.02	25	75	140
0608	N	N	70	50	20	N	200	200	30	N	70	<.04	30	20	120
0609	N	N	30	30	30	N	300	150	50	N	200	<.02	20	10	75
0610	N	N	30	10	30	N	200	150	50	N	150	<.02	10	10	45
0611	N	N	50	20	30	N	200	150	70	N	100	<.02	25	15	60
0612	N	N	70	50	30	N	300	150	70	N	150	<.02	40	20	80
0613	N	N	30	30	30	N	300	150	50	N	150	<.04	25	25	70
0614	N	N	70	30	50	N	500	200	70	N	100	<.02	25	15	55
0615	N	10	70	20	70	N	300	200	70	N	150	<.02	15	10	40
0616	N	N	70	30	50	N	300	200	70	N	150	<.04	10	10	50
0617	N	N	70	20	30	N	500	150	50	N	100	<.10	25	15	75
0618	N	N	50	100	30	N	300	150	50	N	150	<.02	45	65	100
0619	N	N	30	30	30	N	300	150	70	N	100	<.10	15	20	70
0620	N	N	70	30	30	N	300	150	70	N	150	<.10	45	15	55
0621	N	N	70	50	50	N	300	200	70	N	150	<.10	30	35	95
0622	N	N	20	20	50	N	500	200	70	N	100	<.04	15	15	65
0623	N	N	70	20	30	N	200	150	50	N	150	<.02	30	30	90
0624	N	N	30	50	30	N	300	150	150	N	150	<.02	25	20	75
0625	N	N	20	50	50	N	300	150	70	N	150	<.04	30	20	85
0626	N	N	20	70	30	N	300	150	50	N	200	<.02	120	35	95
0627	N	N	30	70	70	N	200	150	30	N	100	<.02	30	40	80
0628	N	N	50	70	30	N	300	150	50	N	150	<.02	60	25	85

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	AA-AG-P
0055	.2
0056	.2
0057	.2
0058	.2
0059	.2
0060	<.2
0061	<.2
0591	<.2
0592	<.2
0593	<.2
0594	<.2
0595	<.2
0596	<.2
0597	<.2
0598	<.2
0599	<.2
0600	<.2
0601	<.2
0602	<.2
0603	<.2
0604	<.2
0605	<.2
0606	<.2
0607	<.2
0608	<.2
0609	<.2
0610	<.2
0611	<.2
0612	<.2
0613	<.2
0614	<.2
0615	<.2
0616	<.2
0617	<.2
0618	<.2
0619	<.2
0620	<.2
0621	<.2
0622	<.2
0623	<.2
0624	<.2
0625	<.2
0626	<.2
0627	<.2
0628	<.2

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	X-COORD.	Y-COORD.	S-FEX	S-MGX	S-CA%	S-TIX	S-MN	S-AG	S-3	S-BA	S-BE	S-CO	S-CR	S-UJ	S-LA
0629	5.92	7.61	7.0	2.00	2.00	.70	1,500	N	1J	700	2.0	30	150	100	70
0630	5.36	7.65	10.0	2.00	3.00	.70	1,500	N	2J	700	2.0	30	70	70	70
0631	4.64	7.72	7.0	1.50	1.50	1.00	1,500	N	2J	500	1.5	20	100	50	70
0632	4.46	7.86	10.0	2.00	3.00	1.00	1,500	N	10	500	1.5	30	150	50	50
0633	4.35	8.17	7.0	3.00	3.00	1.00	1,500	N	1J	500	2.0	30	700	50	70
0634	-2.62	12.89	7.0	1.50	2.00	.30	1,000	N	15	1,000	2.0	15	70	30	50
0635	-2.12	13.97	7.0	2.00	3.00	.50	1,500	N	<1J	700	1.5	20	100	50	50
0636	-2.08	13.32	7.0	1.50	3.00	.50	1,500	N	<1J	700	2.0	20	150	50	50
0637	-2.72	12.65	5.0	1.50	.70	.50	1,000	N	5J	1,000	3.0	15	70	30	50
0638	-2.66	11.31	10.0	3.00	3.00	1.00	2,000	N	<1J	700	2.0	30	100	30	50
0639	-2.52	10.92	7.0	1.50	2.00	.30	1,500	N	<1J	700	1.5	20	70	20	30
0640	-3.31	11.45	5.0	1.50	1.50	.30	1,000	N	3J	700	2.0	15	100	50	50

0641	-2.11	12.15	7.0	1.50	3.00	.30	1,500	N	<13	700	2.0	20	100	20	50
0642	-2.06	11.75	7.0	1.50	3.00	.50	1,500	N	<13	700	1.5	20	100	30	50
0643	-2.08	11.45	7.0	2.00	3.00	.50	1,500	N	<13	700	2.0	30	150	30	30
0644	-1.16	11.76	7.0	2.00	3.00	.50	1,500	N	<13	700	3.0	20	70	70	N
0645	-1.72	12.58	10.0	2.00	3.00	.50	1,500	N	<13	700	3.0	20	150	70	70
0646	-1.11	12.47	10.0	1.50	3.00	1.00	1,500	N	<13	500	3.0	30	150	30	50
0647	-1.52	11.22	7.0	1.50	3.00	.50	700	N	<13	700	3.0	30	100	30	30
0648	-1.00	11.02	7.0	1.50	3.00	.50	1,000	N	<13	700	3.0	15	100	30	30
0649	-.30	11.08	15.0	3.00	3.00	1.00	1,500	N	<13	700	1.5	50	30	70	30
0650	-.31	12.59	7.0	3.00	3.00	1.00	2,000	N	<13	500	3.0	30	70	50	30
0651	-.23	12.28	10.0	3.00	3.00	>1.00	3,000	N	<13	700	3.0	30	100	50	30
0652	.41	12.51	15.0	3.00	3.00	>1.00	3,000	N	<13	700	3.0	50	100	30	30
0653	.12	11.57	3.0	1.00	1.00	.20	3,000	N	13	300	7.0	5	70	20	30
0654	.84	11.49	7.0	5.00	3.00	.20	700	N	13	300	1.0	50	1,500	70	30
0655	1.02	11.95	7.0	3.00	5.00	.30	1,500	N	<13	300	3.0	30	1,000	50	30
0656	1.35	10.81	7.0	1.50	2.00	.30	1,000	N	<13	300	3.0	20	100	70	20
0657	1.34	11.37	7.0	1.50	2.00	.30	1,500	N	15	700	2.0	15	500	50	50
0658	1.60	12.17	7.0	3.00	3.00	.30	1,500	N	<13	500	3.0	30	1,000	50	70
0659	-.94	13.05	7.0	1.50	3.00	1.00	1,500	N	<13	700	3.0	30	50	70	70
0660	.91	13.36	10.0	1.50	3.00	.70	1,500	N	<13	700	2.0	30	100	70	70
0661	.45	13.56	7.0	1.50	2.00	1.00	1,500	N	<13	500	2.0	30	70	50	50
0662	.10	13.87	10.0	2.00	3.00	.70	1,500	N	<13	500	2.0	50	200	30	30
0663	-.58	13.43	7.0	1.50	3.00	.50	3,000	N	<13	700	2.0	30	100	20	4
0664	-.86	13.74	7.0	1.50	3.00	.50	1,500	N	<13	700	2.0	30	150	50	N
0665	1.81	12.59	10.0	2.00	3.00	.30	1,500	N	<13	300	2.0	50	500	70	50
0666	2.00	12.41	7.0	1.50	3.00	.30	1,500	N	<13	700	5.0	15	150	50	100
0667	1.88	11.78	7.0	1.50	3.00	.20	1,500	N	<13	700	3.0	15	200	30	50
0668	2.24	11.69	7.0	1.50	2.00	.30	1,000	N	<13	500	2.0	15	70	30	100
0669	2.29	11.90	7.0	1.00	1.50	.50	1,000	N	<13	700	2.0	15	50	20	100
0670	2.32	12.19	7.0	.70	1.00	.30	1,000	N	V	700	3.0	10	30	30	100
0671	2.43	12.51	5.0	.70	1.00	.20	1,000	N	V	300	3.0	5	20	10	150
0672	2.71	12.67	7.0	1.50	1.50	.30	1,500	N	N	700	3.0	15	100	20	70
0673	2.31	12.84	5.0	.70	1.00	.20	700	N	N	300	3.0	5	30	20	150

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	S-MO.	S-NB	S-NI	S-PB	S-SC	S-SN	S-SR	S-V	S-Y	S-ZN	S-ZR	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZV-P
0629	N	N	50	70	30	N	300	150	50	N	150	<.04	85	30	120
0630	N	N	30	70	30	N	200	150	70	N	150	<.02	60	45	100
0631	N	N	30	50	30	N	200	100	70	N	150	<.02	40	55	100
0632	N	N	50	50	50	N	200	200	70	N	100	<.02	35	40	85
0633	N	N	150	50	50	N	200	150	70	N	150	<.02	20	30	85
0634	N	N	30	70	20	N	500	100	30	N	100	<.02	15	35	70
0635	N	N	20	20	30	N	500	150	30	N	100	<.10	30	20	75
0636	N	N	30	30	30	N	300	150	50	N	200	<.02	15	15	55
0637	N	N	20	30	15	N	200	70	50	N	200	<.02	10	15	50
0638	N	N	30	15	50	N	300	200	70	N	150	<.02	10	5	35
0639	N	N	20	50	30	N	300	100	30	N	150	<.10	10	20	45
0640	N	N	30	15	30	N	300	100	30	N	200	<.02	10	10	45
0641	N	N	30	15	30	N	500	150	30	N	150	<.10	10	10	50
0642	N	N	30	20	30	N	300	200	30	N	150	<.10	10	10	55
0643	N	N	30	10	50	N	300	200	50	N	100	<.04	15	5	50
0644	N	N	30	15	30	N	200	150	70	N	150	<.04	20	5	70
0645	N	10	30	20	30	N	300	200	50	<200	150	<.04	25	15	85
0646	N	10	30	10	50	N	300	200	70	<200	150	<.02	15	5	50
0647	N	N	30	20	30	N	300	200	70	<200	150	--	15	5	85
0648	N	N	30	20	30	N	300	150	50	N	200	<.02	15	10	60
0649	N	N	15	10	70	N	500	500	50	N	100	<.02	35	5	40
0650	N	N	30	20	50	N	300	100	70	N	200	<.02	20	10	60
0651	N	N	50	30	50	N	300	100	70	N	150	<.02	10	15	75
0652	N	N	30	15	70	N	300	150	70	N	150	<.02	10	10	45
0653	N	N	15	50	15	N	N	70	70	N	300	<.02	15	15	25
0654	N	N	200	20	30	N	500	300	30	N	70	<.02	50	10	35
0655	N	10	150	10	50	N	300	200	30	N	70	<.02	40	5	35
0656	N	10	30	30	30	10	300	300	50	N	70	<.02	30	10	75
0657	N	N	70	50	20	N	200	150	50	N	100	<.02	30	20	80
0658	15	N	100	30	30	N	300	200	70	N	100	<.10	20	10	75
0659	N	N	20	30	30	N	300	150	70	N	150	<.02	15	15	80
0660	N	N	30	30	30	N	300	150	70	N	150	<.02	20	15	65
0661	N	N	30	10	30	N	300	150	50	N	150	<.02	20	10	80
0662	N	N	70	10	30	N	300	200	70	N	200	<.02	15	10	55
0663	N	N	30	20	30	N	300	200	30	N	70	<.04	15	10	60
0664	N	N	50	30	30	N	300	200	150	N	70	<.04	30	15	85
0665	N	N	70	20	30	N	500	200	70	N	70	<.02	35	10	65
0666	N	N	30	70	30	N	200	100	100	N	300	<.04	10	10	65
0667	N	N	50	20	30	N	300	100	70	N	100	<.02	15	10	60
0668	N	N	30	20	30	N	200	150	100	N	150	<.04	5	10	45
0669	N	N	20	10	30	N	100	100	150	N	300	<.02	5	5	35
0670	N	N	10	30	15	N	100	70	70	N	200	<.10	10	10	85
0671	N	N	5	30	15	N	100	70	70	N	300	<.02	5	10	75
0672	N	N	15	20	20	N	100	100	70	N	500	<.02	5	10	65
0673	N	N	5	20	15	N	N	50	100	N	700	<.02	5	10	55

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample AA-AG-P

0629	<.2
0630	<.2
0631	<.2
0632	<.2
0633	<.2
0634	<.2
0635	<.2
0636	<.2
0637	<.2
0638	<.2
0639	<.2
0640	<.2
0641	<.2
0642	<.2
0643	<.2
0644	<.2
0645	<.2
0646	<.2
0647	<.2
0648	<.2
0649	<.2
0650	<.2
0651	<.2
0652	<.2
0653	<.2
0654	<.2
0655	<.2
0656	<.2
0657	<.2
0658	<.2
0659	<.2
0660	<.2
0661	<.2
0662	<.2
0663	<.2
0664	<.2
0665	<.2
0666	<.2
0667	<.2
0668	<.2
0669	<.2
0670	<.2
0671	<.2
0672	<.2
0673	<.2

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	X-COORD.	Y-COORD.	S-FEX	S-MGX	S-CAZ	S-TI%	S-MN	S-AG	S-3	S-BA	S-BE	S-CO	S-CR	S-CJ	S-LA
0674	2.28	13.19	7.0	.70	1.50	.30	1,000	N	<10	500	5.0	10	70	10	150
0675	-1.41	14.36	7.0	.70	3.00	.30	1,500	.5	<10	700	3.0	30	70	70	70
0676	-76	14.28	10.0	1.50	3.00	.50	1,500	N	<10	700	1.5	30	150	70	50
0677	-63	13.97	7.0	1.50	3.00	.70	1,500	N	<10	500	3.0	30	100	50	70
0678	-41	14.53	7.0	2.00	3.00	.70	2,000	N	<10	500	3.0	30	150	50	50
0679	.93	14.40	7.0	2.00	3.00	.50	1,500	N	<10	300	3.0	30	150	70	70
0680	1.01	14.23	7.0	2.00	3.00	1.00	2,000	N	<10	500	3.0	30	70	70	70
0681	1.51	14.15	7.0	2.00	2.00	.50	1,500	N	<10	500	3.0	15	70	70	100
0682	1.76	14.47	7.0	1.50	3.00	.70	1,500	N	<10	700	3.0	30	150	70	150
0683	1.79	13.98	7.0	1.50	3.00	.50	2,000	N	<10	500	3.0	30	70	70	70
0684	.97	15.48	7.0	2.00	3.00	.50	2,000	N	<10	700	3.0	30	150	70	70
0685	.50	15.73	7.0	1.50	3.00	.70	2,000	N	<10	700	3.0	10	150	70	30
0686	.67	14.84	7.0	2.00	3.00	.30	1,500	N	<10	300	1.0	30	150	50	30
0687	.07	14.80	7.0	2.00	3.00	.70	1,500	N	<10	300	3.0	30	150	70	50
0688	.37	15.02	7.0	2.00	2.00	.50	1,500	N	<10	300	3.0	30	100	50	50
0689	-.54	14.75	7.0	1.50	3.00	.50	1,500	N	<10	700	3.0	30	150	70	50
0690	-.32	15.00	7.0	2.00	2.00	.50	1,500	N	<10	700	3.0	20	70	50	30
0691	-1.10	14.69	7.0	1.50	3.00	.30	1,500	N	<10	700	2.0	30	100	50	70
0692	2.47	15.40	15.0	1.50	3.00	.70	2,000	N	<10	500	1.0	50	70	70	70
0693	1.03	15.89	7.0	1.50	3.00	.50	1,500	N	<10	700	2.0	30	100	70	20
0694	-.66	15.73	10.0	1.50	2.00	.70	3,000	N	<10	700	3.0	30	50	50	70
0695	-1.79	14.66	7.0	2.00	3.00	.30	1,500	N	<10	700	2.0	30	150	70	70
0696	-1.91	14.91	7.0	2.00	3.00	.50	1,500	N	<10	700	2.0	30	70	70	70
0697	-1.78	15.21	10.0	2.00	3.00	1.00	2,000	N	<10	700	1.0	50	150	70	70
0698	-1.83	15.53	10.0	1.50	3.00	1.00	1,500	N	<10	700	2.0	30	70	50	70
0699	-1.32	15.67	10.0	1.50	3.00	1.00	3,000	N	<10	700	3.0	20	70	70	70
0700	-2.14	16.89	10.0	1.50	2.00	.50	2,000	N	10	700	2.0	20	150	70	50
0701	-1.89	16.59	7.0	1.50	2.00	.50	1,500	N	10	700	3.0	20	200	70	50
0702	-2.29	16.52	7.0	1.50	3.00	.70	1,500	N	<10	700	2.0	20	200	30	50
0703	-2.59	15.71	10.0	2.00	3.00	.70	2,000	N	10	700	1.0	15	100	70	20
0704	-2.76	15.42	10.0	2.00	3.00	.70	1,500	N	<10	700	1.0	20	100	70	20
0705	-3.26	15.63	7.0	1.50	3.00	1.00	1,500	N	15	700	2.0	20	100	50	30
0706	-3.19	15.20	7.0	1.50	3.00	1.00	2,000	N	10	700	2.0	20	100	50	20
0707	-2.68	15.07	7.0	1.50	1.50	.70	1,500	N	20	500	1.0	15	70	70	N
0708	-2.89	14.31	2.0	1.00	.30	.30	700	N	15	700	1.0	N	15	50	20
0709	-2.74	14.09	.7	.20	.30	.15	150	N	10	300	<1.0	N	N	30	30
0710	-3.33	13.75	1.5	.50	.30	.30	300	N	30	500	1.5	5	30	20	20
0711	-3.49	14.11	7.0	1.50	.50	.30	1,500	N	100	700	2.0	10	100	50	20
0712	-3.08	14.82	3.0	1.00	.50	.30	700	N	50	1,000	2.0	5	50	30	20
0713	-3.61	14.83	7.0	2.00	2.00	.30	1,500	N	20	700	2.0	30	200	50	70
0714	-3.03	11.73	7.0	2.00	2.00	.30	2,000	N	20	1,000	2.0	15	150	70	30
0715	-2.69	13.21	1.5	.70	.50	.20	500	N	50	500	<1.0	N	10	20	N
0716	-4.36	14.19	7.0	2.00	2.00	.30	2,000	N	10	700	2.0	20	70	50	100
0717	-3.92	13.37	7.0	2.00	3.00	1.00	2,000	N	<10	700	2.0	20	70	30	30
0718	-2.92	12.19	7.0	1.50	1.00	.50	700	N	50	700	2.0	15	70	30	70

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	S-MO	S-NR	S-NI	S-PB	S-SC	S-SN	S-SR	S-V	S-Y	S-ZN	S-ZR	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P
0674	N	20	10	50	20	N	N	70	150	N	1,000	<.10	5	10	85
0675	N	10	30	50	30	N	500	200	30	N	150	<.02	15	15	85
0676	N	10	50	20	30	N	300	300	30	N	100	<.10	25	10	90
0677	N	N	50	20	50	N	300	200	70	N	150	<.02	10	10	40
0678	N	N	50	20	30	V	300	150	70	N	150	<.02	10	5	65
0679	N	N	50	20	30	N	150	150	70	N	150	<.02	20	10	60
0680	N	10	30	15	50	N	200	200	70	N	150	<.02	10	5	60
0681	N	10	30	15	30	N	200	150	70	N	150	<.02	15	10	80
0682	N	20	30	50	30	N	200	150	100	N	700	<.02	20	15	90
0683	N	N	30	10	30	N	200	150	70	N	200	<.02	15	5	55
0684	N	N	30	30	30	N	300	200	70	N	150	<.02	15	15	85
0685	N	N	30	10	20	N	150	150	50	N	700	<.10	10	5	45
0686	N	10	50	10	30	N	300	200	50	N	150	<.02	10	5	40
0687	N	15	30	20	50	N	300	300	70	N	100	<.02	25	10	50
0688	N	20	30	10	30	N	300	150	70	N	150	<.02	10	<5	20
0689	N	N	50	20	50	N	300	150	70	N	150	<.02	15	10	65
0690	N	N	30	20	30	N	300	150	100	N	300	<.02	10	5	50
0691	N	N	30	20	30	N	300	150	30	N	100	<.04	20	10	70
0692	N	N	20	15	50	N	300	300	70	N	100	<.04	35	10	70
0693	N	N	30	30	30	N	300	200	100	N	150	<.04	20	10	80
0694	N	20	20	70	30	N	200	150	70	N	300	<.10	15	15	85
0695	N	N	50	50	30	N	500	200	30	N	150	<.04	35	10	75
0696	N	N	70	30	30	N	700	300	50	N	150	<.04	35	10	70
0697	N	20	100	10	50	N	200	300	70	N	300	<.10	15	15	80
0698	N	20	70	20	50	N	200	200	100	N	1,000	<.10	5	10	50
0699	N	N	20	20	30	N	200	100	70	N	700	<.02	10	15	75
0700	N	N	30	30	30	N	300	150	50	N	150	<.10	20	20	70
0701	N	N	50	30	30	N	300	150	70	200	150	--	15	15	100
0702	N	N	50	30	30	N	300	150	70	N	150	<.02	10	5	65
0703	N	N	30	10	30	N	300	150	30	N	150	<.10	15	10	50
0704	N	N	30	10	30	N	300	150	30	N	200	<.02	20	10	45
0705	N	N	50	30	30	N	300	150	30	N	150	<.02	15	15	65
0706	N	N	50	30	30	N	300	150	50	N	200	<.02	15	15	70
0707	N	N	30	10	15	N	N	150	20	N	150	<.04	15	10	40
0708	N	N	10	N	5	N	N	50	15	N	300	<.02	5	5	20
0709	N	N	5	N	5	N	N	15	15	N	300	<.02	5	<5	10
0710	N	N	15	N	7	N	N	50	10	N	500	<.02	5	10	25
0711	N	N	30	10	15	N	N	150	20	N	300	<.02	10	5	55
0712	N	N	20	10	10	N	150	70	15	N	200	<.02	5	5	25
0713	N	N	50	30	20	N	200	150	30	N	200	<.02	15	15	55
0714	N	N	30	50	15	N	200	150	30	N	150	<.02	30	10	70
0715	N	N	10	10	5	N	N	30	15	N	200	<.02	5	5	15
0716	N	N	50	30	20	N	200	150	30	N	150	<.02	20	<50	50
0717	N	N	30	30	50	N	500	150	50	N	150	<.02	5	10	20
0718	N	N	30	20	15	N	150	150	30	N	300	<.02	10	15	45

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample AA-AG-P

0674	<.2
0675	<.2
0676	<.2
0677	.2
0678	<.2
0679	.2
0680	<.2
0681	<.2
0682	<.2
0683	<.2
0684	<.2
0685	<.2
0686	<.2
0687	<.2
0688	<.2
0689	<.2
0690	<.2
0691	<.2
0692	<.2
0693	<.2
0694	<.2
0695	<.2
0696	<.2
0697	<.2
0698	<.2
0699	<.2
0700	<.2
0701	<.2
0702	<.2
0703	<.2
0704	<.2
0705	<.2
0706	<.2
0707	<.2
0708	<.2
0709	<.2
0710	<.2
0711	<.2
0712	<.2
0713	<.2
0714	<.2
0715	<.2
0716	--
0717	<.2
0718	<.2

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	X-COORD.	Y-COORD.	S-FEZ	S-MGZ	S-CAZ	S-TIZ	S-MN	S-AG	S-3	S-BA	S-BE	S-CO	S-CR	S-CJ	S-LA
0719	-2.89	9.63	7.0	1.50	2.00	.30	1,500	N	10	700	2.0	15	70	30	50
0720	-2.08	7.67	5.0	1.00	2.00	.30	1,000	N	20	700	1.5	10	30	30	V
0721	-1.98	9.12	7.0	1.50	3.00	.50	2,000	N	<10	700	2.0	20	150	50	50
0722	-1.78	9.42	7.0	2.00	5.00	.50	1,500	N	<10	300	3.0	30	100	50	30
0723	-2.38	10.20	7.0	1.50	3.00	.50	1,000	N	<10	700	2.0	15	150	50	N
0724	-3.44	11.91	7.0	1.50	2.00	.30	2,000	N	10	700	2.0	30	150	70	70
0725	-3.15	10.69	7.0	1.50	2.00	.30	1,500	N	20	700	2.0	15	70	50	70
0726	-3.18	9.29	7.0	1.50	3.00	.70	1,500	N	<10	500	1.5	30	150	30	50
0727	-4.87	8.69	5.0	1.50	.30	.50	700	N	50	700	3.0	15	70	30	70
0728	-3.13	8.81	7.0	1.50	3.00	.70	1,500	N	30	700	2.0	20	70	70	50
0729	-2.33	8.68	7.0	1.00	3.00	.50	1,500	N	10	700	2.0	20	100	20	50
0730	-3.85	7.59	1.5	.70	.30	.30	500	N	70	500	1.5	<5	20	50	30
0731	-4.04	7.93	2.0	1.50	.70	.50	1,000	N	50	700	1.5	5	100	20	50
0732	-4.50	8.01	7.0	1.50	3.00	.70	1,000	N	10	700	2.0	20	150	30	50
0733	-4.44	7.63	7.0	2.00	3.00	.70	1,500	N	20	700	3.0	30	150	50	50
0734	-4.94	7.31	7.0	1.50	3.00	1.00	1,500	N	10	300	3.0	30	150	30	30
0735	-4.46	6.78	5.0	1.50	2.00	.50	1,500	N	30	700	3.0	15	100	30	50
0736	-4.87	6.03	7.0	1.50	3.00	.70	1,500	N	20	700	2.0	70	70	50	50
0737	-4.79	5.79	7.0	1.50	3.00	.70	1,500	N	10	700	2.0	15	70	30	50
0738	-5.24	5.43	7.0	2.00	3.00	1.00	1,500	N	<10	700	3.0	30	200	70	70
0739	-4.21	7.22	5.0	1.50	2.00	.50	1,000	N	20	700	2.0	15	100	15	50
0740	-4.34	6.08	7.0	2.00	3.00	1.00	1,500	N	10	700	2.0	30	150	70	70
0741	-3.15	6.65	7.0	1.50	3.00	.70	1,500	N	30	700	3.0	10	150	30	70
0742	-2.92	6.99	3.0	1.50	.30	.30	500	N	70	700	3.0	10	70	20	70
0743	-2.46	7.29	3.0	1.00	.50	.30	700	N	50	700	2.0	5	150	15	20
0744	-4.39	5.09	3.0	1.00	.70	.30	1,500	N	20	700	2.0	10	70	30	70
0745	-3.21	6.21	3.0	1.50	.70	.30	1,000	N	30	700	2.0	5	70	30	50
0746	-3.28	4.87	5.0	.70	1.00	.30	1,500	N	<10	500	2.0	10	50	15	20
0747	-3.43	5.16	7.0	1.50	3.00	1.00	1,000	N	20	700	2.0	20	70	30	100
0748	-5.36	4.64	2.0	1.00	.30	.50	700	N	50	700	1.5	5	50	10	20
0749	-5.24	4.24	7.0	1.50	3.00	1.00	2,000	N	30	700	2.0	20	150	30	20
0750	-4.66	4.64	5.0	1.00	2.00	.70	1,500	N	20	700	2.0	15	70	30	50
0751	-4.49	4.32	5.0	1.50	1.00	.30	1,500	N	30	700	3.0	15	150	70	70
0752	-4.40	4.04	7.0	1.50	3.00	.70	1,500	N	20	700	1.5	15	70	50	N
0753	-3.80	3.96	7.0	1.50	3.00	.50	1,500	N	10	700	2.0	20	300	70	20
0754	-2.63	3.42	7.0	1.50	3.00	.30	1,500	N	10	700	2.0	15	70	70	50
0755	-4.04	3.27	7.0	1.50	3.00	.50	1,500	N	20	1,000	2.0	15	150	30	70
0756	-3.79	3.03	10.0	1.50	3.00	.70	1,500	N	20	700	1.5	20	200	30	30
0757	-3.86	2.43	7.0	1.50	3.00	.50	1,500	N	20	700	1.5	15	100	30	N
0758	-2.94	1.65	7.0	1.50	3.00	.30	1,500	N	10	1,000	2.0	15	70	30	70
0759	-4.58	1.64	7.0	1.50	2.00	1.00	1,500	N	20	700	1.5	15	100	30	50
0760	-4.68	2.06	7.0	1.00	3.00	.30	1,500	N	20	700	2.0	15	70	50	30
0761	-4.48	2.84	7.0	1.50	3.00	.30	1,000	N	20	700	2.0	15	150	30	50
0762	-4.32	3.55	7.0	1.50	3.00	1.00	1,500	N	15	500	2.0	15	70	30	50
0763	-4.65	3.37	3.0	.70	1.00	.30	700	N	30	500	2.0	10	100	30	70

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	S-MO	S-NB	S-NI	S-PB	S-SC	S-SN	S-SR	S-V	S-Y	S-ZN	S-ZR	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZV-P
0719	N	N	30	10	30	N	300	150	30	N	150	<.02	10	10	30
0720	N	N	20	10	20	N	300	100	30	N	150	<.10	5	10	25
0721	N	N	50	20	30	N	300	150	50	N	100	<.10	15	15	75
0722	N	N	30	10	50	N	300	300	50	N	100	<.02	5	<5	20
0723	N	N	30	10	30	N	300	100	30	N	100	<.02	5	<5	10
0724	N	N	50	30	30	N	300	150	30	N	150	<.10	30	15	75
0725	N	N	30	30	20	N	300	150	30	N	200	<.02	15	10	45
0726	N	N	50	10	30	N	300	200	30	N	200	--	10	5	35
0727	N	N	30	30	15	N	100	70	50	N	200	<.02	10	10	50
0728	N	N	30	30	30	N	300	150	50	N	200	<.04	10	<5	35
0729	N	N	30	10	20	N	300	150	50	N	70	<.10	10	5	45
0730	N	N	10	10	<5	N	100	30	20	N	300	<.02	5	5	15
0731	N	N	15	10	15	N	100	70	30	N	300	<.02	5	15	20
0732	N	N	30	20	30	N	300	100	50	N	150	<.02	10	10	40
0733	N	N	70	30	30	N	300	150	70	N	300	<.10	20	10	60
0734	N	N	50	20	30	N	300	150	70	N	200	<.10	10	5	45
0735	N	N	30	30	20	N	200	70	50	N	200	<.04	10	5	45
0736	N	N	30	15	30	N	300	150	70	N	300	<.02	20	15	65
0737	N	N	10	30	50	N	300	150	70	N	150	<.02	15	15	80
0738	N	10	70	20	30	N	300	150	150	N	300	<.02	20	10	75
0739	N	N	30	10	20	N	200	150	50	N	200	<.02	10	10	50
0740	N	N	30	30	30	N	300	200	70	N	100	--	25	15	120
0741	N	N	30	20	20	N	200	100	70	N	500	<.02	10	5	40
0742	N	N	30	30	15	N	200	70	30	N	300	<.02	10	10	45
0743	N	N	20	N	15	N	150	70	20	N	300	<.02	10	10	35
0744	N	N	20	15	15	N	150	70	50	N	300	<.10	15	10	45
0745	N	N	20	N	15	N	100	70	30	N	300	<.02	10	5	35
0746	N	N	15	15	20	N	150	70	30	N	150	<.04	15	15	100
0747	N	N	20	20	30	N	300	150	100	N	150	<.02	10	10	40
0748	N	N	15	<10	7	N	N	70	30	N	300	<.02	5	5	20
0749	N	N	30	20	30	N	100	150	70	N	200	<.02	15	5	40
0750	N	10	20	<10	20	N	200	100	70	N	200	<.10	15	5	30
0751	N	N	30	50	15	N	200	70	70	N	150	<.04	10	<5	50
0752	N	N	30	30	30	N	300	150	70	N	200	<.02	15	10	45
0753	N	N	50	30	30	N	500	150	50	N	200	<.02	30	5	30
0754	N	N	30	30	30	N	300	150	70	N	150	<.02	15	5	45
0755	N	N	30	30	20	N	300	150	50	N	150	<.04	20	15	65
0756	N	N	30	30	30	N	300	150	50	N	300	<.02	15	10	40
0757	N	N	30	20	30	N	200	150	70	N	150	<.02	15	10	55
0758	N	N	20	30	20	N	200	150	70	N	150	<.02	20	15	60
0759	N	N	30	10	30	N	N	150	70	N	300	<.10	15	10	50
0760	N	N	15	10	30	N	300	150	30	N	150	<.02	10	<5	20
0761	N	N	30	15	30	N	300	150	50	N	100	<.10	15	15	50
0762	N	10	20	N	30	N	200	150	70	N	300	<.02	10	10	40
0763	N	N	15	10	15	N	150	70	30	N	200	<.02	10	10	35

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample AA-AG-P

0719	<.2
0720	<.2
0721	<.2
0722	<.2
0723	<.2
0724	<.2
0725	<.2
0726	<.2
0727	<.2
0728	<.2
0729	<.2
0730	<.2
0731	<.2
0732	<.2
0733	<.2
0734	<.2
0735	<.2
0736	<.2
0737	<.2
0738	<.2
0739	<.2
0740	<.2
0741	<.2
0742	<.2
0743	<.2
0744	<.2
0745	<.2
0746	<.2
0747	<.2
0748	<.2
0749	<.2
0750	<.2
0751	<.2
0752	<.2
0753	<.2
0754	<.2
0755	<.2
0756	<.2
0757	<.2
0758	<.2
0759	<.2
0760	<.2
0761	<.2
0762	<.2
0763	<.2

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	X-COORD.	Y-COORD.	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-3	S-BA	S-BE	S-CO	S-CR	S-CJ	S-LA
0764	-4.86	3.81	5.0	1.00	.50	.30	300	N	70	700	3.0	5	30	20	70
0765	-5.18	.26	7.0	1.50	2.00	.70	1,000	N	30	700	2.0	15	70	30	70
0766	-6.09	.11	5.0	1.50	2.00	.50	1,500	N	20	700	2.0	10	70	30	70
0767	-6.12	1.05	5.0	1.00	1.50	.50	1,000	N	20	500	2.0	10	50	30	20
0768	-6.87	2.11	7.0	1.00	2.00	.30	1,500	N	20	700	3.0	10	50	50	20
0769	-6.50	2.29	7.0	1.00	2.00	.30	1,000	N	15	700	2.0	15	50	20	70
0770	-6.31	3.31	5.0	.70	1.00	.30	700	N	15	700	2.0	15	50	30	70
0771	-6.60	4.05	7.0	.70	2.00	.50	1,000	N	10	700	2.0	15	70	15	30
0772	-.57	2.01	10.0	2.00	3.00	1.00	3,000	N	<10	300	1.0	20	200	30	.V
0234	10.55	16.71	7.0	1.50	3.00	.50	1,000	N	<10	700	3.0	30	70	30	70
0235	11.98	18.27	7.0	2.00	2.00	.30	1,500	N	<10	700	3.0	30	200	70	100
0236	11.14	18.70	7.0	2.00	3.00	1.00	1,500	N	<10	700	3.0	20	200	15	150
0237	11.13	18.35	7.0	1.50	3.00	.70	1,500	N	<10	700	3.0	15	100	15	70
0238	12.16	14.82	7.0	2.00	3.00	.50	1,500	N	<10	700	3.0	20	300	50	70
0239	12.74	14.43	7.0	1.50	2.00	.30	1,500	N	<10	700	3.0	15	200	50	70
0240	12.47	13.32	7.0	1.50	3.00	.70	2,000	N	<10	700	2.0	30	100	50	70
0241	9.21	10.06	10.0	3.00	3.00	.50	2,000	N	<10	1,500	2.0	30	300	20	70
0242	9.50	10.43	10.0	3.00	3.00	.70	2,000	N	<10	700	2.0	30	300	50	30
0243	7.57	10.33	7.0	2.00	3.00	.50	1,500	N	<10	700	1.5	30	300	30	70
0244	8.06	10.02	7.0	2.00	3.00	.70	1,500	N	<10	700	2.0	30	150	50	70
0245	8.62	9.84	7.0	1.50	3.00	.70	1,500	N	<10	1,000	3.0	30	150	50	50
0246	10.93	11.37	10.0	3.00	3.00	.70	2,000	N	<10	700	1.0	30	300	20	50
0247	9.04	1.78	7.0	3.00	3.00	.70	1,500	N	<10	700	2.0	30	500	70	30
0248	8.67	16.93	10.0	2.00	3.00	.70	2,000	N	<10	700	3.0	30	500	30	50
0249	15.52	18.04	7.0	2.00	3.00	.70	2,000	N	30	700	3.0	30	150	30	70
0250	14.50	17.11	7.0	1.50	2.00	.50	2,000	N	20	1,000	3.0	20	150	70	150
0251A	14.46	17.44	7.0	1.00	2.00	.50	1,500	N	20	700	3.0	15	70	30	150
0251B	14.55	17.75	7.0	1.50	3.00	1.00	3,000	N	10	500	1.0	30	150	70	150
0252	14.05	16.70	7.0	1.50	3.00	.70	3,000	N	<10	700	3.0	30	150	30	100
0253	14.00	16.86	7.0	1.50	3.00	.70	3,000	N	<10	700	3.0	15	100	50	150
0254	14.30	17.99	7.0	1.50	3.00	1.00	3,000	N	10	700	2.0	30	150	70	100
0255	12.09	13.06	7.0	1.50	3.00	1.00	1,500	N	<10	700	2.0	20	150	30	70
0256	11.96	12.47	7.0	1.50	3.00	1.00	2,000	N	.V	500	2.0	15	150	10	.V
0257	12.16	12.27	7.0	2.00	3.00	.70	2,000	N	<10	500	1.0	30	300	10	.V
0258	13.05	10.18	7.0	1.50	3.00	1.00	2,000	N	<10	300	2.0	30	150	15	50
0259	10.50	9.68	7.0	2.00	3.00	1.00	2,000	N	<10	700	2.0	30	300	30	70
0260	12.02	7.61	10.0	2.00	3.00	1.00	3,000	N	<10	700	2.0	50	200	30	70
0261	12.02	7.31	10.0	1.50	3.00	.70	1,500	N	<10	700	1.0	30	200	20	50
0262	8.77	15.13	7.0	1.50	3.00	.70	1,500	N	<10	700	3.0	15	50	30	30
0263	9.01	14.54	7.0	1.50	3.00	.70	1,500	N	<10	500	3.0	20	70	10	100
0264	8.00	15.24	7.0	1.00	2.00	.50	1,500	N	<10	700	3.0	10	50	20	100
0265	5.80	13.97	7.0	2.00	3.00	.70	3,000	N	<10	500	3.0	30	70	30	70
0266	5.76	13.67	7.0	1.50	.50	.30	1,500	N	<10	500	5.0	10	30	15	200
0267	5.96	13.46	7.0	1.50	3.00	.50	1,500	N	<10	700	3.0	20	100	30	50
0268	8.56	14.83	7.0	1.50	3.00	.70	2,000	N	<10	700	3.0	20	70	20	70

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	S-MO	S-NB	S-NI	S-PB	S-SC	S-SN	S-SR	S-V	S-Y	S-ZN	S-ZR	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZV-P
0764	N	N	15	10	15	N	110	70	30	N	300	<.02	10	15	30
0765	N	N	15	15	20	N	200	100	50	N	150	<.02	15	10	50
0766	N	N	15	20	20	N	210	70	50	N	200	<.02	10	10	40
0767	N	N	15	15	15	N	200	70	30	N	150	<.02	15	10	40
0768	N	N	15	20	15	N	200	100	50	N	300	<.02	15	10	50
0769	N	N	15	15	20	N	150	100	30	N	150	<.02	10	15	45
0770	N	N	20	20	15	N	200	100	30	N	200	<.02	10	15	45
0771	N	N	20	15	20	N	300	100	50	N	200	<.02	5	10	30
0772	N	N	30	10	50	N	300	150	70	N	70	<.04	15	5	50
0234	N	N	30	10	30	N	200	200	70	N	200	<.02	15	10	35
0235	N	N	50	50	30	N	200	200	70	300	150	<.02	40	20	140
0236	N	N	30	15	30	N	200	150	70	N	200	<.02	5	5	25
0237	N	N	30	10	30	N	200	150	70	N	300	<.02	10	5	25
0238	N	N	70	20	30	N	300	150	70	N	300	.08	15	10	40
0239	N	N	50	30	30	N	300	150	50	N	100	<.02	25	10	55
0240	N	10	30	15	30	N	300	200	70	N	150	<.02	15	5	40
0241	N	10	70	10	50	N	300	200	70	N	200	<.02	15	10	40
0242	N	N	70	30	50	N	300	200	70	N	300	<.02	15	15	45
0243	N	N	50	30	30	N	200	200	70	N	300	<.02	20	15	40
0244	N	10	50	30	50	N	200	150	70	N	300	<.02	20	15	40
0245	N	N	50	50	50	N	300	150	70	N	150	<.02	20	15	50
0246	N	N	70	10	70	N	300	300	70	N	300	<.02	10	5	25
0247	N	N	70	50	30	N	500	200	50	N	70	<.02	45	25	110
0248	N	N	50	10	30	N	100	200	150	N	>1,000	<.02	10	10	25
0249	N	N	50	30	30	N	300	300	70	N	300	<.02	15	15	65
0250	N	N	30	30	30	N	300	150	100	N	150	<.02	25	20	80
0251A	N	N	30	30	30	N	300	150	150	N	300	<.02	15	15	45
0251B	N	N	30	30	30	N	300	150	100	200	200	<.02	20	20	70
0252	N	N	30	20	30	N	200	150	100	N	200	<.02	15	15	70
0253	N	N	30	30	30	N	150	150	150	N	300	<.02	15	15	50
0254	N	N	30	30	30	N	200	150	70	N	150	<.02	20	20	65
0255	N	10	30	20	30	N	300	150	200	N	500	<.02	10	10	15
0256	N	N	30	N	30	N	200	150	70	N	700	<.02	10	10	30
0257	N	N	70	N	30	N	300	200	70	N	300	<.02	5	5	20
0258	N	N	30	N	50	N	300	200	100	N	300	<.02	10	<5	25
0259	N	N	30	10	30	N	200	300	150	N	300	<.02	15	10	35
0260	N	N	30	10	50	N	300	200	70	N	150	<.04	10	10	40
0261	N	N	30	10	50	N	300	200	70	N	150	<.02	10	5	25
0262	N	N	15	30	30	N	200	100	70	N	1,000	<.02	<5	5	25
0263	N	N	20	20	30	N	200	150	100	N	1,000	<.02	10	<5	40
0264	N	10	15	50	30	N	300	70	70	N	1,000	<.02	5	10	45
0265	N	10	30	30	30	N	100	150	150	N	700	<.10	15	20	90
0266	N	20	10	70	15	N	100	70	150	N	700	<.04	10	30	120
0267	N	N	30	50	30	N	300	150	50	N	150	<.02	20	10	70
0268	N	N	20	30	30	N	200	150	150	N	700	<.02	5	10	35

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample AA-AG-P

0764	<.2
0765	<.2
0766	<.2
0767	<.2
0768	<.2
0769	<.2
0770	<.2
0771	<.2
0772	<.2
0234	<.2
0235	<.2
0236	<.2
0237	<.2
0238	<.2
0239	<.2
0240	<.2
0241	<.2
0242	<.2
0243	<.2
0244	<.2
0245	<.2
0246	<.2
0247	<.2
0248	<.2
0249	<.2
0250	<.2
0251A	<.2
0251B	<.2
0252	<.2
0253	<.2
0254	<.2
0255	<.2
0256	<.2
0257	<.2
0258	<.2
0259	<.2
0260	<.2
0261	<.2
0262	<.2
0263	<.2
0264	<.2
0265	<.2
0266	<.2
0267	<.2
0268	<.2

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	X-COORD.	Y-COORD.	S-FEX	S-MGX	S-CA%	S-TIX	S-MN	S-AG	S-3	S-BA	S-BE	S-CO	S-CR	S-CJ	S-LA
0269	8.84	16.00	7.0	1.00	3.00	.50	1,500	N	N	700	3.0	5	20	30	50
0270	6.63	14.48	7.0	2.00	3.00	1.00	2,000	N	<10	700	2.0	50	200	20	70
0271	7.63	14.34	10.0	2.00	3.00	.50	1,500	N	<10	500	3.0	30	100	50	70
0272	12.60	19.46	7.0	1.50	3.00	.50	1,500	N	<10	700	3.0	30	100	30	70
0273	9.91	17.55	7.0	1.50	3.00	.50	3,000	N	<10	700	1.5	30	150	30	100
0274	7.53	.66	10.0	2.00	3.00	.30	5,000	N	<10	700	3.0	30	500	30	70
0275	7.30	.47	7.0	1.50	3.00	.50	1,500	N	10	700	2.0	30	500	70	70
0276	7.08	.70	7.0	2.00	3.00	.30	2,000	N	<10	700	3.0	30	300	70	70
0277	7.15	.18	7.0	1.50	2.00	.30	1,500	<.5	10	700	3.0	15	200	70	150
0278	6.95	.03	7.0	1.50	1.00	.50	1,500	<.5	20	700	3.0	20	200	70	70
0279	6.86	.18	7.0	2.00	3.00	.50	1,500	N	10	700	3.0	20	300	50	70
0280	6.58	1.01	7.0	2.00	3.00	.50	1,500	N	<10	700	2.0	30	300	50	70
0281	6.57	.27	7.0	2.00	3.00	1.00	1,500	N	<10	700	2.0	30	300	70	100
0282	6.52	.50	7.0	2.00	3.00	.50	1,500	N	<10	700	2.0	20	300	70	50
0283	6.34	.81	7.0	3.00	3.00	.50	1,500	N	<10	700	3.0	30	500	70	70
0284	6.44	1.30	7.0	2.00	3.00	.50	3,000	N	<10	700	1.5	30	300	70	70
0285	6.94	1.40	7.0	1.50	3.00	.50	2,000	N	<10	700	2.0	30	300	70	70
0286	8.82	.09	7.0	1.50	3.00	.30	3,000	N	<10	700	2.0	20	300	30	100
0287	9.02	.27	7.0	3.00	3.00	.50	1,500	N	10	700	3.0	50	300	70	50
0288	5.12	13.47	5.0	.50	.70	.50	1,500	N	<10	300	7.0	5	20	10	150
0289	5.24	13.24	5.0	.50	.50	.20	1,500	N	<10	500	7.0	5	30	10	70
0290	5.46	12.12	7.0	1.50	2.00	.30	2,000	N	<10	300	5.0	15	70	30	70
0291	5.28	11.94	7.0	2.00	3.00	.50	2,000	N	<10	700	3.0	30	150	50	70
0292	3.70	14.23	7.0	2.00	3.00	1.00	1,500	N	<10	500	3.0	50	200	50	50
0293	3.40	13.09	5.0	.70	1.00	.30	1,000	N	<10	500	3.0	5	10	10	300
0294	14.35	.88	7.0	2.00	3.00	.70	2,000	N	10	700	1.0	30	200	50	150
0295	13.56	1.41	7.0	1.50	3.00	.30	1,000	N	10	700	1.5	20	200	30	70
0296	12.45	2.14	7.0	1.50	2.00	.30	1,000	N	10	700	2.0	7	150	30	50
0297	12.55	2.33	7.0	1.50	3.00	.50	1,500	N	10	700	2.0	30	200	30	50
0298	12.20	2.78	10.0	2.00	3.00	.50	1,500	N	20	700	1.0	50	300	50	20
0299	14.86	3.26	7.0	1.50	3.00	.70	1,500	N	<10	300	1.5	20	150	20	30
0300	9.87	1.71	10.0	2.00	3.00	.50	1,500	N	<10	700	1.0	30	500	50	30
0301	10.99	.72	10.0	2.00	3.00	.50	1,500	N	<10	700	2.0	30	500	70	30
0302	11.06	1.90	7.0	1.50	2.00	.50	1,000	N	10	700	2.0	30	200	50	50
0304	10.60	19.96	10.0	3.00	3.00	.50	1,500	N	<10	700	1.0	30	200	50	50
0305	11.42	13.51	7.0	1.50	2.00	.20	700	N	<10	700	3.0	10	70	20	50
0306	12.46	15.58	7.0	1.50	3.00	.30	1,500	N	<10	500	3.0	15	200	30	30
0307	10.15	13.04	7.0	1.50	2.00	.30	1,500	N	<10	700	3.0	20	70	20	50
0308	9.22	13.08	7.0	1.50	3.00	.70	1,500	N	<10	500	3.0	20	100	20	30
0309	8.83	13.00	7.0	1.50	3.00	.70	1,500	N	<10	500	3.0	15	70	15	70
0310	8.59	12.61	7.0	1.50	1.50	.50	1,500	N	<10	700	3.0	15	70	20	100
0311	10.13	12.82	7.0	1.00	2.00	.70	2,000	N	10	700	2.0	20	70	30	50
0312	8.11	11.70	7.0	3.00	3.00	.70	2,000	N	<10	700	2.0	30	300	50	50
0313	8.22	13.25	3.0	.70	.70	.30	700	N	<10	500	3.0	5	50	20	70
0314	8.26	13.11	2.0	1.00	.70	.50	700	N	20	700	3.0	5	70	20	70

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinities, Routt Counties, Colorado

sample	S-MO	S-NB	S-NI	S-PB	S-SC	S-SN	S-SR	S-V	S-Y	S-ZN	S-ZR	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZV-P
0269	N	N	10	30	20	N	200	70	70	N	500	<.02	5	10	25
0270	N	N	70	20	50	N	300	200	100	N	200	<.02	15	10	50
0271	N	N	50	30	30	N	300	150	70	N	200	<.02	15	10	65
0272	N	N	30	30	30	N	300	150	150	N	150	<.02	15	10	65
0273	N	N	50	20	30	N	200	150	100	N	300	<.02	15	10	70
0274	N	N	50	50	70	N	300	200	100	200	200	<.10	20	25	130
0275	N	N	70	70	30	N	500	200	50	N	150	<.04	30	35	170
0276	N	N	70	70	30	N	500	200	50	200	200	<.10	45	40	230
0277	N	N	30	100	30	N	300	150	70	500	200	<.02	40	130	350
0278	N	10	30	100	30	N	300	150	50	500	150	<.02	50	90	370
0279	N	10	50	70	30	N	300	150	70	300	200	<.04	20	25	230
0280	N	10	70	50	30	N	700	200	70	200	150	<.02	30	25	120
0281	N	N	70	50	30	N	700	200	70	N	300	<.04	55	25	110
0282	N	N	50	70	30	N	700	200	30	300	150	<.02	40	50	180
0283	N	N	70	50	50	N	700	300	70	300	200	<.04	45	30	120
0284	N	N	70	100	50	N	500	200	70	500	200	<.02	55	100	270
0285	N	N	70	30	50	N	700	200	70	N	150	<.04	50	20	80
0286	N	N	50	50	30	N	300	150	70	N	200	<.02	35	40	180
0287	N	N	70	70	30	N	300	150	70	N	200	<.02	55	30	150
0288	N	30	10	70	20	N	N	50	200	N	>1,000	--	20	60	200
0289	N	20	10	70	10	N	N	50	100	N	500	<.04	10	25	100
0290	N	10	20	30	30	N	200	100	70	N	200	<.10	30	25	110
0291	N	10	30	30	50	N	300	200	70	N	200	<.02	30	20	75
0292	N	N	70	20	50	N	300	200	70	N	300	<.02	20	10	55
0293	N	30	10	50	20	N	N	70	150	N	1,000	<.02	5	20	75
0294	N	N	50	20	70	N	500	200	100	N	200	<.02	15	10	40
0295	N	N	30	20	30	N	300	150	70	N	150	<.02	15	10	50
0296	N	N	30	<10	20	N	200	150	70	N	300	<.02	10	10	45
0297	N	N	50	10	30	N	200	150	50	N	200	<.02	15	10	50
0298	N	N	50	10	30	N	300	200	50	N	150	<.02	25	10	35
0299	N	N	30	10	30	N	200	150	70	N	300	<.02	5	5	25
0300	N	N	50	20	30	N	500	150	50	N	100	<.02	30	15	70
0301	N	N	70	30	30	N	500	200	50	N	100	<.10	30	15	80
0302	N	N	50	10	30	N	200	150	70	N	200	<.02	15	10	50
0304	N	N	30	10	30	N	300	300	70	N	700	<.10	20	10	35
0305	N	N	30	20	15	N	300	100	30	N	100	<.02	15	5	30
0306	N	N	30	20	30	N	200	150	70	N	150	<.04	20	15	55
0307	N	N	30	30	30	N	300	150	100	N	150	<.02	10	10	35
0308	N	N	30	10	50	N	300	150	70	N	150	<.02	10	10	30
0309	N	N	20	20	30	N	300	150	70	N	150	--	10	10	35
0310	N	N	15	30	30	N	200	150	150	N	500	<.02	15	10	50
0311	N	N	30	20	30	N	200	150	50	N	150	--	20	10	75
0312	N	N	70	20	50	N	200	150	50	<200	100	<.04	40	10	75
0313	N	N	15	50	15	N	100	100	100	N	200	<.02	25	30	75
0314	N	N	15	30	20	N	200	100	70	N	300	<.04	20	15	50

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	AA-AG-P
0269	<.2
0270	<.2
0271	<.2
0272	<.2
0273	<.2
0274	<.2
0275	<.2
0276	.2
0277	<.2
0278	.2
0279	<.2
0280	<.2
0281	<.2
0282	<.2
0283	<.2
0284	.2
0285	<.2
0286	<.2
0287	<.2
0288	<.2
0289	<.2
0290	<.2
0291	<.2
0292	<.2
0293	<.2
0294	<.2
0295	<.2
0296	<.2
0297	<.2
0298	<.2
0299	<.2
0300	<.2
0301	<.2
0302	<.2
0304	<.2
0305	<.2
0306	<.2
0307	<.2
0308	<.2
0309	<.2
0310	<.2
0311	<.2
0312	<.2
0313	<.2
0314	<.2

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	X-COORD.	Y-COORD.	S-FEZ	S-MG%	S-CA%	S-TIX	S-MN	S-AG	S-3	S-BA	S-BE	S-CO	S-CR	S-CJ	S-LA
0315	8.67	3.00	10.0	3.00	5.00	.70	3,000	N	20	700	1.0	50	500	30	20
0316	8.45	3.15	10.0	3.00	3.00	.10	3,000	N	50	700	1.0	50	300	50	20
0317	8.01	3.01	10.0	3.00	3.00	.70	2,000	N	10	700	2.0	30	500	20	30
0318	7.90	3.20	7.0	3.00	2.00	.70	1,500	N	<10	300	1.5	30	300	50	50
0319	8.10	2.16	5.0	1.50	1.00	.30	700	N	10	700	1.5	15	100	70	70
0320	7.58	2.42	7.0	1.50	3.00	.30	1,000	N	10	500	1.5	20	300	70	50
0321	7.91	2.38	7.0	1.50	3.00	.50	1,000	N	<10	700	1.5	20	300	70	70
0322	8.96	2.36	7.0	2.00	3.00	.50	1,500	N	<10	700	1.5	30	200	30	50
0323	8.70	2.58	7.0	1.50	3.00	.50	1,500	N	<10	700	1.5	30	150	50	50
0324	8.80	2.77	7.0	1.50	3.00	.50	1,000	N	<10	700	1.5	20	150	30	30
0325	8.21	4.25	7.0	2.00	3.00	.70	1,500	N	<10	700	1.5	30	70	70	70
0326	9.11	3.94	5.0	1.50	2.00	.70	700	N	20	500	1.5	15	70	30	20
0327	8.78	3.98	7.0	2.00	3.00	1.00	1,500	N	<10	300	1.0	30	70	30	20
0328	9.06	4.09	7.0	1.50	3.00	1.00	1,500	N	15	500	1.0	30	70	30	20
0329	9.63	4.90	10.0	1.50	3.00	1.00	1,500	N	<10	500	2.0	30	100	70	70
0330	9.25	5.26	7.0	3.00	3.00	.70	1,500	N	<10	300	1.0	50	1,500	30	70
0331	9.40	5.57	7.0	3.00	3.00	.50	1,500	N	<10	300	1.0	50	1,500	50	70
0332	11.55	2.88	7.0	1.50	2.00	.30	700	N	30	500	1.5	20	70	30	30
0333	11.31	3.30	3.0	.70	.50	.30	700	N	50	500	1.5	7	50	15	30
0334	11.28	3.55	7.0	1.00	.70	.30	1,500	N	20	700	1.5	15	50	20	50
0335	11.45	3.98	7.0	1.50	2.00	.50	1,000	N	30	500	1.5	30	70	30	20
0336	11.30	4.35	7.0	1.50	3.00	1.00	2,000	N	15	500	1.5	30	100	30	20
0337	11.56	5.54	7.0	2.00	3.00	.70	1,500	N	<10	500	1.5	20	700	15	20
0338	11.54	5.84	7.0	2.00	3.00	.70	1,500	N	<10	500	1.5	20	700	30	30
0339	11.43	6.14	7.0	2.00	3.00	.70	1,500	N	<10	700	2.0	30	300	30	N
0340	9.22	6.00	7.0	3.00	3.00	.70	1,500	N	<10	700	1.5	50	500	70	50
0341	9.14	5.80	10.0	3.00	3.00	1.00	2,000	N	<10	700	1.5	30	500	70	50
0342	8.89	5.66	7.0	3.00	3.00	.70	3,000	N	<10	700	1.5	30	500	70	30
0343	8.87	5.97	10.0	3.00	3.00	.70	2,000	N	<10	700	2.0	30	500	70	30
0344	8.50	6.04	10.0	2.00	3.00	.70	1,500	N	<10	700	1.5	30	500	70	50
0345	8.88	5.46	15.0	3.00	3.00	.70	2,000	N	<10	700	1.5	50	700	70	30
0346	9.64	5.40	10.0	3.00	3.00	.50	1,500	N	<10	700	1.5	70	2,000	50	30
0347	9.90	5.79	7.0	2.00	3.00	1.00	2,000	N	<10	700	2.0	20	300	50	70
0348	9.86	5.96	7.0	1.50	3.00	.70	2,000	N	<10	700	1.5	30	300	70	70
0349	9.87	6.16	7.0	1.50	3.00	.70	1,500	N	<10	700	2.0	30	300	70	70
0350	11.31	6.33	7.0	1.50	3.00	.70	1,500	N	10	700	2.0	30	200	50	50
0351	10.94	20.10	7.0	1.50	3.00	.70	3,000	N	<10	700	2.0	20	150	30	70
0352	11.01	20.46	7.0	1.50	3.00	.70	2,000	N	<10	700	1.5	30	150	30	70
0353	10.11	9.24	10.0	1.50	3.00	1.00	3,000	N	<10	700	1.5	30	300	70	70
0354	7.14	9.25	10.0	1.50	3.00	1.00	3,000	N	<10	700	1.5	30	300	70	20
0355	8.07	8.94	10.0	1.50	3.00	.70	1,500	N	<10	700	2.0	30	200	50	70
0356	8.16	8.70	10.0	1.50	3.00	>1.00	1,500	N	<10	700	2.0	30	500	70	70
0357	8.28	8.48	7.0	1.50	3.00	.70	2,000	N	<10	700	2.0	30	300	70	70
0358	9.27	8.78	7.0	1.50	3.00	1.00	1,500	N	<10	700	2.0	30	300	30	50
0359	9.64	8.89	7.0	1.50	3.00	1.00	2,000	N	<10	700	2.0	30	500	30	70

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	S-MO	S-NB	S-NI	S-PB	S-SC	S-SN	S-SR	S-V	S-Y	S-ZN	S-Zr	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZV-P
0315	N	N	50	30	70	N	500	300	70	N	133	<.02	15	10	43
0316	N	N	30	10	70	N	500	300	50	N	133	<.02	40	13	45
0317	N	N	30	20	50	N	700	200	50	N	133	<.04	15	10	43
0318	N	10	30	30	30	N	300	200	50	N	233	<.02	35	20	65
0319	N	N	30	30	20	N	300	150	50	N	233	<.02	60	20	95
0320	N	N	70	20	30	N	500	150	70	N	70	<.10	60	15	75
0321	N	N	50	15	30	N	500	150	50	N	133	<.02	50	15	85
0322	N	N	50	30	30	N	300	300	50	N	133	<.10	30	20	113
0323	N	N	30	20	30	N	300	150	70	N	133	<.04	30	15	63
0324	N	N	30	15	30	N	300	150	30	N	133	<.02	40	20	83
0325	N	N	20	30	30	N	150	200	70	N	133	<.02	25	30	75
0326	N	N	15	30	30	N	200	150	30	N	133	<.02	20	20	75
0327	N	N	30	10	50	N	300	300	70	N	133	<.02	15	10	43
0328	N	N	30	20	30	N	300	200	50	N	133	<.02	15	15	43
0329	N	N	30	15	50	N	100	200	100	N	133	.08	40	10	55
0330	N	N	150	15	30	N	200	200	70	N	133	<.02	25	15	55
0331	N	N	150	15	30	N	200	200	70	N	133	<.02	45	20	83
0332	N	N	30	10	20	N	200	150	30	N	133	.20	25	10	35
0333	N	N	20	10	10	N	150	100	30	N	233	<.02	10	15	35
0334	N	N	20	20	20	N	200	150	30	N	133	<.02	15	10	33
0335	N	N	30	20	30	N	200	200	30	N	133	<.02	25	10	53
0336	N	N	30	10	70	N	300	300	100	N	133	<.02	10	10	45
0337	N	N	70	10	30	N	300	150	70	N	133	<.02	<5	5	33
0338	N	N	50	20	30	N	300	150	70	N	233	<.02	5	10	43
0339	N	10	50	10	30	N	500	200	70	N	133	<.02	10	10	35
0340	N	15	70	20	50	N	300	200	70	N	133	<.02	30	15	55
0341	N	10	70	30	50	N	300	200	70	N	73	<.02	35	15	65
0342	N	N	100	30	30	N	200	200	70	N	133	<.02	50	15	75
0343	N	N	70	50	50	N	300	200	70	N	133	<.02	40	20	73
0344	N	N	70	30	50	N	300	200	70	N	73	<.02	45	20	83
0345	N	N	150	30	50	N	300	300	70	N	133	<.02	30	20	63
0346	N	N	300	30	30	N	300	200	70	N	133	<.02	20	15	55
0347	N	N	50	30	30	N	300	150	70	N	133	<.04	30	15	55
0348	N	N	70	30	30	N	300	150	70	N	133	<.02	35	20	63
0349	N	N	70	30	30	N	300	150	70	N	133	<.02	30	15	63
0350	N	N	50	20	30	N	300	150	70	N	233	<.02	20	15	73
0351	N	N	30	15	30	N	300	150	70	N	333	<.02	10	10	53
0352	N	N	30	10	30	N	300	150	100	N	333	<.02	10	10	35
0353	N	N	30	30	50	N	300	300	150	N	233	--	25	10	63
0354	N	N	30	30	30	N	200	200	70	N	333	<.04	20	20	55
0355	N	N	70	30	30	N	300	200	70	N	333	<.02	20	20	65
0356	N	N	70	30	30	N	200	200	70	N	133	<.10	20	15	63
0357	N	N	70	30	30	N	300	150	70	N	133	<.02	30	15	63
0358	N	N	50	15	50	N	300	300	100	N	233	<.02	15	10	73
0359	N	N	70	10	50	N	300	300	70	N	233	<.04	20	15	55

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample AA-AG-P

0315	<.2
0316	<.2
0317	<.2
0318	<.2
0319	<.2
0320	<.2
0321	<.2
0322	<.2
0323	<.2
0324	<.2
0325	<.2
0326	<.2
0327	<.2
0328	<.2
0329	<.2
0330	<.2
0331	<.2
0332	<.2
0333	<.2
0334	<.2
0335	<.2
0336	<.2
0337	<.2
0338	<.2
0339	<.2
0340	<.2
0341	<.2
0342	<.2
0343	<.2
0344	<.2
0345	<.2
0346	<.2
0347	<.2
0348	<.2
0349	<.2
0350	<.2
0351	<.2
0352	<.2
0353	<.2
0354	<.2
0355	<.2
0356	<.2
0357	<.2
0358	<.2
0359	<.2

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	X-COORD.	Y-COORD.	S-FEZ	S-MG%	S-CAZ	S-TIZ	S-MN	S-AG	S-3	S-BA	S-BE	S-CD	S-CR	S-CJ	S-LA
0360	7.03	7.27	7.0	3.00	3.00	.50	1,500	N	10	700	2.0	30	500	70	70
0361	6.87	7.55	7.0	3.00	2.00	.50	1,500	N	<10	700	3.0	30	300	70	70
0362	6.82	7.83	7.0	1.50	2.00	.30	700	N	<10	700	3.0	15	200	20	70
0363	6.82	8.23	7.0	3.00	3.00	>1.00	1,500	N	<10	500	2.0	30	500	50	150
0364	7.22	8.63	7.0	2.00	3.00	1.00	1,000	N	<10	300	2.0	30	500	50	50
0365	7.50	8.38	10.0	3.00	3.00	1.00	1,500	N	<10	500	3.0	30	500	50	50
0366	7.53	8.24	7.0	2.00	2.00	.50	700	N	<10	700	3.0	30	300	70	70
0367	7.64	8.02	7.0	1.50	3.00	.50	1,500	N	<10	700	3.0	30	300	70	50
0368	9.49	7.38	10.0	1.50	3.00	.70	1,500	N	<10	700	2.0	30	300	30	50
0369	8.24	6.56	7.0	1.50	3.00	.50	1,500	N	<10	700	2.0	30	150	70	70
0370	8.61	6.78	7.0	2.00	3.00	.50	1,500	N	<10	700	1.5	30	150	50	50
0371	9.02	6.68	7.0	1.50	3.00	.50	1,500	N	10	700	1.5	30	200	100	100
0372	8.99	6.88	10.0	3.00	3.00	.70	2,000	N	<10	700	2.0	50	300	70	70
0373	10.42	6.90	7.0	2.00	3.00	.30	1,500	N	<10	700	2.0	30	150	20	30
0374	5.71	12.34	7.0	2.00	3.00	.50	1,500	N	<10	500	3.0	30	150	30	30
0375	5.87	12.53	7.0	1.50	3.00	.20	1,000	N	<10	700	3.0	15	50	30	50
0376	5.83	11.49	7.0	1.50	3.00	.30	1,500	N	<10	1,000	3.0	15	30	50	70
0377	6.50	10.65	7.0	1.50	2.00	.50	1,500	N	<10	700	3.0	20	150	50	30
0378	6.57	10.49	7.0	1.50	3.00	.50	1,500	N	<10	500	3.0	30	200	30	50
0379	6.82	10.58	7.0	1.50	3.00	.30	1,500	N	<10	500	2.0	30	200	30	50
0380	7.31	10.80	7.0	1.50	3.00	.50	1,500	N	<10	500	2.0	30	150	20	50
0381	7.40	10.99	7.0	1.00	2.00	.50	1,000	N	<10	300	2.0	15	30	50	70
0382	7.93	11.06	7.0	1.50	2.00	.50	1,000	N	<10	300	2.0	20	150	20	20
0383	6.53	10.19	7.0	2.00	3.00	.70	1,500	N	<10	300	1.0	30	150	30	50
0384	3.84	10.31	7.0	2.00	.30	.07	700	N	<10	100	5.0	5	10	5	V
0385	3.35	11.28	1.5	.15	.20	.15	500	N	V	150	7.0	N	<10	<5	70
0386	5.88	9.02	7.0	1.50	3.00	.70	1,000	N	V	300	1.5	30	70	20	70
0387	5.88	9.26	7.0	1.50	2.00	.70	1,500	N	N	300	2.0	20	70	20	20
0388	2.81	13.08	7.0	1.00	.50	.30	1,500	N	20	300	3.0	10	30	15	100
0389	2.62	10.89	7.0	1.50	.70	.30	1,000	N	V	300	5.0	10	20	15	70
0390	2.33	10.74	10.0	2.00	3.00	.70	1,500	N	<10	200	3.0	20	100	30	50
0391	2.48	10.99	7.0	1.50	2.00	.50	1,500	N	<10	200	2.0	20	70	20	50
0392	3.86	14.92	7.0	1.00	1.00	.30	1,500	N	<10	300	2.0	10	30	30	20
0393	4.67	16.36	7.0	1.00	1.00	.30	1,000	N	<10	300	2.0	7	30	15	30
0394	3.37	16.22	7.0	.70	.70	.30	1,000	N	<10	300	3.0	7	30	30	20
0395	5.33	16.17	7.0	1.50	3.00	.50	1,000	N	<10	200	1.5	30	300	30	N
0396	6.16	16.00	7.0	1.50	2.00	.50	700	N	<10	300	1.0	20	100	30	20
0397	6.51	17.16	7.0	1.50	3.00	.70	1,500	N	<10	300	2.0	15	70	10	30
0398	6.26	17.55	7.0	1.50	3.00	.70	1,500	N	<10	300	2.0	20	70	15	70
0399	6.54	16.13	7.0	1.00	2.00	.50	1,500	N	<10	500	3.0	15	70	15	50
0400	7.44	17.88	7.0	1.50	2.00	.30	700	N	<10	300	2.0	15	70	15	50
0401	14.80	20.45	7.0	1.50	2.00	.70	1,500	N	<10	300	1.5	15	70	30	70
0402	15.97	14.21	7.0	1.50	3.00	.70	1,500	N	<10	300	1.0	30	100	70	70
0403	15.71	19.97	7.0	2.00	3.00	.30	1,500	N	<10	700	2.0	30	700	70	50
0404	13.98	20.78	10.0	1.50	3.00	>1.00	3,000	N	<10	300	1.0	30	150	50	200

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	S-MO	S-NB	S-NI	S-PB	S-SC	S-SN	S-SR	S-V	S-Y	S-ZN	S-Zr	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P
0360	N	N	70	70	30	N	300	150	70	N	150	<.02	75	30	80
0361	N	N	70	70	30	N	300	150	70	N	100	<.02	80	30	110
0362	N	N	50	20	20	N	100	150	70	N	100	<.02	15	20	50
0363	N	N	100	10	30	N	200	150	150	N	200	<.02	15	10	45
0364	N	N	100	50	30	N	100	150	150	N	150	<.02	25	30	70
0365	N	N	100	70	30	N	100	150	100	N	200	<.02	20	15	60
0366	N	N	70	50	30	N	200	150	70	N	100	<.02	55	25	85
0367	N	N	70	50	30	N	200	150	70	N	100	<.02	60	25	90
0368	N	N	50	30	50	N	300	300	150	N	200	<.02	20	10	45
0369	N	N	30	70	50	N	300	200	70	N	70	<.04	50	30	95
0370	N	N	30	30	50	N	500	300	70	N	100	<.02	35	20	60
0371	N	N	50	70	30	N	300	200	70	N	100	<.04	85	25	100
0372	N	N	70	30	70	N	300	300	70	N	100	<.04	45	10	60
0373	N	N	30	30	30	N	300	150	50	N	150	<.04	15	10	45
0374	N	N	30	50	30	N	300	200	70	N	150	<.02	20	15	70
0375	N	N	30	30	20	N	200	100	50	N	100	<.02	15	10	75
0376	N	N	15	30	30	N	200	150	70	N	150	<.02	15	10	70
0377	N	N	15	50	30	N	100	150	100	N	150	<.02	20	15	80
0378	N	N	30	50	30	N	200	150	70	N	500	<.10	15	10	55
0379	N	N	70	50	30	N	200	200	70	N	300	<.10	20	20	60
0380	N	N	50	10	30	N	300	200	70	N	150	<.02	20	10	50
0381	N	N	15	30	20	N	200	150	100	N	100	<.02	35	15	75
0382	N	N	30	20	30	N	100	200	70	N	300	<.02	20	10	70
0383	N	N	30	30	30	N	150	200	70	N	700	<.04	15	15	50
0384	N	N	5	<10	5	N	;	30	150	N	70	<.04	10	15	75
0385	N	N	<5	<10	5	N	N	20	70	N	200	<.10	15	20	115
0386	N	N	50	<10	30	N	150	200	70	N	150	<.02	15	15	60
0387	N	N	30	50	30	N	100	150	70	N	200	<.02	20	25	75
0388	N	20	15	50	15	N	N	70	150	N	700	--	5	15	90
0389	N	N	15	30	15	N	100	70	150	N	300	<.02	10	15	85
0390	N	N	30	30	30	N	300	200	70	N	150	<.02	25	15	80
0391	N	N	30	20	30	N	200	150	50	N	70	--	20	20	85
0392	N	N	15	30	15	N	150	100	20	N	150	<.02	10	10	60
0393	N	N	15	20	15	N	150	100	20	N	200	<.10	10	10	55
0394	N	N	15	30	15	N	<100	70	30	N	200	<.04	10	15	70
0395	N	N	70	10	30	N	300	200	50	N	100	<.02	20	10	60
0396	N	N	30	10	30	N	200	150	50	N	100	<.02	20	15	65
0397	N	N	30	<10	30	N	200	150	50	N	150	<.02	10	10	50
0398	N	N	30	15	30	N	200	150	70	N	150	<.10	10	10	50
0399	N	N	30	30	30	N	100	100	70	N	1,000	<.10	10	10	60
0400	N	N	30	<10	20	N	150	100	70	N	700	<.02	15	5	35
0401	N	N	30	20	20	N	150	100	30	N	100	<.02	15	10	80
0402	N	N	30	30	30	N	100	150	70	N	70	<.02	15	10	50
0403	N	N	150	30	30	N	200	100	30	<200	150	<.02	35	15	100
0404	N	10	30	10	70	N	200	150	150	N	>1,000	<.02	10	10	35

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample AA-AG-P

0360	<.2
0361	<.2
0362	<.2
0363	<.2
0364	<.2
0365	<.2
0366	<.2
0367	<.2
0368	<.2
0369	<.2
0370	<.2
0371	<.2
0372	<.2
0373	<.2
0374	<.2
0375	<.2
0376	<.2
0377	<.2
0378	<.2
0379	<.2
0380	<.2
0381	<.2
0382	<.2
0383	<.2
0384	<.2
0385	<.2
0386	<.2
0387	<.2
0388	<.2
0389	<.2
0390	<.2
0391	<.2
0392	<.2
0393	<.2
0394	<.2
0395	<.2
0396	<.2
0397	<.2
0398	<.2
0399	<.2
0400	<.2
0401	<.2
0402	<.2
0403	<.2
0404	<.2

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	X-COORD.	Y-COORD.	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-3	S-BA	S-BE	S-CO	S-CR	S-CJ	S-LA
0405	9.41	19.59	7.0	1.50	3.00	1.00	3,000	N	<10	700	1.5	30	150	20	20
0406	9.83	20.72	7.0	1.50	3.00	.70	1,500	N	<10	700	2.0	20	150	30	20
0407	8.79	19.76	7.0	1.50	3.00	.50	2,000	N	<10	700	2.0	15	150	20	20
0408	7.39	18.66	7.0	2.00	3.00	.70	1,500	N	<10	500	2.0	30	200	70	20
0409	7.97	18.69	5.0	1.50	3.00	.30	1,500	N	<10	700	2.0	15	150	30	20
0410	10.74	22.34	7.0	1.50	3.00	1.00	1,500	.7	<10	700	2.0	30	200	30	20
0411	9.58	21.89	10.0	1.50	3.00	1.00	3,000	N	<10	500	1.5	30	150	20	70
0412	11.83	22.38	7.0	1.50	3.00	.50	1,500	N	<10	500	1.5	15	100	15	N
0413	5.12	17.65	10.0	2.00	3.00	.70	1,500	N	<10	700	2.0	30	100	30	70
0414	4.53	17.10	7.0	1.50	1.00	.30	2,000	N	10	700	3.0	20	70	50	30
0415	4.29	17.34	7.0	1.50	3.00	.50	2,000	N	<10	500	2.0	30	100	70	30
0416	3.71	16.84	7.0	1.50	3.00	.50	2,000	N	10	700	1.5	30	150	50	50
0417	8.64	21.27	7.0	1.50	3.00	.70	2,000	N	<10	700	2.0	30	150	70	70
0418	8.78	21.54	7.0	1.50	3.00	.70	2,000	N	<10	700	3.0	20	150	30	70
0419	7.32	22.52	7.0	2.00	3.00	.50	2,000	N	<10	500	1.5	30	500	30	100
0420	7.53	21.87	7.0	1.50	3.00	.50	1,500	N	<10	500	1.5	20	100	20	70
0421	8.30	20.33	7.0	1.50	3.00	.70	1,500	N	<10	500	2.0	20	150	20	70
0422	3.86	18.40	7.0	1.50	3.00	.50	2,000	N	<10	700	2.0	30	200	70	100
0423	5.35	19.48	10.0	2.00	3.00	1.00	2,000	N	<10	700	2.0	50	300	70	70
0424	5.30	19.82	7.0	1.50	3.00	.30	3,000	N	<10	700	3.0	20	150	30	70
0425	7.00	20.66	10.0	2.00	3.00	1.00	3,000	N	<10	300	1.5	30	200	20	70
0426	7.05	20.97	7.0	1.50	3.00	.30	1,500	N	<10	700	2.0	30	150	50	70
0427	9.98	15.46	5.0	1.50	2.00	.20	700	N	V	500	3.0	15	70	5	20
0428	9.50	15.30	7.0	1.50	3.00	.50	1,500	N	<10	300	3.0	15	70	10	V
0429	8.71	11.33	7.0	2.00	1.50	.70	1,500	N	<10	700	3.0	20	200	50	30
0430	8.65	11.62	7.0	2.00	2.00	1.00	2,000	N	<10	300	1.5	15	100	50	70
0431	5.96	21.36	7.0	2.00	3.00	.70	3,000	N	<10	700	1.5	20	70	70	30
0432	4.12	20.33	7.0	1.50	3.00	.70	2,000	N	<10	700	2.0	15	70	50	70
0433	2.95	18.19	7.0	2.00	3.00	.70	2,000	N	<10	700	2.0	20	100	70	100
0434	4.65	21.12	10.0	1.50	3.00	.70	3,000	N	<10	700	1.0	15	150	30	70
0435	2.80	20.59	7.0	2.00	2.00	.70	3,000	N	<10	700	1.5	20	70	70	50
0436	.76	18.86	7.0	1.50	2.00	.70	3,000	N	<10	700	1.0	20	100	30	300
0437	.47	20.08	7.0	2.00	3.00	.70	3,000	N	<10	700	2.0	20	150	50	50
0438	.59	20.52	7.0	2.00	3.00	1.00	3,000	N	<10	700	2.0	15	70	70	20
0439	.60	20.78	7.0	1.50	3.00	.30	1,500	N	<10	700	2.0	15	70	15	20
0440	3.43	22.47	10.0	2.00	5.00	.50	3,000	N	<10	700	2.0	30	300	20	20
0441	3.47	22.70	7.0	2.00	3.00	.50	2,000	.5	<10	700	1.0	30	300	50	30
0442	2.98	22.68	7.0	2.00	3.00	.50	1,500	N	<10	700	1.0	20	200	15	N
0443	2.40	22.32	7.0	1.50	2.00	.70	1,500	N	<10	700	2.0	15	70	30	20
0444	1.80	22.71	10.0	2.00	3.00	.70	2,000	N	<10	700	<1.0	30	200	30	20
0445	1.81	22.43	7.0	1.50	2.00	.30	1,500	N	V	700	<1.0	15	100	20	30
0446	1.57	22.20	7.0	1.00	2.00	.50	1,500	N	<10	700	1.0	20	150	20	30
0447	.84	16.89	10.0	1.50	2.00	.50	3,000	2.0	<10	700	3.0	20	30	30	20
0448	1.61	16.09	10.0	2.00	3.00	.70	2,000	N	<10	700	2.0	30	70	50	30
0449	1.80	15.80	7.0	1.50	3.00	.50	2,000	N	<10	700	1.0	30	100	50	50

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	S-MO	S-NB	S-NI	S-PB	S-SC	S-SN	S-SR	S-V	S-Y	S-ZN	S-ZR	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P
0405	N	10	30	15	30	N	200	150	70	N	700	<.02	5	5	30
0406	N	N	30	15	30	N	300	150	70	N	200	<.02	5	5	30
0407	N	N	30	15	30	N	300	150	70	N	200	<.02	10	10	50
0408	N	N	50	10	70	N	300	200	70	N	150	<.02	15	10	45
0409	N	N	30	70	30	N	300	150	300	N	150	<.02	10	10	45
0410	N	10	30	30	50	N	300	200	70	N	300	<.02	15	10	65
0411	N	N	30	20	70	N	300	200	70	N	150	<.10	10	10	60
0412	N	N	30	10	30	N	300	150	70	N	200	<.02	5	5	25
0413	N	-N	50	20	30	N	300	200	70	N	300	<.04	15	10	50
0414	N	N	30	70	20	N	300	150	50	N	150	<.10	15	20	75
0415	N	N	30	50	30	N	150	150	70	N	150	<.10	25	10	75
0416	N	N	30	50	50	N	300	200	200	N	150	<.02	15	15	60
0417	N	N	50	50	30	N	300	200	70	N	200	<.02	20	10	80
0418	N	N	30	30	30	N	300	150	70	N	150	<.02	15	5	50
0419	N	N	50	10	30	N	500	200	70	N	200	<.02	10	10	40
0420	N	N	30	30	30	N	500	150	70	N	150	.06	10	10	50
0421	N	N	30	10	30	N	300	150	70	N	200	<.02	10	10	45
0422	N	N	30	30	30	N	500	200	70	N	150	--	25	10	55
0423	N	10	50	10	50	N	300	200	70	N	300	<.10	20	10	50
0424	N	N	30	30	30	N	300	100	70	N	200	<.02	10	10	90
0425	N	N	50	<10	50	N	300	150	200	N	300	<.04	5	5	30
0426	N	N	50	30	30	N	300	150	70	N	150	<.02	<5	5	15
0427	N	N	20	<10	30	N	300	100	70	N	150	<.02	25	15	110
0428	N	N	20	<10	30	N	200	150	100	N	300	<.10	5	5	25
0429	N	N	70	10	30	N	<100	70	70	N	150	<.02	30	20	100
0430	N	N	30	15	30	N	100	150	150	N	500	<.02	15	20	50
0431	N	N	50	20	30	N	300	150	50	N	300	<.02	40	20	70
0432	N	N	20	30	30	N	300	150	50	N	100	<.02	30	35	130
0433	N	N	30	30	30	N	300	150	70	N	200	<.10	35	30	80
0434	N	N	20	15	30	N	150	150	50	N	300	<.04	20	40	80
0435	N	N	30	20	30	N	300	150	30	N	70	<.10	60	10	120
0436	N	10	30	30	50	N	200	150	200	N	150	<.04	25	5	60
0437	N	N	30	30	30	N	<100	150	50	N	200	<.02	10	40	80
0438	N	N	30	20	30	N	200	150	70	200	150	<.04	10	40	80
0439	N	N	30	10	20	N	N	200	30	N	100	<.10	15	30	60
0440	N	N	50	10	30	N	300	200	30	N	150	<.04	20	20	45
0441	N	N	70	10	30	N	300	150	30	N	150	<.02	30	25	40
0442	N	N	30	15	30	N	100	300	30	N	100	<.02	20	25	50
0443	N	N	30	10	30	N	300	150	30	N	100	<.02	20	25	75
0444	N	N	50	10	30	N	300	150	50	N	100	<.02	20	25	30
0445	N	N	30	15	30	N	300	150	30	N	150	<.02	20	20	70
0446	N	N	30	10	30	N	300	150	150	N	200	<.02	20	35	80
0447	N	N	20	30	30	N	200	200	70	<200	100	<.10	20	30	95
0448	N	N	30	20	50	N	200	150	70	N	150	<.04	30	25	85
0449	N	N	30	20	30	N	300	150	50	N	100	<.04	30	40	95

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	AA-AG-P
0405	<.2
0406	<.2
0407	<.2
0408	<.2
0409	<.2
0410	<.2
0411	<.2
0412	<.2
0413	<.2
0414	<.2
0415	<.2
0416	<.2
0417	<.2
0418	<.2
0419	<.2
0420	<.2
0421	<.2
0422	<.2
0423	<.2
0424	<.2
0425	<.2
0426	<.2
0427	<.2
0428	<.2
0429	<1.0
0430	<1.0
0431	<1.0
0432	<1.0
0433	<1.0
0434	<1.0
0435	<1.0
0436	<1.0
0437	<1.0
0438	<1.0
0439	<1.0
0440	<1.0
0441	<1.0
0442	<1.0
0443	<1.0
0444	<1.0
0445	<1.0
0446	<1.0
0447	<1.0
0448	<1.0
0449	<1.0

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	X-COORD.	Y-COORD.	S-FEX	S-MGX	S-CAZ	S-TIX	S-MN	S-AG	S-3	S-BA	S-BE	S-CO	S-CR	S-CJ	S-LA
0450	1.55	16.43	7.0	1.50	3.00	.50	2,000	N	<13	1,500	2.0	20	100	30	70
0451	3.80	.86	7.0	1.50	3.00	.70	3,000	N	<13	1,500	2.0	15	200	50	70
0452	-.84	4.29	7.0	1.50	3.00	.50	1,500	N	<13	1,000	2.0	15	300	15	20
0453	-.78	3.70	7.0	1.50	3.00	.50	1,000	N	<13	1,000	1.5	15	150	30	30
0454	1.93	3.34	7.0	2.00	3.00	.70	2,000	N	<13	700	1.5	30	200	70	30
0455	2.15	2.69	7.0	1.50	3.00	.50	1,500	N	15	1,500	2.0	20	150	50	20
0456	2.21	3.06	7.0	2.00	3.00	.70	2,000	N	<13	1,000	2.0	20	70	30	20
0457	4.27	1.19	7.0	2.00	3.00	.30	2,000	N	<13	1,000	3.0	20	300	30	30
0458	4.45	.04	7.0	2.00	3.00	.50	2,000	N	13	1,500	2.0	30	500	70	20
0459	4.00	.35	7.0	1.50	3.00	.50	2,000	N	15	1,500	3.0	20	300	10	20
0460	4.38	.20	7.0	1.50	3.00	.30	1,500	N	30	1,500	3.0	20	300	15	N
0461	4.39	.77	7.0	1.50	2.00	.30	2,000	N	<13	1,500	1.5	30	300	30	50
0462	4.67	.54	10.0	2.00	3.00	>1.00	3,000	N	<13	1,500	2.0	30	300	50	N
0463	4.88	.02	7.0	2.00	3.00	.50	3,000	N	<13	1,500	2.0	30	300	30	30
0464	5.01	.18	7.0	1.50	2.00	.30	2,000	N	<13	700	3.0	15	200	15	50
0465	5.29	.38	7.0	1.50	2.00	.50	2,000	N	<13	1,500	2.0	20	300	70	30
0466	4.90	1.81	7.0	2.00	3.00	.30	2,000	N	<13	1,000	2.0	30	500	70	30
0467	4.16	2.86	7.0	2.00	3.00	.70	3,000	N	<13	700	1.5	30	200	30	70
0468	4.16	2.66	7.0	1.50	2.00	.50	2,000	N	20	1,000	1.5	20	150	30	30
0469	4.32	2.35	7.0	2.00	3.00	.50	2,000	N	15	1,500	1.5	20	200	50	20
0470	4.30	2.06	7.0	1.50	3.00	.30	2,000	N	13	1,000	1.5	30	300	70	30
0471	5.00	1.16	7.0	1.50	1.50	.50	3,000	N	<13	1,000	2.0	70	300	70	50
0472	5.00	.60	7.0	3.00	3.00	.50	2,000	N	<13	700	3.0	30	700	30	30
0473	4.83	.33	7.0	3.00	3.00	.70	3,000	N	<13	700	3.0	30	500	70	20
0474	5.09	3.45	7.0	3.00	3.00	.50	2,000	N	<13	700	1.5	30	200	30	N
0475	5.12	3.06	7.0	2.00	3.00	.30	1,500	N	<13	700	2.0	30	300	70	70
0476	4.90	2.80	10.0	2.00	3.00	.70	1,500	N	<13	700	1.5	20	300	50	30
0477	5.79	3.79	7.0	1.50	3.00	.50	1,500	N	13	700	1.5	15	150	70	70
0478	5.52	3.33	10.0	3.00	3.00	1.00	3,000	N	<13	700	1.0	20	200	70	20
0479	3.20	5.39	7.0	2.00	3.00	.70	2,000	N	<13	500	3.0	30	150	70	50
0480	2.97	5.17	7.0	2.00	3.00	>1.00	3,000	N	<10	500	2.0	20	200	30	50
0481	3.56	3.80	7.0	2.00	3.00	.70	2,000	N	<13	500	1.5	15	150	50	20
0482	3.43	4.14	7.0	2.00	3.00	>1.00	2,000	N	<13	500	1.5	30	300	30	100
0483	2.49	3.54	7.0	1.50	3.00	.50	1,500	N	<13	700	2.0	20	150	50	30
0484	3.01	4.30	10.0	3.00	3.00	.70	2,000	N	<13	500	1.5	30	200	30	30
0485	2.95	4.01	7.0	2.00	3.00	.70	1,500	N	<13	300	2.0	30	300	30	200
0486	2.24	3.66	10.0	3.00	3.00	1.00	3,000	N	<13	700	2.0	30	300	50	50
0487	3.98	4.04	7.0	1.50	3.00	.30	1,500	N	<13	300	1.5	15	150	20	30
0488	4.06	4.32	10.0	3.00	3.00	.70	3,000	N	<13	300	1.0	15	150	30	50
0489	3.82	4.44	7.0	2.00	3.00	.30	1,500	N	<13	500	1.5	15	200	50	50
0490	4.37	4.62	7.0	2.00	3.00	.30	2,000	N	<13	300	1.5	15	150	30	N
0491	4.43	4.80	7.0	2.00	3.00	1.00	3,000	N	<13	300	1.0	20	200	30	N
0492	4.53	4.99	7.0	2.00	3.00	.70	3,000	N	<13	500	1.5	15	150	30	20
0493	4.27	5.11	7.0	1.50	3.00	.50	2,000	N	<13	700	2.0	15	150	70	20
0494	4.70	5.20	7.0	1.50	3.00	.50	3,000	N	<13	500	1.5	20	70	50	100

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	S-MO	S-NB	S-NI	S-PB	S-SC	S-SN	S-SR	S-V	S-Y	S-ZN	S-ZR	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P
0450	N	10	30	20	30	N	300	150	50	N	150	<.04	35	40	90
0451	N	N	30	20	30	N	500	150	70	N	300	<.02	30	30	80
0452	N	N	30	15	30	N	200	150	30	N	300	<.04	20	30	50
0453	N	N	30	10	30	N	200	150	50	N	300	<.02	15	20	45
0454	N	N	30	20	30	N	300	200	70	N	70	<.04	35	30	75
0455	N	N	30	20	30	N	300	150	200	N	100	<.02	35	35	120
0456	N	N	30	10	50	N	150	200	70	N	100	<.02	35	30	120
0457	N	N	30	15	50	N	500	200	70	N	100	<.02	30	25	80
0458	N	N	50	30	30	N	700	200	50	N	500	<.02	35	30	85
0459	N	10	30	20	30	N	500	150	50	N	150	<.02	25	40	80
0460	N	N	50	20	30	N	700	150	30	N	70	<.02	15	35	50
0461	N	N	50	30	30	N	500	150	50	N	150	<.10	30	30	120
0462	N	N	50	15	50	N	300	200	70	N	1000	<.10	30	40	90
0463	N	N	50	30	30	N	500	150	50	N	200	<.04	25	25	95
0464	N	N	30	15	30	N	300	150	50	N	200	<.02	20	20	90
0465	N	10	50	50	20	N	500	150	30	N	200	<.02	50	25	110
0466	N	10	70	50	50	N	700	150	70	N	70	<.10	50	30	100
0467	N	N	50	10	50	N	300	200	70	N	300	<.04	30	30	100
0468	N	N	30	20	30	N	300	200	50	N	150	<.02	30	40	120
0469	N	N	30	20	30	N	300	150	30	N	150	<.10	40	30	90
0470	N	N	50	30	30	N	500	150	30	N	150	<.04	50	30	90
0471	N	N	20	70	30	N	500	100	30	N	150	<.10	40	75	250
0472	N	N	70	50	30	N	700	150	50	N	300	<.10	30	45	70
0473	N	N	70	30	30	N	700	150	50	N	300	<.02	30	25	80
0474	N	N	30	10	50	N	300	200	70	N	300	<.02	30	25	130
0475	N	N	50	50	30	N	500	150	50	N	150	<.04	40	40	100
0476	N	N	30	30	30	N	500	200	50	N	150	<.02	40	50	180
0477	N	N	30	30	30	N	200	150	50	N	300	<.04	30	40	75
0478	N	N	30	10	30	N	300	200	70	N	150	<.02	30	30	70
0479	N	N	50	30	30	N	300	200	70	N	150	<.10	25	30	70
0480	N	N	30	30	30	N	200	200	30	N	100	<.02	20	40	70
0481	N	N	30	20	30	N	200	150	300	N	70	<.02	25	40	90
0482	N	N	70	20	50	N	200	200	30	N	150	<.02	25	40	60
0483	N	N	30	30	30	N	300	150	70	N	150	<.02	20	20	80
0484	N	N	70	20	50	N	200	200	70	N	100	<.10	20	20	100
0485	N	10	70	30	50	N	300	200	70	N	200	<.10	20	25	80
0486	N	N	70	20	30	N	200	200	70	N	150	<.10	35	25	70
0487	N	N	20	10	30	N	700	150	30	N	150	<.04	20	25	70
0488	N	N	20	<10	30	N	300	150	50	N	300	<.02	20	30	60
0489	N	N	30	20	30	N	300	150	30	N	150	<.04	30	35	100
0490	N	N	30	<10	30	N	700	150	50	N	150	--	20	30	50
0491	N	N	30	<10	50	N	500	150	50	N	200	<.10	25	30	65
0492	N	N	30	30	30	N	300	200	70	N	150	<.04	40	45	100
0493	N	N	30	30	30	N	300	150	70	N	150	<.02	30	40	120
0494	5	N	20	150	30	N	300	150	50	N	100	<.10	30	140	430

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample AA-AG-P

0450	<1.0
0451	<1.0
0452	<1.0
0453	<1.0
0454	<1.0
0455	<1.0
0456	<1.0
0457	<1.0
0458	<1.0
0459	<1.0
0460	<1.0
0461	<1.0
0462	<1.0
0463	<1.0
0464	<1.0
0465	<1.0
0466	<1.0
0467	<1.0
0468	<1.0
0469	<1.0
0470	<1.0
0471	<1.0
0472	<1.0
0473	<1.0
0474	<1.0
0475	<1.0
0476	<1.0
0477	<1.0
0478	<1.0
0479	<1.0
0480	<1.0
0481	<1.0
0482	<1.0
0483	<1.0
0484	<1.0
0485	<1.0
0486	<1.0
0487	<1.0
0488	<1.0
0489	<1.0
0490	<1.0
0491	<1.0
0492	<1.0
0493	<1.0
0494	<1.0

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	X-COORD.	Y-COORD.	S-FEX	S-MGX	S-CAZ	S-TIX	S-MN	S-AG	S-3	S-BA	S-BE	S-CO	S-CR	S-CJ	S-LA
0495	4.37	5.57	7.0	1.50	3.00	.70	3,000	N	<13	700	1.5	15	150	30	20
0496	4.25	5.79	7.0	1.50	3.00	.50	1,500	N	20	700	2.0	20	300	70	70
0497	4.24	5.27	7.0	1.50	3.00	.70	1,500	N	<13	300	2.0	30	200	30	150
0498	4.06	5.41	10.0	2.00	3.00	.70	2,000	N	<13	700	1.0	30	500	70	150
0499	3.94	5.64	7.0	1.50	3.00	.50	1,500	N	13	700	2.0	20	300	70	70
0500	3.44	5.05	7.0	1.50	3.00	.70	2,000	N	<13	700	2.0	20	150	70	30
0501	3.77	6.47	7.0	1.50	3.00	.70	1,500	N	20	500	1.5	15	200	70	30
0502	3.15	6.86	7.0	1.50	3.00	.50	1,500	N	<13	300	1.5	15	150	30	30
0503	3.24	6.12	7.0	1.50	3.00	1.00	3,000	N	<13	300	1.5	30	200	50	200
0504	3.55	7.00	7.0	1.50	2.00	1.00	3,000	N	13	700	1.5	15	200	70	150
0505	6.63	4.70	7.0	1.50	3.00	.70	1,500	N	<13	500	2.0	15	150	30	30
0506	7.02	4.68	7.0	1.50	3.00	.70	1,500	N	<13	700	1.5	30	300	50	20
0507	6.94	4.96	7.0	1.50	3.00	.70	1,500	N	<13	700	1.5	15	300	70	20
0508	6.82	5.10	7.0	1.50	3.00	.50	1,500	N	<13	700	2.0	20	200	70	20
0509	6.80	5.35	7.0	1.50	3.00	.70	1,500	N	<13	700	1.5	30	300	70	30
0510	6.82	5.70	7.0	1.50	3.00	.70	2,000	N	<13	700	1.5	30	300	70	30
0511	6.77	6.01	7.0	1.50	3.00	.50	1,500	N	<13	700	1.5	20	150	50	30
0512	7.12	4.45	7.0	1.50	3.00	.30	1,500	N	<13	700	2.0	20	300	30	70
0513	6.55	5.60	7.0	3.00	3.00	1.00	3,000	N	<13	700	2.0	20	500	70	20
0514	6.52	5.35	7.0	1.50	3.00	.70	1,500	N	<13	500	2.0	20	300	30	30
0515	6.55	5.07	7.0	1.50	2.00	.70	1,500	N	<13	700	2.0	15	150	30	70
0516	6.55	4.88	7.0	2.00	3.00	.70	1,500	N	<13	700	2.0	20	150	50	50
0517	-1.37	3.15	5.0	1.50	1.50	.50	1,000	N	20	700	2.0	15	150	30	50
0518	-1.31	3.43	7.0	1.50	3.00	.70	1,500	N	13	700	3.0	30	150	15	150
0519	-1.56	3.94	7.0	1.50	3.00	.70	2,000	N	<13	700	1.5	15	300	20	N
0520	-1.74	4.32	5.0	1.50	2.00	.50	1,500	N	<13	700	2.0	7	70	30	30
0521	-1.50	5.60	2.0	1.00	.30	.30	700	N	30	700	2.0	7	70	10	50
0522	-1.69	7.02	7.0	2.00	3.00	>1.00	3,000	N	<13	700	1.5	20	150	30	70
0523	-3.30	6.67	7.0	1.50	2.00	.30	1,500	N	<13	700	2.0	10	200	30	30
0524	-3.16	6.44	7.0	1.50	3.00	.70	2,000	N	<13	700	2.0	20	300	30	30
0525	-3.42	5.20	7.0	3.00	3.00	.70	3,000	N	<13	700	1.5	20	500	30	70
0526	-3.49	5.58	7.0	2.00	3.00	.70	2,000	N	<13	700	2.0	20	200	30	50
0527	5.80	2.34	7.0	1.50	3.00	.50	1,500	N	<13	700	2.0	15	300	30	70
0528	5.27	2.74	10.0	2.00	3.00	.70	3,000	N	<13	700	1.0	20	500	50	30
0529	5.00	2.52	7.0	2.00	2.00	.30	3,000	N	13	700	2.0	15	300	70	30
0530	7.34	4.27	7.0	3.00	3.00	1.00	2,000	N	<13	300	<1.0	30	50	70	N
0531	7.35	4.05	7.0	3.00	3.00	1.00	2,000	N	<13	500	<1.0	30	100	100	20
0532	7.23	3.70	7.0	3.00	3.00	.50	2,000	N	100	300	<1.0	20	150	70	20
0533	6.96	3.88	7.0	2.00	3.00	.70	1,500	N	50	300	1.0	30	150	50	N
0534	7.22	3.55	7.0	2.00	3.00	.30	1,500	N	<13	300	1.0	20	200	30	50
0535	7.10	3.38	7.0	2.00	3.00	.50	1,500	N	<13	300	1.0	30	200	30	20
0536	6.77	3.67	7.0	2.00	3.00	.50	1,500	N	<13	300	1.5	30	300	50	N
0537	6.83	3.50	7.0	1.50	3.00	.50	1,500	N	20	300	1.5	20	100	30	50
0538	6.94	3.17	7.0	1.50	3.00	.70	1,500	N	30	700	1.0	30	150	20	20
0539	6.74	2.98	7.0	1.50	3.00	.70	1,500	N	13	700	1.5	20	150	50	20

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	S-MO	S-NB	S-NI	S-PB	S-SC	S-SN	S-SR	S-V	S-Y	S-ZN	S-ZR	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZV-P
0495	N	N	30	50	30	N	300	200	70	N	150	<.04	30	40	110
0496	N	N	30	30	30	N	200	150	70	N	150	<.02	50	45	120
0497	N	N	50	15	30	N	300	150	70	N	150	<.04	25	40	70
0498	N	N	70	50	30	N	150	300	70	N	150	<.04	25	40	55
0499	N	N	70	30	30	N	150	150	50	N	150	<.02	30	45	90
0500	N	N	30	30	30	N	200	150	70	N	150	<.10	25	40	70
0501	N	N	30	30	30	N	100	200	30	N	150	<.02	35	40	35
0502	N	N	30	30	30	N	200	150	30	N	150	<.10	35	40	80
0503	N	N	50	70	50	N	200	300	100	N	200	<.10	20	30	60
0504	N	N	50	30	30	N	200	150	70	N	150	<.02	50	30	110
0505	N	N	30	30	30	N	300	150	70	200	150	<.04	25	35	160
0506	N	N	50	30	30	N	300	150	70	300	150	<.10	45	40	250
0507	N	N	50	50	30	N	300	150	50	N	150	<.02	35	45	85
0508	N	N	30	70	30	N	300	150	50	N	150	<.04	35	45	110
0509	N	N	50	30	50	N	300	150	50	N	100	<.02	30	50	80
0510	N	N	50	30	50	N	300	200	70	N	150	<.02	55	45	90
0511	N	N	30	30	30	N	500	150	70	N	100	<.02	40	40	90
0512	N	N	30	50	30	N	300	200	70	N	150	<.10	25	35	75
0513	N	N	50	70	30	N	300	150	70	N	150	<.10	35	55	95
0514	N	N	50	50	30	N	300	150	150	N	150	<.02	30	45	95
0515	N	N	30	30	30	N	150	150	50	N	150	<.02	30	40	100
0516	N	N	30	70	30	N	200	150	70	N	500	<.02	25	35	110
0517	N	N	30	30	20	N	200	100	50	N	150	<.02	25	35	90
0518	N	N	30	20	30	N	200	150	70	N	500	<.02	15	25	55
0519	N	N	30	10	30	N	150	150	50	N	300	<.02	10	15	50
0520	N	N	15	<10	15	N	150	70	30	N	70	<.02	15	20	55
0521	N	N	15	15	10	N	100	70	20	N	150	<.02	10	20	50
0522	N	N	30	20	30	N	300	150	70	N	500	<.02	10	20	55
0523	N	N	20	30	15	N	100	70	30	N	300	<.10	10	20	45
0524	N	N	30	10	30	N	200	150	100	N	500	<.02	10	20	45
0525	N	N	70	10	30	N	200	200	70	N	500	<.10	15	20	60
0526	N	N	30	15	30	N	150	150	100	N	700	<.04	10	20	50
0527	N	N	30	30	30	N	500	150	70	N	100	<.02	30	40	150
0528	N	N	70	30	30	N	300	300	70	N	70	<.04	30	40	190
0529	N	N	30	70	20	N	300	150	50	N	70	<.04	40	50	230
0530	N	N	30	10	30	N	300	150	30	N	70	<.02	50	10	50
0531	N	N	30	20	30	N	300	200	30	N	100	<.02	70	20	70
0532	N	N	30	15	30	N	300	150	30	N	70	<.02	75	20	70
0533	N	N	30	15	30	N	300	200	30	N	70	<.04	25	25	50
0534	N	N	30	30	30	N	300	150	30	N	70	<.02	25	40	60
0535	N	N	50	10	30	N	300	150	30	N	70	<.02	30	25	60
0536	N	N	30	20	30	N	300	150	30	N	50	<.02	40	25	60
0537	N	N	20	50	30	N	300	150	50	N	100	<.04	20	40	70
0538	N	N	20	<10	50	N	300	150	70	N	150	<.02	5	20	45
0539	N	N	30	30	50	N	500	150	70	N	200	<.02	20	20	55

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	AA-AG-P
0495	<1.0
0496	<1.0
0497	<1.0
0498	<1.0
0499	<1.0
0500	<1.0
0501	<1.0
0502	<1.0
0503	<1.0
0504	<1.0
0505	<1.0
0506	<1.0
0507	<1.0
0508	<1.0
0509	<1.0
0510	<1.0
0511	<1.0
0512	<1.0
0513	<1.0
0514	<1.0
0515	<1.0
0516	<1.0
0517	<1.0
0518	<1.0
0519	<1.0
0520	<1.0
0521	<1.0
0522	<1.0
0523	<1.0
0524	<1.0
0525	<1.0
0526	<1.0
0527	<1.0
0528	<1.0
0529	<1.0
0530	<1.0
0531	<1.0
0532	<1.0
0533	<1.0
0534	<1.0
0535	<1.0
0536	<1.0
0537	<1.0
0538	<1.0
0539	<1.0

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	X-COORD.	Y-COORD.	S-FEX	S-MGX	S-CAZ	S-TIX	S-MN	S-AG	S-3	S-BA	S-BE	S-CO	S-CR	S-CJ	S-LA
0540	6.97	4.04	7.0	1.50	3.00	.50	1,500	N	<10	700	2.0	30	150	30	30
0541	6.63	4.08	7.0	1.50	2.00	.70	1,500	N	<10	500	2.0	20	150	50	30
0542	6.10	4.30	7.0	1.50	3.00	.70	2,000	N	<10	700	1.5	30	100	50	50
0543	6.80	4.21	7.0	2.00	3.00	.70	2,000	N	<10	700	2.0	30	100	70	50
0544	6.09	4.03	7.0	1.50	3.00	1.00	2,000	N	20	300	1.5	30	300	30	30
0545	6.13	3.76	7.0	1.50	3.00	1.00	2,000	N	50	500	2.0	30	150	30	50
0546	6.22	3.54	7.0	1.50	3.00	.70	2,000	N	15	500	1.5	30	200	30	30
0548	5.74	3.57	7.0	1.50	3.00	.70	1,500	N	<10	700	1.5	30	100	70	100
0549	5.76	3.37	7.0	1.50	3.00	.50	1,500	N	10	700	1.5	30	150	70	30
0550	6.10	3.31	10.0	2.00	3.00	.70	1,500	N	<10	700	1.5	30	100	70	70
0551	6.56	3.30	7.0	2.00	3.00	.50	1,500	N	<10	700	1.5	30	200	70	50
0552	6.20	3.05	7.0	1.50	3.00	.70	1,500	N	<10	300	1.5	30	300	30	20
0553	4.90	3.21	10.0	2.00	3.00	.70	3,000	N	<10	700	1.5	30	70	70	200
0554	4.56	3.35	7.0	1.50	3.00	.70	3,000	N	<10	700	2.0	30	50	70	70
0555	5.61	5.07	7.0	1.50	3.00	.50	1,500	N	<10	500	2.0	15	70	30	50
0556	5.58	4.46	7.0	1.50	2.00	.50	1,000	N	<10	300	1.5	30	70	70	70
0557	5.32	5.54	7.0	1.50	2.00	.50	1,000	N	<10	300	1.5	15	100	50	70
0558	5.64	5.86	7.0	1.50	3.00	.70	1,000	N	<10	300	1.5	15	100	30	50
0559	5.11	5.31	7.0	1.50	2.00	.50	1,000	N	<10	300	1.5	15	70	30	50
0560	.11	3.94	7.0	2.00	3.00	.70	1,500	N	<10	200	1.5	20	150	10	50
0561	-.01	4.22	5.0	1.50	3.00	.50	700	N	<10	300	1.5	15	150	15	50
0562	.78	5.78	7.0	2.00	3.00	.50	1,500	N	<10	300	2.0	15	200	20	30
0563	.59	6.45	7.0	1.50	3.00	.50	700	N	<10	300	1.5	20	200	20	30
0564	1.69	6.29	7.0	1.50	3.00	.50	1,500	N	<10	300	1.5	15	200	20	30
0565	1.50	5.14	7.0	1.50	3.00	.50	1,000	N	<10	300	2.0	15	200	30	50
0566	1.32	4.73	7.0	1.50	3.00	.70	1,500	N	<10	300	1.0	15	150	15	N
0567	.76	4.12	7.0	2.00	3.00	.70	1,500	N	<10	300	1.5	15	200	15	N
0568	-2.06	3.30	1.5	.70	1.00	.20	700	N	<10	300	1.5	5	150	10	30
0569	-1.79	5.74	7.0	1.50	1.00	.70	1,500	N	<10	300	2.0	10	20	15	70
0570	-1.87	6.86	3.0	1.00	1.00	.20	700	N	<10	300	1.5	10	100	15	30
0571	.53	9.74	7.0	1.50	2.00	.50	1,000	N	<10	300	2.0	10	70	20	30
0572	.80	9.52	5.0	1.50	1.00	.30	1,000	N	<10	300	2.0	10	70	10	70
0573	1.03	9.25	7.0	1.50	2.00	.70	1,500	N	<10	300	1.5	10	70	15	70
0574	1.96	9.29	7.0	1.50	1.00	.70	1,000	N	<10	300	1.5	15	50	15	70
0575	2.39	9.70	7.0	1.50	1.00	.50	1,500	N	<10	300	1.5	15	70	50	50
0576	2.40	9.42	7.0	1.50	1.00	.70	1,500	N	<10	300	1.5	15	50	30	70
0577	-.30	9.46	7.0	1.50	2.00	.50	700	N	<10	300	1.5	15	150	20	50
0578	2.97	10.20	7.0	1.50	2.00	.70	700	N	<10	300	1.5	10	70	20	70
0579	3.12	9.96	7.0	1.50	3.00	1.00	1,500	N	<10	300	2.0	10	100	50	100
0580	3.35	9.71	5.0	1.50	2.00	.30	700	N	<10	300	2.0	10	50	30	50
0581	3.82	9.95	5.0	1.50	1.50	.30	1,000	N	<10	300	2.0	7	30	30	50
0582	3.70	9.55	7.0	1.00	3.00	.70	1,500	N	<10	200	1.5	15	150	30	30
0583	4.49	9.68	5.0	1.50	1.50	.50	700	N	<10	200	2.0	10	20	20	30
0584	5.03	9.53	7.0	1.50	3.00	.70	1,000	N	<10	300	1.5	10	70	15	70
0585	5.50	9.43	7.0	1.00	3.00	.70	1,000	N	<10	200	1.5	10	70	20	30

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	S-MO	S-NB	S-NI	S-PB	S-SC	S-SN	S-SR	S-V	S-Y	S-ZN	S-ZR	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZV-P
0540	N	N	30	30	30	N	300	150	70	N	100	<.10	25	25	100
0541	N	N	20	30	30	N	300	150	70	N	150	<.02	30	20	75
0542	N	N	30	30	50	N	300	150	100	N	100	<.02	30	30	80
0543	N	N	50	30	50	N	300	200	70	300	150	<.10	20	20	150
0544	N	N	30	10	50	N	300	300	100	N	200	<.02	40	20	55
0545	N	N	30	10	50	N	300	200	70	N	150	<.02	10	30	50
0546	N	N	30	15	30	N	300	200	70	N	150	<.02	30	20	75
0548	N	N	50	30	50	N	300	200	100	N	100	<.02	55	40	90
0549	N	N	50	50	30	N	300	300	70	N	70	<.04	50	25	95
0550	N	N	50	30	50	N	300	300	100	200	150	<.04	30	25	130
0551	N	N	50	20	30	N	500	200	70	N	150	<.02	10	20	50
0552	N	N	50	30	50	N	300	200	70	N	150	<.02	25	40	70
0553	N	N	20	50	70	N	200	300	150	N	150	<.02	35	40	110
0554	N	N	20	30	30	N	300	200	100	N	150	<.02	35	25	100
0555	N	N	20	50	30	N	200	150	70	N	200	<.02	25	40	70
0556	N	N	30	30	30	N	300	150	70	N	150	<.02	200	40	120
0557	N	N	20	20	20	N	200	150	50	N	70	<.02	45	40	90
0558	N	N	30	10	30	N	300	150	30	N	70	<.04	35	40	85
0559	N	N	15	30	20	N	200	150	50	N	150	<.02	30	40	120
0560	N	N	30	N	30	N	200	200	70	N	300	<.02	20	20	30
0561	N	N	30	10	20	N	200	150	30	N	300	<.02	100	40	70
0562	N	N	30	N	30	N	300	150	50	N	150	<.10	25	20	55
0563	N	N	30	N	30	N	150	150	70	N	300	<.02	15	20	45
0564	N	N	30	10	30	N	200	150	50	N	200	<.02	15	20	50
0565	N	N	20	20	20	N	200	150	50	N	200	<.04	30	35	60
0566	N	N	30	15	30	N	200	150	70	N	300	<.04	15	25	50
0567	N	N	30	20	30	N	200	150	30	N	150	<.10	15	25	50
0568	N	N	10	10	10	N	150	70	20	N	150	<.02	10	15	40
0569	N	N	30	10	30	N	150	150	70	N	300	<.04	10	20	55
0570	N	N	15	10	15	N	150	70	20	N	70	<.02	10	15	40
0571	N	N	20	<10	30	N	200	100	30	N	100	<.02	20	20	60
0572	N	N	15	10	15	N	150	70	50	N	150	<.02	10	20	60
0573	N	N	30	<10	30	N	150	100	50	N	300	<.02	10	25	70
0574	N	N	30	10	20	N	150	150	50	N	100	<.02	30	15	80
0575	N	N	30	10	20	N	150	100	30	N	150	<.02	40	45	100
0576	N	N	30	10	20	N	150	150	50	N	200	<.10	25	20	90
0577	N	N	30	10	15	N	200	150	150	N	70	<.02	35	20	60
0578	N	N	20	10	15	N	200	100	70	N	200	<.04	30	15	70
0579	N	N	30	15	20	N	200	150	70	N	200	<.10	60	20	90
0580	N	N	15	20	15	N	150	70	30	N	300	<.02	25	20	100
0581	N	N	15	15	15	N	100	70	30	N	100	<.02	30	25	100
0582	N	N	30	10	20	N	100	150	70	N	300	<.02	20	30	65
0583	N	N	15	10	15	N	<100	100	70	N	300	<.02	20	40	80
0584	N	N	20	15	15	N	100	100	30	N	200	<.02	20	40	90
0585	N	N	15	10	15	N	100	100	70	N	150	<.02	20	25	70

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	AA-AG-P
0540	<1.0
0541	<1.0
0542	<1.0
0543	<1.0
0544	<1.0
0545	<1.0
0546	<1.0
0548	<1.0
0549	<1.0
0550	<1.0
0551	<1.0
0552	<1.0
0553	<1.0
0554	<1.0
0555	<1.0
0556	<1.0
0557	<1.0
0558	<1.0
0559	<1.0
0560	<1.0
0561	<1.0
0562	<1.0
0563	<1.0
0564	<1.0
0565	<1.0
0566	<1.0
0567	<1.0
0568	<1.0
0569	<1.0
0570	<1.0
0571	<1.0
0572	<1.0
0573	<1.0
0574	<1.0
0575	<1.0
0576	<1.0
0577	<1.0
0578	<1.0
0579	<1.0
0580	<1.0
0581	<1.0
0582	<1.0
0583	<1.0
0584	<1.0
0585	<1.0

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	X-COORD.	Y-COORD.	S-FEZ	S-WGZ	S-CAZ	S-TIX	S-MN	S-AG	S-3	S-BA	S-BE	S-CO	S-CR	S-CJ	S-LA
0586	5.05	8.56	5.0	1.50	2.00	.50	1,000	N	<10	300	1.5	10	50	15	70
0587	5.79	8.48	5.0	1.50	2.00	.50	700	N	<10	300	1.5	10	70	20	30
0588	5.03	7.94	7.0	1.50	3.00	.70	2,000	N	<10	300	1.5	10	70	30	30
0589	3.23	9.39	7.0	1.50	3.00	.70	1,500	N	<10	200	3.0	15	300	20	50
0590	3.50	9.27	7.0	1.50	3.00	.70	2,000	N	<10	300	1.0	15	500	30	50
0773	-8.80	11.94	3.0	.70	1.50	.70	1,000	N	20	200	1.5	10	200	30	70
0774	-8.25	11.81	5.0	.70	1.50	.30	5,000	N	<10	300	1.0	15	200	30	50
0775	-6.97	12.21	2.0	.70	.70	.20	500	N	50	150	1.5	7	50	30	20
0776	-6.64	14.63	5.0	.70	1.00	.50	1,000	N	20	150	<1.0	15	70	30	30
0777	-6.87	14.90	10.0	1.50	5.00	1.00	1,500	N	10	200	<1.0	20	100	30	30
0778	-6.16	13.32	10.0	1.50	2.00	.70	1,500	N	10	200	<1.0	20	100	50	30
0779	-6.06	12.70	10.0	3.00	7.00	.50	1,500	N	10	200	<1.0	30	150	70	30
0780	-6.04	12.55	7.0	1.00	1.00	.30	1,000	<.5	20	200	1.5	10	150	200	30
0781	-5.71	12.03	7.0	1.00	1.50	.50	1,500	N	10	200	1.0	10	100	150	20
0782	-6.96	11.47	3.0	.70	1.00	.30	700	<.5	50	150	1.0	7	50	50	50
0783	-5.42	11.56	7.0	1.50	3.00	.70	1,500	N	10	200	1.0	20	100	50	20
0784	-5.20	11.73	7.0	2.00	5.00	.50	1,500	N	10	300	1.0	30	100	70	20
0785	-6.65	12.49	3.0	.70	1.00	.30	1,000	N	30	150	<1.0	7	70	20	20
0786	-8.37	12.12	10.0	1.00	1.50	>1.00	2,000	N	15	150	<1.0	20	>5,000	30	200
0787	-7.92	12.88	5.0	.70	1.00	.50	700	<.5	50	150	1.0	10	70	300	50
0788	-6.39	10.90	3.0	.70	1.00	.30	1,000	<.5	50	150	1.5	7	70	150	20
0789	-6.70	11.03	2.0	.50	.30	.30	700	N	50	150	1.5	5	50	20	30
0790	-6.16	10.23	2.0	.70	.50	.30	700	N	50	150	1.0	5	50	15	N
0791	-6.00	10.07	1.5	.50	.30	.30	700	N	50	150	1.0	<5	30	15	N
0792	-5.55	11.01	2.0	.50	.70	.20	1,000	N	10	70	2.0	5	30	5	20
0793	-5.38	10.33	7.0	1.50	1.50	.50	1,500	N	15	150	1.0	15	100	30	20
0794	-5.09	12.27	5.0	1.00	1.50	.30	1,500	N	20	200	1.5	10	70	30	30
0795	-3.99	13.02	7.0	1.00	1.50	.20	1,500	N	10	200	1.0	15	70	30	50
0796	-4.37	12.81	5.0	1.00	1.50	.30	1,000	N	15	150	1.5	10	70	30	20
0797	-4.63	13.08	7.0	1.00	1.00	.30	2,000	N	15	300	1.5	15	70	30	30
0798	-4.55	13.57	7.0	1.00	1.50	.30	2,000	N	15	300	1.5	15	70	30	30
0799	-4.82	13.26	5.0	1.00	1.00	.70	1,500	N	20	300	1.5	10	50	30	50
0800	-5.26	13.18	5.0	.70	1.00	.50	1,500	N	20	300	1.0	10	70	30	50
0801	-6.56	15.17	7.0	1.50	2.00	.50	1,500	N	15	200	1.0	15	100	30	50
0802	-6.12	15.44	7.0	1.00	2.00	.70	1,000	N	15	300	1.0	15	70	30	50
0803	-6.22	15.10	10.0	1.00	5.00	.70	1,500	N	10	300	1.0	20	70	30	70
0804	-6.00	14.36	10.0	1.00	2.00	.50	1,500	N	10	300	1.5	15	70	20	50
0805	-5.39	14.40	7.0	.50	.70	.30	1,500	N	10	500	1.5	10	50	30	50
0806	-4.90	14.49	7.0	1.50	2.00	.70	2,000	N	<10	200	1.0	15	100	20	50
0807	-4.92	14.67	7.0	2.00	3.00	.50	2,000	N	10	200	<1.0	20	150	30	30
0808	-5.40	14.82	7.0	2.00	2.00	.50	1,500	N	20	200	1.0	20	150	30	70
0809	-5.68	15.66	5.0	.70	1.50	.50	1,500	N	20	200	1.0	10	100	20	30
0810	-8.32	16.39	10.0	3.00	7.00	1.00	2,000	N	<10	200	<1.0	20	150	30	50
0811	-8.29	16.10	10.0	2.00	5.00	.70	1,500	N	10	300	1.0	20	150	30	70
0812	-8.32	13.64	3.0	.70	.70	.50	1,000	N	50	150	1.5	7	70	30	30

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado.

sample	S-MO	S-NB	S-NI	S-PB	S-SC	S-SN	S-SR	S-V	S-Y	S-ZN	S-ZR	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P
0586	N	N	15	10	15	N	100	100	100	N	150	<.02	10	35	65
0587	N	N	20	10	15	N	150	100	50	N	150	<.02	20	45	110
0588	N	N	15	15	30	N	100	150	70	N	70	<.02	35	40	100
0589	N	N	30	10	20	N	100	150	50	N	150	<.10	30	40	90
0590	N	N	50	10	15	N	100	150	30	N	150	<.10	10	40	85
0773	N	<20	50	30	15	10	150	150	20	N	300	N	20	35	60
0774	N	N	30	15	15	N	100	100	30	N	200	--	35	20	110
0775	N	N	20	10	10	N	100	100	20	N	150	N	15	25	65
0776	N	<20	30	10	20	N	150	150	20	N	200	N	20	20	75
0777	N	<20	30	15	30	N	200	300	30	N	200	N	20	20	40
0778	N	<20	30	20	30	N	150	300	50	N	300	N	30	20	60
0779	N	<20	50	30	30	N	300	300	30	N	150	N	30	20	90
0780	N	<20	50	100	15	N	150	150	30	N	150	--	220	20	90
0781	N	<20	30	30	15	N	200	150	20	N	200	--	120	20	110
0782	N	<20	20	15	10	N	100	100	20	N	300	N	45	15	55
0783	N	<20	30	10	30	N	150	300	30	N	150	N	40	20	60
0784	N	<20	50	100	30	50	500	300	20	N	100	N	40	10	25
0785	N	<20	20	N	15	N	150	150	15	N	200	N	10	15	40
0786	N	20	30	20	30	N	150	300	200	N	>1,000	N	15	20	45
0787	N	<20	20	20	15	N	150	100	50	N	300	N	250	20	50
0788	N	<20	20	15	15	N	100	100	20	N	200	N	90	20	65
0789	N	<20	15	15	7	N	150	70	20	N	200	N	15	25	80
0790	N	<20	15	N	7	N	100	70	15	N	300	N	10	10	30
0791	N	N	10	N	5	N	100	50	15	N	300	N	25	10	30
0792	N	N	5	15	7	N	N	70	100	N	200	N	10	10	55
0793	N	<20	30	15	20	N	150	200	20	N	200	N	20	15	65
0794	N	<20	30	30	15	N	200	150	20	N	200	N	30	30	85
0795	N	<20	20	20	15	N	150	150	20	N	100	--	30	25	70
0796	N	<20	20	50	15	N	150	150	30	N	200	N	30	25	55
0797	N	<20	20	30	15	N	150	150	30	N	300	N	30	25	100
0798	N	<20	30	30	15	N	150	200	30	N	200	--	20	20	70
0799	N	<20	20	50	15	N	200	150	30	N	500	--	25	20	90
0800	N	N	20	30	15	<10	150	150	20	N	500	--	20	25	80
0801	N	<20	30	30	15	N	200	150	30	N	150	N	25	20	70
0802	N	<20	20	30	20	N	200	300	30	N	300	N	25	15	60
0803	N	<20	20	20	30	N	200	300	30	N	300	N	20	20	65
0804	N	<20	20	50	20	N	200	200	20	N	300	N	10	20	60
0805	N	<20	20	70	7	N	150	70	20	N	200	--	20	10	45
0806	N	<20	30	20	30	20	150	300	30	N	300	--	20	10	40
0807	N	<20	50	20	30	N	150	300	30	N	200	N	20	15	60
0808	N	<20	50	50	20	N	150	200	30	N	300	N	15	20	60
0809	N	<20	20	50	15	N	200	200	20	N	300	N	15	20	65
0810	N	<20	70	<10	50	N	150	200	150	N	700	N	10	10	70
0811	N	<20	50	20	50	N	150	200	100	N	700	N	15	15	85
0812	N	<20	20	20	10	N	100	100	30	N	300	N	10	15	55

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	AA-AG-P
0586	<1.0
0587	<1.0
0588	<1.0
0589	<1.0
0590	<1.0
0773	N
0774	N
0775	N
0776	N
0777	N
0778	N
0779	N
0780	N
0781	N
0782	N
0783	N
0784	N
0785	N
0786	N
0787	N
0788	N
0789	N
0790	N
0791	N
0792	N
0793	N
0794	N
0795	N
0796	N
0797	N
0798	N
0799	N
0800	N
0801	N
0802	N
0803	N
0804	N
0805	N
0806	N
0807	N
0808	N
0809	N
0810	N
0811	N
0812	N

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	X-COORD.	Y-COORD.	S-FEX	S-MG%	S-CA%	S-TIX	S-MN	S-AG	S-3	S-BA	S-BE	S-CO	S-CR	S-CJ	S-LA
0813	-7.45	16.04	7.0	1.00	2.00	.70	2,000	N	10	200	1.0	15	100	30	70
0814	-6.39	16.38	10.0	5.00	7.00	.70	2,000	N	10	150	1.0	30	300	30	20
0815	-6.21	16.20	10.0	1.50	3.00	.50	5,000	N	<10	200	1.0	20	100	20	50
0816	-5.81	16.46	7.0	1.00	1.50	.50	1,500	N	10	200	1.0	10	70	15	70
0817	-5.19	.02	15.0	1.00	5.00	>1.00	3,000	N	<10	150	<1.0	15	150	10	70
0818	-6.71	17.63	7.0	1.00	2.00	.50	1,500	N	<10	150	<1.0	20	100	15	50
0819	-6.38	17.71	7.0	.70	1.50	.50	1,500	N	10	150	1.5	15	70	20	70
0820	-.87	20.59	7.0	1.50	2.00	1.00	2,000	N	<10	150	<1.0	20	70	10	30
0821	.31	22.33	7.0	1.50	2.00	.30	1,500	N	<10	150	<1.0	15	100	30	20
0822	.35	22.71	7.0	1.50	2.00	.70	2,000	N	<10	150	1.0	30	150	20	30
0823	-1.50	20.61	15.0	2.00	5.00	>1.00	>5,000	N	<10	100	<1.0	50	150	10	100
0824	-.22	20.15	10.0	2.00	3.00	.50	2,000	N	<10	150	1.0	20	100	15	70
0825	-.05	19.92	10.0	1.50	5.00	1.00	2,000	N	10	200	<1.0	30	150	30	100
0826	-.44	19.63	7.0	1.00	2.00	.50	1,500	N	<10	150	1.0	10	50	10	30
0827	.18	19.52	7.0	1.00	2.00	.50	1,500	N	<10	150	1.0	10	70	10	70
0828	-.29	18.98	10.0	1.00	2.00	.50	2,000	N	<10	150	1.0	10	70	20	100
0829	.30	16.27	7.0	1.00	2.00	.50	1,500	N	<10	150	1.5	10	50	10	50
0830	-1.42	20.31	7.0	1.50	5.00	.70	1,500	N	<10	200	1.5	15	70	15	30
0831	-.51	19.87	10.0	1.00	5.00	1.00	1,500	N	<10	150	1.0	20	70	15	30
0832	-.31	19.16	10.0	1.50	5.00	1.00	1,500	N	<10	150	1.0	30	70	15	30
0833	-.79	18.84	7.0	1.00	5.00	.30	1,500	N	<10	150	1.5	15	50	10	30
0834	-.63	18.56	7.0	1.50	5.00	.50	1,000	N	<10	150	1.0	20	100	50	30
0835	-.67	18.35	7.0	1.00	5.00	.70	1,500	N	<10	150	1.0	15	50	20	30
0836	-.13	18.28	7.0	1.00	2.00	.50	1,000	N	<10	150	1.5	15	50	20	30
0837	-1.21	18.12	5.0	1.50	2.00	1.00	1,500	N	<10	150	1.0	20	70	20	30
0838	-.84	17.93	7.0	.70	2.00	.50	1,000	N	10	150	1.0	10	30	70	50
0839	-.99	17.37	7.0	1.50	3.00	.50	1,500	N	<10	200	1.0	20	20	70	20
0840	-.54	17.03	7.0	1.00	2.00	.30	1,500	N	<10	150	<1.0	20	50	50	30
0841	-.28	17.50	7.0	1.00	3.00	.50	1,000	N	10	150	1.0	15	50	10	20
0842	.05	16.76	5.0	1.00	3.00	.30	1,500	N	<10	150	1.0	15	50	10	30
0843	.43	16.70	7.0	.70	2.00	.30	1,000	N	<10	150	1.5	15	30	15	30
0844	-1.52	19.96	5.0	1.50	2.00	.30	1,000	N	<10	150	<1.0	20	100	50	30
0845	.11	15.42	7.0	1.00	2.00	.50	1,500	N	10	150	1.0	10	30	20	30
0846	.59	16.50	10.0	1.00	2.00	.30	2,000	N	<10	150	1.5	15	50	20	50
0847	.84	17.17	7.0	1.00	3.00	.50	1,500	N	<10	150	1.0	20	100	30	30
0848	.07	17.19	10.0	3.00	5.00	1.00	2,000	N	<10	150	<1.0	30	150	50	30
0849	-.11	17.38	10.0	3.00	5.00	.70	1,500	N	<10	200	<1.0	20	100	50	50
0850	-.36	17.77	7.0	1.00	1.50	.50	1,500	N	10	150	1.0	10	70	30	50
0851	-1.91	19.26	7.0	3.00	2.00	.50	1,500	N	<10	150	1.0	20	200	20	50
0852	-1.39	17.63	10.0	3.00	5.00	.50	1,500	N	<10	150	1.0	20	100	20	30
0853	-1.74	17.29	10.0	2.00	5.00	.70	1,500	N	<10	150	1.0	20	70	30	30
0854	-2.92	16.79	7.0	3.00	3.00	.50	1,500	N	<10	150	<1.0	20	150	50	20
0855	-3.05	16.61	7.0	1.00	3.00	.50	1,000	N	<10	100	1.0	15	70	20	20
0856	-3.01	18.28	7.0	2.00	5.00	.70	1,000	N	<10	150	1.0	20	100	20	30
0857	-2.96	18.56	10.0	3.00	5.00	1.00	1,500	N	<10	150	<1.0	20	150	30	20

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	S-MO	S-NB	S-NI	S-PB	S-SC	S-SN	S-SR	S-V	S-Y	S-ZN	S-ZR	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZV-P
0813	N	<20	20	30	20	N	150	200	50	N	300	N	20	20	100
0814	N	<20	70	15	70	N	150	300	30	N	300	N	15	10	50
0815	N	<20	50	30	20	N	200	200	20	N	200	--	20	25	90
0816	N	<20	30	30	20	N	200	200	50	N	200	N	15	20	50
0817	N	<20	20	N	30	N	150	300	100	N	1,000	N	10	10	40
0818	N	<20	30	15	20	N	150	150	30	N	150	N	15	20	70
0819	N	<20	20	30	15	N	200	150	50	N	150	--	20	25	70
0820	N	<20	20	10	30	N	200	200	70	N	300	N	10	10	55
0821	N	<20	20	10	20	N	300	200	30	N	100	N	20	10	55
0822	N	<20	30	20	30	N	200	200	50	N	300	--	20	15	50
0823	N	<20	30	15	70	N	150	300	150	N	1,000	N	5	10	40
0824	N	<20	20	15	50	N	200	200	70	N	200	N	15	15	70
0825	N	<20	50	20	50	N	200	300	100	N	300	N	25	20	70
0826	N	<20	20	10	15	N	200	150	50	N	700	N	10	10	50
0827	N	<20	20	15	20	N	150	150	70	N	500	--	15	10	80
0828	N	<20	20	20	30	N	150	150	150	N	700	N	20	15	90
0829	N	<20	20	20	20	N	300	200	30	N	300	N	10	15	60
0830	N	<20	20	15	20	N	200	200	50	N	300	N	10	10	40
0831	N	<20	30	10	30	N	150	200	70	N	1,000	N	10	10	35
0832	N	<20	30	10	30	N	200	200	70	N	300	N	15	15	55
0833	N	<20	20	10	20	N	200	200	30	N	200	N	15	15	50
0834	N	<20	30	50	30	N	200	200	30	N	150	N	55	35	130
0835	N	<20	20	15	20	N	200	200	30	N	700	N	15	10	60
0836	N	<20	20	20	20	N	200	150	50	N	200	N	10	10	45
0837	N	<20	30	10	30	N	200	200	70	N	700	N	10	10	40
0838	N	<20	15	70	15	N	200	100	30	N	150	N	40	25	130
0839	N	<20	30	20	20	N	300	150	30	N	100	N	45	20	100
0840	N	<20	30	10	20	N	200	150	30	N	70	N	45	20	90
0841	N	N	30	10	20	N	200	150	30	N	300	N	10	10	25
0842	N	N	20	30	20	N	200	150	20	N	150	N	10	15	75
0843	N	<20	20	10	15	N	200	100	30	N	300	N	10	10	35
0844	N	<20	30	20	20	N	200	150	30	N	150	N	30	15	50
0845	N	<20	20	15	15	N	200	200	20	N	300	N	5	10	45
0846	N	<20	20	20	20	N	200	150	70	N	100	--	15	20	80
0847	N	<20	50	10	20	N	200	300	50	N	200	--	20	15	60
0848	N	<20	30	15	30	N	300	300	50	N	300	N	20	15	60
0849	N	<20	30	15	30	N	300	300	50	N	300	N	20	10	50
0850	N	<20	20	15	20	N	200	150	50	N	200	N	35	20	95
0851	N	<20	50	15	20	N	200	200	30	N	300	N	15	10	40
0852	N	<20	30	20	30	N	200	200	50	N	300	N	15	20	45
0853	N	<20	30	20	30	N	300	200	50	N	200	N	20	20	130
0854	N	<20	30	10	30	N	300	300	30	N	100	N	45	20	80
0855	N	<20	20	<10	20	N	300	150	30	N	200	N	10	10	35
0856	N	<20	20	15	30	N	300	300	30	N	150	N	15	15	50
0857	N	<20	30	10	30	N	200	300	30	N	300	N	20	10	50

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample AA-AG-P

0813	N
0814	N
0815	N
0816	N
0817	N
0818	N
0819	N
0820	N
0821	N
0822	N
0823	N
0824	N
0825	N
0826	N
0827	N
0828	N
0829	N
0830	N
0831	N
0832	N
0833	N
0834	N
0835	N
0836	N
0837	N
0838	N
0839	N
0840	N
0841	N
0842	N
0843	N
0844	N
0845	N
0846	N
0847	N
0848	N
0849	N
0850	N
0851	N
0852	N
0853	N
0854	N
0855	N
0856	N
0857	N

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	X-COORD.	Y-COORD.	S-FE%	S-MG%	S-CA%	S-TIX	S-MN	S-AG	S-3	S-BA	S-BE	S-CO	S-CR	S-CJ	S-LA
0858	-2.86	19.36	7.0	2.00	5.00	.70	1,000	N	<10	200	1.0	20	150	20	20
0859	-3.22	20.20	7.0	3.00	5.00	.70	1,500	N	10	150	1.0	20	100	20	20
0860	-2.64	20.69	7.0	2.00	5.00	1.00	1,500	N	<10	200	1.0	20	100	20	50
0861	-2.41	17.86	10.0	3.00	5.00	1.00	2,000	N	<10	150	<1.0	20	100	20	20
0862	-2.28	18.08	10.0	3.00	5.00	1.00	1,500	N	<10	150	<1.0	20	100	70	30
0863	-2.24	18.34	10.0	3.00	5.00	1.00	1,500	N	<10	150	<1.0	20	100	30	20
0864	-2.38	19.12	10.0	3.00	5.00	1.00	1,500	N	<10	150	<1.0	30	200	20	20
0865	-3.79	15.37	7.0	2.00	5.00	1.00	2,000	N	<10	150	<1.0	15	70	7	<20
0866	-4.26	15.55	7.0	1.50	1.50	.50	1,500	N	10	150	1.0	10	100	70	50
0867	-3.92	16.27	5.0	1.00	3.00	.50	1,500	N	<10	150	1.0	10	70	30	20
0868	-3.94	16.52	10.0	2.00	3.00	.70	2,000	N	<10	150	1.0	20	100	30	50
0869	-3.61	16.84	7.0	2.00	5.00	.70	1,500	N	10	200	1.0	15	100	30	30
0870	-3.81	17.09	7.0	1.50	3.00	.50	1,500	N	<10	200	1.5	15	100	20	100
0871	-3.27	17.38	7.0	1.50	3.00	.50	1,500	N	10	200	1.5	15	100	30	50
0872	-3.55	18.07	10.0	2.00	7.00	1.00	2,000	N	<10	150	<1.0	15	100	20	70
0873	-3.11	19.10	7.0	1.50	5.00	.30	1,500	N	<10	150	1.0	20	100	30	<20
0874	-2.93	16.32	10.0	5.00	10.00	.50	1,500	N	<10	150	<1.0	30	300	50	30
0875	-4.21	15.90	7.0	1.50	2.00	.30	2,000	N	<10	150	1.0	20	70	30	30
0876	-4.30	16.21	7.0	2.00	2.00	.50	2,000	N	10	200	1.5	20	70	50	30
0877	-4.37	16.49	1.5	.50	.70	.20	1,000	N	10	150	3.0	<5	30	15	100
0878	-4.43	16.78	7.0	.70	1.50	.50	1,000	N	10	200	1.5	10	100	15	150
0879	-4.42	17.04	5.0	1.00	1.50	.50	1,000	N	10	300	1.5	10	100	15	70
0880	-4.20	17.39	7.0	2.00	2.00	.70	1,500	N	10	200	1.0	20	150	20	70
0881	-6.04	17.83	7.0	1.00	2.00	.50	1,500	N	10	200	1.5	15	100	50	70
0882	-5.89	17.45	7.0	1.00	1.50	.70	1,500	N	10	200	1.5	15	150	30	100
0883	-5.91	17.71	7.0	.70	1.50	.50	1,500	N	10	150	1.5	10	150	20	70
0884	-6.49	18.47	5.0	1.00	2.00	.50	2,000	N	10	200	1.5	10	100	50	70
0885	-7.50	18.17	5.0	2.00	3.00	.50	1,500	N	<10	150	1.0	20	200	30	30
0886	-7.05	18.01	7.0	3.00	5.00	.70	2,000	N	<10	150	1.0	30	200	30	20
0887	-6.06	19.00	7.0	1.50	2.00	.50	1,500	N	<10	150	1.0	15	100	50	20
0888	-6.48	18.69	7.0	1.00	2.00	.50	1,500	N	<10	150	1.0	15	100	20	70
0889	-7.58	18.81	10.0	3.00	5.00	.70	1,500	N	<10	150	<1.0	50	200	50	20
0890	-6.89	18.84	5.0	2.00	1.50	.30	1,500	N	10	200	1.0	15	150	30	50
0891	-6.68	19.07	5.0	1.00	1.50	.50	1,500	N	10	200	1.0	15	150	30	100
0892	-7.02	19.55	10.0	5.00	7.00	1.00	2,000	N	<10	100	<1.0	30	300	30	<20
0893	-6.82	19.30	7.0	3.00	5.00	.70	2,000	N	10	200	<1.0	20	150	30	20
0894	-6.36	20.13	7.0	3.00	3.00	.70	2,000	N	<10	100	<1.0	20	200	30	20
0895	-7.70	19.66	7.0	3.00	5.00	.70	1,500	N	<10	150	<1.0	20	300	30	20
0896	-7.59	19.86	7.0	3.00	5.00	.70	2,000	N	<10	150	<1.0	30	300	50	20
0897	-6.65	19.90	7.0	3.00	5.00	.70	1,500	N	<10	150	<1.0	20	300	50	20
0898	-8.54	18.69	7.0	3.00	5.00	.50	1,500	N	<10	150	<1.0	50	200	50	<20
0899	-7.84	20.38	10.0	3.00	5.00	1.00	2,000	N	<10	150	N	50	300	50	20
0900	-8.64	14.91	7.0	3.00	5.00	.50	2,000	N	<10	150	<1.0	30	200	50	20
0901	-8.81	15.06	7.0	3.00	5.00	.70	2,000	N	<10	150	<1.0	30	150	50	20
0902	-8.35	17.20	15.0	1.00	7.00	1.00	5,000	N	<10	300	1.5	15	50	5	70

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	S-MO	S-NB	S-NI	S-PB	S-SC	S-SN	S-SR	S-V	S-Y	S-ZN	S-ZR	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZV-P
0858	N	<20	50	10	30	N	200	200	20	N	300	N	20	10	50
0859	N	<20	30	10	30	N	200	200	30	N	200	N	20	15	50
0860	N	<20	20	10	30	N	200	200	50	N	300	N	10	10	30
0861	N	<20	30	10	30	N	200	300	30	N	300	--	20	20	80
0862	N	<20	30	10	50	N	200	200	50	N	1,000	N	15	10	50
0863	N	<20	30	10	50	N	200	300	30	N	500	N	20	15	55
0864	N	<20	70	10	50	N	200	300	30	N	200	N	15	10	35
0865	N	<20	30	10	30	N	200	200	30	N	150	N	10	10	45
0866	N	<20	30	50	20	N	150	200	30	N	100	N	60	30	90
0867	N	<20	20	15	20	N	200	100	20	N	200	N	10	15	40
0868	N	<20	30	15	30	N	200	200	30	N	150	N	10	15	45
0869	N	<20	20	20	30	N	300	200	30	N	200	N	15	15	60
0870	N	<20	30	30	20	N	200	200	70	N	300	N	15	15	55
0871	N	<20	30	20	20	N	150	200	30	N	300	N	15	20	60
0872	N	N	30	10	30	N	200	300	50	N	300	N	10	15	40
0873	N	<20	30	15	20	N	200	150	20	N	300	N	10	15	40
0874	N	N	50	10	30	N	300	300	20	N	70	N	40	20	55
0875	N	<20	30	15	20	N	150	200	30	N	100	--	30	30	110
0876	N	<20	20	30	20	N	150	200	50	N	200	--	25	20	75
0877	N	<20	7	70	15	N	100	50	30	N	200	N	10	25	60
0878	N	<20	20	50	15	N	150	150	70	N	150	N	10	30	55
0879	N	<20	20	50	15	<10	150	150	30	N	150	N	15	20	70
0880	N	<20	30	20	20	N	200	200	50	N	100	N	20	20	80
0881	N	<20	20	30	15	N	150	150	100	N	100	N	40	20	70
0882	N	<20	20	50	15	N	150	200	70	N	100	N	15	30	70
0883	N	<20	20	30	15	N	150	200	30	N	150	N	10	25	60
0884	N	<20	20	30	20	N	200	150	50	N	150	N	35	25	80
0885	N	<20	30	20	20	N	150	200	20	N	100	--	20	20	50
0886	N	N	50	10	30	N	150	300	50	N	200	N	15	25	50
0887	N	N	20	10	20	N	150	200	20	N	100	N	35	25	75
0888	N	<20	20	20	20	N	150	200	50	N	200	N	10	20	50
0889	N	<20	70	<10	30	N	200	300	30	N	150	N	30	15	40
0890	N	<20	20	20	15	N	150	150	20	N	200	N	20	20	90
0891	N	<20	20	20	15	N	200	200	30	N	150	N	25	20	70
0892	N	N	50	N	30	N	200	300	30	N	200	N	25	20	45
0893	N	<20	50	10	20	N	200	200	20	N	200	N	25	15	50
0894	N	N	50	10	20	N	150	300	20	N	200	N	25	15	40
0895	N	<20	70	10	30	N	200	300	20	N	300	N	15	15	20
0896	N	N	100	10	30	N	200	300	20	N	150	N	30	20	55
0897	N	<20	100	10	20	N	200	200	20	N	200	N	35	20	50
0898	N	<20	100	10	30	N	200	300	30	N	150	N	45	20	55
0899	N	<20	70	<10	30	N	200	300	30	N	300	N	20	20	55
0900	N	<20	50	10	30	N	200	200	30	N	100	N	20	10	35
0901	N	<20	50	<10	30	N	200	200	30	N	200	N	20	15	60
0902	N	20	7	10	70	N	150	70	150	N	1,000	N	5	20	90

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample AA-AG-P

0858	N
0859	N
0860	N
0861	N
0862	N
0863	N
0864	N
0865	N
0866	N
0867	N
0868	N
0869	N
0870	N
0871	N
0872	N
0873	N
0874	N
0875	N
0876	N
0877	N
0878	N
0879	N
0880	N
0881	N
0882	N
0883	N
0884	N
0885	N
0886	N
0887	N
0888	N
0889	N
0890	N
0891	N
0892	N
0893	N
0894	N
0895	N
0896	N
0897	N
0898	N
0899	N
0900	N
0901	N
0902	N

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	X-COORD.	Y-COORD.	S-FEZ	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-3	S-BA	S-BE	S-CO	S-CR	S-CU	S-LA
0903	-9.89	16.73	10.0	3.00	5.00	.70	1,500	N	<13	150	<1.0	30	200	50	20
0904	-9.58	16.52	10.0	3.00	5.00	.70	2,000	N	<13	200	<1.0	30	200	50	30
0905	-9.29	16.29	7.0	2.00	5.00	.50	1,500	N	<13	200	1.0	20	150	50	30
0906	-8.21	17.63	10.0	3.00	5.00	1.00	2,000	N	<13	200	<1.0	30	200	50	20
0907	-9.29	18.45	10.0	3.00	5.00	1.00	1,500	N	<13	150	<1.0	30	150	30	20
0908	-9.25	14.64	3.0	.70	1.00	.30	1,000	N	15	150	1.0	7	70	20	20
0909	-9.07	16.93	10.0	3.00	5.00	.70	2,000	N	<13	200	<1.0	30	150	50	30
0910	-9.25	17.31	10.0	3.00	5.00	.70	2,000	N	<13	150	<1.0	50	200	50	20
911	-6.58	21.41	10.0	5.00	5.00	.70	1,500	N	13	500	<1.0	30	700	20	N
912	-5.97	20.77	7.0	3.00	5.00	.30	1,000	N	13	700	1.0	30	100	20	100
913	-6.75	22.71	15.0	3.00	5.00	.70	1,000	N	13	500	<1.0	30	200	20	20
914	-7.47	21.66	7.0	5.00	7.00	1.00	1,500	N	<13	700	<1.0	30	1,000	20	20
915	-6.16	21.85	7.0	2.00	1.50	.50	700	N	23	500	<1.0	20	200	10	20
916	-5.75	22.23	7.0	3.00	3.00	.50	1,000	N	23	700	1.5	20	200	20	20
917	-8.16	22.30	15.0	3.00	5.00	.70	1,500	N	13	700	<1.0	30	200	15	N
918A	-6.12	22.23	7.0	3.00	3.00	.70	700	N	23	700	<1.0	20	200	15	20
918B	-3.65	20.32	15.0	3.00	5.00	.70	1,500	N	13	500	1.0	30	150	15	50
919	-4.08	19.69	7.0	2.00	3.00	.30	1,000	N	13	300	1.5	30	70	15	20
920	-4.73	19.44	7.0	2.00	3.00	.30	1,000	N	13	500	2.0	30	70	15	N
921	-5.21	19.28	7.0	2.00	3.00	.20	1,000	N	23	700	2.0	30	70	20	20
922	-4.98	19.66	7.0	1.50	1.50	.30	1,000	N	20	700	2.0	30	70	15	30
923	-4.81	20.24	7.0	3.00	2.00	.50	1,000	N	13	700	1.5	20	70	10	50
924	-4.81	21.00	10.0	2.00	3.00	.50	1,500	N	13	700	1.0	20	70	10	50
925	-4.38	21.12	5.0	1.50	3.00	.30	700	N	33	700	1.0	15	70	10	20
926	-4.57	18.68	15.0	2.00	2.00	.70	1,500	N	<13	300	1.0	30	70	15	150
927	-3.72	20.88	15.0	3.00	7.00	.70	1,500	N	13	700	1.0	30	70	10	20
928	-3.71	19.21	15.0	3.00	5.00	.70	1,500	N	13	500	1.0	30	70	10	20
929	-4.69	18.83	15.0	2.00	3.00	1.00	1,500	N	13	300	1.0	30	50	15	150
930	-4.99	18.50	7.0	2.00	3.00	.50	1,000	N	13	300	1.0	30	50	20	30
931	-4.12	20.46	2.0	.70	1.00	.20	700	N	15	500	1.5	15	70	7	70
932	-2.20	23.50	5.0	1.50	1.50	.30	700	N	13	500	1.0	20	100	20	30
933	-2.89	22.93	5.0	1.50	1.50	.30	700	N	13	500	<1.0	30	100	10	30
934	-4.12	22.02	5.0	1.00	2.00	.50	700	N	<13	300	1.5	30	70	10	20
935	-3.19	21.17	5.0	1.50	3.00	.30	700	N	13	700	1.5	20	70	10	30
936	-1.47	23.20	7.0	3.00	2.00	1.00	1,000	N	13	500	1.0	30	100	20	200
937	-3.39	21.53	5.0	1.00	1.00	.30	1,000	N	15	700	1.0	15	70	15	50
938	-1.86	22.06	5.0	3.00	3.00	.30	1,000	N	<13	500	1.0	20	70	15	20
939	-2.42	21.92	5.0	1.50	1.50	.50	700	N	15	500	<1.0	20	70	15	30
940	-3.99	21.68	7.0	3.00	5.00	.50	1,000	N	23	500	1.5	30	70	15	50
941	-4.41	21.79	3.0	1.50	1.50	.30	700	N	13	700	1.5	15	50	15	20
942	-6.06	23.54	7.0	3.00	3.00	.30	1,500	N	13	700	1.0	30	100	15	70
943	-5.80	20.16	7.0	2.00	2.00	.50	1,500	N	15	300	1.0	20	70	30	30
944	-4.44	23.03	7.0	3.00	3.00	.70	1,000	N	13	500	2.0	30	70	10	20
945	-5.93	22.83	7.0	3.00	5.00	.70	1,500	N	<13	500	1.0	30	100	20	30
946	-5.40	23.17	5.0	3.00	1.50	.70	700	N	13	500	<1.0	20	100	10	<20

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	S-MO	S-NB	S-NI	S-PB	S-SC	S-SN	S-SR	S-V	S-Y	S-ZN	S-ZR	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZV-P
0903	N	N	50	10	30	N	200	300	50	N	200	N	20	15	40
0904	N	<20	50	10	30	N	200	300	50	N	300	N	20	15	50
0905	N	<20	30	10	30	N	150	150	150	N	300	N	20	20	70
0906	N	<20	70	10	30	N	200	300	70	N	500	N	25	15	50
0907	N	<20	70	<10	30	N	300	300	30	N	100	N	15	10	35
0908	N	N	20	10	10	N	150	70	15	N	200	N	10	15	45
0909	N	<20	50	15	30	N	200	300	70	N	300	N	25	20	65
0910	N	<20	70	<10	30	N	200	300	30	N	150	N	25	15	45
911	N	N	70	10	30	N	200	150	30	N	150	N	20	15	70
912	N	N	30	15	20	N	150	150	50	N	150	N	20	15	60
913	N	N	50	10	30	N	150	300	30	N	150	N	30	15	35
914	N	N	70	<10	30	N	300	300	30	N	300	N	10	10	30
915	N	N	30	15	15	N	150	150	30	N	150	N	20	20	50
916	N	N	30	20	20	N	300	150	30	N	150	N	25	30	70
917	N	N	50	<10	30	N	300	200	30	N	150	N	20	15	60
918A	N	N	30	10	20	N	200	150	30	N	200	N	10	20	40
918B	N	<20	30	15	30	N	150	200	70	N	100	N	10	15	40
919	N	N	30	15	15	N	150	150	30	N	150	N	15	20	50
920	N	N	30	15	15	N	150	150	30	N	150	N	15	25	50
921	N	N	30	15	15	N	150	150	30	N	300	N	15	30	65
922	N	<20	30	15	15	N	100	150	50	N	200	N	10	30	75
923	N	<20	30	15	20	N	150	150	30	N	500	N	5	25	55
924	N	<20	15	15	20	N	200	150	70	N	1,000	N	5	15	40
925	N	<20	20	15	20	N	300	100	50	N	100	N	5	25	20
926	N	N	30	15	30	N	100	150	100	N	300	N	15	25	65
927	N	<20	30	15	30	N	300	300	70	N	150	N	10	20	35
928	N	N	30	10	30	N	200	200	30	N	200	N	10	20	50
929	N	N	30	10	30	N	100	500	100	N	150	N	15	30	50
930	N	N	20	10	20	N	150	150	50	N	200	N	20	20	45
931	N	N	15	15	15	N	150	70	30	N	700	N	10	35	50
932	N	N	30	15	20	N	150	150	30	N	150	N	20	25	60
933	N	N	30	15	20	N	150	150	30	N	300	N	5	20	30
934	N	N	20	15	20	N	150	150	30	N	150	N	10	15	35
935	N	N	20	15	20	N	200	150	30	N	150	N	15	20	45
936	N	N	50	15	30	N	100	200	70	N	300	N	15	30	75
937	N	N	30	20	15	N	100	150	30	N	150	N	20	55	100
938	N	N	30	10	30	N	200	150	30	N	100	N	15	15	25
939	N	N	30	15	20	N	100	150	30	N	200	N	15	20	45
940	N	N	30	10	30	N	300	200	30	N	150	N	10	15	30
941	N	N	30	15	15	N	150	100	30	N	200	N	5	20	40
942	N	N	50	15	30	N	300	150	50	N	200	N	15	20	50
943	N	N	30	15	30	N	150	150	50	N	300	N	15	25	65
944	N	N	30	10	30	N	300	150	70	N	300	N	10	20	35
945	N	N	50	15	30	N	300	200	30	N	150	N	15	25	40
946	N	N	30	15	20	N	150	150	30	N	200	N	5	20	20

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample AA-AG-P

0903	N
0904	N
0905	N
0906	N
0907	N
0908	N
0909	N
0910	N
911	N
912	N
913	N
914	N
915	N
916	N
917	N
918A	N
918B	N
919	N
920	N
921	N
922	N
923	N
924	N
925	N
926	N
927	N
928	N
929	N
930	N
931	N
932	N
933	N
934	N
935	N
936	N
937	N
938	N
939	N
940	N
941	N
942	N
943	N
944	N
945	N
946	N

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	X-COORD.	Y-COORD.	S-FEZ	S-WG%	S-CA%	S-TIX	S-MN	S-AG	S-3	S-BA	S-BE	S-CC	S-CR	S-CJ	S-LA
947	-8.58	22.75	5.0	2.00	1.50	.30	1,500	N	15	700	1.5	20	70	5	50
948	-9.46	22.33	7.0	3.00	2.00	.70	1,500	N	<10	300	<1.0	30	100	10	<20
949	-6.47	22.57	7.0	3.00	3.00	.70	1,500	N	10	300	<1.0	30	100	20	<20
950	-7.22	22.46	10.0	3.00	3.00	1.00	1,500	N	<10	300	<1.0	50	100	30	<20
951	-8.29	22.57	7.0	3.00	2.00	.50	1,000	N	<10	500	1.0	30	70	20	<20
952	-9.35	21.80	7.0	2.00	3.00	.70	1,500	N	<10	700	1.0	30	100	20	50
953	-9.54	21.96	7.0	3.00	3.00	.30	1,000	N	10	500	<1.0	30	100	15	20
954	-0.69	22.56	5.0	1.00	2.00	.20	700	N	10	700	1.0	15	70	15	20
955	-0.91	21.63	7.0	3.00	3.00	.30	1,000	N	V	700	1.0	15	100	20	20
956	-9.21	11.14	3.0	.70	1.00	.30	500	N	50	300	1.0	10	150	15	20
957	-8.66	10.68	5.0	1.50	1.50	.50	700	N	50	700	1.5	15	150	15	100
958	-8.64	10.49	3.0	.70	1.50	.20	700	N	30	300	1.5	15	70	10	100
959	-7.23	9.94	7.0	2.00	1.50	.30	700	N	70	700	1.5	20	70	20	30
960	-8.70	9.97	7.0	1.50	1.50	.30	700	N	30	700	3.0	20	100	20	70
961	-9.27	10.50	7.0	1.50	1.50	.30	700	N	30	700	1.0	15	100	20	50
962	-9.45	10.60	7.0	2.00	2.00	.50	1,000	N	10	700	1.0	30	50	20	30
963	-8.89	10.88	7.0	2.00	2.00	.50	1,000	N	10	700	1.0	30	200	15	100
964	-8.48	10.22	3.0	1.50	1.50	.30	700	N	30	700	1.5	15	70	15	20
965	-6.56	9.97	3.0	1.00	1.00	.30	700	N	50	500	2.0	15	70	20	50
966	-6.80	9.77	5.0	1.50	1.00	.30	700	N	100	700	2.0	15	70	30	70
967	-6.86	9.47	7.0	3.00	1.50	.50	1,000	N	30	700	2.0	20	100	30	70
968	-9.36	9.56	5.0	1.50	1.50	.30	1,000	N	V	700	1.5	20	50	15	30
969	-9.09	9.73	7.0	2.00	2.00	.70	1,000	N	10	700	1.5	30	50	20	70
970	-7.77	9.25	7.0	2.00	2.00	.30	1,000	N	15	700	2.0	20	100	15	70
971	-8.44	9.43	3.0	.70	.30	.30	700	N	15	1,000	3.0	10	15	15	50
972	-9.69	9.90	3.0	1.00	1.00	.20	1,000	N	20	700	2.0	15	50	20	70
973	-7.04	9.06	7.0	3.00	2.00	.30	700	N	10	700	2.0	20	300	20	30
974	-7.36	8.80	7.0	3.00	2.00	.30	700	N	<10	700	1.0	20	300	20	30
975	-7.77	8.91	5.0	.50	.50	.30	700	N	V	700	3.0	10	15	10	30
976	-1.05	12.97	7.0	1.00	1.50	.30	1,000	N	20	700	1.0	15	70	20	20
977	-0.92	13.18	3.0	1.00	1.00	.30	700	N	30	700	1.5	15	70	15	70
978	-0.51	14.51	3.0	1.50	.50	.30	700	N	50	700	1.5	15	70	15	50
979	-2.10	16.43	7.0	1.50	1.50	.20	700	N	<10	700	<1.0	20	70	15	70
980	-1.58	17.66	7.0	2.00	1.50	.50	700	N	20	700	<1.0	20	100	20	N
981	-1.49	17.87	7.0	3.00	3.00	.50	1,500	N	<10	500	N	30	200	20	50
982	-1.47	19.28	7.0	2.00	2.00	.70	700	N	15	700	1.0	20	200	20	30
983	-1.53	19.97	7.0	3.00	3.00	.30	1,000	N	10	700	<1.0	30	100	15	20
984	-1.37	21.60	7.0	3.00	2.00	.30	1,000	N	10	500	<1.0	20	100	15	30
985	-1.38	18.33	10.0	3.00	2.00	.30	1,500	N	10	300	N	30	300	20	V
986	-0.26	12.20	2.0	.70	1.00	1.00	700	N	30	700	1.5	7	50	7	30
987	-0.24	13.45	3.0	1.00	1.50	.20	700	N	20	300	1.0	20	100	15	20
988	-2.16	15.11	7.0	2.00	1.50	.50	700	N	10	500	<1.0	30	150	20	30
989	-2.17	14.76	5.0	1.50	1.50	.30	700	N	30	500	1.0	20	70	7	30
990	-0.39	12.63	3.0	.70	1.00	.30	700	N	30	500	1.5	10	70	7	70
991	-0.40	12.88	5.0	1.00	1.50	.30	1,000	N	V	300	1.0	15	70	5	<20

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	S-MO	S-NB	S-NI	S-PB	S-SC	S-SN	S-SR	S-V	S-Y	S-ZN	S-ZR	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZV-P
947	N	N	30	10	15	N	150	150	30	N	300	N	15	25	45
948	N	N	50	10	30	N	150	200	30	N	100	N	10	10	30
949	N	N	50	10	30	N	200	200	30	N	200	N	20	15	40
950	N	N	70	70	50	70	300	300	30	N	200	N	15	60	30
951	N	N	50	10	20	N	200	150	20	N	150	N	15	20	50
952	N	N	30	10	50	N	200	150	30	N	200	N	10	15	30
953	N	N	30	10	50	N	200	150	30	N	100	N	10	15	35
954	N	N	30	10	30	N	150	100	20	N	150	N	10	15	35
955	N	N	30	15	30	N	200	150	30	N	150	N	10	15	50
956	N	N	20	10	30	N	100	100	30	N	300	N	10	25	40
957	N	N	30	15	30	N	300	150	50	N	300	N	15	30	50
958	N	N	20	15	30	N	150	150	30	N	200	N	10	20	50
959	N	N	30	15	50	N	150	150	50	N	300	N	20	25	70
960	N	N	30	20	30	N	150	150	50	N	200	N	25	20	70
961	N	N	30	15	30	N	200	150	50	N	300	N	15	20	60
962	N	N	30	15	50	N	200	150	30	N	200	N	10	20	50
963	N	N	30	15	50	N	300	150	50	N	300	N	15	25	45
964	N	N	30	15	30	N	200	100	30	N	200	N	15	15	60
965	N	N	30	15	30	N	150	100	50	N	300	N	25	20	75
966	N	N	30	15	30	N	150	150	70	N	300	N	30	20	75
967	N	N	30	15	30	N	150	150	50	N	300	N	40	25	90
968	N	N	30	15	30	N	150	150	50	N	200	N	15	15	70
969	N	N	30	15	30	N	150	150	70	N	200	N	20	20	75
970	N	N	30	15	30	N	150	150	70	N	200	N	25	15	70
971	N	N	20	15	7	N	<100	50	50	N	200	N	10	10	80
972	N	N	30	20	10	N	150	70	50	N	200	N	20	15	150
973	N	N	50	15	20	N	300	150	30	N	150	N	45	20	85
974	N	N	50	10	20	N	200	150	50	N	200	N	30	20	85
975	N	N	7	10	10	N	<100	70	50	N	300	N	15	10	65
976	N	N	30	10	15	N	200	150	30	N	300	N	20	10	90
977	N	N	30	10	15	N	150	150	30	N	150	N	20	10	55
978	15	N	30	15	15	N	100	150	30	N	200	N	35	20	65
979	N	N	30	10	15	N	150	150	30	N	200	N	20	20	40
980	N	N	30	10	20	N	150	150	30	N	300	N	15	10	40
981	N	N	70	N	30	N	300	150	30	N	150	N	25	15	30
982	N	N	30	10	15	N	300	150	30	N	150	N	20	15	40
983	N	N	30	10	20	N	300	150	30	N	150	N	20	30	35
984	N	N	30	N	20	N	200	150	30	N	150	N	15	20	35
985	N	N	50	N	30	N	300	200	30	N	200	N	25	20	30
986	N	N	20	15	15	N	300	100	30	N	300	N	15	20	45
987	N	N	30	10	20	N	150	150	30	N	150	N	35	15	75
988	N	N	50	<10	20	N	300	200	30	N	200	N	35	15	40
989	N	N	30	10	15	N	200	150	30	N	300	N	20	20	50
990	N	N	20	15	10	N	300	100	30	N	500	N	30	15	45
991	N	N	30	N	15	N	100	100	200	N	300	N	35	20	35

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample AA-AG-P

947	N
948	N
949	N
950	N
951	N
952	N
953	N
954	N
955	N
956	N
957	N
958	N
959	N
960	N
961	N
962	N
963	N
964	N
965	N
966	N
967	N
968	N
969	N
970	N
971	N
972	N
973	N
974	N
975	N
976	N
977	N
978	N
979	N
980	N
981	N
982	N
983	N
984	N
985	N
986	N
987	N
988	N
989	N
990	N
991	N

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	X-COORD.	Y-COORD.	S-FEZ	S-%G	S-CAZ	S-TIZ	S-MN	S-AG	S-3	S-BA	S-BE	S-CO	S-CR	S-CJ	S-LA
992	-0.22	13.13	7.0	2.00	1.50	.50	1,000	N	1J	300	<1.0	30	70	20	20
993	-1.21	14.22	10.0	3.00	2.00	.70	1,500	N	1J	300	N	30	150	30	20
994	-1.41	13.89	5.0	1.00	1.50	.20	700	N	1J	700	1.0	20	150	15	20
995	-1.02	13.97	7.0	3.00	3.00	.50	700	N	<1J	500	<1.0	30	150	20	20
996	-9.58	12.29	5.0	1.00	1.50	.30	500	N	2J	500	1.0	15	70	10	N
997	-0.55	10.45	1.5	.5J	.50	.10	700	N	15	700	1.5	10	20	10	N
998	-1.01	10.33	1.5	.3J	.50	.15	300	N	3J	700	1.5	10	30	10	V
999	-0.05	11.25	2.0	.70	.70	.15	700	N	3J	700	1.5	10	20	10	20
1000	-0.18	11.38	2.0	.70	1.00	.15	1,000	N	2J	700	1.0	10	30	15	30
1001	-0.06	11.09	2.0	.50	.70	.15	200	N	2J	700	<1.0	5	15	10	V
1002	-9.80	10.89	1.5	.50	.70	.15	200	N	V	500	<1.0	5	15	7	N
1003	-5.45	8.32	7.0	1.50	2.00	.50	700	N	2J	500	1.5	30	70	30	30
1004	-5.27	7.54	7.0	1.00	2.00	.30	1,500	N	1J	300	1.5	30	50	20	20
1005	-5.65	7.95	10.0	1.50	3.00	.50	700	N	<1J	200	1.5	30	70	15	20
1006	-5.84	7.15	10.0	2.00	3.00	1.00	1,500	N	<1J	200	1.0	30	50	20	V
1007	-5.15	8.07	10.0	3.00	1.50	.70	1,500	N	V	500	1.0	20	100	30	30
1008	-4.99	7.79	10.0	3.00	3.00	.70	1,500	N	<1J	300	1.5	30	100	20	30
1009	-6.43	6.99	5.0	1.50	1.00	.30	700	N	2J	500	1.0	20	30	15	30
1010	-6.29	6.82	7.0	1.00	1.00	.30	700	N	3J	500	1.0	20	30	20	20
1011	-7.39	7.12	7.0	1.00	1.50	.30	700	N	V	700	1.0	15	30	20	20
1012	-1.89	9.88	1.5	.30	.30	.15	300	N	3J	300	1.0	N	20	10	20
1013	-1.68	10.06	3.0	.70	2.00	.20	500	N	7J	700	1.5	15	70	20	50
1014	-7.77	8.62	5.0	.30	.50	.30	700	N	V	700	2.0	10	10	10	50
1015	-7.44	8.52	5.0	2.00	2.00	.30	1,000	N	1J	700	1.0	20	150	20	20
1016	-7.36	7.74	7.0	2.00	1.50	.30	700	N	V	500	1.0	15	70	20	N
1017	-7.70	7.49	7.0	2.00	1.50	.30	1,000	N	V	500	1.0	15	70	15	20
1018	-7.97	6.76	10.0	3.00	2.00	.50	1,000	N	<1J	500	1.0	20	150	30	20
1019	-8.62	7.49	7.0	2.00	2.00	.30	1,000	N	1J	300	1.0	20	200	20	30
1020	-8.24	7.40	7.0	2.00	1.50	.30	1,000	N	V	300	1.0	15	200	30	20
1021	-8.46	7.68	10.0	2.00	1.50	.50	1,500	N	<1J	700	1.5	20	100	30	30
1022	-8.09	7.01	7.0	2.00	2.00	.30	1,000	N	1J	500	1.5	20	150	20	30
1023	-7.96	7.72	10.0	3.00	2.00	.50	1,500	N	1J	700	1.0	20	150	30	30
1024	-7.88	7.95	7.0	1.50	1.50	.50	1,500	N	15	700	2.0	15	70	15	50
1025	-8.93	8.11	7.0	.50	.50	.20	1,000	N	V	700	3.0	5	30	10	20
1026	-0.34	6.96	5.0	.70	.70	.20	500	<.5	5J	700	1.5	15	50	15	30
1027	-0.27	7.23	7.0	.70	.70	.30	700	N	3J	500	2.0	10	30	15	20
1028	-0.08	6.79	7.0	1.00	1.00	.30	1,000	N	3J	500	1.5	15	70	15	20
1029	-9.99	7.94	5.0	.50	.30	.20	700	N	2J	500	3.0	10	30	20	50
1030	-0.20	8.03	3.0	.30	.30	.20	500	N	2J	200	1.5	10	20	7	20
1031	-0.74	8.67	3.0	.70	.70	.20	700	N	5J	700	2.0	10	30	7	50
1032	-0.68	8.30	2.0	.30	.30	.20	700	N	3J	700	1.5	15	30	15	30
1033	-0.60	8.04	3.0	.70	.70	.20	300	1.0	3J	700	1.0	15	50	20	20
1034	-0.71	7.15	3.0	.50	.50	.20	1,000	N	3J	700	2.0	10	30	10	20
1035	-9.89	8.80	7.0	1.00	1.50	.70	1,000	N	1J	700	2.0	15	30	30	50
1036	-9.53	8.55	10.0	1.50	1.50	.70	1,500	N	<1J	300	2.0	30	20	30	50

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	S-MO	S-NB	S-NI	S-PB	S-SC	S-SV	S-SR	S-V	S-Y	S-ZN	S-ZR	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZV-P
992	N	N	30	15	20	N	200	150	30	N	150	N	25	10	55
993	N	N	70	10	30	N	300	300	30	N	300	N	40	10	50
994	N	N	30	10	15	N	200	100	30	N	150	N	15	15	75
995	N	N	70	<10	20	N	300	150	30	N	150	N	15	15	55
996	N	N	30	N	15	N	150	70	30	N	200	N	15	20	40
997	N	N	20	20	5	N	300	70	10	N	150	N	10	20	50
998	N	N	20	15	7	N	300	70	15	N	150	N	10	15	55
999	N	N	20	15	10	N	200	100	30	N	200	N	10	20	45
1000	N	N	20	15	10	N	200	70	20	N	200	N	10	15	40
1001	N	N	5	15	5	N	300	50	20	N	500	N	30	20	30
1002	N	N	7	<10	5	N	200	50	10	N	300	N	20	15	20
1003	N	N	30	15	15	N	300	150	50	N	300	N	20	10	60
1004	N	N	30	15	15	N	150	100	30	N	100	N	15	10	95
1005	N	N	30	10	20	N	150	150	50	N	100	N	30	15	70
1006	N	N	30	15	30	N	150	150	50	N	300	N	20	15	80
1007	N	N	50	15	10	N	150	200	30	N	150	N	25	15	60
1008	N	N	50	15	30	N	150	150	50	N	200	N	30	15	75
1009	N	N	30	15	10	N	150	70	30	N	150	N	25	20	95
1010	N	N	30	15	15	N	100	100	30	N	150	N	30	25	85
1011	N	N	15	10	15	N	200	70	30	N	150	N	25	10	60
1012	N	N	10	<10	5	N	N	30	20	N	300	N	10	10	30
1013	10	N	30	15	15	N	150	200	30	N	150	N	30	10	160
1014	<20	N	5	15	15	N	100	70	70	N	200	N	15	15	80
1015	N	N	50	10	20	N	200	150	30	N	150	N	30	15	50
1016	N	N	30	10	15	N	150	100	20	N	100	N	25	15	50
1017	N	N	20	15	15	N	150	100	30	N	150	N	25	15	55
1018	N	N	30	15	15	N	150	150	30	N	100	N	40	20	55
1019	N	N	50	10	15	N	150	150	30	N	100	N	45	15	55
1020	N	N	50	15	15	N	150	150	20	N	70	N	50	15	55
1021	N	N	30	15	15	N	100	150	50	N	200	N	40	10	140
1022	N	N	50	10	15	N	150	150	30	N	150	N	45	15	50
1023	N	N	70	10	20	N	300	150	30	N	150	N	35	15	55
1024	N	N	30	15	15	N	100	100	70	N	300	N	20	20	90
1025	N	N	10	15	5	N	N	30	30	N	300	N	10	15	75
1026	10	N	30	20	10	N	200	150	20	<200	300	N	25	15	280
1027	5	N	20	N	15	N	N	150	70	N	300	N	20	10	85
1028	N	N	30	15	15	N	100	100	30	N	200	N	25	20	80
1029	N	N	15	15	7	10	N	50	70	N	150	N	20	20	100
1030	N	N	15	10	7	N	100	50	30	N	200	N	15	15	50
1031	N	N	30	10	10	N	150	150	20	N	200	N	20	15	95
1032	5	N	30	30	5	N	100	150	30	N	200	N	20	20	140
1033	7	N	30	70	7	N	150	200	30	<200	200	N	35	70	260
1034	N	N	30	15	5	N	300	100	10	N	200	N	15	15	80
1035	N	N	30	15	15	N	100	100	70	N	300	N	30	15	95
1036	7	N	15	10	30	N	<100	200	50	<200	150	N	65	15	260

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	AA-AG-P
992	N
993	N
994	N
995	N
996	N
997	N
998	N
999	N
1000	N
1001	N
1002	N
1003	N
1004	N
1005	N
1006	N
1007	N
1008	N
1009	N
1010	N
1011	N
1012	N
1013	N
1014	N
1015	N
1016	N
1017	N
1018	N
1019	N
1020	N
1021	N
1022	N
1023	N
1024	N
1025	N
1026	.5
1027	N
1028	N
1029	N
1030	N
1031	N
1032	<.5
1033	1.0
1034	N
1035	N
1036	N

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	X-COORD.	Y-COORD.	S-FEZ	S-WGZ	S-CAZ	S-TIZ	S-MN	S-AG	S-3	S-BA	S-BE	S-CO	S-CR	S-CJ	S-LA
1037	-9.56	8.27	7.0	.70	1.50	.30	700	N	10	700	3.0	15	30	20	70
1038	-1.28	15.49	7.0	3.00	3.00	.30	1,000	N	10	500	<1.0	20	100	20	N
1039	-0.68	15.88	3.0	1.00	1.00	.30	700	N	30	700	1.0	15	50	20	30
1040	-0.31	16.40	7.0	2.00	2.00	.50	1,000	N	10	700	1.0	30	70	20	70
1041	-1.04	16.52	7.0	2.00	2.00	.30	1,000	N	10	500	1.0	30	70	20	50
1042	-1.51	16.58	7.0	3.00	3.00	.70	1,500	N	10	300	<1.0	30	100	15	20
1043	-9.50	15.09	3.0	.70	.70	.20	500	N	20	700	1.5	10	30	20	30
1044	-0.15	15.56	5.0	1.00	1.00	.20	700	N	20	500	1.5	15	50	10	50
1045	-1.04	16.28	3.0	.70	1.00	.20	700	N	20	500	1.5	7	30	20	30
1046	-9.36	7.35	3.0	.70	1.00	.30	1,000	N	10	700	3.0	7	15	15	30
1047	-8.72	6.99	7.0	1.00	2.00	.50	1,500	N	10	700	2.0	15	70	30	30
1048	-8.70	6.83	7.0	1.50	3.00	.20	700	N	10	300	1.5	20	200	30	30
1049	-8.05	6.13	7.0	1.50	5.00	.70	1,000	N	10	300	1.5	20	70	30	50
1050	-8.65	5.60	7.0	1.00	3.00	.50	1,000	N	10	300	2.0	20	70	30	50
1051	-8.87	5.57	2.0	.50	1.00	.20	300	N	15	700	2.0	10	30	7	30
1052	-9.31	5.54	3.0	1.00	1.50	.20	2,000	N	10	700	1.5	20	70	20	30
1053	-9.22	6.70	7.0	1.00	1.50	.30	700	N	10	700	2.0	20	100	20	30
1054	-9.31	6.89	3.0	.50	.70	.30	700	N	10	700	3.0	10	20	15	30
1055	-8.54	7.15	7.0	1.50	2.00	.30	500	N	10	700	2.0	15	70	20	30
1056	-9.89	5.66	7.0	1.00	1.50	.30	700	N	10	700	2.0	15	70	30	30
1057	-6.95	5.16	3.0	.70	1.50	.50	700	N	10	700	1.0	10	20	7	30
1058	-5.92	6.03	7.0	2.00	2.00	.30	700	N	10	500	1.5	30	70	50	30
1059	-6.30	5.04	7.0	2.00	1.50	.50	1,000	N	10	700	1.5	20	50	20	20
1060	-8.37	4.26	3.0	.70	1.00	.20	700	N	20	700	1.5	10	30	20	30
1061	-8.38	4.49	5.0	1.00	1.50	.30	1,000	N	20	700	1.0	15	30	20	50
1062	-9.63	4.52	7.0	1.50	2.00	1.00	1,000	N	10	300	1.0	20	100	15	30
1063	-7.95	5.62	7.0	3.00	3.00	1.00	1,000	N	<10	300	1.0	30	100	20	20
1064	-5.27	6.17	5.0	1.00	1.00	.50	700	N	10	500	2.0	20	70	20	100
1065	-5.37	5.94	7.0	1.50	1.50	.50	700	N	<10	500	1.5	20	50	20	30
1066	-5.32	5.72	15.0	1.50	2.00	1.00	1,000	N	<10	700	1.5	30	70	20	70
1067	-5.60	5.55	10.0	2.00	2.00	.70	1,000	N	N	300	1.0	30	70	20	30
1068	-7.34	5.02	3.0	.70	1.00	.30	700	N	20	1,000	1.0	10	30	10	30
1069	-9.00	4.56	7.0	2.00	2.00	>1.00	1,000	N	15	300	<1.0	30	70	30	30
1070	-9.82	4.77	5.0	1.00	1.50	.30	700	N	20	700	2.0	10	70	30	30
1071	-6.90	3.70	3.0	.70	.70	.30	700	N	20	700	1.5	7	30	20	70
1072	-7.52	2.80	5.0	.70	1.50	.30	1,000	N	30	700	1.5	10	30	30	30
1073	-9.36	2.78	3.0	.70	1.50	.15	700	N	15	500	1.5	10	20	15	20
1074	-0.50	3.84	5.0	.70	1.00	.30	700	N	20	700	2.0	15	70	30	30
1075	-1.20	3.17	3.0	.70	1.00	.30	1,000	N	30	700	1.5	15	30	30	50
1076	-1.32	1.61	2.0	.50	.70	.30	700	N	30	700	1.5	5	20	15	30
1077	-9.52	1.96	5.0	.70	1.50	.30	700	N	20	500	1.5	10	20	30	30
1078	-0.05	1.48	3.0	.70	.70	.30	500	N	50	500	1.5	10	50	30	50
1079	-0.04	1.23	3.0	.70	1.00	.50	2,000	N	30	700	1.0	15	20	20	70
1080	-0.23	1.03	2.0	.50	.70	.20	1,000	N	20	700	1.0	10	30	10	70
1081	-0.29	.84	3.0	.70	.70	.20	500	N	30	500	1.5	15	30	15	30

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	S-MO	S-NB	S-NI	S-PB	S-SC	S-SN	S-SR	S-V	S-Y	S-ZN	S-ZR	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZV-P
1037	10	<10	20	15	20	N	200	100	70	N	300	N	45	20	110
1038	N	N	30	<10	20	N	200	150	30	N	100	N	30	20	45
1039	N	N	30	10	15	N	150	100	30	N	300	N	10	20	60
1040	N	<10	30	10	20	N	150	150	50	N	300	N	20	20	55
1041	N	N	30	<10	20	N	150	100	50	N	200	N	20	15	45
1042	N	N	50	10	20	N	200	150	30	N	150	N	20	15	35
1043	N	N	20	10	10	N	150	70	20	N	100	N	15	20	50
1044	N	N	20	<10	15	N	150	70	30	N	200	N	15	20	65
1045	N	N	20	10	15	N	150	70	20	N	150	N	15	20	45
1046	N	N	10	10	15	N	100	50	50	N	300	N	15	20	95
1047	N	N	30	10	20	N	200	100	50	N	200	N	35	25	130
1048	N	N	50	10	30	N	500	150	30	N	100	N	60	20	65
1049	N	N	30	10	20	N	200	150	70	N	300	N	35	25	70
1050	N	N	30	10	15	N	150	150	70	N	300	N	25	25	70
1051	N	N	15	10	15	N	150	70	30	N	150	N	10	15	35
1052	N	N	30	<10	15	N	150	70	20	N	200	N	15	20	40
1053	N	N	30	10	20	N	200	100	50	N	150	N	40	25	120
1054	N	N	15	15	15	N	150	70	30	N	200	N	30	25	120
1055	N	N	30	15	20	N	150	100	50	N	150	N	65	25	150
1056	N	N	20	15	15	N	150	70	30	N	200	N	35	20	85
1057	N	30	10	10	10	N	300	70	30	N	300	N	10	20	35
1058	N	N	50	10	15	N	150	100	50	N	150	N	35	30	95
1059	N	N	30	15	15	N	150	100	30	N	300	N	20	25	70
1060	N	N	15	10	10	N	150	70	30	N	150	N	30	30	85
1061	N	N	20	10	15	N	200	70	30	N	300	N	15	20	45
1062	N	N	30	<10	20	N	150	100	70	N	500	N	10	10	25
1063	N	N	50	<10	20	N	150	150	70	N	150	N	20	15	45
1064	N	N	20	10	15	N	100	70	50	N	300	N	40	30	140
1065	N	N	20	<10	20	N	150	150	70	N	300	N	15	25	90
1066	N	N	30	<10	30	N	100	150	100	N	700	N	--	--	--
1067	N	N	30	10	20	N	150	150	70	N	300	N	25	25	85
1068	N	N	10	10	10	N	300	70	20	N	300	N	15	20	45
1069	N	N	30	<10	20	N	200	150	50	N	300	N	5	15	30
1070	N	N	15	10	15	N	200	70	30	N	300	N	15	25	85
1071	N	N	20	15	15	N	100	70	50	N	200	N	20	35	70
1072	N	N	15	15	15	N	100	70	30	N	150	N	15	25	60
1073	N	<10	15	10	15	N	200	50	20	N	150	N	20	20	60
1074	N	N	30	15	15	N	200	70	30	N	200	N	20	25	90
1075	N	N	20	15	15	N	150	70	50	N	200	N	25	25	80
1076	N	N	15	15	10	N	200	50	30	N	300	N	25	15	50
1077	N	N	10	15	15	N	150	70	30	N	150	N	30	20	70
1078	N	N	20	15	15	N	200	100	30	N	150	N	20	20	60
1079	N	N	20	10	15	N	150	70	30	N	300	N	15	20	50
1080	N	N	20	15	10	N	200	100	30	N	700	N	10	15	50
1081	N	N	20	10	15	N	100	70	30	N	200	N	25	25	60

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	AA-AG-P
1037	N
1038	N
1039	N
1040	N
1041	N
1042	N
1043	N
1044	N
1045	N
1046	N
1047	N
1048	N
1049	N
1050	N
1051	N
1052	N
1053	N
1054	N
1055	N
1056	N
1057	N
1058	N
1059	N
1060	N
1061	N
1062	N
1063	N
1064	N
1065	N
1066	N
1067	N
1068	N
1069	N
1070	N
1071	N
1072	N
1073	N
1074	N
1075	N
1076	N
1077	N
1078	N
1079	N
1080	N
1081	N

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	X-COORD.	Y-COORD.	S-FEX	S-MGX	S-CAZ	S-TIZ	S-MN	S-AG	S-3	S-BA	S-BE	S-CO	S-CR	S-CJ	S-LA
1082	-9.67	.38	3.0	.70	.70	.15	500	N	20	500	1.5	15	20	10	30
1083	-0.75	1.23	1.5	.30	.50	.15	500	N	30	700	1.5	5	30	20	50
1084	-9.51	.25	2.0	.30	.50	.15	700	N	20	700	1.5	7	15	15	30
1085	-9.46	.04	3.0	.70	1.00	.20	500	N	30	300	1.5	15	15	15	50
1086	-9.03	.98	3.0	.70	1.00	.20	500	N	30	500	1.5	10	20	20	30
1087	-8.97	.70	5.0	.70	1.50	.30	1,000	N	30	500	1.5	15	30	20	70
1088	-8.80	1.53	5.0	.70	1.00	.20	500	N	30	300	3.0	15	20	20	30
1089	-0.97	21.26	3.0	1.30	2.00	.15	500	N	V	700	1.0	15	50	10	20
1090	-1.03	21.02	7.0	1.50	2.00	.20	700	N	10	500	1.0	20	70	15	30
1091	-0.33	21.73	5.0	.70	1.00	.20	700	N	10	700	1.5	15	30	20	30
1092	-0.19	21.47	7.0	1.50	2.00	.30	700	N	10	700	1.0	20	70	20	30
1093	-0.37	21.20	7.0	1.50	2.00	.30	700	N	10	700	1.0	20	70	20	100
1094	-9.30	20.35	7.0	3.00	2.00	.30	1,000	N	10	300	1.0	30	70	20	20
1095	-9.42	20.50	7.0	2.00	2.00	.50	1,000	N	10	500	1.0	30	70	20	20
1096	-1.02	20.55	5.0	2.00	2.00	.30	700	N	10	500	1.0	20	70	15	20
1097	-9.51	21.07	7.0	2.00	2.00	.30	700	N	10	500	1.0	20	70	20	50
1098	-9.12	21.18	5.0	1.50	1.00	.15	700	N	10	500	1.0	15	15	20	50
1099	-9.12	21.02	7.0	3.00	3.00	.30	700	N	10	500	1.0	20	70	15	30
1100	-8.89	20.81	7.0	2.00	2.00	.50	700	N	<10	300	1.0	30	70	20	20
1101	-9.62	20.16	5.0	1.00	1.50	.30	700	N	10	700	1.0	15	70	15	30
1102	-0.32	20.19	7.0	3.00	3.00	.30	700	N	<10	300	1.0	30	70	20	20
1103	-0.19	20.42	7.0	2.00	3.00	.70	1,000	N	<10	500	1.0	30	70	10	20
1104	-1.09	19.56	7.0	1.50	3.00	1.00	1,500	N	<10	200	<1.0	15	70	15	V
1105	-1.58	19.69	5.0	1.50	2.00	.30	700	N	<10	500	1.5	30	70	15	50
1106	-0.78	17.17	7.0	2.00	3.00	.50	1,000	N	10	300	<1.0	30	100	20	20
1107	-0.76	17.01	7.0	2.00	3.00	.30	700	N	<10	200	1.0	30	150	20	20
1108	-9.86	19.56	7.0	3.00	3.00	.50	1,000	N	<10	300	1.0	30	100	15	V
1109	-9.82	19.37	7.0	3.00	2.00	.50	700	N	V	200	N	30	100	10	20
1110	-0.15	19.71	5.0	2.00	2.00	.50	700	N	V	300	1.0	30	100	15	20
1111	-0.86	17.69	7.0	2.00	2.00	.50	1,000	N	10	300	1.0	30	100	20	20
1112	-0.89	17.91	7.0	2.00	3.00	.50	1,000	N	10	300	1.0	30	150	30	N
1113	-0.66	18.08	7.0	3.00	3.00	.50	1,000	N	<10	300	1.0	30	150	20	20
1114	-0.93	18.96	7.0	3.00	3.00	.70	1,000	N	V	300	N	30	150	30	30
1115	-0.75	19.30	7.0	2.00	2.00	1.00	1,000	N	<10	300	N	30	150	30	N
1116	-0.62	18.67	7.0	3.00	3.00	.70	1,000	N	<10	300	N	30	150	30	30
1117	-1.23	18.71	7.0	2.00	2.00	.70	1,000	N	10	300	N	30	100	30	30
1118	-2.20	16.89	5.0	1.00	2.00	.20	700	N	15	300	1.5	30	70	10	30
1119	-2.47	16.63	7.0	2.00	2.00	.30	1,000	N	10	300	N	30	100	30	30
1120	-2.79	15.04	3.0	.70	1.00	.30	700	N	10	300	1.5	10	30	30	30
1121	-3.12	14.73	5.0	1.00	1.50	.30	700	N	15	700	1.0	20	100	30	50
1122	-3.28	14.49	5.0	1.50	1.50	.50	700	N	20	500	1.5	20	70	30	50
1123	-2.55	14.03	3.0	.70	1.00	.30	700	N	30	700	1.5	15	50	30	30
1124	-2.16	13.82	3.0	.70	1.00	.30	700	N	<10	700	1.5	15	50	30	50
1125	-1.36	17.05	7.0	3.00	2.00	.50	1,500	N	10	300	<1.0	30	150	30	20
1126	-1.32	17.33	7.0	2.00	1.50	.70	1,000	N	10	300	1.0	30	100	10	30

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	S-MO	S-NB	S-NI	S-PB	S-SC	S-SN	S-SR	S-V	S-Y	S-ZN	S-ZR	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZV-P
1082	N	N	15	10	10	N	100	50	50	N	200	N	25	20	60
1083	N	N	10	10	7	V	150	50	20	N	500	N	15	10	35
1084	N	N	15	10	7	N	150	70	30	N	200	N	20	10	40
1085	N	N	15	10	15	N	100	70	50	N	200	N	25	15	60
1086	N	N	15	10	15	N	100	70	50	N	200	N	25	15	60
1087	N	N	20	10	15	N	100	70	70	N	200	N	65	25	100
1088	N	N	15	10	15	N	150	70	50	N	200	N	70	25	110
1089	N	N	30	10	15	N	150	100	20	N	150	N	50	10	55
1090	N	N	30	10	20	N	150	70	70	N	150	N	40	15	55
1091	N	N	20	10	15	N	150	100	30	N	150	N	25	20	75
1092	N	N	30	10	20	N	150	100	30	N	150	N	--	--	--
1093	N	N	30	10	20	N	150	150	30	N	150	N	30	20	65
1094	N	N	50	<10	30	V	200	150	30	N	200	N	45	20	60
1095	N	N	30	<10	20	N	150	70	30	N	200	N	40	20	55
1096	N	N	30	<10	20	N	150	150	50	N	150	N	30	15	45
1097	N	N	30	10	20	N	150	70	30	N	200	N	40	25	80
1098	N	N	20	10	15	N	100	150	30	N	150	N	30	20	50
1099	N	N	30	<10	20	N	150	100	30	N	200	N	35	20	60
1100	N	N	30	<10	20	N	150	150	30	N	150	N	50	25	75
1101	N	N	30	10	15	N	150	70	30	N	200	N	45	30	85
1102	N	N	50	<10	20	N	200	150	30	N	150	N	45	15	50
1103	N	N	30	N	20	N	150	150	30	N	300	N	25	15	40
1104	N	N	50	N	30	N	200	150	30	N	300	N	35	15	35
1105	N	N	30	10	15	N	150	100	30	N	100	N	30	15	45
1106	N	N	50	10	20	N	150	150	30	N	100	N	55	20	50
1107	N	N	50	10	20	N	150	150	30	N	150	N	45	15	40
1108	N	N	30	N	20	N	200	150	30	N	150	N	35	20	45
1109	N	N	30	N	20	N	150	150	30	N	150	N	45	20	45
1110	N	N	50	N	20	N	200	150	30	N	150	N	65	25	60
1111	N	N	50	10	20	N	150	150	30	N	200	N	50	25	55
1112	N	N	50	10	20	N	150	150	30	N	150	N	50	25	50
1113	N	N	50	10	20	N	200	150	30	N	150	N	50	20	55
1114	N	N	70	10	30	N	150	150	30	N	300	N	35	20	40
1115	N	N	70	<10	30	N	150	150	30	N	300	N	35	15	40
1116	N	N	70	N	30	N	200	200	30	N	200	N	45	20	40
1117	N	N	30	<10	20	N	150	100	30	N	150	N	30	20	40
1118	N	N	30	10	15	N	150	100	30	N	150	N	40	25	60
1119	N	N	50	10	15	N	150	150	30	N	200	N	55	25	60
1120	N	N	15	10	10	N	150	70	30	N	150	N	40	25	60
1121	N	N	30	10	15	N	150	150	30	N	300	N	40	20	60
1122	N	N	30	<10	15	N	150	100	30	N	200	N	45	20	70
1123	N	N	20	10	10	N	200	100	30	N	300	N	30	20	45
1124	N	N	30	15	10	N	200	100	30	N	300	N	35	20	50
1125	N	N	50	<10	20	N	200	150	30	N	100	N	50	20	55
1126	N	N	30	10	20	N	150	150	50	N	150	N	30	15	45

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample AA-AG-P

1082	N
1083	N
1084	N
1085	N
1086	N
1087	N
1088	N
1089	N
1090	N
1091	N
1092	N
1093	N
1094	N
1095	N
1096	N
1097	N
1098	N
1099	N
1100	N
1101	N
1102	N
1103	N
1104	N
1105	N
1106	N
1107	N
1108	N
1109	N
1110	N
1111	N
1112	N
1113	N
1114	N
1115	N
1116	N
1117	N
1118	N
1119	N
1120	N
1121	<.5
1122	N
1123	N
1124	N
1125	N
1126	N

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	X-COORD.	Y-COORD.	S-FEX	S-MGX	S-CAZ	S-TIX	S-MN	S-AG	S-3	S-BA	S-BE	S-CD	S-CR	S-CJ	S-LA
1127	-2.60	14.56	5.0	1.50	1.50	.30	700	N	15	500	1.0	15	70	30	30
1128	-2.56	14.39	5.0	2.00	2.00	.30	1,000	N	<10	300	1.0	15	70	30	20
1129	-9.96	5.83	3.0	.70	.70	.20	700	N	30	700	2.0	10	30	30	30
1130	-3.16	13.54	1.5	.20	1.00	.30	300	<.5	15	1,000	1.0	<5	15	5	<20
1131	-2.90	12.22	2.0	.30	1.50	.30	500	<.5	20	700	1.0	5	30	5	30
1132	-4.34	11.59	3.0	.30	.70	.30	300	<.5	30	700	1.0	5	30	7	50
1133	-4.62	13.02	2.0	.50	1.50	.30	500	N	30	1,500	1.0	7	100	7	30
1134	-4.76	12.99	5.0	1.00	3.00	.70	700	<.5	30	700	1.0	15	100	20	30
1135	-5.63	12.94	2.0	.20	1.50	.50	150	<.5	15	1,000	1.0	5	15	<5	30
1136	-4.62	11.80	3.0	.30	1.00	.30	500	<.5	30	700	1.5	7	50	<5	20
1137	-3.29	16.92	7.0	3.00	3.00	1.00	1,500	N	20	500	<1.0	20	200	30	20
1138	-4.67	15.76	10.0	3.00	5.00	>1.00	2,000	N	20	700	<1.0	30	150	30	50
1139	-5.23	14.91	3.0	.70	2.00	.50	500	N	20	700	1.0	7	70	5	20
1140	-2.97	18.31	7.0	3.00	5.00	.70	2,000	N	20	700	<1.0	30	150	30	20
1141	-2.99	18.12	7.0	2.00	3.00	.70	1,500	N	30	700	<1.0	20	150	30	20
1142	-4.43	18.69	15.0	7.00	7.00	>1.00	3,000	N	10	500	N	30	300	70	<20
1143	-4.69	18.69	15.0	5.00	7.00	>1.00	3,000	N	10	700	<1.0	30	200	30	50
1144	-4.95	19.34	15.0	5.00	5.00	>1.00	3,000	N	10	500	N	30	200	50	20
1145	-2.98	19.43	15.0	7.00	7.00	1.00	2,000	N	10	700	<1.0	30	200	30	20
1146	-5.18	15.89	7.0	3.00	3.00	.70	2,000	N	10	700	<1.0	20	150	30	30
1147	-5.37	14.96	2.0	.30	1.50	.30	300	<.5	15	1,000	1.0	10	20	7	20
1148	-6.96	18.30	5.0	1.50	3.00	.50	1,000	<.5	10	1,000	<1.0	20	100	30	30
1149	-6.17	17.11	7.0	3.00	3.00	.70	1,500	N	10	700	<1.0	30	200	30	20
1150	-6.19	16.45	2.0	.50	1.50	.50	700	N	10	1,000	<1.0	15	50	7	30
1151	-8.02	19.79	7.0	5.00	7.00	.70	2,000	N	<10	500	<1.0	30	200	70	20
1152	-7.25	19.28	10.0	5.00	5.00	1.00	2,000	N	<10	300	<1.0	30	200	30	20
1153	-8.83	20.65	15.0	5.00	7.00	1.00	3,000	N	10	700	N	30	200	30	20
1154	-9.04	19.63	3.0	1.00	2.00	.50	1,500	<.5	20	1,000	1.0	15	70	30	30
1155	-9.05	19.80	3.0	.50	2.00	.30	300	N	10	1,500	1.0	10	20	7	20
1156	-2.79	20.83	7.0	5.00	3.00	1.00	3,000	N	<10	500	<1.0	30	150	50	20
1157	-3.80	21.30	7.0	2.00	3.00	.50	1,500	N	10	700	<1.0	20	100	30	20
1158	-3.49	21.34	10.0	5.00	5.00	>1.00	2,000	N	<10	500	<1.0	30	150	30	20
1159	-3.11	21.38	15.0	7.00	5.00	>1.00	3,000	N	10	500	N	30	200	30	20
1160	-3.15	21.52	15.0	5.00	5.00	.70	2,000	N	10	700	<1.0	30	200	50	20
1161	-2.55	21.23	15.0	7.00	7.00	1.00	3,000	N	<10	500	<1.0	30	200	30	20
1162	-2.39	21.31	7.0	3.00	5.00	.30	1,500	N	10	700	1.0	20	100	20	<20
1163	-5.64	20.02	10.0	3.00	3.00	>1.00	1,500	N	<10	300	N	30	150	30	20
1164	-5.38	21.10	10.0	3.00	3.00	1.00	1,500	N	<10	300	<1.0	30	300	50	20
1165	-5.47	21.22	7.0	3.00	3.00	.70	1,500	N	<10	700	<1.0	20	150	30	20
1166	-6.05	21.14	10.0	3.00	3.00	>1.00	2,000	N	10	300	N	30	150	50	20
1167	-0.26	21.93	10.0	3.00	3.00	1.00	3,000	N	10	700	<1.0	20	150	20	20
1168	-0.18	22.61	10.0	3.00	3.00	.70	2,000	N	<10	700	1.0	20	100	30	20
1169	-0.76	21.84	3.0	.70	1.50	.70	300	N	10	1,000	<1.0	10	100	5	20
1170	-2.46	21.88	10.0	3.00	3.00	.50	2,000	N	<10	700	1.0	20	100	20	20
1171	-2.52	21.73	10.0	3.00	3.00	.70	2,000	N	10	1,000	1.0	20	70	30	30

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	S-MO	S-NB	S-NI	S-PB	S-SC	S-SN	S-SR	S-V	S-Y	S-ZN	S-ZR	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZV-P
1127	N	N	30	15	15	N	150	100	30	N	200	N	35	25	70
1128	N	N	30	10	15	N	150	150	30	N	300	N	35	20	65
1129	5	N	30	50	10	N	150	150	100	N	200	N	55	40	190
1130	N	<20	5	10	<5	N	300	20	30	N	300	N	5	N	10
1131	N	<20	7	15	5	N	300	30	30	N	300	10	5	N	15
1132	N	<20	7	15	5	N	200	50	20	N	700	N	5	N	25
1133	N	<20	7	15	5	N	500	30	20	N	300	N	N	N	10
1134	N	<20	30	10	15	N	300	100	20	N	300	N	5	N	20
1135	N	<20	5	15	<5	N	700	30	15	N	300	N	N	N	10
1136	N	<20	7	15	5	V	200	50	20	N	1,000	N	5	N	25
1137	N	<20	70	15	20	N	200	100	30	N	300	N	20	<5	25
1138	N	<20	70	10	30	N	300	200	50	N	700	N	10	N	25
1139	N	<20	7	15	10	N	500	50	30	N	700	N	5	N	15
1140	N	<20	70	15	30	N	300	150	30	N	300	N	15	N	20
1141	N	N	50	10	20	N	200	100	30	N	300	N	15	N	30
1142	N	<20	150	10	30	N	300	200	30	N	150	N	25	N	20
1143	N	<20	100	10	30	N	200	150	50	N	300	N	15	N	20
1144	N	<20	70	10	30	N	300	150	30	N	200	N	25	5	30
1145	N	N	100	10	30	N	300	150	30	N	300	N	25	<5	30
1146	N	N	50	10	20	N	300	150	20	N	300	N	10	N	25
1147	N	N	7	15	5	N	200	30	15	N	700	N	<5	N	10
1148	N	N	50	15	15	N	300	100	20	N	500	N	10	N	20
1149	N	N	70	10	30	N	300	100	20	N	300	N	15	N	25
1150	N	<20	10	10	5	N	300	30	20	N	500	N	5	N	10
1151	N	N	70	10	30	N	300	150	30	<200	70	N	30	N	30
1152	N	N	70	10	30	N	300	150	30	<200	500	N	25	N	25
1153	N	N	70	10	30	V	300	150	30	N	300	N	10	N	20
1154	N	<20	30	15	15	N	500	70	20	N	300	N	10	<5	20
1155	N	N	7	15	5	N	500	30	15	N	100	N	5	<5	20
1156	N	N	70	10	30	N	300	200	50	N	300	N	25	5	35
1157	N	<20	50	20	15	N	300	150	20	N	300	N	20	15	45
1158	N	<20	70	10	30	N	300	150	30	N	300	N	20	5	35
1159	N	N	100	15	30	V	300	200	50	N	300	N	15	<5	25
1160	N	N	70	15	30	N	300	150	50	<200	200	N	20	<5	40
1161	N	N	70	10	30	N	300	200	70	<200	150	N	10	N	20
1162	N	N	20	10	15	N	200	100	20	N	70	N	10	<5	30
1163	N	N	70	10	20	N	200	200	20	<200	200	N	20	<5	25
1164	N	N	70	10	20	N	200	200	20	N	70	N	25	5	25
1165	N	N	50	15	20	N	200	150	20	N	150	N	25	5	30
1166	N	N	70	15	20	N	200	150	30	N	700	N	25	5	30
1167	N	N	50	10	20	N	300	150	30	N	500	N	10	N	15
1168	N	N	20	15	15	N	200	150	30	N	300	N	15	N	30
1169	N	N	7	10	5	N	300	50	15	N	500	N	N	N	10
1170	N	N	20	15	20	N	150	100	30	N	300	N	10	5	40
1171	N	N	15	10	30	N	200	100	50	N	150	N	15	<5	40

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample AA-AG-P

1127	N
1128	N
1129	N
1130	N
1131	N
1132	N
1133	N
1134	N
1135	N
1136	N
1137	N
1138	N
1139	N
1140	N
1141	N
1142	N
1143	N
1144	N
1145	N
1146	N
1147	N
1148	N
1149	N
1150	N
1151	N
1152	N
1153	N
1154	N
1155	N
1156	N
1157	N
1158	N
1159	N
1160	N
1161	N
1162	N
1163	N
1164	N
1165	N
1166	N
1167	N
1168	N
1169	N
1170	N
1171	N

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	X-COORD.	Y-COORD.	S-FEX	S-MG%	S-CA%	S-TIX	S-MN	S-AG	S-3	S-BA	S-BE	S-CO	S-CR	S-CJ	S-LA
1172	-2.76	21.68	15.0	5.00	5.00	1.00	3,000	N	<10	700	<1.0	30	200	30	20
1173	-2.77	22.37	15.0	3.00	5.00	.70	2,000	N	<10	700	<1.0	20	100	30	20
1174	-3.52	22.63	10.0	7.00	5.00	.70	1,500	N	<10	700	<1.0	20	150	30	20
1175	-3.98	22.07	10.0	3.00	5.00	.70	1,500	N	10	700	<1.0	20	150	50	50
1176	-4.19	22.18	15.0	5.00	7.00	>1.00	3,000	N	<10	500	<1.0	30	150	30	20
1177	-4.07	21.94	10.0	3.00	7.00	.70	2,000	N	10	700	<1.0	20	150	30	20
1178	-3.85	21.80	15.0	5.00	7.00	>1.00	3,000	N	<10	300	N	30	150	30	20
1179	-3.92	21.69	15.0	3.00	7.00	1.00	3,000	N	<10	300	<1.0	20	150	20	20
1180	-5.03	22.22	10.0	3.00	5.00	.70	2,000	N	10	700	<1.0	20	150	30	30
1181	-4.88	22.36	15.0	5.00	5.00	1.00	2,000	N	10	500	<1.0	30	200	100	20
1182	-4.93	22.52	15.0	5.00	5.00	.70	3,000	N	10	500	<1.0	30	200	50	20
1183	-2.53	22.69	15.0	5.00	7.00	.50	3,000	N	10	1,000	<1.0	30	150	30	20
1184	-2.46	22.55	15.0	5.00	7.00	.70	2,000	N	10	700	<1.0	30	150	50	20
1185	-6.52	21.75	15.0	5.00	10.00	.70	3,000	N	10	700	<1.0	30	150	30	20
1186	-0.76	22.39	10.0	3.00	3.00	.50	2,000	N	<10	1,000	<1.0	20	100	20	20
1187	-9.60	22.30	15.0	5.00	7.00	>1.00	3,000	N	10	700	N	30	200	70	20
1188	-8.30	22.59	15.0	5.00	7.00	>1.00	2,000	N	10	700	N	30	300	150	20
1189	-7.65	22.71	15.0	5.00	10.00	>1.00	3,000	N	10	700	<1.0	30	200	70	20
1190	-7.62	22.56	10.0	5.00	5.00	.70	2,000	N	10	700	<1.0	30	150	100	150
1191	-7.37	22.57	15.0	5.00	5.00	1.00	3,000	N	10	700	<1.0	30	200	30	20
1192	-6.05	22.76	15.0	3.00	5.00	.70	2,000	N	10	700	<1.0	30	150	50	20
1193	-5.59	22.63	15.0	5.00	5.00	>1.00	3,000	N	10	300	N	30	200	50	20
1194	-7.16	21.89	15.0	5.00	5.00	1.00	2,000	N	15	300	<1.0	30	200	50	20
1195	-6.83	22.05	15.0	5.00	7.00	>1.00	3,000	N	10	300	<1.0	30	200	70	20
1196	-7.62	22.04	10.0	3.00	5.00	.70	2,000	N	10	500	<1.0	30	150	100	30
1197	-7.68	21.89	15.0	3.00	5.00	1.00	2,000	N	<10	200	<1.0	30	200	70	20
1198	-9.63	21.61	10.0	3.00	5.00	1.00	2,000	N	10	700	<1.0	20	200	30	20
1199	-8.98	21.40	3.0	1.00	3.00	.70	1,500	N	15	700	<1.0	10	70	20	30
1200	-8.47	21.52	5.0	1.50	3.00	1.00	2,000	N	10	700	<1.0	20	150	30	20
1201	-8.47	21.36	10.0	3.00	5.00	>1.00	2,000	N	10	500	<1.0	30	200	100	30
1202	-8.12	21.34	5.0	2.00	5.00	.70	1,500	N	10	200	<1.0	15	150	50	20
1203	-7.40	20.78	7.0	3.00	5.00	.70	1,500	N	10	700	<1.0	20	150	100	20
1204	-7.39	20.63	10.0	3.00	7.00	.70	2,000	N	<10	500	<1.0	30	150	70	20
1205	-6.68	21.21	7.0	3.00	5.00	.70	2,000	N	10	500	<1.0	20	100	30	20
1206	-7.67	21.49	10.0	5.00	5.00	.70	2,000	N	<10	500	<1.0	30	300	30	20
1207	-9.07	20.69	7.0	.70	3.00	.70	700	N	10	700	<1.0	10	70	10	20
1208	-9.02	18.73	7.0	1.50	3.00	.70	2,000	N	15	1,500	1.0	20	200	30	30
1209	-9.35	18.94	5.0	.30	2.00	.70	700	N	15	700	<1.0	7	30	5	30
1210	-8.42	19.47	2.0	.50	2.00	.30	>5,000	N	15	500	<1.0	10	30	30	<20
1211	-7.26	18.30	2.0	.50	2.00	.70	700	N	15	700	<1.0	7	30	5	20
1212	-7.21	17.57	3.0	.50	2.00	.70	1,000	N	20	1,000	1.0	10	70	10	30
1213	-8.50	17.87	3.0	.70	2.00	.70	700	N	10	1,000	1.0	10	100	15	30
1214	-8.76	16.29	2.0	.30	1.50	.50	300	N	10	1,000	<1.0	7	100	7	30
1215	-9.31	17.56	3.0	.50	1.50	.70	1,000	N	20	1,000	1.0	10	70	15	20
1216	-4.92	10.59	3.0	.50	1.00	.30	1,500	N	30	700	1.5	7	20	10	20

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	S-MO	S-NB	S-NI	S-PB	S-SC	S-SN	S-SR	S-V	S-Y	S-ZN	S-ZR	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZV-P
1172	N	N	50	10	30	N	200	200	70	N	200	N	15	<5	35
1173	N	N	20	15	30	N	300	150	30	N	200	N	15	5	45
1174	N	N	50	10	30	N	200	100	30	N	150	N	15	<5	45
1175	N	N	50	15	30	N	200	100	50	N	150	N	20	10	60
1176	N	N	70	15	30	N	300	150	30	N	70	N	25	5	45
1177	N	N	50	15	20	N	200	150	30	N	150	N	20	10	45
1178	N	N	70	10	30	N	200	150	30	N	200	N	20	<5	35
1179	N	N	70	10	30	N	200	150	30	N	300	N	15	5	35
1180	N	N	70	15	20	N	200	150	30	N	300	N	20	10	45
1181	N	N	100	10	30	N	200	150	30	N	200	N	40	5	50
1182	N	N	100	10	30	N	300	200	50	N	300	N	30	5	45
1183	N	N	50	15	30	N	200	150	70	N	300	N	15	5	40
1184	N	N	50	10	30	N	200	200	30	N	200	N	20	5	40
1185	N	N	50	10	30	N	200	200	30	N	300	N	10	<5	15
1186	N	N	20	15	20	N	200	100	20	N	200	N	10	<5	35
1187	N	N	70	10	30	N	300	300	30	N	700	N	25	<5	35
1188	N	N	150	10	30	N	200	300	30	N	200	N	50	<5	45
1189	N	N	150	10	30	N	300	200	50	N	300	N	25	<5	40
1190	N	N	150	15	20	N	300	150	30	N	300	N	40	10	60
1191	N	N	100	10	30	N	300	200	70	N	700	N	25	<5	45
1192	N	N	70	15	30	N	300	200	30	N	200	N	25	<5	35
1193	N	N	70	10	30	N	300	200	50	N	300	N	25	<5	35
1194	N	N	100	10	20	N	300	200	50	N	300	N	30	5	35
1195	N	N	100	10	30	N	300	300	50	N	300	N	35	<5	30
1196	N	N	70	10	20	N	300	150	30	N	300	N	40	5	40
1197	N	N	100	10	30	N	300	300	30	<200	150	N	25	N	25
1198	N	N	70	10	30	N	300	200	50	N	500	N	15	N	25
1199	N	N	20	10	15	N	300	100	20	N	300	N	10	N	25
1200	N	N	30	15	20	N	300	150	30	N	500	N	20	5	35
1201	N	N	150	15	30	N	300	200	50	N	700	N	35	5	40
1202	N	N	50	10	15	N	200	100	20	N	200	N	35	5	40
1203	N	N	100	15	20	N	300	100	30	N	300	N	50	10	45
1204	N	N	100	10	30	N	500	100	30	N	100	N	40	5	30
1205	N	N	50	10	20	N	300	100	30	N	150	N	25	5	40
1206	N	N	100	15	30	N	300	150	30	N	200	N	25	<5	30
1207	N	N	15	15	7	N	500	100	20	N	300	N	5	<5	20
1208	N	N	70	20	10	N	500	100	20	N	200	N	10	10	70
1209	N	N	7	15	5	N	300	70	15	N	300	N	5	5	25
1210	N	N	7	15	10	N	150	30	15	N	70	N	15	15	55
1211	N	N	5	10	5	N	300	30	15	N	300	N	5	N	15
1212	N	N	20	20	10	N	500	30	20	N	500	N	10	10	30
1213	N	N	30	20	10	N	300	50	30	N	300	N	5	5	20
1214	N	<20	20	15	5	N	300	30	20	N	300	N	<5	N	10
1215	N	<20	20	15	7	N	300	50	20	N	300	N	10	5	65
1216	N	N	7	20	5	N	150	50	20	N	300	N	10	15	50

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample AA-AG-P

1172 N
1173 N
1174 N
1175 N
1176 N

1177 N
1178 N
1179 N
1180 N
1181 N

1182 N
1183 N
1184 N
1185 N
1186 N

1187 N
1188 N
1189 N
1190 N
1191 N

1192 N
1193 N
1194 N
1195 N
1196 N

1197 N
1198 N
1199 N
1200 N
1201 N

1202 N
1203 N
1204 N
1205 N
1206 N

1207 N
1208 N
1209 N
1210 N
1211 N

1212 N
1213 N
1214 N
1215 N
1216 N

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	X-COORD.	Y-COORD.	S-FEZ	S-MGZ	S-CAZ	S-TIZ	S-MN	S-AG	S-3	S-BA	S-BE	S-CO	S-CR	S-CJ	S-LA
1217	-5.14	10.82	3.0	.30	.50	.50	1,500	N	30	1,000	1.0	7	30	10	20
1218	-4.53	10.16	5.0	.70	1.50	.50	1,000	<.5	30	700	1.0	10	30	30	20
1219	-4.30	10.36	5.0	1.00	1.50	.50	1,500	.5	50	700	1.0	10	30	30	20
1220	-5.88	11.85	2.0	.20	.70	.50	700	N	20	1,000	1.0	7	20	5	<20
1221	-6.00	11.72	3.0	.30	1.50	.70	200	N	20	1,000	1.0	7	20	5	30
1222	-6.26	11.06	2.0	.15	.20	.50	200	N	15	700	<1.0	5	20	7	20
1223	-6.48	11.20	5.0	.20	1.00	.70	500	N	50	700	1.0	5	20	7	30
1224	-7.60	11.39	1.5	.30	.70	.30	500	N	10	1,500	1.0	5	20	7	20
1225	-6.03	14.40	1.0	.10	.70	.30	300	N	20	1,000	<1.0	<5	15	5	30
1226	-7.05	13.12	1.0	.20	.70	.30	300	N	10	1,000	<1.0	<5	15	5	<20
1227	-7.40	13.07	1.0	.20	.70	.30	300	N	20	1,000	1.0	5	15	5	20
1228	-7.04	14.78	.7	.20	.70	.30	300	N	10	1,000	1.0	<5	30	5	<20
1229	-1.59	-4.10	5.0	1.50	3.00	.70	3,000	N	10	700	1.0	15	50	30	30
1230	-1.42	-3.97	5.0	1.50	2.00	.70	2,000	N	20	700	1.0	15	50	50	30
1231	-1.32	-4.29	2.0	.70	1.50	.30	1,500	N	10	700	1.0	10	50	30	<20
1232	-1.11	-4.04	5.0	1.50	2.00	.70	1,500	N	10	700	1.0	15	70	30	30
1233	-0.97	-3.86	3.0	1.00	1.50	.30	1,000	N	15	700	1.0	10	50	30	30
1234	-0.74	-3.99	15.0	2.00	3.00	1.00	3,000	N	10	700	<1.0	20	100	50	50
1235	-0.58	-4.10	7.0	2.00	3.00	.50	1,500	<.5	10	700	1.0	15	70	100	20
1236	-0.46	-4.28	1.5	1.00	2.00	.20	1,500	.5	10	300	<1.0	5	20	70	20
1237	-0.73	-4.51	5.0	2.00	3.00	.50	2,000	.5	15	700	1.0	15	70	150	30
1238	-0.34	-4.69	7.0	3.00	3.00	.70	1,500	2.0	15	700	1.0	15	50	300	50
1239	-0.30	-4.91	7.0	2.00	3.00	.70	1,500	N	15	700	1.0	20	70	30	30
1240	-0.30	-5.12	5.0	1.50	2.00	.70	1,500	N	15	700	1.0	20	70	50	30
1241	-0.14	-5.32	7.0	3.00	3.00	.70	2,000	N	10	700	<1.0	20	150	30	30
1242	-9.88	-5.44	5.0	1.50	3.00	.50	3,000	N	10	700	1.0	15	100	30	20
1243	-9.62	-5.25	3.0	1.50	3.00	.50	1,500	N	10	500	1.0	15	100	20	20
1246	-1.87	-4.10	7.0	2.00	5.00	.70	3,000	N	10	700	<1.0	15	70	100	20
1247	-1.97	-4.27	5.0	1.50	3.00	.70	1,500	N	10	700	<1.0	15	50	100	20
1248	-2.32	-4.32	5.0	1.00	1.50	.70	1,000	N	10	700	1.0	15	70	20	20
1249	-2.39	-4.16	7.0	1.00	3.00	.70	2,000	N	10	700	<1.0	20	100	10	30
1250	-2.52	-4.56	5.0	1.00	3.00	.50	1,000	N	10	700	1.0	15	50	5	20
1251	-5.49	9.85	3.0	1.00	.70	.30	1,500	N	30	500	<1.0	10	30	15	30
1252	-5.28	10.07	3.0	1.50	.70	.50	700	N	50	500	1.0	15	70	30	50
1253	-5.11	10.48	7.0	3.00	5.00	.30	2,000	N	<10	700	1.0	30	150	50	20
1254	-6.06	11.28	3.0	1.50	1.50	.30	1,500	N	30	500	1.0	10	30	10	20
1255	6.12	6.60	5.0	5.00	5.00	.50	3,000	N	10	700	<1.0	30	300	200	30
1256	6.21	6.43	10.0	5.00	7.00	.70	3,000	N	<10	700	<1.0	30	300	150	20

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample	S-MO	S-NB	S-NI	S-PB	S-SC	S-SN	S-SR	S-V	S-Y	S-ZN	S-ZR	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZV-P
1217	N	N	7	15	7	N	200	50	20	N	500	N	5	5	25
1218	N	N	7	20	10	N	150	50	20	N	500	N	15	10	75
1219	N	N	10	30	15	N	200	70	20	N	200	N	20	30	75
1220	N	N	7	15	5	N	300	30	15	N	200	N	5	N	15
1221	N	N	5	20	7	N	700	50	70	N	700	N	N	N	10
1222	N	N	5	15	5	N	200	30	15	N	700	N	N	N	10
1223	N	N	5	20	5	N	500	70	15	N	700	N	<5	N	15
1224	N	N	7	20	5	N	300	30	10	N	200	N	<5	N	10
1225	N	N	5	10	<5	N	200	20	10	N	300	N	<5	N	10
1226	N	N	5	15	<5	N	300	30	10	N	300	N	<5	N	5
1227	N	N	5	15	<5	N	200	20	15	N	300	N	<5	N	10
1228	N	N	7	15	<5	N	300	20	<10	N	200	N	<5	N	10
1229	N	N	10	30	15	N	150	70	30	700	150	N	25	15	200
1230	N	N	15	30	15	N	150	50	30	300	300	N	30	25	220
1231	N	N	10	20	10	N	100	50	50	<200	200	N	30	35	280
1232	N	<20	15	30	20	N	150	100	150	200	300	N	20	25	190
1233	N	<20	10	30	15	N	150	70	15	200	300	N	20	25	200
1234	N	<20	20	50	30	N	150	150	100	1,000	300	N	25	30	300
1235	N	<20	20	70	15	N	150	100	70	1,000	200	N	40	65	480
1236	N	N	5	150	5	N	100	30	15	1,500	50	N	75	150	350
1237	N	<20	20	150	20	N	150	100	150	1,500	300	N	100	230	1,100
1238	N	<20	10	700	15	N	150	100	70	3,000	300	N	230	570	2,700
1239	N	N	20	15	15	N	200	100	50	N	150	N	25	10	70
1240	N	N	20	15	15	N	150	100	50	N	200	N	30	10	65
1241	N	N	30	15	20	N	150	150	70	N	150	N	20	10	55
1242	N	N	30	15	15	N	150	100	30	N	150	N	25	15	85
1243	N	N	20	10	15	N	150	100	30	N	150	N	20	10	50
1246	N	N	30	50	20	N	150	100	50	200	200	N	35	45	210
1247	N	N	10	70	15	N	150	70	50	<200	300	N	30	35	140
1248	N	<20	7	20	15	N	150	50	50	<200	700	N	15	20	90
1249	N	<20	10	15	15	N	200	100	70	N	300	N	5	N	25
1250	N	<20	10	15	15	N	300	70	30	N	200	N	5	N	20
1251	N	<20	10	20	7	N	<100	30	15	N	300	N	10	10	25
1252	N	<20	20	20	10	N	100	50	30	N	300	N	10	10	50
1253	N	N	50	20	20	N	200	100	20	N	100	N	25	10	50
1254	N	N	10	15	10	N	100	30	20	N	200	N	10	10	30
1255	N	N	100	100	30	N	300	150	20	300	70	N	85	110	270
1256	N	N	70	50	30	N	300	150	20	200	50	N	55	35	140

Analyses of samples of stream sediments from the Mount Zirkel Wilderness and Northern Park Range vicinity, Jackson and Routt Counties, Colorado

sample AA-AG-P

1217	N
1218	N
1219	<.5
1220	N
1221	N
1222	N
1223	N
1224	N
1225	N
1226	N
1227	N
1228	N
1229	N
1230	N
1231	N
1232	N
1233	N
1234	N
1235	N
1236	.5
1237	.5
1238	2.0
1239	N
1240	N
1241	N
1242	N
1243	N
1246	N
1247	N
1248	N
1249	N
1250	N
1251	N
1252	N
1253	N
1254	N
1255	N
1256	N