

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Analyses of the less than 0.180-mm fraction of
drainage sediments, Richfield 1° x 2° quadrangle, Utah

by

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Open-File Report 83-74
1983

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

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Introduction

A regional geochemical survey was conducted in the Richfield 1° x 2° quadrangle during the summer of 1978 and 1979. Samples collected included waters, rocks, the heavy-mineral fraction, and the less than 0.180-mm fraction of drainage sediments. This report is limited to the less than 0.180-mm fraction of drainage sediments. All results are semiquantitative optical emission spectrographic data, and are listed in table 1 according to sample numbers that correspond to the heavy-mineral fraction data (Motooka and others, 1979). The analytical data were entered into and stored in the U.S. Geological Survey Computer Storage System (RASS) (Van Trump and Miesch, 1977).

Collection of Samples

Samples of drainage sediment were collected from streams which ranged from 1.67 to 3.3 kilometer (1-2 miles) in length. Composite samples were taken by collecting four or five samples across and along the active channel. Sample density was one sample/8 km² (1 sample/3 mi²). The geochemical sampling was carried out by W. R. Miller, J. B. McHugh, G. K. Lee, J. F. Guadagnoli, L. La Guardia, J. D. Tucker, and R. E. Tucker.

Preparation of Samples

A majority of the samples collected were prepared and analyzed on locations in the U.S. Geological Survey's mobile field laboratories. The preparation and analyses were carried out by J. M. Motooka, J. B. McHugh, J. D. Tucker, R. E. Tucker, and J. F. Guadagnoli.

Each sample was dried and sieved to minus 80 mesh (0.177 mm) and pulverized to approximately minus 140 mesh (0.105 mm) in a vertical grinder having ceramic plates.

Analytical Procedure

Each sample was analyzed semiquantitatively for 30 elements by a 6-step D.C. arc, optical emission spectrographic method (Grimes and Marranzino, 1968). Gold and arsenic are elements sought but "not detected" in any of the samples and do not appear in the table. All values are reported as six steps per order of magnitude (1, 0.7, 0.5, 0.3, 0.2, 0.15, or multiples of 10 of these numbers) and are approximate geometric midpoints of the concentration ranges. The precision is shown to be within one adjoining reporting interval on each side of the reported value 83 percent of the time and within two adjoining intervals on each side of the reported value 96 percent of the time (Motooka and Grimes, 1976).

Explanation of Tables

Iron, magnesium, calcium, and titanium values are reported in percent; all other elements are in parts per million. The letter preceding chemical symbols indicates the method of analyses: S, 6-step semiquantitative spectrographic method. Other symbols on table are as follows: N, not detected; <, amount detected is below the lowest limit of determination, which is figure shown; >, amount detected is above the highest limit of determination which is figure shown; and --, not determined.

References Cited

- Grimes, D. J., and Marranzino, A. P., 1968, Direct-current arc and alternating-spark emission spectrographic field methods for the semiquantitative analyses of geologic materials: U.S. Geological Survey Circular 591, 6 p.
- Motooka, J. M., and Grimes, D. J., 1976, Analytical precision of one-sixth order semiquantitative spectrographic analyses: U.S. Geological Survey Circular 738, 25 p.
- Motooka, J. M., McHugh, J. B., and Miller, W. R., 1979, Analyses of the heavy-mineral fractions of drainage sediments, Richfield 1° x 2° quadrangle, Utah: U.S. Geological Survey Open-File Report 79-1979.
- VanTrump, George, Jr., and Miesch, A. T., 1977, U.S. Geological Survey RASS-STATPAC system for management and statistical reduction of geochemical data: Computers and Geoscience, v. 3, p. 475-488.

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah

Sample	LATITUDE	LONGITUD	S-FEZ	S-MGX	S-CAZ	S-TIX	S-MN	S-AG	S-B	S-BA	S-BE
0001CM31	38 22 5	113 6 11	3.0	2.00	7.00	.30	1,500	N	70	500	1.5
0004CM24	38 44 17	113 3 19	2.0	1.00	1.50	.30	700	N	100	500	2.0
0005CM24	38 42 36	113 4 13	2.0	3.00	10.00	.30	1,000	N	100	700	1.5
0006CM24	38 41 32	113 6 40	2.0	1.50	5.00	.30	500	N	100	500	1.5
0007CM24	38 39 6	113 7 24	3.0	1.00	1.00	.70	1,500	N	100	700	2.0
0008CM24	38 40 32	113 8 1	5.0	1.50	3.00	.50	1,000	N	100	700	3.0
0009CM24	38 39 34	113 9 32	5.0	1.00	1.00	.50	1,500	N	100	700	2.0
0010CM24	38 37 46	113 8 38	3.0	2.00	3.00	.30	1,000	N	70	500	2.0
0011CM24	38 38 3	113 14 11	3.0	1.00	3.00	.50	1,000	N	100	500	1.5
0012CM24	38 38 28	113 14 27	3.0	1.00	2.00	.50	1,000	N	70	500	1.5
0013CM24	38 37 27	113 15 50	3.0	1.00	2.00	.30	700	N	100	500	2.0
0014CM24	38 37 25	113 15 49	3.0	1.00	3.00	.30	500	N	70	500	2.0
0015CM24	38 37 26	113 15 52	3.0	2.00	5.00	.30	700	N	100	500	2.0
0017CM24	38 35 26	113 16 36	5.0	1.00	.70	.50	1,000	N	100	1,000	3.0
0018CM24	38 33 43	113 17 33	2.0	5.00	7.00	.20	1,000	N	50	500	3.0
0019CM24	38 32 56	113 17 28	7.0	1.00	1.50	.70	1,000	N	70	700	1.5
0020CM31	38 24 40	113 19 3	5.0	2.00	3.00	.50	1,500	N	30	700	1.0
0021CM31	38 23 1	113 17 45	10.0	1.50	2.00	1.00	1,500	N	30	1,000	1.5
0022CM31	38 24 54	113 15 18	10.0	2.00	3.00	>1.00	1,500	N	50	1,000	1.0
0023CM31	38 17 32	113 19 44	10.0	1.50	5.00	1.00	2,000	N	30	700	1.0
0024CM31	38 16 32	113 19 34	10.0	2.00	2.00	1.00	1,500	N	50	1,000	2.0
0025CM31	38 15 52	113 18 51	20.0	1.50	2.00	>1.00	2,000	N	20	500	<1.0
0026CM31	38 20 23	113 25 57	15.0	2.00	3.00	>1.00	2,000	N	20	700	<1.0
0027CM31	38 21 53	113 28 4	10.0	3.00	3.00	1.00	1,500	N	20	700	1.5
0028CM31	38 15 25	113 28 33	5.0	1.00	1.00	.50	1,000	N	100	700	3.0
0029CM32	38 17 29	113 32 57	2.0	10.00	15.00	.20	1,000	N	50	300	1.0
0030CM32	38 17 34	113 32 48	2.0	10.00	10.00	.20	1,000	N	50	300	1.5
0031CM33	38 1 14	113 59 47	2.0	.20	.50	.30	1,000	N	30	150	7.0
0032CM33	38 1 10	113 59 2	7.0	.30	.50	.30	1,500	N	50	300	10.0
0033CM33	38 2 30	113 59 45	10.0	1.00	1.00	1.00	1,000	N	20	700	1.5
0034CM33	38 0 16	113 49 17	5.0	1.00	1.50	.70	1,000	N	30	700	1.0
0035CM33	38 3 14	113 47 7	10.0	1.00	.70	1.00	700	20.0	500	2.0	
0036CM33	38 2 17	113 45 47	1.5	.20	.50	.20	1,000	N	20	150	7.0
0037CM33	38 2 17	113 45 47	2.0	.30	.70	.30	1,500	N	30	200	7.0
0038CM33	38 2 16	113 45 39	10.0	.50	1.00	1.00	2,000	N	30	500	3.0
0039CM33	38 3 22	113 49 40	5.0	1.00	.70	.70	1,500	N	30	1,000	1.5
0040CM33	38 3 22	113 49 21	>20.0	1.50	.70	>1.00	1,500	N	10	700	<1.0
0041CM33	38 3 23	113 47 25	3.0	.70	.70	.50	1,000	N	30	700	1.5
0042CM33	38 1 52	113 47 5	20.0	.70	1.00	>1.00	1,500	N	10	700	<1.0
0043CM33	38 1 20	113 46 9	1.5	.30	.70	.15	1,000	N	30	150	7.0
0044CM33	38 3 53	113 47 6	7.0	.50	.70	.70	1,000	N	30	500	3.0
0045CM33	38 3 56	113 47 13	1.0	.30	.50	.30	500	<.5	100	300	3.0
0046CM33	38 3 48	113 47 8	7.0	1.00	.70	.50	1,000	.5	30	500	2.0
0047CM33	38 4 48	113 47 24	3.0	3.00	5.00	.30	500	<.5	50	300	1.5
0048CM33	38 6 23	113 45 32	5.0	.50	.70	.70	1,000	N	50	1,000	5.0

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah

Sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
0001CM31	N	N	15	150	30	50	N	N	30	50	N
0004CM24	N	N	15	100	20	30	N	<20	20	20	N
0005CM24	N	N	15	70	20	50	N	<20	30	50	N
0006CM24	N	N	10	50	20	30	N	N	20	20	N
0007CM24	N	N	15	70	30	50	N	<20	30	70	N
0008CM24	N	N	15	70	30	50	N	<20	30	70	N
0009CM24	N	N	20	70	30	50	N	<20	30	70	N
0010CM24	N	N	15	70	20	50	N	<20	20	50	N
0011CM24	N	N	15	70	20	50	N	<20	20	30	N
0012CM24	N	N	15	70	20	50	N	<20	20	50	N
0013CM24	N	N	10	70	20	30	N	<20	20	50	N
0014CM24	N	N	10	100	20	50	N	<20	20	50	N
0015CM24	N	N	10	70	20	50	N	<20	15	30	N
0017CM24	N	N	20	70	30	50	N	<20	30	50	N
0018CM24	N	N	15	50	15	20	N	<20	20	70	N
0019CM24	N	N	20	70	30	50	N	<20	30	50	N
0020CM31	N	N	30	200	30	50	N	<20	50	50	N
0021CM31	N	N	30	100	30	100	N	<20	30	70	N
0022CM31	N	N	50	200	50	70	N	<20	50	50	N
0023CM31	N	N	30	200	50	50	N	<20	30	50	N
0024CM31	N	N	30	300	50	50	N	<20	50	50	N
0025CM31	N	N	50	500	100	100	N	<20	50	30	N
0026CM31	N	N	50	500	100	100	N	<20	70	70	N
0027CM31	N	N	50	500	70	50	N	<20	70	50	N
0028CM31	N	N	20	150	20	70	N	30	20	100	N
0029CM32	N	N	10	50	10	N	N	N	15	30	N
0030CM32	N	N	10	70	15	20	N	<20	15	70	N
0031CM33	N	N	5	15	5	30	N	50	<5	70	N
0032CM33	N	N	10	50	20	70	N	50	10	100	N
0033CM33	N	N	30	100	30	70	N	<20	20	50	N
0034CM33	N	N	30	150	30	50	N	<20	30	30	N
0035CM33	N	N	15	70	15	100	5	<20	5	100	N
0036CM33	N	N	5	<10	<5	70	5	30	<5	30	N
0037CM33	N	N	7	10	5	100	7	30	<5	50	N
0038CM33	N	N	15	70	15	200	10	50	10	100	N
0039CM33	N	N	20	50	20	70	N	<20	10	50	N
0040CM33	N	N	70	500	20	70	N	<20	50	100	N
0041CM33	N	N	20	30	15	50	5	<20	5	50	N
0042CM33	N	N	70	700	50	100	N	<20	50	70	N
0043CM33	N	N	<5	10	<5	70	<5	30	<5	70	N
0044CM33	N	N	20	70	20	100	N	20	15	70	N
0045CM33	N	N	7	<10	7	50	7	30	5	30	N
0046CM33	N	N	20	20	15	100	5	<20	<5	70	N
0047CM33	N	N	10	20	10	50	10	20	5	70	N
0048CM33	N	N	15	50	15	70	15	20	10	50	N

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	S-TH
0001CM31	10	N	500	100	N	30	N	200	N
0004CM24	10	N	300	100	N	30	N	500	N
0005CM24	10	N	500	150	N	50	N	500	N
0006CM24	7	N	300	100	N	30	N	500	N
0007CM24	10	N	500	100	N	30	N	500	N
0008CM24	15	N	500	150	N	50	N	500	N
0009CM24	10	N	300	100	N	30	N	500	N
0010CM24	10	N	300	100	N	30	N	500	N
0011CM24	10	N	500	150	N	30	N	500	N
0012CM24	10	N	500	150	N	50	N	700	N
0013CM24	10	N	300	150	N	30	N	150	N
0014CM24	10	N	200	150	N	50	N	200	N
0015CM24	10	N	300	100	N	50	N	200	N
0017CM24	10	N	200	150	N	30	N	200	N
0018CM24	7	N	300	70	N	30	N	150	N
0019CM24	15	N	500	200	N	30	N	200	N
0020CM31	20	N	500	300	N	30	N	100	N
0021CM31	15	N	500	300	N	50	N	700	N
0022CM31	20	N	500	300	N	50	N	150	N
0023CM31	15	N	500	200	N	30	N	200	N
0024CM31	15	N	500	200	N	50	N	200	N
0025CM31	20	N	500	700	N	30	500	150	N
0026CM31	20	N	500	700	N	50	N	500	N
0027CM31	20	N	500	500	N	30	N	150	N
0028CM31	15	N	200	200	N	50	N	200	N
0029CM32	7	N	200	100	N	20	N	100	N
0030CM32	7	N	200	150	N	20	N	100	N
0031CM33	5	N	150	70	N	70	N	500	N
0032CM33	7	20	150	150	N	70	N	500	N
0033CM33	15	N	500	500	N	30	N	500	N
0034CM33	10	N	500	300	N	30	N	500	N
0035CM33	10	30	300	300	N	30	N	700	N
0036CM33	5	N	150	30	N	30	N	150	N
0037CM33	7	N	200	50	N	70	N	500	N
0038CM33	10	N	200	150	N	100	N	700	N
0039CM33	15	N	300	200	N	30	N	200	N
0040CM33	20	N	200	1,500	N	50	N	1,000	N
0041CM33	10	N	500	150	N	20	N	200	N
0042CM33	15	N	300	700	N	30	N	700	N
0043CM33	5	N	100	20	N	30	N	150	N
0044CM33	10	N	200	200	N	50	N	200	N
0045CM33	7	N	100	70	N	30	N	150	N
0046CM33	15	N	500	200	N	30	N	200	N
0047CM33	7	N	150	150	N	20	N	200	N
0048CM33	7	N	500	150	N	30	N	300	N

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	LATITUDE	LONGITUD	S-FEX	S-MGZ	S-CAZ	S-TIX	S-MN	S-AG	S-B	S-BA	S-BE
0049CM33	38 6 47	113 52 37	5.0	1.00	1.50	.50	1,000	N	50	700	1.5
0050CM33	38 9 21	113 53 50	5.0	1.00	1.00	.50	1,000	N	30	700	1.5
0051CM33	38 9 24	113 53 55	5.0	1.00	1.00	.70	1,500	N	30	700	1.5
0052CM33	38 11 6	113 54 54	7.0	1.00	1.50	.70	1,000	N	30	1,000	1.0
0053CM33	38 13 22	113 54 8	10.0	2.00	3.00	.70	1,500	N	30	1,000	1.5
0054CM33	38 13 2	113 53 11	7.0	1.50	1.50	1.00	1,500	N	70	1,000	1.5
0055CM33	38 13 47	113 50 50	10.0	1.50	2.00	1.00	2,000	N	50	1,500	1.5
0056CM32	38 19 20	113 58 12	5.0	5.00	15.00	.50	1,000	N	50	500	1.5
0057CM32	38 20 34	113 58 41	2.0	5.00	15.00	.30	1,500	N	70	700	1.5
0058CM32	38 21 37	113 57 13	10.0	1.00	2.00	.70	1,500	<.5	20	1,500	2.0
0059CM32	38 21 48	113 55 54	7.0	2.00	5.00	.50	1,500	N	50	1,500	2.0
0060CM32	38 21 42	113 53 28	10.0	1.50	1.50	>1.00	2,000	N	20	1,000	1.0
0061CM32	38 23 47	113 59 16	5.0	1.00	3.00	.50	1,500	N	20	700	1.0
0062CM32	38 23 40	113 59 17	10.0	2.00	3.00	1.00	1,500	N	30	700	1.0
0063CM32	38 24 49	113 56 40	5.0	1.00	5.00	.70	1,000	N	20	1,000	1.5
0064CM32	38 26 56	113 54 29	3.0	2.00	5.00	.30	1,000	N	30	500	1.0
0065CM32	38 28 1	113 55 2	3.0	1.50	3.00	.50	1,000	N	50	700	1.5
0066CM32	38 29 32	113 55 10	10.0	1.00	2.00	1.00	1,000	.5	30	500	1.0
0067CM32	38 27 56	113 58 36	2.0	5.00	7.00	.20	700	N	50	500	1.0
0068CM32	38 28 40	113 59 2	5.0	2.00	5.00	.30	1,000	N	50	700	2.0
0070CM42	38 17 39	112 56 17	5.0	5.00	7.00	.50	700	1.0	30	500	3.0
0073CM42	38 18 28	112 53 8	3.0	2.00	1.50	.50	1,500	<.5	70	700	2.0
0074CM42	38 18 38	112 56 4	15.0	2.00	1.50	>1.00	1,500	.5	10	1,000	1.5
0076CM12	38 45 7	112 57 14	3.0	1.00	5.00	.70	1,000	N	50	300	1.0
0077CM12	38 46 4	112 58 51	3.0	3.00	15.00	.30	1,500	N	70	500	1.0
0078CM12	38 46 41	112 57 51	2.0	2.00	10.00	.50	1,000	<.5	70	1,000	1.0
0079CM12	38 48 7	112 57 35	2.0	3.00	15.00	.50	1,500	N	70	1,000	1.0
0080CM12	38 51 43	112 55 45	2.0	10.00	15.00	.30	1,000	N	100	1,000	1.0
0081CM12	38 51 52	112 54 4	5.0	5.00	10.00	.50	1,500	N	100	700	2.0
0082CM12	38 49 47	112 57 6	2.0	2.00	10.00	.50	1,000	N	50	500	1.5
0083CM12	38 50 4	112 57 37	2.0	2.00	15.00	.30	1,000	N	100	500	1.0
0084CM12	38 51 52	112 58 37	5.0	1.50	15.00	.70	1,500	N	70	1,000	1.5
0085CM12	38 49 49	112 59 1	5.0	2.00	15.00	.50	1,500	N	70	1,000	2.0
0086CM12	38 49 43	112 59 1	7.0	2.00	10.00	.70	1,500	N	100	1,000	1.5
0087CM12	38 49 44	112 59 2	5.0	2.00	10.00	.70	1,500	<.5	100	1,000	2.0
0088CM12	38 49 3	112 59 8	2.0	1.50	10.00	.30	1,000	N	70	1,000	1.0
0089CM21	38 46 12	113 0 53	5.0	2.00	7.00	.50	1,500	N	100	1,500	2.0
0090CM21	38 46 16	113 2 24	3.0	1.00	1.50	.50	1,000	N	100	1,000	2.0
0091CM23	38 43 57	113 37 17	3.0	1.50	5.00	.50	1,000	N	30	700	1.5
0092CM23	38 43 20	113 34 40	2.0	2.00	15.00	.30	700	N	50	500	1.0
0093CM23	38 42 36	113 37 5	3.0	3.00	15.00	.70	1,000	N	30	500	1.0
0094CM23	38 41 20	113 34 52	3.0	3.00	15.00	.70	1,000	N	30	500	1.0
0095CM23	38 40 2	113 36 25	2.0	5.00	15.00	.50	700	N	50	500	1.0
0096CM23	38 38 24	113 35 49	2.0	5.00	15.00	.30	700	N	50	500	1.0
0097CM23	38 36 30	113 36 9	1.5	7.00	15.00	.30	700	.5	50	300	1.0

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
0049CM33	N	N	20	100	20	70	N	<20	15	50	N
0050CM33	N	N	20	70	20	50	N	<20	10	50	N
0051CM33	N	N	20	100	20	50	N	<20	10	70	N
0052CM33	N	N	20	100	20	70	N	<20	30	70	N
0053CM33	N	N	30	150	20	70	N	<20	20	70	N
0054CM33	N	N	30	150	30	70	N	<20	20	50	N
0055CM33	N	N	30	150	30	70	N	<20	20	70	N
0056CM32	N	N	10	50	15	70	N	N	10	100	N
0057CM32	N	N	15	70	20	50	N	<20	15	70	N
0058CM32	N	N	20	100	20	100	N	<20	15	150	N
0059CM32	N	N	15	50	20	70	N	<20	10	70	N
0060CM32	N	N	30	100	15	150	N	<20	15	50	N
0061CM32	N	N	20	70	20	70	N	<20	30	70	N
0062CM32	N	N	30	150	20	50	N	<20	15	50	N
0063CM32	N	N	15	70	10	70	N	<20	7	50	N
0064CM32	N	N	15	30	15	50	N	N	10	50	N
0065CM32	N	N	20	70	20	50	N	<20	15	30	N
0066CM32	N	N	30	150	30	30	N	<20	30	30	N
0067CM32	N	N	10	30	10	30	N	N	7	30	N
0068CM32	N	N	15	30	20	50	N	N	20	50	N
0070CM42	N	N	20	70	30	50	N	N	15	150	N
0073CM42	N	N	15	100	30	50	N	<20	20	20	N
0074CM42	N	N	30	30	100	100	N	<20	20	70	N
0076CM12	N	N	15	150	15	50	N	<20	15	20	N
0077CM12	N	N	15	100	20	20	N	N	15	70	N
0078CM12	N	N	15	70	15	50	N	<20	15	20	N
0079CM12	N	N	10	70	20	50	N	N	20	50	N
0080CM12	N	N	10	70	20	20	N	N	15	50	N
0081CM12	N	N	15	100	30	50	N	<20	15	100	N
0082CM12	N	N	15	70	20	50	N	N	15	30	N
0083CM12	N	N	10	70	15	20	N	N	15	30	N
0084CM12	N	N	15	100	30	50	N	<20	20	70	N
0085CM12	N	N	15	100	20	50	N	N	20	50	N
0086CM12	N	N	20	150	20	50	N	N	30	70	N
0087CM12	N	N	15	150	30	50	N	<20	20	70	N
0088CM12	N	N	10	50	20	20	N	N	15	30	N
0089CM21	N	N	15	150	15	100	N	<20	20	50	N
0090CM21	N	N	15	70	20	30	N	<20	30	30	N
0091CM23	N	N	15	50	10	70	N	<20	7	20	N
0092CM23	N	N	10	70	10	30	N	N	15	30	N
0093CM23	N	N	15	70	10	100	N	<20	15	30	N
0094CM23	N	N	10	70	10	100	N	<20	10	30	N
0095CM23	N	N	10	50	10	20	N	N	10	30	N
0096CM23	N	N	10	50	15	20	N	N	10	30	N
0097CM23	N	N	10	30	15	<20	N	N	15	70	N

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	S-TH
0049CM33	15	N	500	200	N	30	N	700	N
0050CM33	15	N	500	150	N	20	N	300	N
0051CM33	10	N	300	150	N	20	N	500	N
0052CM33	15	N	500	200	N	30	N	700	N
0053CM33	20	N	500	500	N	30	N	700	N
0054CM33	15	N	500	300	N	30	N	1,000	N
0055CM33	15	N	500	700	N	30	N	700	N
0056CM32	15	N	500	200	N	30	N	200	N
0057CM32	10	N	300	100	N	30	N	200	N
0058CM32	15	N	700	200	N	30	N	500	N
0059CM32	15	N	1,000	300	N	30	N	500	N
0060CM32	20	N	700	500	N	50	N	200	N
0061CM32	15	N	700	300	N	20	N	500	N
0062CM32	15	N	500	300	N	30	N	700	N
0063CM32	15	N	1,000	200	N	30	N	700	N
0064CM32	15	N	500	150	N	20	N	200	N
0065CM32	15	N	500	150	N	30	N	500	N
0066CM32	15	N	500	500	N	30	N	500	N
0067CM32	7	N	200	70	N	20	N	150	N
0068CM32	10	N	500	150	N	30	N	150	N
0070CM42	10	N	300	150	N	30	N	200	N
0073CM42	10	N	200	100	N	50	N	300	N
0074CM42	10	N	500	300	N	70	N	700	N
0076CM12	10	N	500	200	N	30	N	700	N
0077CM12	7	N	700	150	N	20	N	500	N
0078CM12	10	N	500	100	N	30	N	300	N
0079CM12	10	N	500	100	N	30	N	500	N
0080CM12	7	N	300	100	N	30	N	100	N
0081CM12	15	N	500	100	N	30	N	150	N
0082CM12	10	N	500	100	N	20	N	150	N
0083CM12	10	N	700	100	N	30	N	500	N
0084CM12	10	N	500	100	N	50	N	700	N
0085CM12	10	N	500	100	N	30	N	200	N
0086CM12	15	N	500	150	N	50	N	500	N
0087CM12	15	N	700	150	N	50	N	200	N
0088CM12	10	N	500	100	N	30	N	200	N
0089CM21	15	N	300	150	N	70	N	700	N
0090CM21	10	N	200	150	N	30	N	700	N
0091CM23	15	N	700	200	N	30	N	200	N
0092CM23	10	N	500	150	N	30	N	100	N
0093CM23	10	N	700	200	N	30	N	150	N
0094CM23	10	N	500	200	N	50	N	200	N
0095CM23	10	N	700	150	N	20	N	100	N
0096CM23	7	N	500	150	N	20	N	150	N
0097CM23	7	N	500	70	N	15	N	100	N

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	LATITUDE	LONGITUD	S-FEX	S-MGX	S-CAZ	S-TIX	S-MN	S-AG	S-B	S-BA	S-BE
0098CM23	38 34 43	113 34 33	1.0	7.00	15.00	.20	500	N	50	300	1.0
0099CM23	38 37 12	113 32 2	2.0	3.00	7.00	.50	1,500	<.5	100	700	1.5
0100CM23	38 35 21	113 31 30	3.0	3.00	7.00	.50	1,000	N	70	500	1.0
0101CM23	38 34 19	113 30 50	10.0	2.00	3.00	.70	1,500	N	50	1,000	2.0
0102CM23	38 31 0	113 30 46	10.0	2.00	2.00	>1.00	2,000	N	20	1,000	1.0
0103CM23	38 32 46	113 36 21	2.0	5.00	15.00	.30	1,000	N	50	700	1.0
0104CM32	38 29 30	113 31 21	1.0	5.00	15.00	.20	500	3.0	30	200	<1.0
0105CM31	38 17 39	113 17 42	7.0	1.00	3.00	>1.00	1,500	N	30	700	1.5
0106CM31	38 17 42	113 17 42	15.0	2.00	2.00	>1.00	1,500	N	15	1,000	1.0
0107CM31	38 17 39	113 17 45	2.0	1.00	7.00	.30	700	<.5	70	500	1.0
0108CM31	38 26 33	113 17 26	1.0	10.00	15.00	.07	500	N	20	150	N
0109CM31	38 29 3	113 18 23	5.0	2.00	1.50	1.00	1,000	N	70	700	1.0
0110CM24	38 31 23	113 8 1	5.0	2.00	7.00	.70	1,500	N	70	1,000	1.0
0111CM24	38 33 8	113 12 59	10.0	2.00	7.00	.70	1,500	N	50	1,500	1.5
0112CM24	38 33 7	113 13 2	10.0	2.00	5.00	.70	1,000	N	50	1,000	1.0
0113CM24	38 33 11	113 12 55	7.0	2.00	3.00	.70	1,500	N	70	1,500	1.5
0114CM21	38 47 26	113 2 22	5.0	1.00	3.00	.50	1,000	N	100	700	2.0
0115CM21	38 54 38	113 1 2	2.0	1.00	.70	.50	1,000	N	100	500	1.5
0116CM12	38 59 1	112 57 43	3.0	1.50	7.00	.30	1,000	N	100	500	2.0
0117CM23	38 42 50	113 58 18	2.0	3.00	10.00	.20	700	<.5	70	500	1.5
0118CM23	38 41 21	113 59 3	1.5	1.00	7.00	.20	500	.5	100	300	1.0
0119CM23	38 39 54	113 59 30	2.0	1.00	15.00	.20	500	1.0	150	300	1.0
0120CM23	38 44 21	113 55 43	2.0	3.00	7.00	.30	500	N	50	300	<1.0
0121CM23	38 41 43	113 57 11	.5	1.00	3.00	.15	150	N	50	200	<1.0
0122CM23	38 41 48	113 55 58	5.0	3.00	15.00	.50	1,000	N	70	300	<1.0
0123CM23	38 40 1	113 56 19	2.0	3.00	15.00	.30	1,500	<.5	70	500	1.5
0126CM23	38 36 36	113 56 33	2.0	2.00	15.00	.20	500	.5	100	200	1.0
0127CM23	38 35 15	113 57 17	3.0	1.00	20.00	.30	500	<.5	100	300	1.0
0128CM23	38 34 18	113 57 33	3.0	1.00	10.00	.30	700	2.0	150	500	2.0
0129CM23	38 33 5	113 57 24	2.0	.70	1.00	.50	1,000	5.0	150	300	2.0
0131CM23	38 34 22	113 50 18	5.0	2.00	3.00	.70	1,500	N	70	700	2.0
0132CM23	38 33 17	113 51 15	20.0	1.50	2.00	>1.00	2,000	N	20	500	<1.0
0134CM23	38 31 13	113 53 18	7.0	1.00	2.00	.70	1,500	N	30	500	1.5
0135CM23	38 31 17	113 53 20	7.0	2.00	3.00	1.00	1,500	N	30	500	1.5
0136CM23	38 31 18	113 53 18	10.0	2.00	2.00	1.00	1,500	N	20	500	1.0
0137CM23	38 32 21	113 53 28	5.0	1.50	2.00	.50	1,500	N	50	500	2.0
0142CM23	38 31 14	113 56 51	1.0	7.00	10.00	.20	500	3.0	50	200	<1.0
0143CM23	38 30 37	113 59 52	2.0	5.00	10.00	.30	1,000	3.0	100	700	2.0
0145CM23	38 32 23	113 59 57	2.0	3.00	10.00	.30	700	3.0	100	500	1.0
0146CM23	38 38 4	113 49 7	5.0	7.00	10.00	.50	1,500	N	70	500	1.5
0147CM23	38 39 24	113 48 28	2.0	10.00	15.00	.30	1,000	N	50	300	<1.0
0148CM23	38 40 27	113 48 16	7.0	7.00	10.00	.50	1,500	N	50	500	1.0
0149CM23	38 41 30	113 47 52	3.0	7.00	15.00	.30	1,500	N	50	500	1.0
0150CM23	38 44 29	113 45 52	2.0	3.00	10.00	.20	1,000	N	70	300	<1.0
0152CM23	38 30 29	113 51 16	15.0	1.50	5.00	>1.00	3,000	N	30	1,500	1.0

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
0098CM23	N	N	5	30	10	<20	N	N	7	15	N
0099CM23	N	N	15	70	30	50	N	N	15	100	N
0100CM23	N	N	15	70	20	70	N	N	15	50	N
0101CM23	N	N	20	200	20	50	N	<20	30	50	N
0102CM23	N	N	50	200	30	50	N	N	70	70	N
0103CM23	N	N	10	50	15	20	N	N	10	20	N
0104CM32	N	N	7	30	10	N	N	N	5	20	N
0105CM31	N	N	20	200	30	50	5	<20	30	30	N
0106CM31	N	N	50	700	50	50	<5	<20	50	70	N
0107CM31	N	N	15	70	20	30	5	N	20	20	N
0108CM31	N	N	<5	20	7	N	N	N	5	70	N
0109CM31	N	N	50	100	150	70	5	<20	50	30	N
0110CM24	N	N	20	100	100	50	N	<20	20	100	N
0111CM24	N	N	30	150	50	100	N	<20	50	70	N
0112CM24	N	N	30	200	30	70	N	<20	50	50	N
0113CM24	N	N	30	150	50	70	N	<20	30	70	N
0114CM21	N	N	15	100	30	50	N	<20	30	30	N
0115CM21	N	N	15	50	30	20	N	<20	20	20	N
0116CM12	N	N	15	70	15	30	N	<20	20	50	N
0117CM23	N	N	10	70	15	30	N	N	20	20	N
0118CM23	N	N	7	70	7	20	N	N	20	15	N
0119CM23	N	N	10	150	15	50	5	N	50	15	N
0120CM23	N	N	7	70	7	<20	N	N	10	15	N
0121CM23	N	N	N	20	<5	N	N	N	5	N	N
0122CM23	N	N	15	150	20	50	N	N	30	20	N
0123CM23	N	N	10	70	15	30	N	N	30	30	N
0126CM23	N	N	10	100	10	20	N	N	30	20	N
0127CM23	N	N	10	100	5	50	N	N	20	15	N
0128CM23	N	N	10	150	20	50	N	N	70	15	N
0129CM23	N	N	10	200	50	50	5	<20	70	50	N
0131CM23	N	N	20	70	30	70	N	<20	20	15	N
0132CM23	N	N	50	200	20	200	N	<20	50	70	N
0134CM23	N	N	30	150	30	70	5	<20	30	50	N
0135CM23	N	N	20	100	20	70	5	<20	30	50	N
0136CM23	N	N	30	200	30	50	<5	<20	50	50	N
0137CM23	N	N	20	70	20	70	N	<20	20	15	N
0142CM23	N	N	7	150	20	20	N	<20	50	15	N
0143CM23	N	N	7	200	50	50	N	N	50	30	N
0145CM23	N	N	7	300	20	30	N	N	50	15	N
0146CM23	N	N	15	150	30	70	N	N	20	50	N
0147CM23	N	N	7	70	10	N	N	<20	10	15	N
0148CM23	N	N	20	100	15	30	N	N	20	30	N
0149CM23	N	N	7	70	10	20	N	N	7	30	N
0150CM23	N	N	7	70	10	20	N	N	7	20	N
0152CM23	N	N	50	200	7	150	N	20	20	50	N

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	S-TH
0098CM23	5	N	300	50	N	15	N	100	N
0099CM23	10	N	500	150	N	50	N	150	N
0100CM23	10	N	500	200	N	30	N	150	N
0101CM23	20	N	700	200	N	30	N	150	N
0102CM23	20	N	700	500	N	50	200	200	N
0103CM23	7	N	500	100	N	20	N	200	N
0104CM32	5	N	500	50	N	15	N	100	N
0105CM31	15	N	300	200	N	30	N	500	N
0106CM31	15	N	500	500	N	30	N	1,000	N
0107CM31	10	N	300	150	N	30	N	700	N
0108CM31	<5	N	100	30	N	N	N	100	N
0109CM31	30	N	500	300	N	70	N	700	N
0110CM24	15	N	500	200	N	30	N	200	N
0111CM24	15	N	1,000	300	N	30	N	200	N
0112CM24	15	N	500	300	N	30	N	300	N
0113CM24	20	N	1,000	300	N	30	N	700	N
0114CM21	15	N	200	150	N	50	N	1,000	N
0115CM21	70	N	200	100	N	20	N	200	N
0116CM12	10	N	300	100	N	50	N	500	N
0117CM23	7	N	500	100	N	30	N	150	N
0118CM23	7	N	500	100	N	20	N	300	N
0119CM23	10	N	1,000	150	N	30	N	150	N
0120CM23	7	N	300	70	N	15	N	500	N
0121CM23	<5	N	100	30	N	<10	N	200	N
0122CM23	10	N	500	200	N	30	N	300	N
0123CM23	10	N	500	100	N	30	N	200	N
0126CM23	7	N	700	100	N	20	N	200	N
0127CM23	10	N	700	100	N	30	N	200	N
0128CM23	10	N	1,000	150	N	30	N	150	N
0129CM23	10	N	150	200	N	50	200	200	N
0131CM23	15	N	500	200	N	50	N	200	N
0132CM23	20	N	500	700	N	70	200	700	N
0134CM23	20	N	500	300	N	50	N	200	N
0135CM23	20	N	500	300	N	30	N	300	N
0136CM23	20	N	500	500	N	30	N	500	N
0137CM23	20	N	700	200	N	30	N	150	N
0142CM23	7	N	200	200	N	50	N	100	N
0143CM23	7	N	300	200	N	30	N	150	N
0145CM23	5	N	200	200	N	50	N	200	N
0146CM23	10	N	500	200	N	30	N	300	N
0147CM23	<5	N	200	70	N	15	N	200	N
0148CM23	15	N	500	300	N	30	N	500	N
0149CM23	5	N	500	100	N	15	N	150	N
0150CM23	5	N	200	70	N	15	N	300	N
0152CM23	20	N	1,000	1,000	N	50	N	1,000	N

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	LATITUDE	LONGITUD	S-FEZ	S-HGX	S-CAZ	S-TIX	S-MN	S-AG	S-B	S-BA	S-BE
0153CM23	38 31 23	113 49 27	20.0	2.00	2.00	>1.00	1,500	N	30	1,000	1.0
0155CM23	38 32 6	113 50 59	15.0	2.00	3.00	1.00	1,500	N	30	700	1.0
0156CM23	38 33 32	113 54 2	10.0	3.00	7.00	.70	2,000	N	50	1,000	1.5
0157CM23	38 34 21	113 54 44	2.0	3.00	7.00	.30	500	N	30	300	<1.0
0158CM23	38 34 46	113 55 31	2.0	5.00	10.00	.30	1,000	N	50	300	1.0
0159CM23	38 35 46	113 50 18	10.0	2.00	3.00	.70	1,500	N	50	1,000	2.0
0160CM23	38 35 47	113 50 19	7.0	2.00	3.00	.70	1,500	N	70	1,000	1.5
0161CM23	38 36 6	113 50 9	10.0	2.00	5.00	.50	1,500	N	50	1,000	2.0
0162CM23	38 36 55	113 48 13	1.5	10.00	15.00	.20	500	N	30	300	<1.0
0163CM23	38 36 3	113 48 5	2.0	5.00	7.00	.30	700	N	30	300	1.0
0164CM23	38 41 50	113 45 39	1.5	10.00	15.00	.20	500	N	20	200	<1.0
0166CM33	38 0 31	113 36 3	10.0	1.00	2.00	1.00	1,500	N	30	1,000	2.0
0171CM33	38 2 52	113 36 6	2.0	.50	.70	.20	2,000	N	70	300	10.0
0172CM33	38 1 53	113 35 7	15.0	2.00	3.00	1.00	3,000	N	50	1,000	2.0
0173CM33	38 1 7	113 33 53	7.0	1.00	2.00	1.00	1,500	N	70	1,000	2.0
0175CM33	38 4 55	113 34 37	2.0	.20	.50	.30	1,500	N	70	200	15.0
0176CM33	38 4 56	113 34 39	2.0	.20	.50	.20	1,500	N	70	200	20.0
0177CM33	38 4 36	113 34 39	2.0	.20	.50	.30	1,500	N	50	300	10.0
0178CM33	38 4 0	113 34 19	15.0	.70	1.00	.20	1,000	.5	30	500	50.0
0179CM33	38 3 33	113 34 30	2.0	.50	1.50	.30	1,500	N	70	500	10.0
0181CM33	38 2 0	113 31 57	10.0	1.50	2.00	.70	2,000	N	70	1,500	1.5
0184CM33	38 3 52	113 30 47	15.0	1.00	3.00	>1.00	1,500	N	30	1,000	1.0
0185CM34	38 1 20	113 29 13	10.0	1.00	2.00	1.00	1,500	N	70	700	1.5
0186CM12	38 46 53	112 59 11	2.0	3.00	15.00	.30	1,000	N	50	700	1.0
0187CM12	38 55 37	112 57 10	5.0	2.00	5.00	.50	1,500	N	150	1,000	3.0
0188CM12	38 55 37	112 57 8	5.0	1.50	7.00	.70	1,500	N	100	1,000	2.0
0189CM12	38 55 41	112 57 4	5.0	2.00	7.00	.50	1,500	N	150	1,000	3.0
0190CM12	38 52 57	112 56 28	5.0	3.00	10.00	.50	1,500	N	100	1,000	2.0
0191CM12	38 56 52	112 56 16	7.0	2.00	10.00	.70	1,500	N	100	1,000	2.0
0192CM22	38 57 22	112 58 28	2.0	3.00	20.00	.30	700	1.5	70	700	1.0
0193CM12	38 57 55	112 54 42	2.0	3.00	15.00	.30	1,500	N	100	700	1.0
0195CM12	38 52 50	112 50 12	2.0	3.00	15.00	.30	700	N	70	700	1.0
0196CM22	38 53 0	112 51 56	3.0	3.00	10.00	.50	1,000	N	100	700	1.5
0197CM12	38 51 42	112 51 34	3.0	5.00	15.00	.50	1,500	N	70	700	1.0
0198CM12	38 45 38	112 51 51	15.0	1.50	2.00	>1.00	2,000	N	50	1,500	2.0
0199CM22	38 45 20	112 50 1	2.0	1.00	3.00	.30	1,000	<.5	70	500	3.0
0200CM22	38 45 6	112 46 21	3.0	3.00	10.00	.30	1,000	N	100	1,000	3.0
0201CM13	38 42 20	112 45 31	3.0	1.50	10.00	1.00	1,000	N	50	1,000	1.5
0202CM23	38 40 9	112 46 21	5.0	2.00	1.50	.70	1,500	N	100	1,000	3.0
0203CM13	38 42 37	112 49 35	5.0	1.00	1.50	.50	1,500	N	70	1,500	3.0
0204CM23	38 42 58	112 51 34	7.0	1.00	2.00	1.00	1,500	N	70	1,500	1.5
0205CM13	38 43 57	112 52 5	5.0	1.00	1.50	.70	1,500	N	50	1,000	2.0
0206CM13	38 44 51	112 50 7	3.0	1.00	1.50	.50	1,500	N	70	700	5.0
0207CM13	38 36 35	112 50 33	5.0	5.00	10.00	.50	1,500	.5	100	1,000	1.5
0209CM23	38 34 16	112 47 48	15.0	3.00	3.00	1.00	5,000	<.5	50	1,000	2.0

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
0153CM23	N	N	50	500	20	150	<5	<20	50	70	N
0155CM23	N	N	30	100	20	100	<5	<20	20	50	N
0156CM23	N	N	20	100	30	30	N	<20	30	50	N
0157CM23	N	N	5	70	15	N	N	N	5	30	N
0158CM23	N	N	7	50	10	N	N	N	15	15	N
0159CM23	N	N	20	100	30	50	N	<20	20	50	N
0160CM23	N	N	20	100	20	70	<5	<20	50	50	N
0161CM23	N	N	20	100	30	70	N	N	30	50	N
0162CM23	N	N	7	50	5	N	N	N	5	15	N
0163CM23	N	N	7	50	15	N	N	N	10	20	N
0164CM23	N	N	7	50	10	N	N	N	5	30	N
0166CM33	N	N	30	100	20	100	N	20	20	70	N
0171CM33	N	N	7	30	15	30	N	100	5	70	N
0172CM33	N	N	30	150	20	50	N	50	30	100	N
0173CM33	N	N	20	70	50	100	N	<20	20	70	N
0175CM33	N	N	5	15	7	30	7	70	<5	70	N
0176CM33	N	N	5	15	10	30	5	70	5	70	N
0177CM33	N	N	5	20	10	70	5	150	5	50	N
0178CM33	N	N	30	20	50	50	<5	<20	50	50	N
0179CM33	N	N	7	20	10	50	5	50	5	100	N
0181CM33	N	N	20	100	30	70	N	<20	30	50	N
0184CM33	N	N	50	100	15	150	N	<20	20	50	N
0185CM34	N	N	30	100	20	100	N	<20	20	50	N
0186CM12	N	N	10	50	15	50	N	N	15	50	N
0187CM12	N	N	10	70	20	70	N	<20	20	70	N
0188CM12	N	N	10	70	30	70	N	<20	20	70	N
0189CM12	N	N	10	70	30	50	N	<20	20	70	N
0190CM12	N	N	10	70	20	20	N	N	20	50	N
0191CM12	N	N	15	70	30	50	N	<20	20	70	N
0192CM22	N	N	10	50	15	30	N	N	15	70	N
0193CM12	N	N	10	70	15	20	N	N	15	50	N
0195CM12	N	N	7	50	10	20	N	N	7	20	N
0196CM22	N	N	10	70	15	30	N	N	15	50	N
0197CM12	N	N	10	70	20	20	N	N	15	50	N
0198CM12	N	N	10	50	20	100	5	30	10	70	N
0199CM22	N	N	7	50	15	30	<5	<20	10	50	N
0200CM22	N	N	15	50	20	50	N	<20	20	50	N
0201CM13	N	N	20	150	30	50	<5	<20	50	50	N
0202CM23	N	N	15	70	70	50	N	<20	20	70	N
0203CM13	N	N	7	30	15	50	N	<20	10	50	N
0204CM23	N	N	10	50	30	100	<5	20	10	50	N
0205CM13	N	N	10	70	15	70	5	20	10	30	N
0206CM13	N	N	7	30	15	30	N	<20	5	70	N
0207CM13	N	N	10	70	50	20	N	<20	20	100	N
0209CM23	N	N	30	150	100	70	N	<20	50	100	N

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	S-TH
0153CM23	20	N	500	1,000	N	50	N	700	N
0155CM23	20	N	700	500	N	70	N	200	N
0156CM23	15	N	1,000	300	N	30	N	200	N
0157CM23	<5	N	N	150	N	10	N	150	N
0158CM23	5	N	200	100	N	20	N	200	N
0159CM23	20	N	700	200	N	30	N	500	N
0160CM23	20	N	500	200	N	50	N	700	N
0161CM23	20	N	700	100	N	30	N	500	N
0162CM23	5	N	200	70	N	10	N	70	N
0163CM23	5	N	200	100	N	10	N	100	N
0164CM23	<5	N	200	50	N	10	N	100	N
0166CM33	15	N	700	300	N	50	N	500	N
0171CM33	5	20	150	100	N	70	N	150	N
0172CM33	10	N	500	500	N	50	N	700	N
0173CM33	15	N	500	200	N	50	N	500	N
0175CM33	7	20	100	50	N	50	N	300	N
0176CM33	5	10	100	30	N	50	N	200	N
0177CM33	5	10	100	50	N	50	N	200	N
0178CM33	7	N	150	100	150	100	200	150	N
0179CM33	5	10	200	70	N	70	N	200	N
0181CM33	10	N	700	200	N	30	N	500	N
0184CM33	15	N	700	500	N	50	N	700	N
0185CM34	15	N	500	300	N	50	N	500	N
0186CM12	7	N	500	100	N	20	N	150	N
0187CM12	15	N	300	100	N	50	N	200	N
0188CM12	10	N	300	100	N	50	N	700	N
0189CM12	10	N	500	100	N	50	N	700	N
0190CM12	10	N	500	100	N	30	N	200	N
0191CM12	10	N	500	100	N	50	N	500	N
0192CM22	10	N	500	100	N	30	N	150	N
0193CM12	10	N	500	100	N	30	N	150	N
0195CM12	7	N	500	70	N	30	N	200	N
0196CM22	10	N	500	100	N	30	N	300	N
0197CM12	10	N	300	100	N	30	N	150	N
0198CM12	15	N	300	200	N	70	N	1,000	N
0199CM22	10	N	300	100	N	50	N	200	N
0200CM22	10	N	500	150	N	30	N	150	N
0201CM13	20	N	500	200	N	30	N	200	N
0202CM23	15	N	300	150	N	30	N	500	N
0203CM13	10	N	300	100	N	30	N	500	N
0204CM23	15	N	500	150	N	50	N	700	N
0205CM13	15	N	300	100	N	50	N	700	N
0206CM13	17	N	300	100	N	50	N	500	N
0207CM13	17	N	500	150	N	30	N	500	N
0209CM23	20	N	500	200	N	50	N	500	N

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	LATITUDE	LONGITUD	S-FEZ	S-MGX	S-CAZ	S-TIX	S-MN	S-AG	S-B	S-BA	S-BE
0210CM23	38 32 37	112 48 55	15.0	2.00	1.50	1.00	3,000	.7	30	1,000	2.0
0211CM23	38 34 30	112 50 20	15.0	3.00	2.00	>1.00	1,500	N	30	1,500	1.0
0212CM23	38 35 1	112 49 21	10.0	3.00	2.00	1.00	2,000	N	50	1,000	2.0
0213CM21	38 45 47	113 5 25	2.0	1.50	5.00	.50	1,000	N	100	500	1.5
0214CM21	38 47 18	113 4 46	3.0	2.00	5.00	.70	1,000	N	100	1,000	2.0
0215CM21	38 48 31	113 4 1	2.0	1.00	2.00	.50	1,000	N	70	700	2.0
0216CM21	38 48 35	113 2 18	3.0	1.00	1.50	.50	1,000	N	100	500	2.0
0217CM21	38 50 29	113 2 44	2.0	1.00	10.00	.20	1,000	N	70	500	1.5
0218CM21	38 52 6	113 3 35	5.0	2.00	15.00	.50	1,000	N	100	700	1.0
0219CM21	38 53 36	113 1 43	5.0	1.50	5.00	.70	1,000	N	150	700	3.0
0220CM21	38 56 48	113 1 9	5.0	1.50	2.00	.70	1,500	N	150	700	3.0
0221CM12	38 59 5	112 59 34	2.0	1.50	1.00	.50	1,000	N	100	500	1.5
0222CM12	38 57 9	112 59 18	5.0	1.50	2.00	.70	1,500	.5	150	1,000	3.0
0223CM12	38 54 41	112 59 4	7.0	2.00	15.00	.70	1,500	N	150	1,000	2.0
0224CM21	38 50 13	113 0 27	3.0	1.00	7.00	.50	1,500	N	100	700	2.0
0225CM21	38 50 5	113 0 28	2.0	.70	2.00	.30	1,000	N	100	700	3.0
0226CM21	38 50 5	113 0 30	3.0	.70	3.00	.30	700	N	100	1,000	2.0
0227CM21	38 51 56	113 0 2	2.0	1.00	7.00	.30	1,000	.7	100	700	1.5
0228CM12	38 54 36	112 57 10	1.5	5.00	10.00	.30	1,000	<.5	70	500	1.5
0229CM11	38 55 29	112 53 26	3.0	5.00	15.00	.50	1,500	N	70	700	1.5
0230CM11	38 53 6	112 53 35	2.0	10.00	15.00	.50	1,500	N	70	300	1.0
0233CM11	38 59 34	112 55 34	5.0	.70	.70	.70	1,500	N	150	700	2.0
0237CM12	38 50 26	112 52 29	5.0	2.00	7.00	.50	1,500	N	70	500	2.0
0239CM12	38 46 33	112 49 50	2.0	1.50	3.00	.50	1,500	N	70	500	3.0
0244CM13	38 50 1	112 54 58	3.0	2.00	3.00	.50	700	N	100	700	2.0
0257CM42	38 29 53	112 51 7	7.0	1.50	1.00	1.00	2,000	N	50	1,000	5.0
0260CM13	38 30 43	112 51 12	10.0	1.00	1.00	1.00	1,500	N	50	1,000	3.0
0261CM12	38 30 50	112 49 5	5.0	1.50	1.50	1.00	1,500	N	70	700	3.0
0268CM33	38 6 8	113 38 27	3.0	1.00	3.00	.30	1,500	N	70	500	7.0
0269CM33	38 5 5	113 38 15	3.0	.50	1.00	.50	2,000	N	70	500	5.0
0270CM33	38 5 14	113 38 14	5.0	.70	.70	.70	3,000	N	50	500	7.0
0271CM33	38 5 29	113 38 5	3.0	1.00	1.50	.30	1,500	N	100	700	5.0
0274CM33	38 4 50	113 38 9	5.0	.70	3.00	.30	2,000	N	70	700	7.0
0276CM33	38 7 11	113 37 46	5.0	.70	2.00	.50	1,500	N	50	1,000	3.0
0277CM33	38 7 2	113 37 21	10.0	1.00	3.00	1.00	1,500	N	30	700	3.0
0278CM33	38 7 11	113 36 49	2.0	.50	1.00	.30	1,500	N	70	500	7.0
0279CM33	38 6 54	113 35 48	3.0	.30	.70	.20	1,000	N	70	300	10.0
0283CM33	38 5 21	113 36 10	2.0	.70	.70	.30	1,500	N	50	500	7.0
0286CM33	38 5 26	113 35 56	2.0	.30	.50	.30	1,500	N	50	500	7.0
0287CM33	38 5 52	113 35 15	1.5	.50	.70	.30	1,500	N	70	500	7.0
0289CM33	38 6 6	113 35 12	5.0	.70	1.00	.50	1,500	N	70	700	5.0
0290CM33	38 6 22	113 35 33	3.0	.70	1.00	.30	1,500	N	100	500	7.0
0291CM31	38 27 47	113 6 6	10.0	1.50	3.00	.70	700	N	50	500	1.5
0293CM31	38 29 34	113 6 41	15.0	2.00	3.00	1.00	1,500	.5	50	1,000	1.5
0294CM31	38 29 8	113 8 0	7.0	1.00	1.00	1.00	1,000	N	30	1,000	1.0

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
0210CM23	N	N	15	100	30	100	N	50	15	100	N
0211CM23	N	N	50	200	100	150	N	30	70	50	N
0212CM23	N	N	30	150	100	100	N	<20	50	70	N
0213CM21	<10	N	10	50	20	50	N	<20	10	20	N
0214CM21	<10	N	10	50	30	30	5	<20	10	30	N
0215CM21	<10	N	10	50	20	50	N	<20	15	30	N
0216CM21	<10	N	10	50	15	50	N	<20	20	30	N
0217CM21	<10	N	10	50	10	50	N	N	15	20	N
0218CM21	<10	N	10	70	15	20	N	N	10	50	N
0219CM21	<10	N	15	100	50	50	N	<20	20	70	N
0220CM21	<10	N	15	70	20	50	N	<20	15	30	N
0221CM12	<10	N	10	50	20	50	N	<20	15	30	N
0222CM12	<10	N	15	70	30	50	N	<20	15	50	N
0223CM12	<10	N	15	100	50	50	N	<20	15	50	N
0224CM21	<10	N	15	100	15	50	N	N	30	50	N
0225CM21	<10	N	10	50	10	70	N	N	10	30	N
0226CM21	<10	N	10	70	15	50	N	N	10	50	N
0227CM21	<10	N	10	70	15	50	N	N	15	30	N
0228CM12	<10	N	7	50	15	20	N	<20	15	30	N
0229CM11	<10	N	10	70	20	30	N	N	20	50	N
0230CM11	<10	N	7	50	20	20	N	N	10	30	N
0233CM11	<10	N	10	70	15	50	N	<20	15	30	N
0237CM12	<10	N	10	70	20	50	N	<20	20	20	N
0239CM12	<10	N	10	30	15	30	N	<20	10	50	N
0244CM13	<10	N	10	70	20	30	5	<20	30	20	N
0257CM42	<10	N	10	30	20	150	<5	50	10	50	N
0260CM13	<10	N	15	50	20	200	<5	70	10	50	N
0261CM12	<10	N	10	50	20	150	5	70	5	30	N
0268CM33	N	N	10	50	15	50	<5	50	10	70	N
0269CM33	N	N	10	50	15	50	<5	100	10	70	N
0270CM33	N	N	10	50	20	70	<5	100	10	100	N
0271CM33	N	N	10	70	20	50	N	50	15	100	N
0274CM33	20	N	10	50	15	100	15	70	5	300	N
0276CM33	N	N	20	70	15	100	N	20	15	70	N
0277CM33	N	N	30	200	30	100	N	20	50	100	N
0278CM33	N	N	10	50	15	50	<5	70	5	100	N
0279CM33	N	N	7	30	15	50	5	30	7	70	N
0283CM33	N	N	7	50	20	30	5	50	7	100	N
0286CM33	N	N	7	30	20	30	5	70	7	100	N
0287CM33	N	N	7	30	15	50	5	70	5	70	N
0289CM33	N	N	10	50	15	150	5	50	10	100	N
0290CM33	N	N	10	50	15	50	5	30	10	100	N
0291CM31	N	N	20	150	100	30	5	<20	30	70	N
0293CM31	N	N	30	100	500	70	5	<20	30	70	N
0294CM31	N	N	7	70	70	30	5	<20	7	70	N

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-SC	S-SN	S-SR	S-SV	S-W	S-Y	S-ZN	S-ZR	S-TH
0210CM23	10	N	300	200	N	100	N	1,000	N
0211CM23	20	N	700	500	N	70	N	700	N
0212CM23	20	N	300	300	N	50	N	500	N
0213CM21	10	N	500	100	N	30	N	300	N
0214CM21	10	N	500	70	N	30	N	1,000	N
0215CM21	10	N	300	100	N	50	N	700	N
0216CM21	10	N	300	100	N	50	N	700	N
0217CM21	10	N	500	100	N	20	N	150	N
0218CM21	10	N	700	70	N	50	N	700	N
0219CM21	15	N	200	100	N	50	N	700	N
0220CM21	10	N	200	100	N	50	N	1,000	N
0221CM12	10	N	300	70	N	30	N	500	N
0222CM12	10	N	200	100	N	70	N	1,000	N
0223CM12	15	N	500	200	N	50	N	1,000	N
0224CM21	10	N	500	100	N	50	N	150	N
0225CM21	10	N	200	50	N	50	N	500	N
0226CM21	10	N	300	70	N	50	N	700	N
0227CM21	10	N	500	70	N	30	N	200	N
0228CM12	10	N	500	50	N	30	N	150	N
0229CM11	10	N	500	100	N	30	N	200	N
0230CM11	7	N	300	70	N	20	N	200	N
0233CM11	15	N	200	100	N	100	N	>1,000	N
0237CM12	10	N	500	150	N	30	N	300	N
0239CM12	7	N	300	100	N	30	N	300	N
0244CM13	10	N	500	100	N	30	N	500	N
0257CM42	10	N	500	200	N	70	N	>1,000	N
0260CM13	7	N	500	200	N	100	N	>1,000	<100
0261CM12	15	N	300	150	N	100	N	1,000	N
0268CM33	10	N	300	100	N	50	N	300	N
0269CM33	10	30	200	100	N	70	N	700	N
0270CM33	10	100	300	150	N	50	N	500	N
0271CM33	10	10	300	100	N	50	N	200	N
0274CM33	7	30	200	100	N	70	N	200	N
0276CM33	10	N	700	200	N	50	N	500	N
0277CM33	10	N	300	200	N	50	N	500	N
0278CM33	7	10	300	70	N	50	N	200	N
0279CM33	7	10	150	70	N	50	N	200	N
0283CM33	7	10	200	100	N	70	N	150	N
0286CM33	5	20	200	70	N	50	N	300	N
0287CM33	7	10	150	50	N	50	N	200	N
0289CM33	10	20	300	150	N	70	N	700	N
0290CM33	10	10	300	100	N	70	N	200	N
0291CM31	10	N	500	200	N	30	N	200	N
0293CM31	15	N	500	300	N	50	N	500	N
0294CM31	10	N	500	200	N	15	N	500	N

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	LATITUDE	LONGITUD	S-FEZ	S-MGX	S-CAZ	S-TIX	S-MN	S-AG	S-B	S-BA	S-BE
0297CM31	38 20 31	113 13 51	5.0	2.00	3.00	.50	1,500	<.5	20	500	2.0
0299CM31	38 18 43	113 13 57	7.0	2.00	2.00	.70	1,500	N	30	500	1.5
0302CM34	38 12 39	113 24 16	7.0	2.00	3.00	1.00	1,000	N	30	1,000	1.5
0303CM34	38 11 48	113 25 21	10.0	2.00	5.00	1.00	1,500	N	20	1,500	1.5
0305CM34	38 11 57	113 26 43	10.0	3.00	7.00	.50	1,000	N	20	1,000	2.0
0306CM34	38 12 6	113 27 58	1.0	10.00	15.00	.15	500	N	30	300	1.0
0308CM34	38 13 52	113 27 48	7.0	1.00	2.00	.70	1,500	N	50	1,000	3.0
0309CM34	38 12 57	113 28 36	3.0	.50	1.00	.20	700	N	70	500	3.0
0310CM33	38 12 12	113 30 40	5.0	1.00	2.00	.50	1,500	N	50	1,500	3.0
0311CM33	38 11 53	113 31 9	5.0	1.00	2.00	.70	1,000	N	50	1,500	3.0
0313CM33	38 12 54	113 31 50	5.0	1.00	3.00	.50	1,000	N	50	1,000	2.0
0314CM33	38 13 54	113 32 42	1.0	10.00	10.00	.15	500	N	50	150	<1.0
0316CM33	38 14 14	113 36 14	1.5	10.00	15.00	.20	500	N	30	200	1.0
0317CM33	38 13 0	113 35 38	2.0	7.00	10.00	.30	1,000	N	70	700	2.0
0319CM33	38 11 49	113 35 14	5.0	1.50	1.50	.50	1,500	N	50	700	3.0
0320CM33	38 10 58	113 32 15	5.0	1.00	3.00	.70	1,000	N	50	1,000	1.5
0323CM34	38 6 55	113 27 33	10.0	1.50	3.00	.70	1,500	N	50	1,000	1.5
0324CM34	38 6 57	113 29 30	10.0	1.50	3.00	1.00	1,500	N	20	1,000	1.0
0326CM34	38 9 38	113 29 54	3.0	2.00	7.00	.30	700	N	100	500	2.0
0327CM34	38 10 52	113 29 51	3.0	1.00	3.00	.50	1,500	N	70	1,000	3.0
0328CM33	38 11 26	113 35 13	3.0	1.50	1.50	.30	1,000	N	20	500	1.0
0329CM33	38 9 42	113 34 42	5.0	1.50	1.50	.50	1,500	N	70	700	3.0
0330CM33	38 8 37	113 34 2	10.0	1.00	2.00	.70	1,500	N	30	1,000	2.0
0331CM33	38 8 16	113 32 56	2.0	7.00	15.00	.20	1,000	N	30	300	1.0
0332CM33	38 6 14	113 34 38	5.0	1.50	5.00	.50	1,000	N	70	500	2.0
0333CM33	38 5 43	113 35 24	3.0	.70	.70	.30	2,000	N	50	500	5.0
0334CM33	38 7 46	113 35 44	5.0	.70	1.50	.50	1,500	N	70	700	3.0
0335CM33	38 7 47	113 35 45	5.0	1.00	1.00	.50	1,500	N	50	500	3.0
0336CM33	38 7 46	113 35 41	10.0	.70	1.00	>1.00	1,500	N	50	700	1.5
0337CM33	38 7 9	113 36 57	7.0	.50	1.00	.70	1,500	N	30	700	3.0
0339CM32	38 28 2	113 32 6	5.0	7.00	10.00	.50	1,000	N	100	700	1.5
0340CM32	38 26 45	113 31 53	5.0	3.00	7.00	.50	1,500	N	100	700	2.0
0341CM32	38 25 10	113 32 29	2.0	5.00	15.00	.20	1,000	N	100	500	1.0
0342CM32	38 24 14	113 32 27	3.0	7.00	10.00	.20	1,000	N	100	500	1.0
0343CM32	38 23 3	113 32 27	3.0	10.00	15.00	.50	1,000	N	50	500	1.0
0344CM32	38 23 1	113 32 28	1.5	3.00	10.00	.20	500	N	70	300	1.0
0345CM32	38 23 0	113 32 30	3.0	5.00	10.00	.30	1,000	N	100	700	1.5
0346CM32	38 22 51	113 36 5	3.0	3.00	7.00	.30	1,500	N	150	500	2.0
0347CM32	38 23 35	113 35 49	3.0	3.00	7.00	.30	1,000	N	100	700	2.0
0348CM32	38 24 41	113 35 0	2.0	3.00	20.00	.30	1,000	N	100	500	1.0
0349CM32	38 25 48	113 34 50	3.0	2.00	15.00	.30	1,000	N	100	700	1.5
0350CM32	38 28 32	113 34 56	1.5	2.00	15.00	.20	500	N	70	300	1.0
0351CM32	38 27 18	113 34 9	1.5	7.00	15.00	.20	700	N	30	200	<1.0
0352CM32	38 22 0	113 36 9	3.0	3.00	5.00	.30	1,000	N	100	300	1.0
0353CM32	38 22 3	113 36 8	3.0	5.00	10.00	.50	1,000	N	70	500	1.5

Table 1.---Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah---continued

Sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
0297CM31	N	N	20	150	50	50	5	<20	30	50	N
0299CM31	N	N	30	200	70	50	5	<20	50	70	N
0302CM34	N	N	30	150	70	50	N	<20	30	50	N
0303CM34	N	N	30	150	30	70	N	<20	30	70	N
0305CM34	N	N	20	70	50	70	7	20	20	50	N
0306CM34	N	N	5	30	10	N	N	N	5	50	N
0308CM34	N	N	20	100	20	70	N	30	20	50	N
0309CM34	N	N	15	20	15	50	N	<20	20	50	N
0310CM33	N	N	20	50	30	100	N	<20	10	100	N
0311CM33	N	N	20	200	30	70	N	20	30	70	N
0313CM33	N	N	20	50	50	70	N	<20	10	70	N
0314CM33	N	N	7	15	10	N	N	N	7	20	N
0316CM33	N	N	10	50	15	20	N	N	15	30	N
0317CM33	N	N	15	70	20	20	N	<20	15	70	N
0319CM33	N	N	20	70	50	70	N	20	20	50	N
0320CM33	N	N	30	50	20	70	N	<20	20	50	N
0323CM34	N	N	30	300	20	150	N	<20	30	70	N
0324CM34	N	N	30	70	15	70	N	<20	15	50	N
0326CM34	N	N	15	70	20	50	N	N	20	50	N
0327CM34	N	N	15	20	15	100	N	20	10	70	N
0328CM33	N	N	10	20	20	70	N	<20	10	20	N
0329CM33	N	N	15	70	30	70	N	<20	20	70	N
0330CM33	N	N	30	70	20	150	N	<20	20	70	N
0331CM33	N	N	7	30	10	20	N	N	10	30	N
0332CM33	N	N	20	100	15	70	5	20	20	50	N
0333CM33	N	N	15	50	20	70	<5	50	20	100	N
0334CM33	N	N	20	100	20	100	N	20	20	70	N
0335CM33	N	N	20	70	20	100	N	20	20	50	N
0336CM33	N	N	30	100	20	150	N	20	30	70	N
0337CM33	N	N	20	70	10	150	N	30	20	70	N
0339CM32	N	N	10	100	20	30	N	<20	20	50	N
0340CM32	N	N	10	100	30	30	N	<20	20	70	N
0341CM32	N	N	10	70	20	20	N	N	15	70	N
0342CM32	N	N	10	50	15	20	N	N	15	50	N
0343CM32	N	N	10	70	15	20	N	N	20	20	N
0344CM32	N	N	7	50	15	20	N	N	10	10	N
0345CM32	N	N	15	70	20	50	N	<20	20	70	N
0346CM32	N	N	10	70	20	50	N	<20	20	70	N
0347CM32	N	N	10	70	20	50	N	N	20	50	N
0348CM32	N	N	10	70	20	50	N	N	20	50	N
0349CM32	N	N	10	70	15	50	N	N	20	50	N
0350CM32	N	N	10	50	10	20	N	N	15	15	N
0351CM32	N	N	7	30	7	20	N	N	10	15	N
0352CM32	N	N	10	50	15	20	N	N	20	50	N
0353CM32	N	N	10	70	20	50	N	N	20	50	N

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	S-TH
0297CM31	15	N	300	150	N	30	N	150	N
0299CM31	20	N	500	200	N	30	N	500	N
0302CM34	15	N	500	300	N	30	N	300	N
0303CM34	20	N	500	200	N	50	N	300	N
0305CM34	10	N	500	200	N	30	N	300	N
0306CM34	5	N	300	70	N	20	N	70	N
0308CM34	10	N	500	200	N	50	N	200	N
0309CM34	10	N	300	150	N	30	N	150	N
0310CM33	10	N	300	200	N	30	N	300	N
0311CM33	15	N	500	200	N	50	N	300	N
0313CM33	15	N	500	200	N	30	N	200	N
0314CM33	5	N	150	70	N	15	N	100	N
0316CM33	7	N	200	70	N	20	N	100	N
0317CM33	10	N	200	150	N	30	N	150	N
0319CM33	15	N	500	200	N	50	N	200	N
0320CM33	15	N	500	300	N	30	N	200	N
0323CM34	15	N	1,000	200	N	50	N	200	N
0324CM34	15	N	700	300	N	50	N	700	N
0326CM34	10	N	300	100	N	30	N	200	N
0327CM34	10	N	700	200	N	30	N	200	N
0328CM33	10	N	500	150	N	20	N	150	N
0329CM33	15	N	500	200	N	30	N	300	N
0330CM33	15	N	500	200	N	30	N	700	N
0331CM33	5	N	200	70	N	20	N	150	N
0332CM33	10	N	300	200	N	50	N	700	N
0333CM33	7	20	200	100	N	50	N	300	N
0334CM33	10	N	500	300	N	30	N	300	N
0335CM33	10	N	300	200	N	50	N	300	N
0336CM33	10	N	300	500	N	50	N	1,000	N
0337CM33	10	N	500	200	N	50	N	1,000	N
0339CM32	7	N	300	100	N	30	N	200	N
0340CM32	10	N	300	150	N	30	N	200	N
0341CM32	7	N	300	100	N	20	N	200	N
0342CM32	7	N	200	100	N	20	N	200	N
0343CM32	7	N	200	100	N	20	N	150	N
0344CM32	7	N	150	50	N	20	N	150	N
0345CM32	10	N	300	100	N	20	N	500	N
0346CM32	10	N	200	100	N	30	N	200	N
0347CM32	10	N	200	100	N	30	N	300	N
0348CM32	10	N	300	100	N	30	N	200	N
0349CM32	10	N	500	100	N	30	N	200	N
0350CM32	7	N	500	100	N	30	N	70	N
0351CM32	5	N	200	70	N	20	N	150	N
0352CM32	7	N	150	150	N	20	N	200	N
0353CM32	10	N	200	150	N	30	N	200	N

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	LATITUDE	LONGITUD	S-FEX	S-MGZ	S-CAZ	S-TIX	S-MN	S-AG	S-B	S-BA	S-BE
0354CM32	38 22 2	113 36 6	2.0	3.00	10.00	.30	1,000	N	70	300	2.0
0355CM33	38 11 51	113 37 12	2.0	.70	1.00	.30	1,500	N	70	300	7.0
0356CM33	38 9 54	113 36 1	7.0	1.00	.70	.70	1,000	N	50	500	3.0
0357CM33	38 13 18	113 30 21	7.0	1.50	3.00	.50	1,500	N	50	700	2.0
0358CM33	38 14 22	113 37 36	2.0	10.00	10.00	.30	1,000	N	50	300	1.0
0359CM31	38 14 1	113 28 26	10.0	1.00	1.00	>1.00	2,000	N	50	700	2.0
0360CM34	38 12 54	113 25 6	1.5	1.00	3.00	.20	700	N	50	300	1.0
0361CM34	38 13 13	113 25 0	1.0	.70	.70	.20	500	N	30	200	1.0
0362CM34	38 13 12	113 25 2	.7	.50	.70	.20	300	N	30	200	<1.0
0363CM34	38 10 23	113 25 59	10.0	1.00	2.00	.70	1,000	N	70	1,000	2.0
0364CM34	38 8 25	113 27 0	10.0	1.50	2.00	>1.00	2,000	N	50	700	1.0
0365CM34	38 3 13	113 28 24	3.0	1.50	1.00	.30	1,500	<.5	70	700	3.0
0366CM34	38 5 43	113 29 28	7.0	1.00	3.00	.70	1,500	N	30	1,000	1.5
0368CM33	38 4 1	113 32 34	5.0	1.00	2.00	.50	1,500	N	50	1,000	1.5
0369CM33	38 6 24	113 32 33	5.0	3.00	10.00	.50	1,000	N	50	1,000	1.0
0370CM33	38 6 51	113 30 36	10.0	1.50	5.00	1.00	1,000	N	30	1,500	1.5
0371CM33	38 5 41	113 37 59	5.0	.70	.70	.50	1,500	N	100	1,000	5.0
0372CM33	38 2 12	113 37 54	10.0	1.00	2.00	1.00	1,500	N	30	1,000	1.5
0373CM33	38 3 12	113 39 54	10.0	.50	1.00	.70	1,500	N	50	700	5.0
0374CM33	38 4 26	113 41 22	2.0	.20	.30	.15	1,500	N	50	150	10.0
0375CM33	38 2 42	113 41 58	7.0	1.00	1.00	.70	1,500	N	50	1,000	2.0
0376CM33	38 1 10	113 44 8	2.0	.30	.50	.20	1,500	N	50	200	5.0
0378CM32	38 17 40	113 38 36	1.5	.50	.70	.50	500	N	100	700	2.0
0379CM32	38 16 13	113 38 59	2.0	.70	1.00	.70	1,500	N	100	1,000	2.0
0380CM32	38 17 51	113 48 21	5.0	1.00	3.00	.30	1,000	N	20	1,000	2.0
0382CM32	38 18 29	113 49 48	20.0	1.00	2.00	>1.00	3,000	N	<10	700	1.0
0383CM32	38 22 0	113 39 2	5.0	1.50	1.50	1.00	1,500	N	100	1,000	1.5
0384CM32	38 20 33	113 37 47	7.0	2.00	1.50	1.00	2,000	N	100	1,500	1.5
0385CM32	38 19 41	113 36 59	5.0	1.00	1.00	.70	1,500	N	100	1,000	2.0
0387CM32	38 20 45	113 36 45	5.0	1.00	5.00	.50	1,000	N	100	1,000	2.0
0390CM32	38 20 1	113 36 10	5.0	1.50	3.00	.70	1,500	N	100	1,000	3.0
0391CM32	38 20 21	113 35 52	3.0	3.00	20.00	.30	1,000	<.5	70	700	1.0
0392CM32	38 20 8	113 35 20	2.0	3.00	7.00	.20	1,500	N	50	300	5.0
0393CM31	38 22 40	113 28 58	20.0	3.00	5.00	>1.00	2,000	<.5	50	1,000	<1.0
0394CM32	38 22 9	113 30 11	15.0	5.00	10.00	>1.00	5,000	N	20	1,000	<1.0
0395CM32	38 21 56	113 32 2	10.0	7.00	15.00	1.00	1,500	N	30	1,000	<1.0
0396CM32	38 20 46	113 32 7	5.0	1.00	1.00	.70	1,500	N	50	1,000	1.5
0397CM32	38 19 58	113 33 45	5.0	7.00	7.00	.70	1,500	N	30	300	1.0
0398CM32	38 20 7	113 35 2	1.0	5.00	10.00	.20	1,000	.5	50	300	1.0
0399CM32	38 20 5	113 35 14	10.0	2.00	7.00	1.00	1,500	N	50	1,500	1.5
0400CM32	38 20 4	113 35 44	5.0	5.00	15.00	.50	1,500	N	100	1,000	1.0
0401CM32	38 20 10	113 35 47	1.0	2.00	7.00	.30	1,500	.5	50	300	3.0
0402CM32	38 20 22	113 36 7	3.0	3.00	7.00	.50	1,500	<.5	100	1,000	3.0
0403CM23	38 38 11	113 59 37	2.0	2.00	10.00	.30	500	<.5	70	500	1.5
0404CM23	38 38 23	113 57 16	1.5	1.00	5.00	.30	500	<.5	100	500	1.5

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
0354CM32	N	N	10	50	15	50	N	<20	20	50	N
0355CM33	N	N	7	30	10	30	N	50	10	50	N
0356CM33	N	N	30	100	30	70	N	30	20	50	N
0357CM33	N	N	20	70	30	70	N	<20	20	30	N
0358CM33	N	N	7	30	15	20	N	N	15	20	N
0359CM31	N	N	30	150	20	100	N	70	30	70	N
0360CM34	N	N	5	20	7	N	N	N	10	10	N
0361CM34	N	N	5	15	7	N	N	N	5	10	N
0362CM34	N	N	5	50	5	N	N	N	5	10	N
0363CM34	N	N	20	100	50	70	N	<20	30	50	N
0364CM34	N	N	50	150	20	200	5	20	30	70	N
0365CM34	N	N	15	30	20	50	N	<20	10	70	N
0366CM34	N	N	20	70	20	70	N	<20	15	50	N
0368CM33	N	N	20	100	20	70	N	<20	15	50	N
0369CM33	N	N	15	70	15	100	N	N	10	70	N
0370CM33	N	N	20	100	15	100	N	<20	10	70	N
0371CM33	N	N	15	50	20	70	N	30	15	70	N
0372CM33	N	N	30	100	30	100	N	<20	15	70	N
0373CM33	N	N	20	70	10	70	N	70	10	70	N
0374CM33	N	N	5	10	5	20	10	100	<5	70	N
0375CM33	N	N	20	70	20	100	N	<20	15	50	N
0376CM33	N	N	5	15	5	70	7	50	<5	70	N
0378CM32	N	N	7	30	15	30	N	<20	10	20	N
0379CM32	N	N	15	70	30	50	N	<20	15	70	N
0380CM32	N	N	15	30	5	70	N	<20	5	30	N
0382CM32	N	N	50	200	20	150	N	<20	30	70	N
0383CM32	N	N	20	70	50	50	N	<20	20	70	N
0384CM32	N	N	20	100	70	50	N	<20	20	100	N
0385CM32	N	N	15	70	50	70	N	<20	20	50	N
0387CM32	N	N	10	70	30	50	N	<20	20	20	N
0390CM32	N	N	15	150	50	50	N	<20	20	70	N
0391CM32	N	N	10	70	20	20	N	<20	20	50	N
0392CM32	N	N	5	20	10	<20	N	<20	10	100	N
0393CM31	N	N	50	200	100	50	N	<20	100	50	N
0394CM32	N	N	30	200	20	50	N	<20	30	50	N
0395CM32	N	N	20	100	30	20	N	N	20	50	N
0396CM32	N	N	30	150	50	70	N	<20	20	50	N
0397CM32	N	N	15	70	15	50	N	N	10	50	N
0398CM32	N	N	7	50	15	20	N	N	7	30	N
0399CM32	N	N	20	100	20	70	N	<20	20	70	N
0400CM32	N	N	10	70	30	50	N	N	20	30	N
0401CM32	N	N	10	50	15	30	N	<20	10	50	N
0402CM32	N	N	15	150	30	70	N	<20	20	70	N
0403CM23	N	N	10	100	15	20	N	N	15	30	N
0404CM23	N	N	10	100	20	20	N	N	20	30	N

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	S-TH
0354CM32	10	N	200	100	N	30	N	150	N
0355CM33	7	N	200	70	N	50	N	200	N
0356CM33	10	N	300	300	N	30	N	200	N
0357CM33	15	N	500	200	N	30	N	200	N
0358CM33	7	N	200	100	N	20	N	150	N
0359CM31	15	N	300	500	N	50	N	1,000	N
0360CM34	<5	N	<100	50	N	10	N	150	N
0361CM34	<5	N	<100	30	N	<10	N	200	N
0362CM34	<5	N	N	30	N	10	N	150	N
0363CM34	15	N	500	200	N	50	N	200	N
0364CM34	20	N	500	500	N	70	N	1,000	N
0365CM34	10	N	500	150	N	30	N	200	N
0366CM34	10	N	1,000	200	N	30	N	300	N
0368CM33	15	N	500	200	N	30	N	500	N
0369CM33	10	N	500	150	N	30	N	200	N
0370CM33	15	N	500	300	N	30	N	500	N
0371CM33	10	N	200	100	N	50	N	500	N
0372CM33	15	N	500	300	N	30	N	500	N
0373CM33	7	N	500	200	N	50	N	500	N
0374CM33	5	20	<100	30	N	30	N	200	N
0375CM33	15	N	200	200	N	50	N	500	N
0376CM33	7	N	150	70	N	50	N	200	N
0378CM32	7	N	100	70	N	50	N	500	N
0379CM32	10	N	300	100	N	50	N	500	N
0380CM32	10	N	1,000	200	N	20	N	200	N
0382CM32	15	N	500	1,000	N	50	500	700	N
0383CM32	10	N	300	150	N	30	N	700	N
0384CM32	15	N	200	200	N	70	N	700	N
0385CM32	15	N	100	150	N	70	N	1,000	N
0387CM32	7	N	100	100	N	50	N	1,000	N
0390CM32	15	N	200	150	N	50	N	700	N
0391CM32	10	N	200	100	N	30	N	150	N
0392CM32	15	N	<100	70	N	70	N	200	N
0393CM31	20	N	700	500	N	50	N	500	N
0394CM32	20	N	700	700	N	50	N	700	N
0395CM32	15	N	500	300	N	30	N	300	N
0396CM32	15	N	500	200	N	50	N	200	N
0397CM32	10	N	200	200	N	20	N	300	N
0398CM32	7	N	200	70	N	20	N	150	N
0399CM32	15	N	500	200	N	50	N	700	N
0400CM32	10	N	150	100	N	30	N	300	N
0401CM32	10	N	200	100	N	50	N	100	N
0402CM32	10	N	300	150	N	30	N	200	N
0403CM23	7	N	200	100	N	20	N	150	N
0404CM23	7	N	150	100	N	20	N	300	N

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	LATITUDE	LONGITUDE	S-FEX	S-MGX	S-CAZ	S-TIX	S-MN	S-AG	S-B	S-BA	S-BE
0405CM23	38 38 23	113 57 13	1.5	2.00	10.00	.30	700	.5	70	500	1.0
0406CM23	38 38 21	113 57 13	3.0	1.50	10.00	.50	1,000	.5	70	500	2.0
0407CM23	38 36 53	113 58 57	1.5	1.50	5.00	.30	500	N	100	700	1.0
0408CM23	38 35 7	113 59 52	3.0	1.50	15.00	.30	1,000	1.0	50	500	2.0
0409CM23	38 30 23	113 54 30	10.0	1.00	2.00	.70	1,000	N	30	500	1.5
0410CM32	38 29 10	113 51 48	.7	10.00	15.00	.10	300	N	20	150	N
0411CM32	38 28 28	113 51 0	1.0	5.00	7.00	.20	300	N	30	300	<1.0
0412CM32	38 18 55	113 40 9	2.0	.50	.70	.50	1,500	N	70	500	1.5
0413CM31	38 21 0	113 27 27	10.0	1.00	2.00	1.00	1,500	N	20	700	1.5
0414CM31	38 18 0	113 24 38	5.0	1.50	5.00	.70	1,500	<.5	100	1,500	2.0
0415CM31	38 18 21	113 27 17	3.0	.70	1.00	.50	1,500	<.5	70	500	2.0
0416CM31	38 17 27	113 27 51	10.0	1.00	1.50	1.00	1,000	N	70	1,000	1.5
0417CM31	38 17 30	113 27 47	10.0	2.00	1.00	1.00	1,500	N	70	1,500	1.5
0418CM31	38 17 28	113 27 45	10.0	1.00	1.00	1.00	1,500	N	70	1,000	3.0
0419CM31	38 18 36	113 29 13	10.0	2.00	3.00	1.00	2,000	N	30	1,500	2.0
0420CM34	38 9 47	113 22 17	2.0	5.00	10.00	.20	700	<.5	150	500	1.0
0421CM34	38 9 0	113 22 16	5.0	5.00	15.00	.50	1,000	N	70	500	1.5
0422CM34	38 5 16	113 12 11	5.0	1.00	1.50	1.00	1,000	N	70	500	1.0
0423CM34	38 4 44	113 11 13	10.0	2.00	2.00	>1.00	2,000	<.5	10	1,000	<1.0
0424CM34	38 4 33	113 8 37	2.0	.70	1.50	.50	1,000	N	50	700	1.0
0425CM34	38 4 42	113 9 5	2.0	.30	.70	.30	500	N	50	700	1.0
0426CM34	38 4 43	113 9 4	3.0	.70	1.00	.70	1,500	N	70	1,000	2.0
0427CM34	38 6 27	113 10 37	1.0	.50	2.00	.50	1,000	<.5	70	500	2.0
0428CM34	38 3 22	113 8 52	10.0	1.50	2.00	1.00	2,000	N	30	500	<1.0
0429CM34	38 3 29	113 6 15	2.0	.70	1.00	.50	1,000	N	50	700	1.0
0430CM34	38 2 13	113 6 44	7.0	1.50	2.00	1.00	2,000	N	50	700	1.5
0431CM34	38 0 23	113 3 7	10.0	1.00	2.00	>1.00	3,000	N	20	500	1.5
0432CM34	38 0 25	113 3 8	10.0	1.50	3.00	>1.00	2,000	N	30	1,500	1.0
0433CM34	38 0 24	113 3 4	7.0	2.00	3.00	1.00	1,500	N	70	1,500	1.5
0434CM31	38 24 1	113 29 48	20.0	2.00	5.00	>1.00	2,000	N	20	1,000	<1.0
0436CM32	38 20 5	113 30 18	5.0	2.00	2.00	.70	1,500	N	50	1,000	2.0
0437CM31	38 19 4	113 32 54	5.0	1.50	1.00	.70	1,000	N	30	500	2.0
0438CM32	38 18 22	113 34 25	5.0	.70	.70	.50	1,500	N	50	1,000	2.0
0441CM32	38 17 45	113 39 35	2.0	.50	.50	.50	1,500	N	70	500	2.0
0442CM33	38 3 46	113 38 33	3.0	.70	1.00	.30	1,500	N	70	500	5.0
0444CM33	38 0 4	113 38 5	7.0	1.50	3.00	.70	1,500	N	50	1,500	2.0
0446CM33	38 1 37	113 39 42	7.0	1.00	1.00	.70	1,500	N	50	1,000	2.0
0448CM33	38 1 54	113 42 30	5.0	.70	1.00	1.00	1,500	N	20	1,000	2.0
0449CM33	38 0 46	113 43 20	3.0	.70	1.00	.30	1,000	N	70	1,000	3.0
0450CM33	38 3 42	113 42 26	1.5	.20	.20	.20	1,000	N	30	150	10.0
0452CM33	38 5 38	113 41 46	2.0	.30	.50	.30	1,500	N	50	200	10.0
0453CM33	38 5 27	113 44 2	1.5	.20	.50	.20	1,000	N	30	200	7.0
0456CM33	38 3 35	113 43 3	5.0	.70	.70	.50	1,500	N	50	700	2.0
0457CM33	38 0 36	113 47 12	3.0	.50	.70	.70	700	N	50	700	1.5
0458CM33	38 0 7	113 47 18	7.0	.50	1.00	1.00	1,500	N	70	1,500	2.0

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
0405CM23	N	N	10	150	10	50	N	N	15	30	N
0406CM23	N	N	15	150	20	50	N	N	20	30	N
0407CM23	N	N	7	100	10	N	N	N	15	30	N
0408CM23	N	N	15	150	15	70	N	<20	30	50	N
0409CM23	N	N	30	100	30	70	N	<20	20	50	N
0410CM32	N	N	5	15	<5	N	N	N	5	10	N
0411CM32	N	N	7	20	5	<20	N	N	5	15	N
0412CM32	N	N	20	70	20	30	N	<20	15	20	N
0413CM31	N	N	30	150	20	70	N	<20	30	15	N
0414CM31	N	N	20	150	30	70	N	<20	20	50	N
0415CM31	N	N	20	70	20	70	N	<20	20	50	N
0416CM31	N	N	30	200	70	50	N	<20	50	50	N
0417CM31	N	N	30	150	100	50	N	<20	70	50	N
0418CM31	N	N	30	200	50	70	N	20	30	70	N
0419CM31	N	N	30	150	50	70	N	<20	30	70	N
0420CM34	N	N	10	70	15	30	N	N	15	15	N
0421CM34	N	N	20	150	30	70	N	<20	20	70	N
0422CM34	N	N	15	150	15	N	N	N	7	20	N
0423CM34	N	N	50	500	50	20	N	N	50	20	N
0424CM34	N	N	10	70	15	<20	N	N	7	15	N
0425CM34	N	N	10	50	15	50	N	<20	15	10	N
0426CM34	N	N	15	100	20	50	N	<20	15	50	N
0427CM34	N	N	7	30	15	20	N	N	7	10	N
0428CM34	N	N	30	100	20	50	N	<20	15	30	N
0429CM34	N	N	15	20	10	20	N	N	7	15	N
0430CM34	N	N	30	100	50	50	N	N	15	50	N
0431CM34	N	N	30	100	20	30	N	N	15	30	N
0432CM34	N	N	30	150	20	20	N	<20	15	50	N
0433CM34	N	N	30	100	20	50	N	N	20	30	N
0434CM31	N	N	50	500	50	50	N	<20	70	30	N
0436CM32	N	N	20	70	50	50	N	<20	20	70	N
0437CM31	N	N	20	70	20	70	N	<20	20	20	N
0438CM32	N	N	10	20	15	70	N	<20	<5	50	N
0441CM32	N	N	15	50	30	30	N	<20	20	50	N
0442CM33	N	N	15	70	15	50	5	30	10	50	N
0444CM33	N	N	20	70	30	100	N	<20	20	50	N
0446CM33	N	N	20	70	30	100	N	<20	50	50	N
0448CM33	N	N	20	50	20	150	<5	20	15	50	N
0449CM33	N	N	10	70	20	70	N	20	20	50	N
0450CM33	N	N	5	<10	5	30	<5	30	5	15	N
0452CM33	N	N	5	10	10	50	7	70	5	50	N
0453CM33	N	N	7	15	10	50	5	70	5	30	N
0456CM33	N	N	15	70	20	70	N	30	10	30	N
0457CM33	N	N	15	50	15	70	N	<20	7	20	N
0458CM33	N	N	15	70	30	70	N	20	15	30	N

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Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	S-TH
0405CM23	7	N	500	100	N	30	N	200	N
0406CM23	10	N	300	200	N	30	N	200	N
0407CM23	5	N	100	100	N	20	N	500	N
0408CM23	10	N	500	150	N	50	N	500	N
0409CM23	15	N	500	200	N	30	N	200	N
0410CM32	<5	N	100	50	N	15	N	50	N
0411CM32	5	N	200	100	N	15	N	100	N
0412CM32	10	N	300	100	N	30	N	500	N
0413CM31	15	N	500	300	N	50	N	500	N
0414CM31	15	N	700	150	N	50	N	200	N
0415CM31	10	N	300	150	N	30	N	200	N
0416CM31	15	N	500	200	N	50	N	300	N
0417CM31	15	N	500	200	N	30	N	700	N
0418CM31	15	N	500	200	N	50	N	500	N
0419CM31	20	N	700	300	N	50	N	700	N
0420CM34	10	N	200	70	N	30	N	100	N
0421CM34	15	N	500	200	N	30	N	150	N
0422CM34	7	N	300	150	N	30	N	500	N
0423CM34	20	N	500	500	N	30	N	700	N
0424CM34	10	N	500	150	N	20	N	300	N
0425CM34	7	N	300	100	N	20	N	300	N
0426CM34	10	N	500	150	N	30	N	700	N
0427CM34	7	N	500	70	N	20	N	200	N
0428CM34	15	N	1,000	300	N	30	N	200	N
0429CM34	7	N	500	100	N	20	N	150	N
0430CM34	15	N	700	200	N	30	N	200	N
0431CM34	15	N	700	500	N	30	N	200	N
0432CM34	15	N	1,000	500	N	30	N	150	N
0433CM34	20	N	700	300	N	30	N	700	N
0434CM31	20	N	1,000	700	N	30	N	700	N
0436CM32	20	N	700	150	N	30	N	200	N
0437CM31	15	N	500	200	N	20	N	500	N
0438CM32	10	N	200	100	N	20	N	700	N
0441CM32	10	N	200	100	N	30	N	500	N
0442CM33	10	10	500	150	N	50	N	200	N
0444CM33	15	N	700	200	N	30	N	500	N
0446CM33	15	N	500	200	N	30	N	500	N
0448CM33	15	N	300	200	N	30	N	500	N
0449CM33	7	N	300	100	N	30	N	200	N
0450CM33	<5	N	150	30	N	30	N	150	N
0452CM33	5	<10	<100	50	N	50	N	500	N
0453CM33	7	10	100	50	N	50	N	300	N
0456CM33	10	N	300	150	N	50	N	700	N
0457CM33	7	N	300	150	N	20	N	200	N
0458CM33	10	N	500	150	N	30	N	700	N

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	LATITUDE	LONGITUD	S-FEX	S-MGX	S-CAZ	S-TIX	S-MN	S-AG	S-B	S-BA	S-BE
0459CM33	38 0 8	113 47 20	7.0	.70	1.00	1.00	1,500	N	70	1,000	1.5
0461CM31	38 19 12	113 28 16	10.0	2.00	2.00	1.00	1,500	N	30	1,000	2.0
0462CM23	38 18 40	113 31 8	3.0	7.00	10.00	.30	1,000	N	70	500	1.0
0464CM32	38 16 57	113 35 37	3.0	.50	.70	.50	1,000	N	70	500	2.0
0465CM32	38 15 59	113 36 58	2.0	.50	.70	.50	1,500	<.5	70	500	2.0
0466CM32	38 15 59	113 36 28	2.0	5.00	10.00	.20	1,000	N	70	300	1.5
0467CM31	38 17 12	113 29 54	10.0	2.00	.70	1.00	1,500	N	50	1,000	2.0
0468CM32	38 16 29	113 30 18	5.0	1.00	.50	.70	1,500	N	30	700	2.0
0469CM31	38 16 48	113 29 39	10.0	1.50	7.00	.70	2,000	N	--	700	2.0
0471CM32	38 17 35	113 33 49	2.0	1.00	1.00	.50	1,000	<.5	100	500	2.0
0472CM32	38 16 0	113 32 43	20.0	1.50	5.00	>1.00	1,500	N	20	1,500	<1.0
0474CM32	38 15 24	113 31 42	7.0	.50	1.00	.70	1,500	N	30	1,000	2.0
0475CM33	38 14 55	113 30 51	10.0	.50	2.00	1.00	1,500	N	20	1,000	1.5
0476CM33	38 13 52	113 26 22	3.0	5.00	15.00	.30	1,000	N	100	500	1.0
0478CM31	38 15 21	113 26 1	3.0	.30	.50	.30	1,500	N	30	500	20.0
0479CM31	38 15 20	113 26 41	3.0	.50	1.00	.30	1,500	N	50	500	20.0
0480CM33	38 10 19	113 30 54	3.0	5.00	7.00	.30	1,000	N	100	700	2.0
0482CM33	38 11 35	113 50 6	7.0	1.00	1.50	1.00	1,000	N	30	1,000	1.5
0483CM33	38 13 0	113 50 27	5.0	1.00	1.00	.70	1,500	N	50	1,000	3.0
0484CM33	38 12 54	113 50 17	7.0	1.50	1.00	.70	1,500	N	30	1,000	2.0
0485CM33	38 10 49	113 47 50	10.0	1.50	1.00	1.00	1,500	N	30	1,000	2.0
0486CM33	38 10 18	113 49 21	10.0	1.00	1.00	1.00	1,500	N	20	700	2.0
0487CM33	38 10 18	113 49 23	10.0	1.00	1.00	1.00	1,000	N	30	1,000	2.0
0488CM33	38 10 6	113 49 47	3.0	1.00	1.00	.50	1,500	<.5	50	1,000	5.0
0490CM33	38 10 6	113 49 25	10.0	1.50	1.00	>1.00	1,500	N	30	700	1.5
0493CM33	38 8 58	113 47 43	7.0	1.50	.70	1.00	1,500	<.5	30	1,000	2.0
0495CM33	38 7 43	113 47 49	5.0	2.00	.70	.70	1,000	N	50	1,000	2.0
0496CM33	38 7 25	113 48 21	3.0	5.00	5.00	.70	1,500	N	70	1,000	2.0
0498CM33	38 7 50	113 45 26	10.0	1.00	1.00	>1.00	1,500	N	20	1,000	1.0
0499CM33	38 8 45	113 45 52	7.0	1.00	1.00	.70	1,500	N	30	1,500	2.0
0500CM33	38 13 35	113 48 58	5.0	1.00	1.00	.70	1,500	<.5	30	1,500	2.0
0502CM33	38 14 27	113 49 4	7.0	1.00	1.50	.70	1,500	N	50	1,500	2.0
0503CM33	38 11 55	113 53 8	10.0	1.00	1.50	1.00	1,000	N	30	700	1.5
0504CM33	38 11 16	113 53 3	5.0	.70	1.50	.70	1,000	N	50	700	2.0
0505CM33	38 11 39	113 54 15	10.0	1.50	2.00	1.00	1,500	N	30	1,000	2.0
0506CM33	38 14 7	113 53 14	10.0	2.00	2.00	1.00	1,500	N	50	700	2.0
0508CM42	38 24 19	112 49 18	1.0	.30	1.00	.20	1,500	N	70	200	7.0
0511CM33	38 0 49	113 51 21	10.0	1.00	1.50	.70	2,000	N	70	1,000	1.5
0514CM33	38 5 29	113 49 17	20.0	2.00	2.00	>1.00	1,500	N	20	1,000	<1.0
0516CM33	38 7 45	113 52 17	10.0	2.00	1.50	.70	1,500	<.5	50	1,000	1.5
0517CM33	38 9 2	113 52 7	15.0	2.00	1.00	.70	1,500	N	50	1,000	2.0
0518CM33	38 8 49	113 52 38	10.0	2.00	1.50	.70	1,500	<.5	50	1,000	2.0
0523CM32	38 15 53	113 53 17	7.0	2.00	2.00	.70	1,500	N	50	1,000	2.0
0525CM31	38 16 30	113 55 12	10.0	3.00	2.00	.70	2,000	N	30	1,000	1.5
0526CM32	38 17 2	113 54 34	7.0	1.50	2.00	.70	1,500	N	70	1,000	3.0

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
0459CM33	N	N	20	100	50	100	N	<20	20	50	N
0461CM31	N	N	30	500	100	70	N	<20	50	50	N
0462CM23	N	N	7	1,000	20	20	N	N	10	30	N
0464CM32	N	N	10	50	50	50	N	<20	30	30	N
0465CM32	N	N	10	30	30	30	N	<20	20	50	N
0466CM32	N	N	7	50	20	20	N	N	20	30	N
0467CM31	N	N	30	1,000	100	70	N	<20	20	50	N
0468CM32	N	N	30	100	50	70	N	20	20	70	N
0469CM31	N	N	15	70	30	70	N	<20	10	50	N
0471CM32	N	N	10	150	30	30	N	N	20	15	N
0472CM32	N	N	20	200	50	70	5	<20	10	100	N
0474CM32	N	N	15	70	50	70	N	<20	15	50	N
0475CM33	N	N	15	1,000	50	50	N	N	10	50	N
0476CM33	N	N	7	1,000	20	20	N	<20	15	30	N
0478CM31	N	N	7	30	15	70	5	70	5	50	N
0479CM31	N	N	7	70	20	50	<5	50	7	70	N
0480CM33	N	N	10	100	20	30	N	N	20	70	N
0482CM33	N	N	20	100	30	70	N	<20	30	70	N
0483CM33	N	N	20	70	50	70	N	<20	30	70	N
0484CM33	N	N	20	70	50	70	N	<20	30	50	N
0485CM33	N	N	30	100	50	70	N	<20	20	50	N
0486CM33	N	N	20	100	20	70	N	20	10	50	N
0487CM33	N	N	20	150	20	70	N	20	20	70	N
0488CM33	N	N	15	50	30	50	N	20	10	70	N
0490CM33	N	N	20	200	20	70	N	<20	20	50	N
0493CM33	N	N	20	70	50	50	N	<20	30	50	N
0495CM33	N	N	20	100	30	70	N	<20	15	70	N
0496CM33	N	N	15	50	20	70	15	<20	15	70	N
0498CM33	N	N	20	100	20	100	N	20	10	50	N
0499CM33	N	N	20	70	20	70	N	<20	15	70	N
0500CM33	N	N	15	50	20	100	N	<20	5	70	N
0502CM33	N	N	20	50	20	150	N	<20	15	70	N
0503CM33	N	N	20	150	50	100	N	<20	30	50	N
0504CM33	N	N	15	70	50	70	<5	<20	20	100	N
0505CM33	N	N	30	100	30	150	N	<20	20	70	N
0506CM33	N	N	20	150	50	50	N	<20	20	50	N
0508CM42	N	N	5	15	15	50	7	30	5	100	N
0511CM33	N	N	30	200	50	50	N	<20	50	70	N
0514CM33	N	N	30	150	10	70	N	<20	20	70	N
0516CM33	N	N	20	150	50	100	N	<20	20	70	N
0517CM33	N	N	20	150	50	100	N	<20	15	70	N
0518CM33	N	N	20	70	50	70	N	20	15	70	N
0523CM32	N	N	30	70	20	70	N	<20	30	70	N
0525CM31	N	N	15	70	20	70	N	<20	10	50	N
0526CM32	N	N	15	100	20	70	N	<20	20	50	N

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	S-TH
0459CM33	15	N	500	200	N	50	N	700	N
0461CM31	20	N	700	300	N	30	N	700	N
0462CM23	7	N	150	100	N	20	N	200	N
0464CM32	15	N	200	100	N	50	N	500	N
0465CM32	10	N	200	100	N	20	N	200	N
0466CM32	10	N	200	70	N	20	N	150	N
0467CM31	20	N	300	300	N	30	N	700	N
0468CM32	20	N	200	200	N	30	N	500	N
0469CM31	20	N	500	200	N	30	N	200	N
0471CM32	7	N	100	100	N	30	N	700	N
0472CM32	15	N	100	700	N	50	N	>1,000	N
0474CM32	10	N	300	200	N	30	N	500	N
0475CM33	10	N	200	300	N	30	N	1,000	N
0476CM33	10	N	300	100	N	30	N	150	N
0478CM31	<5	N	150	50	N	100	N	500	N
0479CM31	5	N	150	70	N	100	N	500	N
0480CM33	7	N	200	100	N	20	N	300	N
0482CM33	20	N	500	300	N	30	N	700	N
0483CM33	20	N	500	200	N	30	N	500	N
0484CM33	20	N	700	200	N	30	N	500	N
0485CM33	20	N	500	200	N	30	N	500	N
0486CM33	15	N	500	200	N	50	N	500	N
0487CM33	15	N	500	200	N	50	N	700	N
0488CM33	15	N	500	100	N	50	N	200	N
0490CM33	10	N	500	300	N	30	N	700	N
0493CM33	15	N	300	150	N	30	N	700	N
0495CM33	15	N	500	150	N	30	N	500	N
0496CM33	10	N	200	100	N	30	N	150	N
0498CM33	15	N	500	300	N	30	N	1,000	N
0499CM33	15	N	700	200	N	30	N	500	N
0500CM33	10	N	500	100	N	50	N	500	N
0502CM33	15	N	700	200	N	30	N	200	N
0503CM33	20	N	500	500	N	50	N	1,000	N
0504CM33	15	N	300	200	N	30	N	500	N
0505CM33	20	N	1,000	200	N	50	N	300	N
0506CM33	15	N	700	300	N	30	N	500	N
0508CM42	7	N	150	50	N	30	N	150	N
0511CM33	15	N	700	200	N	50	N	700	N
0514CM33	10	N	500	700	N	50	N	700	N
0516CM33	20	N	500	200	N	50	N	700	N
0517CM33	20	N	300	300	N	50	N	1,000	N
0518CM33	20	N	300	200	N	30	N	700	N
0523CM32	20	N	500	200	N	50	N	300	N
0525CM31	20	N	500	200	N	30	N	200	N
0526CM32	15	N	500	150	N	50	N	500	N

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	LATITUDE	LONGITUD	S-FEZ	S-MGX	S-CAZ	S-TIX	S-MN	S-AG	S-B	S-BA	S-BE
0528CM32	38 17 4	113 55 46	3.0	3.00	20.00	.50	1,000	N	70	500	<1.0
0529CM32	38 17 38	113 57 0	2.0	5.00	15.00	.30	1,000	N	70	500	1.5
0530CM32	38 18 36	113 57 28	2.0	7.00	15.00	.30	1,000	N	100	500	1.0
0531CM32	38 18 33	113 55 25	7.0	1.50	2.00	.70	1,500	N	50	1,500	1.5
0533CM32	38 19 18	113 51 4	5.0	2.00	2.00	.50	1,000	1.0	50	1,000	2.0
0534CM32	38 19 55	113 51 3	7.0	1.00	3.00	.70	1,000	N	30	1,000	1.0
0538CM32	38 19 23	113 48 10	20.0	.50	1.50	>1.00	3,000	N	10	500	<1.0
0539CM32	38 19 28	113 48 10	>20.0	.50	1.00	>1.00	5,000	N	10	500	<1.0
0540CM32	38 19 28	113 48 12	20.0	1.50	1.50	>1.00	3,000	N	15	1,000	1.0
0541CM32	38 18 57	113 47 34	10.0	2.00	3.00	.70	1,000	N	30	1,500	1.5
0542CM42	38 27 7	112 49 33	5.0	.70	1.00	.70	2,000	N	70	700	3.0
0551CM43	38 11 38	112 50 35	7.0	2.00	1.00	.70	5,000	2.0	50	1,500	1.0
0552CM43	38 12 5	112 48 6	15.0	3.00	5.00	>1.00	3,000	N	20	1,500	<1.0
0553CM43	38 11 23	112 47 34	5.0	2.00	5.00	.70	1,000	<.5	70	1,000	1.5
0554CM43	38 12 3	112 45 31	15.0	1.50	2.00	1.00	1,500	N	30	500	<1.0
0555CM43	38 8 24	112 47 47	3.0	.70	.70	.70	1,500	N	100	1,000	3.0
0556CM43	38 8 4	112 50 14	5.0	1.00	1.50	.50	1,500	N	100	1,000	3.0
0557CM31	38 8 42	112 55 2	15.0	1.00	1.50	>1.00	2,000	N	50	1,000	<1.0
0558CM43	38 8 22	112 56 53	3.0	1.00	1.00	.70	1,500	N	70	1,000	2.0
0559CM43	38 11 9	112 53 50	10.0	2.00	3.00	1.00	2,000	N	30	1,000	1.5
0560CM43	38 6 58	112 56 23	15.0	2.00	2.00	>1.00	3,000	N	15	700	<1.0
0561CM43	38 5 42	112 56 16	10.0	2.00	3.00	1.00	2,000	N	30	1,000	<1.0
0562CM42	38 0 23	112 53 58	10.0	1.00	1.50	1.00	1,500	N	70	500	1.0
0563CM43	38 13 29	112 53 16	7.0	3.00	7.00	.50	2,000	N	70	500	1.5
0564CM42	38 18 2	112 46 41	5.0	3.00	7.00	.50	1,000	N	30	500	5.0
0567CM42	38 20 34	112 51 46	15.0	.50	1.00	1.00	1,500	N	20	500	3.0
0571CM42	38 18 5	112 49 11	1.0	10.00	15.00	.10	500	N	10	150	1.0
0572CM42	38 18 45	112 48 32	3.0	5.00	10.00	.30	1,000	N	20	300	3.0
0573CM42	38 17 2	112 46 43	2.0	1.00	1.00	.30	700	N	50	500	5.0
0574CM42	38 17 14	112 49 49	10.0	2.00	1.50	.70	1,500	N	30	500	2.0
0601CM24	38 31 47	113 29 16	7.0	2.00	3.00	.50	1,500	N	30	700	1.0
0602CM24	38 33 19	113 28 5	5.0	2.00	2.00	.30	1,000	N	50	500	1.5
0603CM23	38 33 11	113 30 32	1.5	2.00	7.00	.20	1,000	N	70	300	2.0
0604CM23	38 36 35	113 30 21	2.0	5.00	10.00	.20	1,500	N	100	500	2.0
0605CM24	38 36 15	113 26 16	2.0	5.00	20.00	.20	1,000	N	70	500	1.0
0606CM24	38 36 53	113 27 20	2.0	5.00	20.00	.15	700	N	30	500	1.0
0607CM24	38 38 9	113 28 22	3.0	3.00	20.00	.20	1,000	N	70	500	1.0
0608CM23	38 38 35	113 31 30	3.0	5.00	7.00	.20	1,000	N	70	500	1.5
0609CM23	38 38 7	113 33 3	5.0	3.00	10.00	.50	1,500	<.5	100	1,000	2.0
0610CM23	38 37 37	113 33 59	5.0	3.00	7.00	.30	1,500	N	100	1,000	2.0
0611CM23	38 37 2	113 33 12	5.0	2.00	5.00	.50	1,500	N	100	700	2.0
0612CM23	38 36 59	113 33 9	5.0	2.00	5.00	.50	1,500	N	100	700	2.0
0613CM23	38 39 36	113 33 44	3.0	1.50	15.00	.30	1,000	N	50	700	1.5
0614CM23	38 40 58	113 33 12	3.0	2.00	15.00	.20	1,500	N	50	700	1.0
0615CM23	38 44 24	113 34 24	7.0	1.50	15.00	.50	1,000	N	30	700	<1.0

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
0528CM32	N	N	10	70	15	30	N	N	15	70	N
0529CM32	N	N	10	70	15	30	N	N	15	50	N
0530CM32	N	N	10	50	20	30	N	N	15	30	N
0531CM32	N	N	30	70	20	70	N	<20	20	70	N
0533CM32	N	N	10	20	20	70	N	<20	7	50	N
0534CM32	N	N	20	50	20	70	N	<20	15	50	N
0538CM32	N	N	70	150	30	150	N	<20	30	70	N
0539CM32	N	N	100	200	50	100	N	<20	50	70	N
0540CM32	N	N	70	200	30	150	N	<20	30	100	N
0541CM32	N	N	20	70	20	100	N	<20	15	70	N
0542CM42	<10	N	7	50	15	70	5	30	7	100	N
0551CM43	<10	N	30	700	70	50	N	<20	20	50	N
0552CM43	<10	N	50	500	20	100	N	<20	70	30	N
0553CM43	<10	N	20	150	20	50	5	<20	30	30	N
0554CM43	N	N	30	200	50	<20	N	<20	20	20	N
0555CM43	N	N	15	100	50	50	N	<20	20	50	N
0556CM43	N	N	20	70	30	30	N	<20	15	70	N
0557CM31	N	N	30	150	30	30	N	<20	20	50	N
0558CM43	N	N	15	70	30	50	N	<20	20	50	N
0559CM43	N	N	20	150	50	50	N	<20	20	50	N
0560CM43	N	N	50	150	50	20	N	<20	30	30	N
0561CM43	N	N	30	100	50	50	N	<20	10	50	N
0562CM42	N	N	30	100	50	30	N	N	15	30	N
0563CM43	N	N	20	500	50	30	N	N	50	50	N
0564CM42	<10	N	7	50	15	150	N	30	7	50	N
0567CM42	<10	N	10	30	10	500	N	50	10	30	N
0571CM42	<10	N	5	15	10	20	N	<20	<5	50	N
0572CM42	<10	N	7	50	10	150	N	20	5	50	N
0573CM42	<10	N	7	20	10	70	N	30	5	30	N
0574CM42	<10	N	20	200	70	50	N	<20	50	50	N
0601CM24	N	N	50	200	50	70	N	N	70	50	N
0602CM24	N	N	30	150	30	50	N	N	70	30	N
0603CM23	N	N	7	50	15	30	N	N	20	30	N
0604CM23	N	N	10	70	15	30	N	<20	15	70	N
0605CM24	N	N	10	50	15	50	N	N	10	30	N
0606CM24	N	N	7	50	7	20	N	N	10	30	N
0607CM24	N	N	10	100	10	20	N	N	10	50	N
0608CM23	N	N	10	70	20	20	N	N	15	30	N
0609CM23	N	N	15	100	30	50	N	<20	20	100	N
0610CM23	N	N	20	70	30	50	N	<20	20	100	N
0611CM23	N	N	15	100	30	50	N	<20	15	70	N
0612CM23	N	N	15	70	30	50	N	<20	15	100	N
0613CM23	N	N	10	70	20	50	N	N	15	50	N
0614CM23	N	N	10	70	20	50	N	N	10	30	N
0615CM23	N	N	20	100	15	70	N	<20	10	50	N

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	S-TH
0528CM32	7	N	500	150	N	30	N	200	N
0529CM32	7	N	300	70	N	30	N	150	N
0530CM32	10	N	200	100	N	20	N	150	N
0531CM32	15	N	500	200	N	50	N	200	N
0533CM32	10	N	700	150	N	20	N	150	N
0534CM32	15	N	700	300	N	30	N	700	N
0538CM32	10	N	500	700	N	30	700	500	N
0539CM32	10	N	200	1,000	N	20	1,000	700	N
0540CM32	10	N	700	700	N	30	700	500	N
0541CM32	15	N	1,000	200	N	30	N	500	N
0542CM42	10	N	150	100	N	50	N	1,000	N
0551CM43	10	N	150	500	N	20	N	300	N
0552CM43	15	N	500	700	N	30	300	500	N
0553CM43	15	N	500	200	N	30	N	500	N
0554CM43	15	N	500	500	N	20	<200	150	N
0555CM43	10	N	300	100	N	30	N	200	N
0556CM43	15	N	500	150	N	30	N	200	N
0557CM31	20	N	700	500	N	50	200	500	N
0558CM43	15	N	300	200	N	30	N	700	N
0559CM43	15	N	500	300	N	50	N	500	N
0560CM43	20	N	500	700	N	50	200	150	N
0561CM43	20	N	700	300	N	30	N	200	N
0562CM42	20	N	300	300	N	30	<200	150	N
0563CM43	20	N	500	150	N	30	N	150	N
0564CM42	10	N	300	150	N	70	N	500	100
0567CM42	15	<10	500	200	N	150	N	1,000	<100
0571CM42	5	N	150	50	N	20	N	150	N
0572CM42	7	N	300	100	N	50	N	200	N
0573CM42	7	N	300	70	N	30	N	500	N
0574CM42	15	N	500	200	N	30	N	150	N
0601CM24	20	N	500	300	N	30	N	150	N
0602CM24	15	N	500	300	N	20	N	150	N
0603CM23	7	N	300	70	N	20	N	100	N
0604CM23	7	N	300	100	N	20	N	150	N
0605CM24	7	N	500	100	N	20	N	150	N
0606CM24	7	N	500	70	N	20	N	100	N
0607CM24	10	N	500	100	N	30	N	100	N
0608CM23	10	N	200	100	N	15	N	150	N
0609CM23	15	N	300	200	N	30	N	500	N
0610CM23	10	N	300	150	N	30	N	200	N
0611CM23	15	N	500	150	N	30	N	200	N
0612CM23	15	N	500	100	N	30	N	150	N
0613CM23	10	N	500	100	N	30	N	300	N
0614CM23	7	N	500	100	N	20	N	300	N
0615CM23	10	N	700	200	N	20	N	300	N

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	LATITUDE	LONGITUD	S-FEX	S-MG%	S-CAZ	S-TIX	S-MN	S-AG	S-B	S-BA	S-BE
0616CM23	38 41 56	113 31 45	3.0	2.00	15.00	.30	1,000	N	70	700	1.5
0617CM23	38 42 7	113 31 5	5.0	2.00	15.00	.50	1,000	N	50	700	2.0
0618CM23	38 41 26	113 30 49	5.0	1.00	15.00	.50	1,000	N	50	500	1.0
0619CM23	38 41 9	113 31 7	5.0	2.00	15.00	.50	1,000	N	70	700	1.0
0620CM23	38 41 3	113 31 6	2.0	1.00	10.00	.20	700	N	50	500	<1.0
0621CM21	38 48 24	113 23 51	7.0	2.00	7.00	.70	1,000	N	50	1,000	1.0
0622CM21	38 52 9	113 27 29	5.0	2.00	10.00	.30	1,000	N	100	500	1.0
0623CM21	38 52 1	113 26 15	2.0	2.00	5.00	.30	500	N	50	200	1.0
0624CM21	38 49 41	113 27 34	5.0	5.00	10.00	.70	1,000	N	50	500	<1.0
0625CM21	38 50 46	113 29 14	20.0	2.00	1.50	>1.00	1,500	N	30	700	<1.0
0626CM21	38 51 15	113 29 34	7.0	2.00	5.00	.50	1,000	N	50	500	1.0
0627CM22	38 51 47	113 35 10	5.0	3.00	7.00	.50	1,000	N	50	700	1.0
0628CM22	38 51 23	113 34 56	5.0	5.00	10.00	.50	700	N	50	500	<1.0
0629CM22	38 49 9	113 33 44	10.0	2.00	3.00	1.00	1,500	N	20	700	<1.0
0630CM22	38 47 11	113 34 5	15.0	1.00	5.00	>1.00	1,500	N	20	500	<1.0
0631CM22	38 49 14	113 37 12	7.0	5.00	10.00	.50	1,000	N	30	700	1.0
0632CM21	38 48 15	113 21 18	10.0	7.00	15.00	.50	1,000	N	30	700	<1.0
0633CM21	38 49 52	113 19 14	5.0	2.00	15.00	.50	1,500	5.0	100	1,000	1.0
0634CM21	38 49 52	113 19 11	5.0	3.00	15.00	.50	1,500	N	100	1,000	2.0
0635CM21	38 49 54	113 19 9	3.0	2.00	10.00	.30	1,000	N	50	700	1.5
0636CM21	38 51 50	113 21 4	3.0	3.00	20.00	.30	1,000	N	50	500	<1.0
0637CM21	38 50 48	113 20 48	10.0	3.00	5.00	1.00	1,500	N	30	1,500	1.0
0638CM21	38 58 42	113 20 39	5.0	2.00	20.00	.30	1,500	N	70	500	<1.0
0639CM21	38 58 6	113 19 23	5.0	2.00	15.00	.30	1,000	N	50	500	1.0
0640CM21	38 57 37	113 16 56	2.0	2.00	20.00	.20	700	N	50	500	<1.0
0641CM21	38 55 35	113 24 14	2.0	10.00	15.00	.20	1,000	N	20	300	<1.0
0642CM21	38 54 11	113 25 21	5.0	5.00	15.00	.50	1,000	N	70	500	1.0
0643CM21	38 54 34	113 26 49	3.0	7.00	15.00	.30	1,000	N	50	500	1.0
0644CM21	38 59 19	113 29 20	2.0	10.00	15.00	.30	1,000	N	100	700	1.5
0645CM21	38 57 13	113 29 6	3.0	10.00	15.00	.30	1,000	N	70	500	1.0
0646CM21	38 56 34	113 29 24	1.5	7.00	15.00	.20	700	N	100	300	<1.0
0647CM21	38 55 28	113 28 57	5.0	7.00	15.00	.30	1,000	N	30	1,000	1.0
0648CM21	38 52 48	113 28 14	5.0	1.00	3.00	.30	1,000	N	50	300	1.0
0649CM22	38 54 0	113 31 27	7.0	2.00	5.00	.70	1,500	N	50	1,000	1.5
0650CM22	38 58 5	113 31 22	10.0	3.00	7.00	1.00	1,000	N	20	500	<1.0
0651CM22	38 53 12	113 32 35	3.0	7.00	7.00	.50	1,000	N	100	1,000	2.0
0652CM22	38 45 50	113 37 6	10.0	1.00	7.00	.70	1,000	N	50	700	1.0
0653CM22	38 45 34	113 34 18	5.0	2.00	15.00	.20	1,000	N	50	500	<1.0
0654CM24	38 41 31	113 29 5	7.0	3.00	15.00	.70	1,500	N	70	1,000	1.0
0655CM24	38 36 29	113 28 14	3.0	5.00	20.00	.30	1,000	N	70	500	1.0
0656CM24	38 31 14	113 27 50	7.0	2.00	15.00	.50	1,000	N	30	500	<1.0
0657CM21	38 47 20	113 21 3	7.0	5.00	15.00	.50	1,000	N	50	300	<1.0
0658CM21	38 45 9	113 20 51	7.0	3.00	15.00	.50	1,000	N	50	1,000	<1.0
0659CM21	38 48 6	113 18 34	3.0	7.00	20.00	.20	1,000	N	50	700	1.0
0660CM21	38 53 48	113 17 19	5.0	2.00	10.00	.50	1,000	N	70	300	1.0

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
0616CM23	N	N	15	70	15	50	N	<20	15	50	N
0617CM23	N	N	10	70	20	50	N	<20	15	70	N
0618CM23	N	N	20	70	20	50	N	<20	15	50	N
0619CM23	N	N	15	100	15	50	N	<20	15	50	N
0620CM23	N	N	15	70	15	30	N	N	15	30	N
0621CM21	N	N	20	150	20	70	7	<20	20	50	N
0622CM21	N	N	15	150	15	50	N	N	15	20	N
0623CM23	N	N	7	20	5	N	N	N	5	10	N
0624CM21	N	N	20	100	7	100	N	N	7	30	N
0625CM21	N	N	50	300	15	70	N	N	20	50	N
0626CM21	N	N	15	100	15	50	N	<20	15	20	N
0627CM22	N	N	20	70	15	70	N	N	15	50	N
0628CM22	N	N	15	100	15	30	N	N	10	50	N
0629CM22	N	N	30	200	10	150	N	<20	30	50	N
0630CM22	N	N	50	300	15	150	N	<20	20	70	N
0631CM22	N	N	20	100	15	100	N	<20	15	70	N
0632CM21	N	N	15	150	10	50	N	<20	15	15	N
0633CM21	N	N	10	100	20	50	N	N	20	50	N
0634CM21	N	N	10	70	20	50	N	N	20	30	N
0635CM21	N	N	10	50	20	20	N	N	15	50	N
0636CM21	N	N	10	100	15	30	N	N	15	30	N
0637CM21	N	N	50	300	50	70	N	<20	70	50	N
0638CM21	N	N	30	150	15	20	N	N	20	30	N
0639CM21	N	N	15	70	7	70	N	N	15	20	N
0640CM21	N	N	10	70	10	20	N	N	10	20	N
0641CM21	N	N	5	20	5	N	N	N	10	30	N
0642CM21	N	N	15	100	15	50	N	N	20	30	N
0643CM21	N	N	10	70	20	20	N	N	20	30	N
0644CM21	N	N	10	70	20	N	N	N	20	50	N
0645CM21	N	N	10	50	10	20	N	N	15	30	N
0646CM21	N	N	10	70	20	N	N	N	15	20	N
0647CM21	N	N	15	150	15	100	N	N	15	30	N
0648CM21	N	N	15	70	15	50	N	N	7	30	N
0649CM22	N	N	30	100	30	50	N	<20	15	50	N
0650CM22	N	N	30	150	15	70	N	<20	20	50	N
0651CM22	N	N	20	100	30	50	N	<20	20	50	N
0652CM22	N	N	30	150	15	100	N	<20	20	50	N
0653CM22	N	N	15	100	10	50	N	N	15	30	N
0654CM24	N	N	15	100	20	50	N	<20	20	50	N
0655CM24	N	N	10	70	15	50	N	N	10	30	N
0656CM24	N	N	20	100	15	70	N	<20	15	30	N
0657CM21	N	N	15	100	15	30	N	N	20	15	N
0658CM21	N	N	20	150	15	50	N	<20	20	20	N
0659CM21	N	N	10	70	15	20	N	N	15	20	N
0660CM21	N	N	20	100	15	20	N	N	30	30	N

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-SC	S-SN	S-SR	S-SV	S-SW	S-SY	S-ZN	S-ZR	S-TH
0616CM23	10	N	500	100	N	30	N	150	N
0617CM23	10	N	700	100	N	30	N	200	N
0618CM23	10	N	500	150	N	20	N	200	N
0619CM23	10	N	500	150	N	30	N	300	N
0620CM23	7	N	500	150	N	20	N	150	N
0621CM21	15	N	500	300	N	30	N	500	N
0622CM21	15	N	500	200	N	30	N	200	N
0623CM23	7	N	200	100	N	10	N	200	N
0624CM21	15	N	500	300	N	30	N	500	N
0625CM21	20	N	300	700	N	50	N	500	N
0626CM21	10	N	300	200	N	20	N	500	N
0627CM22	10	N	500	200	N	30	N	300	N
0628CM22	10	N	500	200	N	20	N	500	N
0629CM22	15	N	500	500	N	50	N	500	N
0630CM22	15	N	300	1,000	N	50	N	1,000	N
0631CM22	15	N	700	300	N	30	N	300	N
0632CM21	15	N	500	300	N	30	N	150	N
0633CM21	10	N	700	150	N	30	N	500	N
0634CM21	10	N	1,000	150	N	30	N	200	N
0635CM21	10	N	700	100	N	20	N	200	N
0636CM21	10	N	1,000	150	N	30	N	150	N
0637CM21	20	N	1,500	500	N	50	N	200	N
0638CM21	7	N	700	200	N	20	N	150	N
0639CM21	10	N	700	200	N	20	N	100	N
0640CM21	7	N	1,000	100	N	20	N	150	N
0641CM21	5	N	500	70	N	20	N	100	N
0642CM21	7	N	700	200	N	30	N	300	N
0643CM21	7	N	500	150	N	20	N	200	N
0644CM21	7	N	500	100	N	20	N	150	N
0645CM21	7	N	500	100	N	20	N	200	N
0646CM21	5	N	500	100	N	15	N	150	N
0647CM21	10	N	500	150	N	30	N	150	N
0648CM21	15	N	500	200	N	20	N	200	N
0649CM22	15	N	1,000	300	N	30	N	500	N
0650CM22	10	N	500	500	N	50	N	200	N
0651CM22	10	N	300	200	N	30	N	200	N
0652CM22	10	N	700	500	N	30	N	200	N
0653CM22	7	N	500	200	N	30	N	200	N
0654CM24	15	N	700	200	N	30	N	500	N
0655CM24	7	N	500	150	N	30	N	150	N
0656CM24	7	N	1,000	300	N	20	N	150	N
0657CM21	10	N	500	200	N	30	N	500	N
0658CM21	15	N	1,500	200	N	30	N	100	N
0659CM21	10	N	700	100	N	20	N	150	N
0660CM21	15	N	500	200	N	20	N	150	N

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	LATITUDE	LONGITUD	S-FEX	S-MG%	S-CA%	S-TIX	S-MN	S-AG	S-B	S-BA	S-BE
0661CM21	38 52 41	113 17 39	15.0	3.00	7.00	1.00	1,500	N	50	1,000	1.0
0662CM21	38 51 54	113 18 15	1.5	2.00	20.00	.20	1,000	N	50	500	1.0
0663CM21	38 53 58	113 19 17	5.0	2.00	20.00	.30	1,000	N	30	500	<1.0
0664CM21	38 55 12	113 19 17	3.0	3.00	20.00	.20	1,000	N	30	500	<1.0
0665CM21	38 56 37	113 19 19	5.0	2.00	20.00	.50	1,500	N	70	500	1.0
0666CM21	38 52 45	113 21 0	10.0	2.00	15.00	.70	1,500	N	30	500	1.0
0667CM21	38 53 41	113 23 29	2.0	10.00	15.00	.20	1,000	N	50	500	1.0
0668CM21	38 58 3	113 23 7	3.0	7.00	15.00	.30	1,000	N	70	700	1.0
0670CM21	38 58 50	113 23 57	2.0	7.00	15.00	.15	500	N	300	300	<1.0
0671CM21	38 58 17	113 27 0	3.0	7.00	15.00	.30	1,000	N	100	700	1.0
0672CM21	38 58 15	113 26 57	3.0	5.00	15.00	.30	1,000	N	70	500	<1.0
0673CM21	38 58 7	113 27 7	2.0	5.00	15.00	.20	700	N	70	500	1.0
0674CM21	38 56 11	113 26 29	3.0	10.00	15.00	.30	1,000	N	50	500	1.0
0675CM21	38 52 50	113 25 56	3.0	7.00	15.00	.30	1,000	N	70	500	1.0
0676CM22	38 54 51	113 31 41	3.0	7.00	15.00	.30	1,000	N	70	700	1.0
0677CM21	38 53 1	113 36 43	10.0	5.00	10.00	1.00	1,500	N	30	700	1.0
0678CM22	38 56 12	113 32 40	3.0	10.00	15.00	.30	500	N	30	300	<1.0
0679CM22	38 58 3	113 34 21	2.0	7.00	10.00	.20	500	N	30	300	1.0
0680CM22	38 58 31	113 36 43	2.0	7.00	15.00	.30	1,000	N	50	500	1.0
0681CM22	38 59 4	113 39 21	1.5	7.00	15.00	.20	500	.5	50	300	<1.0
0682CM22	38 49 34	113 42 18	2.0	7.00	15.00	.30	1,000	N	70	300	1.5
0683CM22	38 48 9	113 42 10	1.5	5.00	10.00	.20	700	<.5	50	300	1.0
0684CM22	38 48 5	113 39 59	2.0	2.00	20.00	.20	500	N	30	300	1.0
0685CM22	38 47 7	113 40 25	1.5	2.00	15.00	.20	500	N	50	300	1.0
0686CM22	38 46 57	113 43 54	2.0	7.00	10.00	.30	1,000	.5	70	500	1.0
0687CM22	38 45 50	113 43 14	1.5	7.00	15.00	.20	500	N	50	300	1.0
0688CM23	38 44 2	113 43 20	1.5	7.00	15.00	.20	500	N	50	300	<1.0
0689CM23	38 42 52	113 44 43	1.0	10.00	15.00	.15	300	N	30	200	<1.0
0690CM23	38 34 9	113 33 23	3.0	5.00	15.00	.30	1,500	N	100	700	1.5
0692CM23	38 31 13	113 33 44	1.0	10.00	20.00	.15	500	N	15	200	<1.0
0693CM23	38 30 23	113 32 8	2.0	3.00	10.00	.20	700	N	30	300	1.0
0695CM22	38 47 18	113 48 20	3.0	3.00	10.00	1.00	1,000	N	50	300	1.0
0696CM22	38 49 10	113 46 48	1.5	5.00	15.00	.20	500	N	70	300	1.0
0697CM22	38 50 2	113 46 31	3.0	2.00	15.00	.30	1,000	N	--	700	1.0
0698CM22	38 46 23	113 50 8	1.0	3.00	10.00	.10	300	N	30	150	1.0
0699CM22	38 47 48	113 50 45	1.0	7.00	15.00	.15	700	N	50	300	<1.0
0700CM22	38 50 0	113 49 29	1.0	5.00	10.00	.30	700	N	150	300	1.5
0701CM22	38 50 27	113 50 11	3.0	1.50	10.00	.50	1,000	2.0	300	500	1.0
0702CM22	38 48 45	113 51 44	2.0	2.00	7.00	.30	1,000	<.5	150	300	1.5
0703CM22	38 53 25	113 46 20	2.0	7.00	15.00	.30	1,000	N	50	500	<1.0
0704CM22	38 55 50	113 48 27	3.0	2.00	5.00	.50	1,000	.5	50	300	1.0
0705CM22	38 55 46	113 48 27	5.0	1.50	7.00	.70	1,000	N	50	300	<1.0
0706CM22	38 55 51	113 48 50	7.0	1.50	7.00	.70	1,000	N	30	500	1.0
0707CM22	38 53 25	113 51 52	.5	1.50	3.00	.20	200	<.5	50	300	<1.0
0708CM22	38 52 26	113 53 8	1.0	1.00	5.00	.20	200	N	70	300	<1.0

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
0661CM21	N	N	30	200	30	50	N	N	30	50	N
0662CM21	N	N	7	70	10	20	N	N	15	30	N
0663CM21	N	N	10	100	7	20	N	N	15	20	N
0664CM21	N	N	10	50	5	20	N	N	10	15	N
0665CM21	N	N	10	100	10	30	N	<20	15	30	N
0666CM21	N	N	15	150	15	70	N	N	20	30	N
0667CM21	N	N	7	50	10	20	N	N	15	30	N
0668CM21	N	N	10	70	20	20	N	N	15	30	N
0670CM21	N	N	7	50	10	N	N	N	10	20	N
0671CM21	N	N	10	70	20	20	N	N	20	50	N
0672CM21	N	N	10	70	15	50	N	N	20	20	N
0673CM21	N	N	10	50	15	20	N	N	15	20	N
0674CM21	N	N	10	70	15	50	N	N	15	50	N
0675CM21	N	N	15	70	7	30	N	N	15	20	N
0676CM22	N	N	15	70	15	30	N	N	15	30	N
0677CM21	N	N	20	150	15	150	N	<20	20	50	N
0678CM22	N	N	15	70	7	100	N	N	15	15	N
0679CM22	N	N	7	50	7	30	N	N	10	15	N
0680CM22	N	N	7	50	10	20	N	N	7	30	N
0681CM22	N	N	7	30	7	20	N	N	7	15	N
0682CM22	N	N	10	70	15	20	N	N	10	30	N
0683CM22	N	N	10	50	15	20	N	N	10	20	N
0684CM22	N	N	10	70	5	30	N	N	10	15	N
0685CM22	N	N	7	30	5	20	N	N	5	15	N
0686CM22	N	N	10	70	15	20	N	N	10	50	N
0687CM22	N	N	10	50	10	20	N	N	10	20	N
0688CM23	N	N	7	50	10	20	N	N	15	20	N
0689CM23	N	N	7	15	7	N	N	N	5	15	N
0690CM23	N	N	15	70	20	30	N	<20	15	50	N
0692CM23	N	N	5	20	5	<20	N	N	7	15	N
0693CM23	N	N	7	20	7	50	N	N	10	10	N
0695CM22	N	N	10	20	5	70	N	<20	7	20	N
0696CM22	N	N	7	50	15	20	N	N	15	20	N
0497CM22	N	N	10	100	20	20	N	N	10	20	N
0698CM22	N	N	5	20	7	20	N	N	7	15	N
0699CM22	N	N	7	30	7	20	N	N	10	15	N
0700CM22	N	N	10	50	15	30	5	N	30	20	N
0701CM22	N	N	10	500	50	50	N	N	100	20	N
0702CM22	N	N	10	100	15	30	N	N	30	15	N
0703CM22	N	N	7	50	7	20	N	N	5	20	N
0704CM22	N	N	15	70	15	50	5	<20	15	20	N
0705CM22	N	N	15	70	10	50	5	<20	15	15	N
0706CM22	N	N	20	100	15	50	N	<20	20	20	N
0707CM22	N	N	<5	20	<5	N	N	N	<5	<10	N
0708CM22	N	N	5	30	7	<20	N	N	10	10	N

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	S-TH
0661CM21	20	N	1,000	500	N	50	N	300	N
0662CM21	7	N	1,000	70	N	20	N	200	N
0663CM21	10	N	1,000	200	N	15	N	100	N
0664CM21	10	N	1,000	100	N	15	N	70	N
0665CM21	10	N	1,000	200	N	30	N	300	N
0666CM21	15	N	1,000	300	N	30	N	150	N
0667CM21	7	N	500	100	N	20	N	100	N
0668CM21	7	N	1,000	70	N	20	N	150	N
0670CM21	5	N	500	50	N	15	N	150	N
0671CM21	7	N	500	100	N	20	N	150	N
0672CM21	7	N	500	100	N	20	N	200	N
0673CM21	7	N	500	100	N	30	N	150	N
0674CM21	7	N	500	150	N	30	N	100	N
0675CM21	10	N	700	100	N	20	N	200	N
0676CM22	7	N	500	150	N	30	N	200	N
0677CM21	10	N	500	500	N	30	N	200	N
0678CM22	10	N	500	150	N	20	N	200	N
0679CM22	7	N	300	100	N	20	N	150	N
0680CM22	7	N	500	100	N	20	N	150	N
0681CM22	5	N	300	70	N	15	N	150	N
0682CM22	7	N	300	70	N	20	N	100	N
0683CM22	7	N	300	70	N	20	N	150	N
0684CM22	7	N	500	70	N	10	N	100	N
0685CM22	5	N	500	50	N	15	N	150	N
0686CM22	7	N	500	150	N	30	N	200	N
0687CM22	7	N	300	70	N	20	N	150	N
0688CM23	7	N	300	70	N	15	N	100	N
0689CM23	5	N	200	50	N	15	N	70	N
0690CM23	10	N	300	150	N	20	N	150	N
0692CM23	5	N	300	70	N	15	N	70	N
0693CM23	5	N	300	100	N	20	N	150	N
0695CM22	15	N	300	150	N	20	N	200	N
0696CM22	7	N	300	70	N	15	N	70	N
0697CM22	7	N	300	100	N	20	N	150	N
0698CM22	5	N	200	50	N	15	N	100	N
0699CM22	7	N	200	70	N	20	N	100	N
0700CM22	10	N	300	70	N	20	N	100	N
0701CM22	10	N	1,000	200	N	70	N	500	N
0702CM22	10	N	500	100	N	30	N	150	N
0703CM22	5	N	300	70	N	15	N	700	N
0704CM22	10	N	300	200	N	20	N	150	N
0705CM22	10	N	300	200	N	20	N	200	N
0706CM22	15	N	500	200	N	30	N	200	N
0707CM22	<5	N	100	30	N	<10	N	500	N
0708CM22	5	N	200	70	N	10	N	150	N

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	LATITUDE	LONGITUD	S-FEX	S-MGX	S-CAx	S-TIX	S-MN	S-AG	S-B	S-BA	S-BE
0709CM22	38 51 31	113 54 38	3	1.00	2.00	.10	200	N	50	200	1.0
0710CM22	38 45 49	113 53 46	2.0	2.00	15.00	.30	500	<.5	100	300	1.0
0711CM22	38 45 36	113 55 21	2.0	3.00	10.00	.30	500	N	70	500	1.0
0712CM22	38 47 42	113 54 26	1.0	2.00	7.00	.20	300	.7	50	500	<1.0
0713CM22	38 48 38	113 53 40	1.5	2.00	5.00	.30	500	N	70	300	1.0
0714CM22	38 49 55	113 53 23	1.5	2.00	5.00	.30	500	N	70	500	<1.0
0715CM22	38 50 23	113 52 26	1.5	2.00	7.00	.30	500	<.5	50	500	<1.0
0716CM22	38 47 59	113 51 30	3.0	1.50	7.00	.50	1,000	N	100	500	1.5
0717CM22	38 48 0	113 51 29	5.0	2.00	15.00	.50	1,500	.7	100	1,000	2.0
0718CM22	38 48 1	113 51 27	3.0	2.00	15.00	.50	1,500	.7	100	1,000	2.0
0719CM22	38 52 29	113 51 8	1.0	2.00	5.00	.20	300	N	70	300	<1.0
0720CM22	38 53 31	113 50 57	.5	1.50	7.00	.20	200	<.5	70	300	<1.0
0721CM22	38 51 39	113 47 1	2.0	10.00	20.00	.30	1,000	N	70	500	1.0
0722CM22	38 55 21	113 52 14	3.0	3.00	7.00	.50	1,000	.5	70	500	2.0
0723CM22	38 57 5	113 52 9	2.0	5.00	15.00	.30	700	.5	70	700	<1.0
0724CM22	38 57 49	113 53 52	3.0	3.00	20.00	.50	1,000	<.5	100	700	1.0
0725CM22	38 56 25	113 53 22	2.0	3.00	7.00	.30	700	N	70	500	1.0
0726CM22	38 55 7	113 53 39	.7	2.00	7.00	.20	200	<.5	70	500	<1.0
0727CM22	38 53 1	113 55 6	3.0	3.00	10.00	.30	1,000	<.5	100	700	1.0
0728CM22	38 53 1	113 57 33	3.0	1.00	5.00	.30	1,000	N	50	500	1.0
0729CM22	38 54 1	113 57 6	3.0	2.00	10.00	.30	700	N	50	500	1.0
0730CM22	38 55 3	113 56 21	3.0	3.00	15.00	.30	700	<.5	100	500	1.0
0731CM22	38 55 6	113 57 2	5.0	2.00	10.00	.50	1,000	1.0	150	700	2.0
0732CM22	38 55 9	113 57 2	3.0	2.00	15.00	.50	1,000	1.5	100	500	1.0
0733CM22	38 55 2	113 57 10	3.0	2.00	10.00	.30	1,500	1.5	150	700	2.0
0734CM22	38 55 12	113 58 31	3.0	1.50	10.00	.50	1,500	<.5	70	500	2.0
0735CM22	38 52 4	113 56 40	2.0	2.00	7.00	.50	500	.5	100	500	1.0
0736CM32	38 27 17	113 51 8	5.0	1.00	7.00	.30	700	N	150	300	1.0
0737CM32	38 26 36	113 48 38	10.0	2.00	3.00	.70	1,500	N	50	700	2.0
0738CM32	38 25 27	113 50 41	5.0	1.00	2.00	1.00	1,000	3.0	50	700	1.0
0740CM32	38 24 47	113 51 34	7.0	2.00	5.00	.70	1,000	N	30	500	1.0
0742CM32	38 24 2	113 51 11	10.0	2.00	5.00	1.00	1,500	N	30	1,500	1.5
0744CM32	38 23 46	113 50 10	10.0	1.00	7.00	>1.00	1,500	N	20	1,500	1.5
0745CM32	38 23 43	113 50 13	15.0	1.00	3.00	>1.00	1,500	N	20	1,000	1.0
0746CM32	38 23 41	113 50 15	15.0	1.00	3.00	>1.00	1,500	N	20	1,000	1.0
0747CM32	38 23 44	113 52 53	7.0	2.00	3.00	.70	1,500	N	50	1,000	2.0
0748CM32	38 24 19	113 53 43	10.0	1.00	2.00	1.00	1,000	N	30	1,000	1.0
0749CM32	38 24 16	113 55 29	10.0	1.00	3.00	.70	1,500	N	30	1,000	2.0
0750CM32	38 23 27	113 56 15	15.0	1.50	3.00	>1.00	1,500	N	30	1,000	1.0
0754CM32	38 26 26	113 59 2	15.0	3.00	7.00	1.00	1,500	N	30	1,500	1.0
0756CM32	38 25 31	113 53 17	7.0	1.50	2.00	.70	1,500	N	30	1,500	1.5
0757CM32	38 25 34	113 53 19	7.0	2.00	2.00	.70	1,500	N	70	1,500	3.0
0758CM32	38 25 33	113 53 21	7.0	1.00	2.00	.70	1,500	N	70	1,500	2.0
0759CM32	38 27 20	113 52 35	7.0	1.50	2.00	.70	1,500	N	50	1,000	2.0
0760CM32	38 29 1	113 52 57	15.0	2.00	1.50	>1.00	1,500	N	30	1,000	1.0

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
0709CM22	N	N	<5	15	<5	N	N	N	5	<10	N
0710CM22	N	N	7	100	15	20	N	N	30	20	N
0711CM22	N	N	7	70	15	20	N	N	15	50	N
0712CM22	N	N	5	70	5	N	N	N	5	10	N
0713CM22	N	N	5	30	10	N	N	N	5	20	N
0714CM22	N	N	7	70	5	N	N	N	7	10	N
0715CM22	N	N	5	70	5	N	N	N	5	10	N
0716CM22	N	N	15	70	20	50	N	<20	20	30	N
0717CM22	N	N	15	200	20	50	N	<20	50	30	N
0718CM22	N	N	15	200	50	50	N	<20	50	50	N
0719CM22	N	N	5	50	10	N	N	N	7	15	N
0720CM22	N	N	<5	150	<5	N	N	N	<5	15	N
0721CM22	N	N	10	70	15	30	N	N	10	50	N
0722CM22	N	N	10	150	20	30	N	N	20	30	N
0723CM22	N	N	7	150	15	30	5	N	50	15	N
0724CM22	N	N	10	150	20	20	N	N	30	20	N
0725CM22	N	N	7	70	15	20	N	N	20	15	N
0726CM22	N	N	<5	50	<5	N	N	N	5	10	N
0727CM22	N	N	10	100	15	20	N	N	15	30	N
0728CM22	N	N	10	50	15	30	N	N	10	15	N
0729CM22	N	N	10	70	10	50	N	N	10	20	N
0730CM22	N	N	10	150	20	20	N	N	30	20	N
0731CM22	N	N	15	300	30	50	N	N	70	30	N
0732CM22	N	N	10	200	30	50	<5	N	50	30	N
0733CM22	N	N	10	150	30	20	N	N	50	50	N
0734CM22	N	N	10	50	15	50	N	<20	15	50	N
0735CM22	N	N	10	100	15	50	N	N	20	15	N
0736CM32	N	N	15	150	20	30	N	N	30	30	N
0737CM32	N	N	20	100	20	50	<5	<20	15	70	N
0738CM32	N	N	10	50	7	200	N	<20	7	20	N
0740CM32	N	N	30	150	15	150	<5	<20	30	20	N
0742CM32	N	N	20	70	15	100	N	<20	15	50	N
0744CM32	N	N	20	100	10	300	N	<20	15	50	N
0745CM32	N	N	30	100	10	300	N	20	15	70	N
0746CM32	N	N	30	150	10	300	N	<20	15	70	N
0747CM32	N	N	15	70	30	50	N	<20	15	30	N
0748CM32	N	N	30	150	15	50	N	<20	20	20	N
0749CM32	N	N	20	70	15	150	N	<20	10	50	N
0750CM32	N	N	30	200	10	70	N	<20	30	50	N
0754CM32	N	N	30	150	15	70	N	<20	30	30	N
0756CM32	N	N	20	70	20	70	N	<20	20	50	N
0757CM32	N	N	20	70	50	50	N	<20	20	70	N
0758CM32	N	N	20	70	30	70	<5	<20	20	70	N
0759CM32	N	N	20	100	20	50	<5	<20	20	50	N
0760CM32	N	N	50	200	30	50	<5	<20	50	50	N

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Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	S-TH
0709CM22	<5	N	150	30	N	<10	N	150	N
0710CM22	7	N	500	150	N	20	N	1,000	N
0711CM22	7	N	300	100	N	20	N	500	N
0712CM22	<5	N	100	30	N	10	N	700	N
0713CM22	5	N	150	50	N	10	N	200	N
0714CM22	<5	N	100	70	N	10	N	1,000	N
0715CM22	5	N	150	70	N	15	N	500	N
0716CM22	10	N	500	150	N	50	N	500	N
0717CM22	15	N	500	200	N	70	N	500	N
0718CM22	15	N	700	200	N	50	N	200	N
0719CM22	<5	N	100	30	N	<10	N	150	N
0720CM22	<5	N	N	30	N	<10	N	300	N
0721CM22	5	N	300	70	N	20	N	150	N
0722CM22	10	N	300	150	N	20	N	200	N
0723CM22	7	N	500	150	N	30	N	300	N
0724CM22	10	N	1,000	150	N	30	N	300	N
0725CM22	5	N	300	100	N	20	N	300	N
0726CM22	<5	N	100	30	N	10	N	500	N
0727CM22	7	N	500	150	N	30	N	700	N
0728CM22	10	N	700	200	N	20	N	200	N
0729CM22	7	N	500	150	N	20	N	150	N
0730CM22	10	N	500	150	N	20	N	500	N
0731CM22	15	N	700	150	N	50	N	150	N
0732CM22	15	N	500	200	N	50	N	300	N
0733CM22	10	N	700	100	N	20	N	200	N
0734CM22	10	N	700	150	N	30	N	500	N
0735CM22	7	N	300	150	N	20	N	150	N
0736CM32	15	N	300	150	N	20	N	150	N
0737CM32	20	N	700	300	N	30	N	300	N
0738CM32	10	N	500	150	N	20	N	300	N
0740CM32	15	N	500	300	N	30	N	200	N
0742CM32	15	N	1,000	200	N	30	N	500	N
0744CM32	15	N	1,000	300	N	50	N	500	N
0745CM32	15	N	1,000	500	N	50	N	700	N
0746CM32	15	N	700	500	N	50	N	700	N
0747CM32	15	N	700	200	N	30	N	500	N
0748CM32	20	N	700	300	N	30	N	200	N
0749CM32	15	N	700	200	N	50	N	500	N
0750CM32	15	N	700	700	N	30	N	500	N
0754CM32	20	N	1,000	500	N	50	N	500	N
0756CM32	15	N	700	200	N	30	N	200	N
0757CM32	15	N	500	150	N	30	N	150	N
0758CM32	15	N	700	200	N	30	N	200	N
0759CM32	15	N	700	200	N	30	N	300	N
0760CM32	20	N	500	500	N	50	N	700	N

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	LATITUDE	LONGITUD	S-FEX	S-MGX	S-CAX	S-TIX	S-MN	S-AG	S-B	S-BA	S-BE
0761CM32	38 26 18	113 54 2	5.0	1.00	1.50	.70	1,500	N	50	1,000	1.5
0762CM32	38 26 29	113 56 20	10.0	2.00	2.00	1.00	1,500	N	30	700	1.0
0763CM32	38 28 55	113 56 42	2.0	5.00	7.00	.30	1,500	<.5	100	500	1.5
0765CM32	38 29 39	113 35 19	2.0	3.00	10.00	.30	1,000	<.5	100	500	1.5
0766CM32	38 17 1	113 46 53	15.0	2.00	2.00	>1.00	1,500	N	30	1,500	1.0
0768CM32	38 16 27	113 49 20	20.0	1.00	2.00	>1.00	2,000	N	10	1,000	<1.0
0769CM32	38 15 52	113 51 1	10.0	1.50	2.00	1.00	1,500	N	30	700	1.5
0771CM32	38 17 24	113 51 13	15.0	1.00	2.00	>1.00	1,500	N	20	1,000	1.5
0772CM32	38 20 42	113 49 48	7.0	1.50	2.00	.70	1,500	N	70	1,500	1.5
0774CM32	38 21 42	113 50 41	5.0	1.50	7.00	.50	1,500	N	50	1,000	1.5
0776CM32	38 20 55	113 54 5	3.0	1.00	2.00	.50	1,500	N	50	1,500	2.0
0778CM32	38 20 7	113 53 33	15.0	1.50	2.00	>1.00	1,500	N	20	1,000	1.0
0780CM32	38 18 42	113 53 9	20.0	1.00	1.00	>1.00	5,000	N	10	500	<1.0
0781CM32	38 19 55	113 55 23	10.0	1.00	2.00	.70	1,500	N	30	1,000	2.0
0783CM31	38 21 11	113 22 1	10.0	1.00	3.00	1.00	2,000	N	30	1,000	1.5
0784CM31	38 20 3	113 21 59	15.0	1.00	2.00	>1.00	1,500	N	30	1,000	1.0
0785CM31	38 20 6	113 19 5	10.0	1.50	2.00	>1.00	1,500	N	20	1,000	2.0
0787CM31	38 20 29	113 18 6	7.0	1.00	2.00	.70	1,500	N	50	1,000	2.0
0788CM31	38 19 18	113 20 26	3.0	1.00	1.50	.50	2,000	N	50	1,000	3.0
0789CM31	38 20 55	113 17 28	15.0	2.00	3.00	>1.00	1,500	N	50	1,000	2.0
0790CM31	38 22 51	113 15 19	5.0	1.00	2.00	.70	1,500	N	70	1,000	2.0
0792CM31	38 18 35	113 16 41	5.0	1.00	2.00	.70	1,500	N	50	1,000	3.0
0793CM31	38 18 22	113 16 18	10.0	1.00	2.00	1.00	2,000	N	30	1,000	2.0
0797CM31	38 21 39	113 19 48	10.0	2.00	3.00	1.00	2,000	N	50	1,000	1.0
0798CM31	38 17 33	113 15 19	15.0	2.00	3.00	>1.00	3,000	N	20	1,000	1.0
0799CM32	38 32 10	113 18 27	2.0	5.00	7.00	.50	1,000	.5	100	700	2.0
0800CM24	38 30 46	113 16 21	3.0	.50	.70	.50	1,000	.5	100	1,000	2.0
0802CM32	38 28 9	113 30 9	10.0	3.00	5.00	.70	1,500	N	70	1,000	1.5
0804CM32	38 23 10	113 30 57	15.0	3.00	5.00	1.00	1,500	N	30	1,000	1.5
0806CM24	38 32 26	113 15 51	7.0	1.50	1.00	.70	1,000	<.5	100	1,000	3.0
0809CM24	38 32 22	113 14 13	10.0	2.00	2.00	.70	1,500	N	70	1,500	2.0
0810CM24	38 31 40	113 14 4	15.0	3.00	2.00	1.00	1,500	N	50	1,000	1.5
0811CM24	38 31 29	113 9 18	7.0	5.00	15.00	.70	2,000	.5	100	1,000	1.5
0813CM24	38 30 45	113 6 26	7.0	3.00	7.00	.70	2,000	<.5	70	1,000	2.0
0815CM24	38 33 15	113 6 31	1.5	10.00	15.00	.30	700	<.5	50	300	1.0
0817CM24	38 33 27	113 8 48	2.0	1.00	2.00	.70	1,000	N	150	500	1.5
0819CM24	38 34 6	113 11 40	15.0	3.00	5.00	1.00	2,000	N	30	1,500	2.0
0820CM24	38 34 29	113 14 1	7.0	1.00	1.50	1.00	1,000	N	150	700	3.0
0822CM24	38 35 39	113 10 59	10.0	3.00	5.00	1.00	2,000	N	50	1,500	1.5
0823CM24	38 43 13	113 2 6	1.5	1.00	3.00	.30	500	N	100	700	2.0
0824CM24	38 41 58	113 5 55	3.0	1.00	2.00	.70	1,000	N	100	700	2.0
0825CM24	38 38 36	113 13 4	15.0	1.50	3.00	1.00	2,000	N	30	1,000	1.0
0826CM24	38 38 22	113 10 7	2.0	1.00	3.00	.50	700	N	70	500	1.5
0827CM24	38 36 59	113 10 51	2.0	1.00	3.00	.30	300	N	100	500	2.0
0843CM34	38 5 13	113 3 36	5.0	1.00	1.50	.70	1,500	N	70	1,500	2.0

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
0761CM32	N	N	20	70	30	50	N	<20	20	50	N
0762CM32	N	N	30	150	20	50	<5	<20	20	30	N
0763CM32	N	N	7	70	20	30	N	N	20	50	N
0765CM32	N	N	10	70	20	20	N	N	10	50	N
0766CM32	N	N	30	150	20	70	N	20	50	50	N
0768CM32	N	N	50	200	10	150	N	<20	30	50	N
0769CM32	N	N	30	150	30	70	N	<20	30	50	N
0771CM32	N	N	30	70	15	70	N	<20	15	50	N
0772CM32	N	N	15	70	20	70	N	<20	20	70	N
0774CM32	N	N	20	70	15	100	N	<20	15	50	N
0776CM32	N	N	15	20	20	50	N	<20	5	50	N
0778CM32	N	N	30	100	15	200	N	<20	20	50	N
0780CM32	N	N	70	300	30	100	N	<20	30	50	N
0781CM32	N	N	20	70	30	100	N	<20	15	50	N
0783CM31	N	N	30	150	50	150	<5	20	30	70	N
0784CM31	N	N	50	200	50	100	N	<20	50	50	N
0785CM31	N	N	30	100	50	70	N	<20	30	50	N
0787CM31	N	N	20	100	50	100	N	<20	30	50	N
0788CM31	N	N	20	20	30	70	N	<20	20	50	N
0789CM31	N	N	20	150	50	70	N	<20	30	50	N
0790CM31	N	N	20	100	30	70	N	<20	30	70	N
0792CM31	N	N	20	70	50	70	<5	<20	30	70	N
0793CM31	N	N	30	100	30	100	<5	20	30	50	N
0797CM31	N	N	30	150	50	70	N	<20	30	70	N
0798CM31	N	N	50	500	100	50	<5	N	50	70	N
0799CM32	N	N	10	70	20	30	N	<20	15	100	N
0800CM24	N	N	10	50	30	50	5	<20	20	150	N
0802CM32	N	N	20	100	30	70	<5	<20	20	50	N
0804CM32	N	N	20	70	20	70	N	<20	10	50	N
0806CM24	N	N	10	100	70	50	N	<20	20	70	N
0809CM24	N	N	20	200	70	70	N	<20	50	70	N
0810CM24	N	N	30	200	50	70	N	<20	50	150	N
0811CM24	<10	N	20	150	70	70	N	<20	30	70	N
0813CM24	<10	N	20	70	100	100	7	<20	20	100	N
0815CM24	<10	N	7	50	10	N	N	N	15	50	N
0817CM24	<10	N	10	50	15	30	5	<20	7	20	N
0819CM24	<10	N	50	200	50	70	<5	<20	50	70	N
0820CM24	<10	N	15	70	50	50	N	<20	15	100	N
0822CM24	<10	N	30	200	50	70	<5	<20	50	50	N
0823CM24	<10	N	7	30	15	20	N	N	5	20	N
0824CM24	<10	N	10	70	20	30	N	<20	15	50	N
0825CM24	<10	N	20	150	20	200	N	<20	20	100	N
0826CM24	<10	N	15	50	15	50	N	N	20	30	N
0827CM24	<10	N	7	70	15	50	N	N	7	20	N
0843CM34	<10	N	10	50	15	50	N	<20	5	50	N

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	S-TH
0761CM32	15	N	700	200	N	50	N	200	N
0762CM32	20	N	700	500	N	30	N	500	N
0763CM32	10	N	200	100	N	30	N	150	N
0765CM32	10	N	500	100	N	20	N	150	N
0766CM32	20	N	700	500	N	50	N	700	N
0768CM32	10	N	500	1,000	N	30	500	700	N
0769CM32	20	N	500	500	N	50	N	500	N
0771CM32	15	N	1,000	300	N	50	N	500	N
0772CM32	15	N	700	200	N	50	N	500	N
0774CM32	10	N	500	200	N	30	N	700	N
0776CM32	10	N	1,000	150	N	20	N	300	N
0778CM32	20	N	700	700	N	50	N	700	N
0780CM32	15	N	300	1,000	N	50	500	1,000	N
0781CM32	15	N	500	500	N	30	N	700	N
0783CM31	15	N	500	300	N	50	N	700	N
0784CM31	15	N	300	700	N	50	N	500	N
0785CM31	15	N	500	300	N	30	N	1,000	N
0787CM31	15	N	700	200	N	50	N	500	N
0788CM31	10	N	300	150	N	50	N	500	N
0789CM31	15	N	500	300	N	50	N	1,000	N
0790CM31	15	N	500	200	N	50	N	500	N
0792CM31	15	N	500	150	N	30	N	200	N
0793CM31	10	N	500	300	N	50	N	700	N
0797CM31	15	N	700	200	N	50	N	700	N
0798CM31	15	N	300	500	N	30	300	150	N
0799CM32	10	N	300	100	N	30	N	150	N
0800CM24	10	N	200	100	N	30	N	200	N
0802CM32	20	N	1,000	200	N	70	N	200	N
0804CM32	30	N	1,000	300	N	50	N	500	N
0806CM24	15	N	200	100	N	70	N	500	N
0809CM24	20	N	1,000	200	N	30	N	200	N
0810CM24	20	N	500	500	N	50	<200	500	N
0811CM24	10	N	500	200	N	30	N	700	N
0813CM24	15	N	500	200	N	30	N	500	N
0815CM24	5	N	200	100	N	20	N	200	N
0817CM24	7	N	300	100	N	30	N	1,000	N
0819CM24	20	N	1,000	300	N	30	N	150	N
0820CM24	10	N	200	100	N	50	N	700	N
0822CM24	20	N	1,000	300	N	30	N	300	N
0823CM24	10	N	700	50	N	30	N	300	N
0824CM24	10	N	500	100	N	50	N	700	N
0825CM24	15	N	700	700	N	100	200	1,000	N
0826CM24	10	N	300	100	N	30	N	700	N
0827CM24	10	N	300	70	N	30	N	500	N
0843CM34	10	N	500	150	N	30	N	700	N

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Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	LATITUDE	LONGITUD	S-FEZ	S-MGZ	S-CAZ	S-TIZ	S-MN	S-AG	S-B	S-BA	S-BE
0844CM34	38 5 41	113 2 55	7.0	2.00	5.00	1.00	1,500	N	50	1,000	1.0
0847CM34	38 2 2	113 5 25	7.0	1.50	1.50	1.00	1,500	N	70	1,000	1.5
0879CM43	38 6 24	112 57 18	15.0	1.50	2.00	1.00	2,000	N	50	1,000	1.0
0880CM43	38 5 42	112 57 33	15.0	1.50	3.00	>1.00	1,500	N	20	500	<1.0
0881CM43	38 5 40	112 59 23	10.0	2.00	3.00	1.00	1,500	N	50	1,000	1.5
0882CM43	38 2 24	112 59 30	15.0	1.50	2.00	1.00	1,500	N	70	1,000	1.0
0883CM43	38 3 11	112 57 9	10.0	1.00	1.50	.70	1,500	N	70	700	1.0
0884CM43	38 0 57	112 55 23	7.0	1.50	3.00	.70	1,500	N	70	500	1.0
0885CM43	38 1 56	112 54 30	10.0	1.50	2.00	.70	1,500	N	70	700	<1.0
0888CM43	38 0 15	112 49 48	15.0	2.00	5.00	>1.00	1,500	N	20	700	<1.0
0889CM43	38 3 39	112 47 8	15.0	3.00	5.00	>1.00	1,500	N	15	700	N
0890CM43	38 6 8	112 53 45	7.0	1.00	1.50	.70	1,500	N	70	700	1.5
0891CM43	38 7 7	112 50 49	7.0	1.50	1.50	.70	1,500	N	70	1,000	1.5
0892CM43	38 5 38	112 51 47	7.0	1.00	1.50	.70	1,500	N	70	700	1.5
0893CM43	38 5 41	112 51 43	7.0	1.00	1.50	.70	1,500	N	30	500	2.0
0894CM43	38 5 39	112 51 35	7.0	1.00	1.50	.70	1,500	N	70	1,000	1.5
0895CM43	38 4 57	112 52 18	7.0	1.50	2.00	.70	1,500	N	70	700	1.0
0896CM43	38 3 47	112 51 22	20.0	2.00	1.50	>1.00	2,000	N	30	500	N
0897CM43	38 3 59	112 48 57	15.0	2.00	7.00	1.00	2,000	N	20	700	<1.0
0900CM34	38 7 28	112 46 14	10.0	2.00	1.50	1.00	1,500	N	20	500	1.0
0901CM31	38 27 23	113 4 13	10.0	1.00	3.00	.70	1,000	N	70	700	1.5
0902CM31	38 26 53	113 13 44	15.0	1.00	3.00	>1.00	3,000	.7	30	1,500	1.0
0903CM31	38 28 33	113 13 16	10.0	2.00	3.00	1.00	2,000	30.0	70	1,000	1.5
0904CM31	38 28 58	113 14 51	10.0	2.00	5.00	>1.00	2,000	.7	70	1,500	1.0
0906CM31	38 28 55	113 14 35	10.0	1.50	3.00	.50	3,000	10.0	100	1,000	1.5
0907CM31	38 27 24	113 16 23	10.0	5.00	7.00	>1.00	1,500	<.5	50	500	<1.0
0908CM31	38 27 55	113 15 21	10.0	1.50	1.00	.70	1,500	3.0	70	1,000	1.5
0909CM31	38 25 58	113 16 47	10.0	2.00	5.00	1.00	2,000	N	50	1,500	1.5
0910CM31	38 26 27	113 16 9	10.0	3.00	5.00	>1.00	2,000	30.0	50	2,000	1.0
0911CM31	38 27 29	113 17 57	7.0	2.00	10.00	.30	2,000	3.0	150	500	1.0
0912CM31	38 29 32	113 17 40	10.0	3.00	15.00	.30	1,500	.5	100	500	1.0
0917CM31	38 23 30	113 19 1	7.0	1.50	3.00	.70	1,000	N	30	500	1.0
0918CM31	38 17 52	113 25 43	3.0	1.00	1.50	.50	1,500	N	100	700	3.0
0936CM31	38 20 46	113 8 20	2.0	5.00	10.00	.30	1,500	1.0	70	300	1.0
0943CM31	38 16 59	113 12 18	10.0	2.00	2.00	1.00	2,000	N	30	700	1.5
0944CM31	38 15 43	113 13 11	10.0	2.00	3.00	>1.00	2,000	N	30	1,000	1.5
1001CM31	38 17 22	113 10 30	10.0	2.00	5.00	.70	1,500	N	30	500	1.5
1002CM31	38 20 3	113 12 19	10.0	.70	2.00	1.00	1,500	N	30	1,000	1.0
1005CM31	38 22 3	113 10 46	3.0	1.00	2.00	.50	700	N	50	500	2.0
1006CM31	38 23 48	113 7 48	2.0	2.00	7.00	.50	1,500	.5	70	500	2.0
1007CM31	38 24 16	113 6 51	3.0	1.50	1.50	.50	700	.5	70	500	2.0
1008CM31	38 23 24	113 5 46	2.0	2.00	10.00	.30	1,000	.5	70	300	1.5
1011CM33	38 3 40	113 43 22	1.5	.20	.50	.30	1,500	N	30	300	10.0
1013CM33	38 3 19	113 43 41	1.5	.20	.50	.30	1,000	N	20	150	7.0
1015CM33	38 3 31	113 43 33	2.0	.30	.70	.30	1,000	N	30	300	5.0

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
0844CM34	<10	N	20	100	30	30	N	N	20	30	N
0847CM34	<10	N	20	70	30	50	N	<20	20	30	N
0879CM43	N	N	30	100	70	20	N	<20	50	50	N
0880CM43	N	N	50	200	70	30	N	<20	20	20	N
0881CM43	N	N	30	100	70	30	N	<20	100	70	N
0882CM43	N	N	20	70	30	20	N	<20	30	50	N
0883CM43	N	N	15	70	50	20	N	<20	20	50	N
0884CM43	N	N	30	100	30	20	N	<20	15	50	N
0885CM43	N	N	20	100	50	20	N	<20	10	30	N
0888CM43	N	N	50	200	50	20	N	<20	30	30	N
0889CM43	N	N	50	150	50	<20	N	N	20	15	N
0890CM43	N	N	20	70	70	30	N	<20	30	50	N
0891CM43	N	N	20	70	50	30	N	<20	20	30	N
0892CM43	N	N	30	150	50	20	N	<20	30	50	N
0893CM43	N	N	15	100	50	30	N	<20	30	50	N
0894CM43	N	N	20	70	30	20	N	<20	20	50	N
0895CM43	N	N	30	100	50	30	N	N	30	50	N
0896CM43	N	N	70	1,000	70	<20	N	N	50	20	N
0897CM43	N	N	50	150	70	20	N	N	30	20	N
0900CM34	N	N	30	100	50	50	N	N	20	30	N
0901CM31	N	N	20	200	100	70	<5	<20	30	100	N
0902CM31	N	N	30	200	100	100	N	<20	30	500	N
0903CM31	N	30	30	200	100	70	<5	<20	50	7,000	N
0904CM31	N	N	50	200	70	70	N	<20	50	200	N
0906CM31	N	50	30	150	100	50	N	N	50	2,000	N
0907CM31	N	N	30	150	100	50	N	<20	30	150	N
0908CM31	N	N	30	150	70	50	N	N	20	1,000	N
0909CM31	N	N	30	150	50	100	N	<20	20	100	N
0910CM31	10	200	30	200	500	70	15	<20	30	7,000	200
0911CM31	50	N	30	50	200	50	20	N	20	700	N
0912CM31	N	N	30	150	100	30	5	N	30	150	N
0917CM31	N	N	30	200	70	50	N	N	50	20	N
0918CM31	N	N	15	70	30	70	<5	<20	20	70	N
0936CM31	N	N	7	50	20	<20	N	N	30	200	N
0943CM31	N	N	50	150	50	30	N	<20	30	50	N
0944CM31	N	N	50	200	70	50	N	<20	70	70	N
1001CM31	N	N	30	200	70	50	N	<20	50	50	N
1002CM31	N	N	30	70	50	70	<5	<20	15	70	N
1005CM31	N	N	15	70	30	30	<5	<20	20	20	N
1006CM31	N	N	10	70	30	30	N	<20	20	50	N
1007CM31	N	N	10	50	70	50	10	<20	20	70	N
1008CM31	N	N	10	50	30	20	N	<20	10	200	N
1011CM33	N	N	<5	10	5	30	5	100	<5	50	N
1013CM33	N	N	<5	10	5	30	<5	30	<5	30	N
1015CM33	N	N	5	10	7	30	N	70	5	50	N

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	S-TH
0846CM34	15	N	700	300	N	30	N	200	N
0847CM34	15	N	500	300	N	30	N	500	N
0879CM43	20	N	500	300	N	30	N	500	N
0880CM43	20	N	500	700	N	20	<200	150	N
0881CM43	15	N	500	300	N	30	N	200	N
0882CM43	10	N	500	200	N	30	N	700	N
0883CM43	15	N	500	150	N	30	N	300	N
0884CM43	20	N	500	300	N	30	N	200	N
0885CM43	15	N	500	300	N	30	N	200	N
0888CM43	20	N	700	500	N	20	<200	300	N
0889CM43	30	N	1,000	1,000	N	20	300	70	N
0890CM43	15	N	300	200	N	30	N	500	N
0891CM43	15	N	500	300	N	30	N	500	N
0892CM43	15	N	500	200	N	30	N	300	N
0893CM43	15	N	500	150	N	30	N	200	N
0894CM43	15	N	300	200	N	30	N	300	N
0895CM43	15	N	500	200	N	30	N	200	N
0896CM43	20	N	700	1,000	N	20	500	70	N
0897CM43	30	N	1,000	700	N	30	N	150	N
0900CM34	20	N	500	200	N	30	N	150	N
0901CM31	15	N	500	300	N	30	N	500	N
0902CM31	20	N	1,000	500	N	30	N	700	N
0903CM31	20	N	700	700	N	30	5,000	500	N
0904CM31	15	N	700	700	N	50	200	200	N
0906CM31	20	N	500	200	N	20	2,000	200	N
0907CM31	15	N	300	700	N	50	N	500	N
0908CM31	20	N	700	200	N	30	N	500	N
0909CM31	15	N	500	300	N	50	N	1,000	N
0910CM31	20	N	500	500	N	50	10,000	200	N
0911CM31	10	15	500	200	N	30	700	150	N
0912CM31	15	N	500	200	N	30	N	200	N
0917CM31	20	N	500	300	N	30	N	150	N
0918CM31	10	N	500	150	N	50	N	200	N
0936CM31	7	N	300	100	N	15	N	150	N
0943CM31	20	N	500	300	N	30	N	200	N
0944CM31	15	N	700	500	N	30	<200	300	N
1001CM31	20	N	500	300	N	50	N	150	N
1002CM31	15	N	500	300	N	30	N	500	N
1005CM31	15	N	300	150	N	20	N	200	N
1006CM31	10	N	500	100	N	30	N	200	N
1007CM31	10	N	200	100	N	20	N	200	N
1008CM31	7	N	500	70	N	20	N	150	N
1011CM33	5	N	100	50	N	30	N	300	N
1013CM33	<5	N	<100	30	N	20	N	200	N
1015CM33	<5	N	150	30	N	30	N	200	N

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	LATITUDE	LONGITUD	S-FEX	S-MGX	S-CAK	S-TIX	S-MN	S-AG	S-B	S-BA	S-BE
1016CM33	38 3 48	113 42 44	10.0	.30	.50	>1.00	2,000	N	30	500	2.0
1050CM14	38 43 28	112 1 51	3.0	1.50	3.00	.50	1,000	N	70	700	2.0
1051CM14	38 43 7	112 0 34	2.0	1.50	5.00	.30	700	N	50	700	2.0
1053CM14	38 40 53	112 2 20	3.0	1.00	1.50	.50	1,000	N	20	700	2.0
1055CM14	38 36 55	112 6 12	3.0	1.00	2.00	.50	1,500	N	20	700	2.0
1056CM14	38 36 46	112 3 36	3.0	1.00	1.50	.30	1,000	N	50	700	3.0
1057CM14	38 34 13	112 5 10	3.0	.70	1.00	.70	700	N	100	700	3.0
1058CM14	38 34 39	112 4 59	2.0	.50	.70	.50	500	N	200	2,000	5.0
1059CM14	38 36 13	112 5 42	3.0	1.00	2.00	.30	1,500	N	30	700	3.0
1061CM14	38 38 21	112 3 5	2.0	.70	1.00	.50	700	N	50	500	3.0
1062CM14	38 39 30	112 5 57	5.0	1.50	2.00	.50	1,500	N	50	700	2.0
1066CM14	38 30 36	112 1 58	2.0	1.00	1.00	.70	1,500	N	70	1,000	10.0
1068CM14	38 30 21	112 0 15	2.0	.70	.70	.50	700	N	100	700	10.0
1069CM14	38 33 11	112 0 22	5.0	1.00	1.50	.70	1,000	N	30	700	3.0
1080CM42	38 25 51	112 46 37	3.0	.70	1.00	.50	1,500	N	30	700	5.0
1081CM42	38 25 52	112 46 34	7.0	1.50	2.00	.70	1,500	N	15	1,500	3.0
1083CM44	38 24 44	112 46 18	5.0	1.50	2.00	.70	1,500	N	10	500	1.0
1084CM44	38 1 36	112 14 5	7.0	1.50	2.00	1.00	1,500	N	<10	500	1.0
1085CM44	38 2 44	112 13 36	7.0	1.50	3.00	.70	1,500	<.5	10	500	1.0
1086CM44	38 4 19	112 14 0	3.0	1.00	1.50	.50	1,500	N	30	500	1.5
1087CM44	38 3 22	112 10 0	5.0	1.50	1.00	.70	1,500	<.5	20	500	2.0
1088CM44	38 0 18	112 11 52	5.0	1.00	1.50	.50	1,000	N	20	500	1.5
1089CM44	38 0 51	112 10 26	7.0	1.50	2.00	1.00	1,500	N	20	700	1.0
1091CM44	38 1 54	112 9 49	5.0	1.00	1.50	.70	1,000	.5	20	500	1.5
1092CM44	38 1 27	112 7 11	5.0	1.50	2.00	.70	1,500	N	15	700	1.0
1093CM44	38 1 0	112 5 40	5.0	1.00	1.50	.70	1,500	N	30	700	1.5
1095CM44	38 2 7	112 4 16	7.0	1.50	2.00	.50	1,500	N	20	1,000	1.0
1096CM44	38 3 29	112 5 20	5.0	1.00	1.50	.70	1,500	N	50	700	1.5
1097CM44	38 4 55	112 0 55	7.0	1.50	2.00	.70	1,500	N	20	700	1.5
1099CM44	38 6 18	112 4 36	5.0	1.50	2.00	.30	1,500	N	10	1,000	1.5
1325CM42	38 15 16	112 49 46	20.0	2.00	3.00	>1.00	3,000	N	30	700	<1.0
1326CM42	38 15 18	112 49 46	20.0	3.00	2.00	>1.00	2,000	N	30	1,000	<1.0
1327CM42	38 15 34	112 53 19	7.0	2.00	7.00	.70	1,500	N	100	1,000	1.5
1328CM43	38 15 43	112 53 22	7.0	3.00	15.00	.30	1,500	1.0	100	500	1.0
1330CM42	38 16 36	112 54 35	3.0	2.00	7.00	.50	1,000	N	100	500	1.5
1332CM42	38 17 19	112 53 56	3.0	1.50	3.00	.50	1,000	N	100	300	1.0
1336CM42	38 16 32	112 52 22	15.0	2.00	3.00	1.00	1,500	N	70	1,000	1.0
1338CM42	38 17 17	112 51 42	.5	.20	.50	.10	200	N	50	150	<1.0
1340CM42	38 19 46	112 52 56	2.0	10.00	15.00	.15	1,000	70.0	20	>5,000	2.0
1341CM42	38 22 43	112 50 29	5.0	1.00	1.50	.50	1,500	<.5	20	500	3.0
1343CM42	38 25 44	112 50 31	15.0	2.00	2.00	1.00	1,500	N	50	700	2.0
1344CM42	38 24 30	112 42 40	3.0	.70	1.00	.50	1,500	<.5	50	500	3.0
1345CM42	38 24 32	112 42 40	5.0	1.00	1.00	.50	1,500	<.5	50	500	3.0
1346CM42	38 24 30	112 42 49	3.0	1.00	1.00	.50	1,500	<.5	50	500	3.0
1347CM42	38 27 46	112 44 37	7.0	.30	.70	.70	1,500	N	30	300	3.0

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
1016CM33	N	N	15	20	10	50	5	70	7	70	N
1050CM14	N	N	15	50	30	50	N	<20	20	30	N
1051CM14	N	N	10	50	15	70	N	<20	20	30	N
1053CM14	N	N	20	100	20	50	N	N	30	20	N
1055CM14	N	N	20	30	20	70	N	N	15	20	N
1056CM14	N	N	15	10	50	70	N	<20	10	30	N
1057CM14	N	N	15	100	50	100	<5	20	30	50	N
1058CM14	N	N	10	30	50	150	5	20	20	50	N
1059CM14	N	N	15	10	70	70	N	<20	10	20	N
1061CM14	N	N	10	30	50	50	N	<20	20	30	N
1062CM14	N	N	20	50	70	70	N	<20	30	30	N
1066CM14	N	N	10	50	50	70	N	20	20	150	N
1068CM14	N	N	7	50	20	70	N	20	10	70	N
1069CM14	N	N	20	150	50	70	N	<20	50	50	N
1080CM42	N	N	10	30	30	100	N	70	10	150	N
1081CM42	N	N	30	20	50	100	N	30	20	70	N
1083CM44	N	N	15	<10	15	30	N	<20	5	20	N
1084CM44	N	N	30	<10	15	50	N	N	7	10	N
1085CM44	N	N	20	<10	15	50	N	<20	7	20	N
1086CM44	N	N	15	15	20	100	N	<20	10	20	N
1087CM44	N	N	20	70	15	50	N	<20	20	50	N
1088CM44	N	N	15	10	15	30	N	<20	7	15	N
1089CM44	N	N	30	10	20	50	N	<20	10	30	N
1091CM44	N	N	15	15	15	20	N	N	7	30	N
1092CM44	N	N	20	10	15	50	N	N	10	15	N
1093CM44	N	N	20	30	20	30	N	N	10	30	N
1095CM44	N	N	15	15	15	50	N	<20	7	30	N
1096CM44	N	N	20	50	20	100	N	N	15	30	N
1097CM44	N	N	20	70	15	30	N	<20	30	30	N
1099CM44	N	N	10	<10	10	50	N	<20	5	20	N
1325CM42	N	N	70	700	70	50	N	<20	100	20	N
1326CM42	N	N	70	500	100	50	N	<20	100	50	N
1327CM42	N	N	20	150	70	50	5	<20	50	100	N
1328CM43	30	N	20	150	150	50	N	<20	30	150	N
1330CM42	N	N	15	150	30	70	<5	<20	30	50	N
1332CM42	N	N	7	50	15	N	N	N	5	15	N
1336CM42	N	N	20	150	50	50	N	<20	30	50	N
1338CM42	N	N	<5	15	5	N	N	N	<5	N	N
1340CM42	N	N	5	30	50	N	70	N	10	700	N
1341CM42	N	N	10	15	50	100	N	30	10	70	N
1343CM42	N	N	30	20	50	150	5	30	30	30	N
1344CM42	N	N	10	50	50	70	<5	20	20	150	N
1345CM42	N	N	10	70	30	100	N	30	20	100	N
1346CM42	N	N	10	50	30	70	N	30	15	100	N
1347CM42	N	N	7	50	15	200	5	100	10	100	N

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-ZR	S-Y	S-ZN	S-ZR	S-TH
1016CM33	7	N	200	150	N	50	200	>1,000	N	N
1050CM14	10	N	500	200	N	30	N	200	N	N
1051CM14	10	N	500	150	N	30	N	150	N	N
1053CM14	15	N	700	200	N	30	N	200	N	N
1055CM14	15	N	700	200	N	30	N	150	N	N
1056CM14	15	N	700	200	N	30	N	150	N	N
1057CM14	15	N	500	200	N	30	N	500	N	N
1058CM14	15	N	500	150	N	30	N	500	N	N
1059CM14	15	N	500	200	N	30	N	150	N	N
1061CM14	15	N	500	100	N	30	N	150	N	N
1062CM14	20	N	500	200	N	30	N	150	N	N
1066CM14	10	N	700	100	N	70	N	300	N	N
1068CM14	10	N	300	100	N	50	N	500	N	N
1069CM14	15	N	500	200	N	50	N	150	N	N
1080CM42	10	N	300	150	N	50	N	500	N	150
1081CM42	15	N	700	200	N	50	N	300	N	N
1083CM44	15	N	1,000	150	N	30	<200	100	N	N
1084CM44	15	N	1,000	200	N	30	200	100	N	N
1089CM44	20	N	700	300	N	30	<200	150	N	N
1091CM44	15	N	700	200	N	30	200	150	N	N
1092CM44	15	N	1,000	200	N	30	N	200	N	N
1093CM44	15	N	700	200	N	30	N	200	N	N
1095CM44	15	N	700	200	N	30	N	150	N	N
1096CM44	15	N	700	200	N	30	N	200	N	N
1097CM44	15	N	700	200	N	30	N	200	N	N
1099CM44	15	N	1,000	150	N	30	N	150	N	N
1325CM42	30	N	700	1,000	N	30	500	150	N	N
1326CM42	30	N	700	1,000	N	30	300	200	N	N
1327CM42	15	N	500	200	N	30	N	300	N	N
1328CM43	10	N	300	150	N	30	<200	500	N	N
1330CM42	10	N	300	150	N	30	N	300	N	N
1332CM42	5	N	100	70	N	15	N	500	N	N
1336CM42	15	N	500	300	N	30	N	500	N	N
1338CM42	<5	N	N	20	N	N	N	300	N	N
1340CM42	<5	N	500	50	N	15	N	100	N	N
1341CM42	15	N	300	100	N	30	N	200	N	N
1343CM42	20	N	1,000	200	N	70	N	700	N	N
1344CM42	10	N	300	100	N	30	N	200	N	N
1345CM42	10	N	300	150	N	50	N	500	N	N
1346CM42	10	N	300	150	N	30	N	500	N	N
1347CM42	10	10	300	100	N	70	N	1,000	N	N

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	LATITUDE	LONGITUD	S-FEX	S-MGX	S-CAX	S-TIX	S-MN	S-AG	S-B	S-BA	S-BE
1348CM42	38 29 29	112 45 17	7.0	.50	1.00	.70	1,500	N	20	500	5.0
1350CM43	38 29 4	112 49 31	3.0	.50	.70	.50	1,500	N	50	300	3.0
1351CM42	38 29 4	112 49 30	5.0	.70	1.00	.70	1,500	N	50	500	2.0
1352CM42	38 29 18	112 48 39	3.0	1.00	1.00	.70	1,500	N	50	500	3.0
1353CM42	38 29 2	112 48 5	5.0	1.00	1.00	.70	2,000	N	50	500	5.0
1355CM42	38 28 43	112 42 49	15.0	.50	.70	>1.00	2,000	N	30	500	1.0
1357CM42	38 26 40	112 41 48	5.0	.70	.70	.50	1,500	N	50	500	2.0
1358CM42	38 27 44	112 41 6	5.0	.50	.70	.70	1,500	N	50	500	3.0
1359CM42	38 29 48	112 42 2	10.0	1.00	1.00	1.00	1,500	N	50	500	2.0
1362CM42	38 25 55	112 39 56	3.0	1.00	1.00	.50	1,000	N	70	500	3.0
1363CM42	38 25 12	112 40 16	10.0	.50	.70	1.00	1,500	N	50	300	1.5
1364CM42	38 23 14	112 40 34	10.0	1.00	1.50	.70	1,500	N	50	500	3.0
1365CM42	38 25 38	112 38 48	5.0	1.00	1.50	.70	1,500	N	50	500	3.0
1366CM42	38 25 2	112 38 40	3.0	.70	.70	.50	1,500	N	70	300	5.0
1367CM42	38 27 2	112 38 22	3.0	.20	.70	.20	1,000	N	50	200	3.0
1370CM13	38 30 54	112 41 40	5.0	1.50	1.50	.70	1,500	N	70	700	2.0
1371CM13	38 31 22	112 43 20	3.0	1.50	1.50	.70	1,500	N	50	500	1.5
1373CM42	38 29 34	112 40 30	2.0	.70	.70	.50	1,500	N	100	500	3.0
1374CM13	38 33 5	112 40 56	2.0	1.00	1.50	.50	1,000	N	100	500	2.0
1375CM13	38 32 5	112 41 26	3.0	1.00	.70	.70	1,500	N	100	700	2.0
1376CM13	38 32 32	112 39 29	2.0	1.00	1.00	.50	1,000	N	100	500	3.0
1377CM13	38 34 4	112 40 17	1.5	1.00	.70	.50	1,500	N	100	500	2.0
1378CM13	38 35 3	112 41 7	2.0	1.00	1.00	.50	1,500	N	100	500	3.0
1379CM13	38 35 19	112 43 13	2.0	1.00	1.50	.50	1,500	<.5	100	500	3.0
1380CM13	38 34 34	112 43 35	2.0	1.00	1.50	.50	1,000	N	100	500	2.0
1384CM13	38 36 40	112 40 9	2.0	1.00	1.50	.50	1,000	<.5	100	500	2.0
1385CM13	38 35 48	112 38 55	2.0	1.00	1.50	.50	1,000	N	100	700	3.0
1386CM13	38 39 26	112 42 18	2.0	1.00	1.50	.50	1,000	N	100	500	3.0
1387CM13	38 39 46	112 40 33	3.0	1.50	1.50	.70	1,000	N	70	500	2.0
1388CM13	38 38 58	112 44 48	3.0	.70	2.00	.70	1,000	N	50	500	2.0
1389CM13	38 41 46	112 41 2	1.5	.70	1.00	.50	1,000	N	70	300	1.5
1390CM12	38 45 5	112 42 58	5.0	1.50	7.00	.70	1,000	N	100	700	2.0
1391CM13	38 42 30	112 43 12	3.0	1.00	2.00	.30	700	<.5	100	700	2.0
1392CM13	38 42 50	112 41 54	3.0	1.00	1.50	.50	1,000	<.5	100	700	3.0
1393CM13	38 41 31	112 43 55	2.0	1.00	2.00	.30	700	<.5	100	700	3.0
1394CM13	38 43 48	112 39 27	2.0	1.00	2.00	.50	1,000	<.5	150	700	3.0
1395CM12	38 45 41	112 32 34	1.0	.20	.50	.50	300	N	100	300	1.0
1396CM12	38 45 3	112 31 23	2.0	2.00	5.00	.30	700	N	150	500	2.0
1397CM12	38 46 8	112 31 47	2.0	1.00	1.50	.30	700	N	150	500	1.0
1398CM13	38 44 44	112 30 49	1.5	2.00	3.00	.30	700	<.5	100	700	3.0
1399CM13	38 43 47	112 31 15	2.0	7.00	7.00	.20	700	N	100	500	1.0
1400CM13	38 43 33	112 31 59	2.0	5.00	5.00	.20	700	N	100	500	1.0
1401CM13	38 43 31	112 32 4	1.5	7.00	7.00	.20	700	N	70	300	<1.0
1402CM13	38 43 29	112 32 2	2.0	7.00	15.00	.15	500	N	100	500	<1.0
1403CM13	38 42 35	112 33 14	2.0	7.00	10.00	.10	700	1.0	100	300	<1.0

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
1348CM42	N	N	15	20	20	200	5	70	5	100	N
1350CM43	N	N	7	20	10	70	5	20	5	70	N
1351CM42	N	N	10	20	10	70	<5	30	5	70	N
1352CM42	N	N	7	20	15	100	5	50	10	100	N
1353CM42	N	N	10	20	20	150	5	70	7	70	N
1355CM42	N	N	20	300	10	150	<5	30	20	50	N
1357CM42	N	N	15	70	70	50	<5	<20	20	50	N
1358CM42	N	N	15	100	30	30	<5	<20	15	50	N
1359CM42	N	N	20	100	70	70	5	30	20	70	N
1362CM42	N	N	10	30	20	30	N	<20	15	50	N
1363CM42	N	N	20	150	50	70	5	30	30	50	N
1364CM42	N	N	10	70	20	100	5	50	20	50	N
1365CM42	N	N	15	70	30	70	N	30	20	50	N
1366CM42	N	N	10	20	20	50	N	30	10	70	N
1367CM42	N	N	7	15	10	50	N	20	5	50	N
1370CM13	N	N	15	70	50	70	N	<20	20	50	N
1371CM13	N	N	20	150	20	50	N	30	50	30	N
1373CM42	N	N	10	70	20	50	N	20	20	70	N
1374CM13	N	N	10	70	15	50	N	<20	20	50	N
1375CM13	N	N	10	70	20	50	N	20	20	70	N
1376CM13	N	N	10	70	20	50	N	<20	20	50	N
1377CM13	N	N	10	50	20	50	N	<20	20	70	N
1378CM13	N	N	10	50	15	50	N	<20	20	50	N
1379CM13	N	N	10	70	20	50	N	20	20	70	N
1380CM13	N	N	10	70	20	50	N	20	20	70	N
1384CM13	N	N	10	70	20	50	N	<20	30	50	N
1385CM13	N	N	15	70	20	50	N	<20	30	30	N
1386CM13	N	N	10	70	20	50	N	<20	20	30	N
1387CM13	N	N	15	100	20	50	N	<20	50	30	N
1388CM13	N	N	10	100	15	30	N	20	30	50	N
1389CM13	N	N	10	70	15	50	N	<20	30	30	N
1390CM12	N	N	15	150	20	30	N	N	50	30	N
1391CM13	N	N	10	100	20	50	N	<20	30	50	N
1392CM13	N	N	10	70	30	100	N	20	20	50	N
1393CM13	N	N	10	70	20	30	N	<20	20	70	N
1394CM13	N	N	10	70	20	70	N	<20	30	50	N
1395CM12	N	N	<5	20	5	N	N	<20	5	<10	N
1396CM12	N	N	7	50	15	30	N	N	15	20	N
1397CM12	N	N	7	50	15	30	N	<20	10	30	N
1398CM13	N	N	7	50	15	30	N	N	15	70	N
1399CM13	N	N	7	70	15	20	N	N	15	50	N
1400CM13	N	N	7	50	15	30	N	N	15	30	N
1401CM13	N	N	7	50	5	20	N	N	15	20	N
1402CM13	N	N	10	70	15	N	N	N	15	50	N
1403CM13	N	20	5	70	15	N	N	N	15	500	N

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	S-TH
1348CM42	10	N	200	150	N	70	N	>1,000	N
1350CM43	7	N	150	100	N	50	N	>1,000	N
1351CM42	10	N	200	100	N	50	N	>1,000	N
1352CM42	10	N	200	70	N	70	N	1,000	N
1353CM42	10	N	200	100	N	70	N	700	N
1355CM42	7	N	150	700	N	70	N	>1,000	N
1357CM42	10	N	200	150	N	20	N	500	N
1358CM42	10	N	300	200	N	20	N	1,000	N
1359CM42	15	N	300	200	N	30	N	500	N
1362CM42	10	N	300	100	N	20	N	200	N
1363CM42	10	N	150	300	N	30	N	1,000	N
1364CM42	7	N	300	200	N	50	N	1,000	100
1365CM42	10	N	300	200	N	30	N	500	N
1366CM42	7	N	200	100	N	30	N	300	N
1367CM42	5	N	100	70	N	15	N	150	N
1370CM13	15	N	300	150	N	30	N	200	N
1371CM13	15	N	300	200	N	30	N	300	N
1373CM42	10	N	300	100	N	30	N	300	N
1374CM13	10	N	300	150	N	50	N	300	N
1375CM13	10	N	300	150	N	30	N	500	N
1376CM13	10	N	300	100	N	30	N	300	N
1377CM13	10	N	300	100	N	30	N	300	N
1378CM13	10	N	300	100	N	30	N	300	N
1379CM13	10	N	300	100	N	30	N	200	N
1380CM13	10	N	300	100	N	30	N	500	N
1384CM13	10	N	300	100	N	30	N	200	N
1385CM13	15	N	300	150	N	50	N	300	N
1386CM13	10	N	300	150	N	30	N	200	N
1387CM13	15	N	300	200	N	30	N	200	N
1388CM13	15	N	500	200	N	30	N	300	N
1389CM13	10	N	300	100	N	30	N	300	N
1390CM12	15	N	500	200	N	50	N	200	N
1391CM13	15	N	300	150	N	30	N	200	N
1392CM13	15	N	300	150	N	50	N	200	N
1393CM13	10	N	300	100	N	30	N	200	N
1394CM13	15	N	300	150	N	30	N	300	N
1395CM12	5	N	150	50	N	30	N	700	N
1396CM12	10	N	200	100	N	30	N	200	N
1397CM12	10	N	200	100	N	30	N	1,000	N
1398CM13	10	N	200	100	N	30	N	200	N
1399CM13	7	N	200	100	N	20	N	150	N
1400CM13	10	N	200	100	N	30	N	150	N
1401CM13	5	N	150	100	N	20	N	200	N
1402CM13	5	N	100	100	N	30	N	200	N
1403CM13	5	N	150	100	N	30	N	100	N

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	LATITUDE	LONGITUDE	S-FEX	S-MGX	S-CAZ	S-TIX	S-MN	S-AG	S-B	S-BA	S-BE
1404CM13	38 42 35	112 35 22	2.0	7.00	7.00	.30	700	N	100	500	1.0
1405CM13	38 40 39	112 34 37	1.5	.70	1.50	.30	700	N	150	500	2.0
1406CM13	38 40 24	112 31 17	2.0	1.00	2.00	.30	1,500	N	150	500	2.0
1407CM13	38 40 37	112 33 2	2.0	.70	1.50	.30	700	<.5	150	500	3.0
1408CM42	38 16 12	112 32 55	7.0	3.00	5.00	.50	1,000	N	30	700	1.0
1409CM42	38 17 51	112 32 40	2.0	.50	1.00	.50	1,000	N	100	1,000	3.0
1410CM42	38 21 51	112 33 55	5.0	1.00	1.00	.70	1,000	N	50	700	5.0
1411CM42	38 21 41	112 33 56	3.0	.70	.70	.50	1,000	N	70	700	5.0
1412CM42	38 19 31	112 32 32	3.0	1.00	1.50	.50	1,000	N	70	700	5.0
1414CM42	38 21 45	112 31 19	2.0	.50	.70	.50	1,000	<.5	100	700	7.0
1415CM42	38 21 12	112 32 26	1.5	.50	.70	.50	1,500	N	100	700	7.0
1416CM42	38 22 51	112 31 43	3.0	.70	.70	.50	1,000	N	100	500	5.0
1417CM42	38 22 50	112 31 47	3.0	.70	1.00	.70	1,000	N	70	700	5.0
1418CM42	38 22 49	112 31 49	3.0	.70	.70	.70	1,000	N	100	500	7.0
1419CM42	38 23 34	112 30 40	1.0	.20	.50	.15	1,000	N	50	200	10.0
1420CM42	38 22 34	112 33 48	5.0	1.00	2.00	.70	1,000	N	50	700	3.0
1422CM42	38 24 15	112 33 29	5.0	1.00	.70	.50	1,500	N	100	700	7.0
1424CM42	38 25 46	112 32 31	5.0	1.00	.70	.70	1,000	N	50	700	7.0
1425CM42	38 25 26	112 31 24	1.5	.20	.30	.20	2,000	N	70	200	20.0
1426CM42	38 25 56	112 30 57	1.5	.30	.70	.20	1,500	N	70	200	10.0
1427CM42	38 27 9	112 30 43	1.5	.30	1.00	.20	700	.5	100	200	20.0
1428CM42	38 25 55	112 33 40	7.0	.70	.70	1.00	1,500	N	150	1,000	3.0
1429CM42	38 26 5	112 34 5	5.0	1.00	.70	.50	1,000	N	100	700	5.0
1430CM42	38 25 32	112 35 5	10.0	1.00	.50	.70	2,000	N	70	700	5.0
1431CM42	38 27 5	112 34 16	7.0	1.00	1.00	.70	1,000	N	30	700	1.5
1433CM42	38 28 16	112 34 26	3.0	.70	1.50	.70	1,000	N	30	700	2.0
1435CM13	38 30 25	112 35 43	3.0	1.00	1.50	.70	1,000	N	70	700	3.0
1436CM13	38 30 14	112 34 47	3.0	1.00	1.50	.70	1,500	N	50	700	2.0
1437CM13	38 30 2	112 33 1	5.0	1.00	2.00	.70	700	N	50	700	1.0
1439CM13	38 33 0	112 33 54	3.0	1.00	1.50	1.00	1,000	N	50	700	2.0
1441CM13	38 31 7	112 34 41	5.0	1.00	1.50	.70	1,000	N	30	700	1.5
1444CM13	38 34 29	112 34 8	20.0	.50	1.50	>1.00	1,500	N	20	1,500	1.0
1445CM13	38 34 43	112 34 3	5.0	1.00	1.50	.70	1,500	N	70	700	2.0
1446CM13	38 34 41	112 33 56	2.0	.70	1.00	.50	1,000	N	70	500	3.0
1447CM13	38 34 23	112 32 47	3.0	.70	1.50	.70	1,000	N	70	700	3.0
1448CM13	38 35 43	112 31 32	3.0	.70	1.00	.70	1,000	N	50	700	2.0
1449CM41	38 18 48	112 24 44	1.5	.20	.30	.20	500	N	15	150	3.0
1450CM41	38 19 18	112 21 41	2.0	.70	1.00	.70	1,000	N	30	500	1.5
1451CM41	38 19 19	112 21 41	3.0	1.00	1.50	.50	1,000	N	30	700	1.5
1452CM41	38 19 20	112 21 6	7.0	.70	1.50	.70	1,000	N	20	500	1.5
1453CM41	38 16 2	112 29 17	3.0	1.50	1.50	.50	1,000	N	20	700	5.0
1456CM43	38 12 7	112 37 17	15.0	1.50	2.00	>1.00	2,000	N	20	700	1.0
1457CM43	38 10 24	112 37 31	5.0	1.00	1.50	.70	1,000	N	50	1,000	3.0
1458CM43	38 9 28	112 37 1	3.0	1.00	2.00	.70	1,500	N	70	700	2.0
1459CM43	38 10 39	112 37 21	5.0	1.50	2.00	.70	1,500	N	50	1,000	2.0

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Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
1404CM13	N	N	7	50	15	30	N	<20	15	30	N
1405CM13	N	N	7	50	10	20	N	N	10	20	N
1406CM13	N	N	7	50	20	30	N	N	20	20	N
1407CM13	N	N	10	70	15	20	N	<20	15	50	N
1408CM42	N	N	30	150	70	50	N	N	30	50	N
1409CM42	N	N	10	100	20	50	N	20	30	30	N
1410CM42	N	N	20	100	50	70	N	20	50	50	N
1411CM42	N	N	20	100	50	70	N	20	50	50	N
1412CM42	N	N	15	150	30	70	5	30	50	50	N
1414CM42	N	N	10	30	20	50	7	30	15	50	N
1415CM42	N	N	5	50	20	50	N	30	7	100	N
1416CM42	N	N	15	50	30	100	N	50	20	50	N
1417CM42	N	N	20	100	70	70	N	30	50	30	N
1418CM42	N	N	20	70	50	70	N	30	30	50	N
1419CM42	N	N	<5	15	7	100	N	50	<5	50	N
1420CM42	N	N	20	70	70	70	N	20	50	50	N
1422CM42	N	N	15	50	30	50	5	30	30	50	N
1424CM42	N	N	15	150	50	50	N	30	100	20	N
1425CM42	N	N	<5	10	7	50	N	<20	<5	70	N
1426CM42	N	N	<5	10	10	50	N	70	5	100	N
1427CM42	N	N	5	30	15	70	N	50	10	70	N
1428CM42	N	N	20	100	70	100	N	20	30	50	N
1429CM42	N	N	15	70	50	50	5	20	30	50	N
1430CM42	20	N	20	70	50	50	5	20	30	50	N
1431CM42	N	N	30	200	50	50	N	<20	50	50	N
1433CM42	N	N	20	150	30	50	N	<20	30	30	N
1435CM13	N	N	20	70	20	100	N	<20	30	30	N
1436CM13	N	N	20	100	20	70	N	<20	30	50	N
1437CM13	N	N	20	100	30	70	N	<20	20	50	N
1439CM13	N	N	15	70	20	70	N	<20	30	50	N
1441CM13	N	N	15	100	20	70	N	<20	20	30	N
1444CM13	N	N	30	150	20	100	N	<20	30	50	N
1445CM13	N	N	15	70	20	70	N	<20	20	50	N
1446CM13	N	N	10	50	15	50	N	<20	15	30	N
1447CM13	N	N	10	50	20	50	N	20	15	70	N
1448CM13	N	N	10	50	15	50	N	20	15	50	N
1449CM41	N	N	5	10	10	30	N	N	7	30	N
1450CM41	N	N	10	30	20	20	N	N	10	20	N
1451CM41	N	N	10	30	15	20	N	N	10	50	N
1452CM41	N	N	30	100	15	50	N	<20	20	50	N
1453CM41	N	N	20	70	50	100	N	20	20	50	N
1456CM43	N	N	50	70	20	100	N	N	15	50	N
1457CM43	N	N	20	50	50	100	N	<20	20	50	N
1458CM43	N	N	20	50	20	50	N	<20	15	20	N
1459CM43	N	N	20	50	20	100	N	<20	15	30	N

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	S-TH
1404CM13	10	N	200	150	N	30	N	150	N
1405CM13	10	N	200	70	N	30	N	200	N
1406CM13	10	N	200	150	N	30	N	150	N
1407CM13	10	N	200	100	N	50	N	500	<100
1408CM42	20	N	700	200	N	50	N	150	N
1409CM42	15	N	500	100	N	50	N	500	N
1410CM42	15	N	300	200	N	30	N	300	N
1411CM42	15	N	200	150	N	50	N	300	N
1412CM42	10	N	500	150	N	50	N	300	N
1414CM42	10	N	200	100	N	50	N	300	N
1415CM42	7	N	200	100	N	50	N	300	N
1416CM42	15	N	150	150	N	50	N	200	N
1417CM42	15	N	500	200	N	50	N	200	N
1418CM42	15	N	500	200	N	50	N	200	N
1419CM42	5	N	<100	20	N	70	N	200	N
1420CM42	15	N	500	200	N	50	N	200	N
1422CM42	15	N	200	200	N	30	N	500	N
1424CM42	15	N	200	200	N	50	N	500	N
1425CM42	5	N	100	30	N	50	N	500	N
1426CM42	<5	N	100	30	N	50	N	300	N
1427CM42	5	N	100	70	N	100	N	200	N
1428CM42	15	N	500	200	N	30	N	1,000	N
1429CM42	15	N	500	200	N	30	N	300	N
1430CM42	15	N	200	200	N	30	N	500	N
1431CM42	15	N	500	300	N	30	N	300	N
1433CM42	15	N	500	300	N	30	N	500	N
1435CM13	15	N	700	200	N	50	N	300	N
1436CM13	15	N	700	300	N	30	N	300	N
1437CM13	15	N	700	300	N	30	N	500	N
1439CM13	15	N	500	300	N	30	N	300	N
1441CM13	15	N	700	150	N	50	N	300	N
1444CM13	15	N	700	500	N	30	200	300	N
1445CM13	15	N	500	150	N	50	N	200	N
1446CM13	15	N	500	100	N	30	N	150	N
1447CM13	15	N	500	100	N	30	N	200	N
1448CM13	15	N	500	150	N	30	N	200	N
1449CM41	5	N	150	50	N	30	N	200	N
1450CM41	15	N	500	200	N	20	N	150	N
1451CM41	15	N	500	150	N	30	N	150	N
1452CM41	15	N	500	200	N	30	N	300	N
1453CM41	15	N	500	150	N	50	N	200	N
1456CM43	20	N	700	700	N	30	N	200	N
1457CM43	20	N	700	150	N	50	N	200	N
1458CM43	15	N	500	200	N	30	N	200	N
1459CM43	15	N	700	200	N	50	N	200	N

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	LATITUDE	LONGITUD	S-FEX	S-MG%	S-CAX	S-TIX	S-MN	S-AG	S-B	S-BA	S-BE
1460CM13	38 39 38	112 33 17	1.5	.70	1.50	.30	700	<.5	100	300	1.5
1461CM13	38 38 26	112 33 37	2.0	1.00	1.00	.50	700	<.5	70	500	2.0
1462CM13	38 38 40	112 36 0	5.0	2.00	2.00	1.00	1,500	N	50	1,000	2.0
1464CM13	38 37 58	112 35 23	3.0	1.00	2.00	.70	1,000	N	100	700	1.5
1465CM13	38 36 20	112 33 53	5.0	1.00	1.00	.70	1,500	N	70	1,000	2.0
1466CM13	38 35 49	112 33 16	3.0	.70	1.00	.70	1,000	N	100	1,000	2.0
1467CM13	38 37 21	112 32 13	5.0	2.00	2.00	.50	1,000	<.5	70	700	2.0
1468CM41	38 15 52	112 27 38	5.0	.70	1.00	1.00	1,500	N	70	1,000	5.0
1469CM41	38 17 32	112 26 55	3.0	1.00	1.00	1.00	1,000	N	70	700	5.0
1470CM41	38 18 1	112 26 57	1.0	.30	.50	.30	700	N	50	500	10.0
1471CM41	38 18 7	112 28 5	3.0	.70	1.00	.50	1,000	N	70	1,000	7.0
1473CM41	38 17 4	112 29 8	5.0	.70	1.00	.70	1,000	<.5	70	700	5.0
1474CM41	38 17 16	112 25 15	3.0	.70	1.00	.70	1,500	N	70	1,000	5.0
1476CM41	38 16 22	112 25 43	5.0	1.00	1.50	1.00	1,500	N	50	1,000	1.5
1477CM41	38 18 9	112 23 8	1.5	.20	.70	.15	700	N	70	300	10.0
1478CM41	38 17 29	112 23 52	3.0	1.00	1.00	.50	1,000	N	70	700	5.0
1479CM41	38 17 26	112 23 52	3.0	1.50	1.50	.70	1,000	N	70	1,000	2.0
1480CM41	38 17 33	112 24 0	2.0	.30	1.00	.30	1,000	<.5	70	700	7.0
1482CM41	38 19 42	112 26 1	2.0	.50	.50	.50	700	<.5	50	500	7.0
1483CM43	38 6 56	112 38 58	7.0	1.00	2.00	1.00	1,500	N	30	700	2.0
1485CM43	38 5 0	112 43 3	7.0	1.50	2.00	.70	1,500	N	20	700	1.0
1486CM43	38 3 54	112 42 56	5.0	1.50	3.00	.50	1,000	N	70	700	1.5
1487CM43	38 6 20	112 41 32	5.0	1.00	3.00	.70	1,000	N	70	700	1.5
1488CM43	38 6 10	112 43 17	5.0	1.50	2.00	.70	2,000	N	15	700	1.0
1489CM43	38 6 18	112 43 7	7.0	2.00	2.00	.70	1,500	N	15	700	<1.0
1490CM43	38 6 20	112 43 8	10.0	1.50	3.00	1.00	1,500	N	15	700	1.0
1491CM43	38 9 11	112 40 58	5.0	.70	1.50	.70	1,500	N	20	700	1.0
1492CM43	38 9 15	112 42 36	2.0	.70	2.00	.30	1,000	N	30	700	1.5
1493CM43	38 8 48	112 43 24	3.0	.70	1.00	.50	1,000	N	100	700	2.0
1494CM43	38 8 9	112 38 46	5.0	1.50	2.00	.70	1,500	N	30	700	1.0
1495CM43	38 3 23	112 39 22	15.0	2.00	5.00	1.00	1,500	N	20	700	N
1496CM43	38 0 42	112 40 38	7.0	2.00	5.00	.70	1,500	N	20	700	<1.0
1497CM43	38 9 59	112 43 53	7.0	1.00	2.00	.50	1,000	N	70	700	1.0
1498CM43	38 10 33	112 42 33	5.0	1.00	1.50	.50	1,000	N	50	700	2.0
1499CM43	38 10 11	112 39 10	7.0	.70	1.50	1.00	1,500	N	30	700	2.0
1500CM43	38 5 25	112 39 9	3.0	1.00	1.50	.70	1,500	N	100	700	2.0
1501CM43	38 5 28	112 39 51	5.0	1.00	1.50	.50	1,500	N	50	700	2.0
1505CM42	38 18 59	112 32 58	3.0	.70	1.00	.70	1,500	N	150	700	3.0
1506CM42	38 19 25	112 32 35	5.0	1.00	1.50	.70	1,500	N	70	700	5.0
1508CM42	38 20 14	112 32 42	5.0	1.50	2.00	1.00	1,500	N	50	1,000	5.0
1509CM42	38 21 3	112 33 48	1.5	.20	.30	.20	1,000	N	50	200	7.0
1510CM42	38 21 18	112 34 1	7.0	1.50	1.50	1.00	1,500	N	70	1,000	5.0
1511CM42	38 22 19	112 34 6	7.0	1.50	1.50	1.00	1,000	N	50	700	3.0
1512CM42	38 23 9	112 34 0	7.0	.70	.70	.70	1,500	N	50	700	5.0
1513CM42	38 23 46	112 34 7	3.0	.50	.70	.70	1,000	N	100	700	3.0

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
1460CM13	N	N	7	50	15	20	N	N	20	20	N
1461CM13	N	N	10	50	20	30	N	<20	20	30	N
1462CM13	N	N	30	200	30	70	N	<20	50	30	N
1464CM13	N	N	20	100	20	30	N	<20	20	20	N
1465CM13	N	N	20	150	30	100	N	<20	50	50	N
1466CM13	N	N	10	70	15	70	N	20	15	70	N
1467CM13	N	N	10	150	20	50	N	<20	30	30	N
1468CM41	N	N	20	70	50	100	N	20	30	50	N
1469CM41	N	N	15	70	15	100	N	30	20	50	N
1470CM41	N	N	5	15	10	50	N	30	<5	30	N
1471CM41	N	N	15	100	30	100	N	20	30	50	N
1473CM41	N	N	20	70	50	100	N	20	30	50	N
1474CM41	N	N	20	70	30	100	N	20	30	70	N
1476CM41	N	N	30	100	50	100	N	<20	30	50	N
1477CM41	N	N	<5	10	5	50	N	50	<5	50	N
1478CM41	N	N	10	70	20	70	<5	30	20	70	N
1479CM41	N	N	20	100	50	70	N	<20	30	70	N
1480CM41	N	N	7	30	20	50	5	50	15	70	N
1482CM41	N	N	5	30	15	50	N	30	7	50	N
1483CM43	N	N	30	100	30	30	N	<20	20	30	N
1485CM43	N	N	50	70	50	30	N	N	20	30	N
1486CM43	N	N	20	100	50	20	N	N	20	20	N
1487CM43	N	N	30	100	30	50	N	<20	50	50	N
1488CM43	N	N	30	100	50	30	N	N	15	30	N
1489CM43	N	N	50	100	50	30	N	N	30	30	N
1490CM43	N	N	50	100	50	30	N	N	20	20	N
1491CM43	N	N	30	50	50	50	N	<20	20	30	N
1492CM43	N	N	10	30	15	50	N	N	15	30	N
1493CM43	N	N	15	100	15	50	N	<20	30	50	N
1494CM43	N	N	30	70	50	50	N	<20	20	30	N
1495CM43	N	N	50	150	50	30	N	N	20	50	N
1496CM43	N	N	50	70	30	30	N	N	15	30	N
1497CM43	N	N	30	100	50	50	N	<20	30	50	N
1498CM43	N	N	20	50	20	50	N	<20	15	20	N
1499CM43	N	N	50	100	70	50	N	20	30	30	N
1500CM43	N	N	20	70	50	30	N	N	30	20	N
1501CM43	N	N	20	100	30	30	N	N	20	20	N
1505CM42	N	N	15	100	50	70	N	20	50	70	N
1506CM42	N	N	20	300	50	100	N	20	70	70	N
1508CM42	N	N	30	200	70	70	N	<20	100	50	N
1509CM42	N	N	5	20	10	30	5	50	7	30	N
1510CM42	N	N	20	150	70	50	N	20	30	50	N
1511CM42	N	N	20	150	70	70	N	<20	50	50	N
1512CM42	N	N	15	70	50	50	N	30	20	50	N
1513CM42	N	N	10	50	30	50	5	20	15	50	N

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-SC	S-SN	S-SR	S-SV	S-SW	S-SY	S-SZ	S-ZR	S-TH
1460CM13	5	N	150	70	N	30	N	200	N
1461CM13	15	N	200	100	N	30	N	200	N
1462CM13	20	N	700	300	N	50	N	300	N
1464CM13	15	N	500	200	N	30	N	300	N
1465CM13	15	N	500	200	N	50	N	300	N
1466CM13	15	N	500	150	N	50	N	300	N
1467CM13	10	N	300	150	N	50	N	300	N
1468CM41	15	N	500	200	N	50	N	500	N
1469CM41	15	N	500	150	N	50	N	700	N
1470CM41	7	N	300	30	N	50	N	1,000	N
1471CM41	15	N	500	150	N	50	N	500	N
1473CM41	15	N	500	200	N	50	N	500	N
1474CM41	15	N	500	200	N	50	N	300	N
1476CM41	20	N	700	200	N	50	N	150	N
1477CM41	5	N	150	30	N	50	N	150	N
1478CM41	10	N	500	150	N	50	N	200	N
1479CM41	15	N	500	200	N	50	N	200	N
1480CM41	10	N	500	100	N	50	N	150	N
1482CM41	7	N	300	100	N	50	N	200	N
1483CM43	15	N	500	500	N	30	<200	200	N
1485CM43	15	N	700	500	N	30	<200	150	N
1486CM43	15	N	700	300	N	30	N	200	N
1487CM43	20	N	500	500	N	30	N	200	N
1488CM43	15	N	700	500	N	30	<200	150	N
1489CM43	20	N	700	500	N	30	<200	70	N
1490CM43	20	N	700	700	N	30	300	150	N
1491CM43	10	N	700	300	N	30	<200	150	N
1492CM43	10	N	700	150	N	30	N	100	N
1493CM43	10	N	300	200	N	30	N	200	N
1494CM43	20	N	700	500	N	30	N	200	N
1495CM43	20	N	700	700	N	30	N	200	N
1496CM43	20	N	1,000	500	N	30	N	100	N
1497CM43	15	N	500	300	N	30	N	200	N
1498CM43	15	N	700	200	N	30	N	300	N
1499CM43	15	N	700	500	N	30	300	500	N
1500CM43	15	N	500	300	N	30	N	200	N
1501CM43	15	N	500	300	N	50	N	500	N
1505CM42	15	N	300	200	N	70	N	1,000	N
1506CM42	15	N	500	200	N	50	N	500	N
1508CM42	20	N	500	300	N	50	N	200	N
1509CM42	5	N	<100	100	N	30	N	300	N
1510CM42	15	N	300	200	N	30	N	500	N
1511CM42	15	N	500	200	N	30	N	300	N
1512CM42	10	N	200	150	N	30	N	300	N
1513CM42	10	N	200	150	N	30	N	300	N

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	LATITUDE	LONGITUD	S-FEX	S-MGX	S-CAZ	S-TIX	S-MN	S-AG	S-B	S-BA	S-BE
1514CM42	38 24 11	112 33 26	3.0	.30	.30	.50	1,500	N	100	500	10.0
1515CM42	38 24 18	112 34 10	7.0	1.00	1.00	1.00	1,000	N	70	1,000	2.0
1516CM42	38 20 51	112 32 45	5.0	.70	1.00	.70	1,000	N	100	700	7.0
1517CM42	38 21 2	112 32 35	3.0	.50	.30	.70	1,000	N	70	700	7.0
1518CM42	38 21 42	112 32 3	3.0	.70	.70	.70	1,500	N	70	700	7.0
1519CM42	38 22 30	112 31 20	1.0	.30	.70	.20	1,500	N	70	300	20.0
1520CM42	38 21 36	112 31 43	5.0	.70	1.00	.70	1,000	N	70	700	7.0
1521CM42	38 22 13	112 30 55	3.0	.70	.50	.70	1,000	<.5	70	700	7.0
1522CM42	38 22 28	112 30 36	2.0	.50	.50	.50	700	N	70	700	5.0
1523CM41	38 22 54	112 29 37	2.0	.50	.30	.70	700	<.5	50	300	10.0
1524CM41	38 22 52	112 29 38	1.5	.30	.30	.70	200	<.5	100	500	5.0
1525CM42	38 22 45	112 30 19	2.0	.30	.50	.50	700	<.5	100	700	5.0
1526CM42	38 23 0	112 30 58	1.0	.20	.50	.20	1,500	N	50	300	10.0
1527CM42	38 23 7	112 31 6	1.0	.20	.70	.20	2,000	N	50	300	10.0
1528CM42	38 23 44	112 30 15	.7	.20	.30	.20	1,500	<.5	50	200	10.0
1529CM41	38 23 43	112 29 39	.7	.20	.30	.15	2,000	<.5	20	150	7.0
1531CM42	38 23 27	112 30 33	1.5	.30	.70	.20	1,000	<.5	70	300	7.0
1532CM41	38 24 1	112 29 14	1.0	.20	.50	.15	1,000	<.5	30	150	15.0
1533CM41	38 23 56	112 29 13	1.0	.15	.15	.15	1,000	N	30	70	30.0
1534CM41	38 23 59	112 29 3	1.5	.10	.07	.15	>5,000	N	30	150	30.0
1535CM41	38 24 56	112 29 41	.7	.15	.20	.15	700	N	30	100	7.0
1536CM41	38 25 1	112 29 28	1.0	.15	.20	.10	>5,000	N	30	100	30.0
1537CM41	38 25 13	112 29 10	1.0	.15	.15	.10	1,500	N	30	70	15.0
1539CM41	38 25 20	112 28 50	.7	.15	.20	.20	1,000	N	30	150	10.0
1540CM41	38 25 40	112 29 3	1.0	.20	.20	.15	1,000	N	50	150	10.0
1541CM41	38 25 34	112 29 4	.7	.15	.15	.15	700	N	30	70	10.0
1543CM41	38 25 9	112 29 57	1.5	.30	.50	.30	1,500	N	70	300	7.0
1544CM41	38 25 17	112 28 12	1.0	.30	.70	.30	2,000	<.5	70	200	20.0
1545CM41	38 25 21	112 28 12	1.5	.15	.30	.10	3,000	N	50	150	10.0
1547CM41	38 25 49	112 28 37	1.0	.30	.50	.30	1,500	N	70	300	10.0
1548CM41	38 25 52	112 28 21	1.5	.50	.70	.30	1,500	N	70	500	7.0
1550CM41	38 25 48	112 28 17	.7	.10	.15	.07	700	N	50	70	20.0
1551CM41	38 26 18	112 28 42	1.0	.20	.30	.20	500	N	200	200	10.0
1552CM41	38 26 36	112 29 15	.7	.20	.10	.10	500	<.5	30	50	10.0
1553CM42	38 24 57	112 30 3	1.0	.30	.50	.30	1,500	<.5	50	200	20.0
1554CM42	38 25 6	112 30 21	1.0	.30	.50	.30	1,500	<.5	50	200	30.0
1555CM42	38 25 24	112 30 23	1.0	.30	.50	.30	1,000	<.5	50	200	10.0
1556CM42	38 25 11	112 30 31	1.0	.20	.20	.15	1,000	N	20	70	15.0
1557CM42	38 25 42	112 30 55	.7	.15	.30	.15	500	<.5	30	100	15.0
1558CM42	38 27 10	112 30 35	2.0	.30	.30	.50	1,000	N	50	150	30.0
1559CM42	38 26 55	112 30 42	1.5	.15	.20	.20	1,000	N	50	150	10.0
1561CM42	38 26 34	112 31 22	2.0	.70	.70	.50	1,000	N	50	500	7.0
1562CM42	38 25 38	112 32 34	2.0	.50	.50	.50	1,000	N	70	500	10.0
1563CM42	38 26 0	112 33 26	3.0	.70	.70	.70	1,000	<.5	50	700	5.0
1564CM42	38 25 11	112 34 52	5.0	.70	.50	.70	1,000	<.5	70	700	3.0

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
1514CM42	N	N	15	70	30	50	<5	50	50	50	N
1515CM42	N	N	15	100	50	70	10	30	30	50	N
1516CM42	N	N	15	70	50	70	5	20	30	50	N
1517CM42	N	N	7	20	15	50	7	30	5	50	N
1518CM42	N	N	20	70	50	70	N	20	50	50	N
1519CM42	N	N	5	30	10	50	N	50	10	100	N
1520CM42	N	N	15	70	50	50	5	20	20	20	N
1521CM42	N	N	20	50	50	70	5	30	50	50	N
1522CM42	N	N	10	30	30	100	10	30	20	50	N
1523CM41	N	N	7	30	20	50	N	30	15	30	N
1524CM41	N	N	<5	15	20	70	7	50	5	100	N
1525CM42	N	N	15	30	30	70	5	30	20	30	N
1526CM42	N	N	<5	20	10	50	N	50	7	50	N
1527CM42	N	N	<5	10	15	30	N	30	5	70	N
1528CM42	N	N	<5	15	10	100	N	50	7	70	N
1529CM41	N	N	N	10	10	50	5	50	5	100	N
1531CM42	N	N	5	20	10	50	N	50	7	50	N
1532CM41	N	N	<5	15	10	70	N	30	5	70	N
1533CM41	N	N	<5	<10	7	150	5	50	<5	70	N
1534CM41	N	N	5	<10	5	150	30	50	5	70	N
1535CM41	N	N	<5	10	<5	30	5	50	<5	50	N
1536CM41	N	N	<5	<10	<5	100	20	50	<5	50	N
1537CM41	N	N	<5	<10	<5	70	5	50	<5	50	N
1539CM41	N	N	<5	10	5	50	N	50	<5	20	N
1540CM41	N	N	<5	10	<5	30	N	70	<5	70	N
1541CM41	N	N	N	<10	N	50	N	50	<5	50	N
1543CM41	N	N	5	30	10	30	N	50	5	50	N
1544CM41	N	N	<5	20	10	100	N	50	5	70	N
1545CM41	N	N	<5	15	7	150	20	50	<5	70	N
1547CM41	N	N	5	15	10	50	N	50	<5	70	N
1548CM41	N	N	5	50	10	20	N	50	10	100	N
1550CM41	N	N	N	<10	<5	50	N	30	<5	30	N
1551CM41	N	N	<5	15	5	20	N	30	<5	30	N
1552CM41	N	N	N	N	N	70	N	50	<5	100	N
1553CM42	N	N	<5	20	10	150	N	50	5	100	N
1554CM42	N	N	5	15	10	150	N	50	5	100	N
1555CM42	N	N	N	15	7	30	N	70	5	70	N
1556CM42	N	N	N	<10	N	70	N	50	N	50	N
1557CM42	N	N	N	10	5	30	N	50	<5	70	N
1558CM42	N	N	<5	15	5	70	N	70	<5	70	N
1559CM42	N	N	<5	15	<5	50	N	70	<5	50	N
1561CM42	N	N	10	70	20	50	N	50	30	70	N
1562CM42	N	N	10	30	20	70	N	30	15	50	N
1563CM42	N	N	15	50	50	100	5	20	20	50	N
1564CM42	N	N	15	70	30	50	N	20	20	50	N

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	S-TH
1514CM42	5	N	150	100	N	50	N	500	N
1515CM42	15	N	500	300	N	50	N	700	N
1516CM42	10	N	300	150	N	30	N	500	N
1517CM42	5	N	<100	150	N	30	N	700	N
1518CM42	15	N	500	150	N	50	N	200	N
1519CM42	5	N	300	50	N	30	N	200	N
1520CM42	10	N	200	200	N	30	N	500	N
1521CM42	15	N	150	150	N	50	N	500	N
1522CM42	10	N	500	150	N	30	N	200	N
1523CM41	10	N	200	150	N	50	N	200	N
1524CM41	10	N	200	100	N	30	N	700	N
1525CM42	10	N	200	100	N	50	N	500	N
1526CM42	7	N	100	30	N	50	N	200	N
1527CM42	5	N	100	30	N	30	N	150	N
1528CM42	7	N	150	30	N	70	N	200	N
1529CM41	7	N	100	20	N	50	300	150	N
1531CM42	5	N	100	30	N	50	<200	150	N
1532CM41	5	N	<100	30	N	100	N	200	N
1533CM41	<5	N	N	15	N	150	N	500	N
1534CM41	5	N	N	15	N	100	700	200	N
1535CM41	<5	N	N	20	N	30	N	200	N
1536CM41	<5	N	N	15	N	70	500	700	N
1537CM41	<5	N	N	15	N	70	N	200	N
1539CM41	<5	N	<100	20	N	50	N	200	N
1540CM41	<5	N	N	20	N	50	N	300	N
1541CM41	<5	N	N	<10	N	50	N	200	N
1543CM41	5	N	100	50	N	50	N	200	N
1544CM41	5	N	100	30	N	150	N	200	N
1545CM41	<5	N	N	30	N	150	200	500	N
1547CM41	5	N	150	50	N	50	N	500	N
1548CM41	5	N	150	70	N	30	N	200	N
1550CM41	<5	N	N	15	N	50	N	150	N
1551CM41	5	N	100	30	N	30	N	200	N
1552CM41	<5	N	N	10	N	50	N	150	N
1553CM42	7	N	<100	30	N	100	N	300	N
1554CM42	7	N	<100	30	N	100	N	300	N
1555CM42	5	N	100	30	N	70	N	200	N
1556CM42	5	N	N	10	N	50	N	200	N
1557CM42	5	N	N	20	N	30	N	200	N
1558CM42	<5	N	N	30	N	70	N	700	N
1559CM42	5	N	<100	30	N	50	N	300	N
1561CM42	10	N	200	150	N	50	N	200	N
1562CM42	10	N	200	150	N	50	N	500	N
1563CM42	15	N	300	200	N	50	N	200	N
1564CM42	15	N	300	200	N	30	N	300	N

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	LATITUDE	LONGITUD	S-FEX	S-MGZ	S-CAK	S-TIX	S-MN	S-AG	S-B	S-BA	S-BE
1565CM42	38 24 42	112 34 51	5.0	.50	.70	.70	1,000	N	70	700	2.0
1566CM42	38 27 4	112 34 42	5.0	.70	.70	1.00	1,000	N	30	700	3.0
1567CM42	38 27 7	112 34 18	5.0	1.00	1.50	1.00	1,000	N	20	700	2.0
1568CM42	38 26 54	112 34 1	3.0	1.00	.70	.50	1,500	<.5	50	1,000	2.0
1569CM42	38 26 59	112 33 35	5.0	1.00	.70	.70	1,000	N	70	1,000	1.0
1570CM42	38 27 7	112 33 9	3.0	.70	.70	.70	1,000	N	50	1,000	1.5
1571CM42	38 27 27	112 32 22	5.0	.50	.50	.50	700	N	15	200	1.5
1572CM42	38 27 24	112 32 21	3.0	.70	.70	.70	1,000	N	50	700	2.0
1573CM42	38 27 23	112 32 36	5.0	1.00	1.00	.50	1,000	N	30	700	2.0
1575CM42	38 27 49	112 34 43	5.0	.70	1.00	.70	1,000	N	50	700	3.0
1580CM41	38 23 26	112 23 2	2.0	1.00	1.00	.30	700	N	20	700	3.0
1582CM41	38 25 28	112 23 56	1.5	.20	.15	.15	5,000	N	50	100	20.0
1583CM41	38 25 6	112 23 14	2.0	.70	.30	.30	2,000	N	20	300	7.0
1584CM41	38 24 54	112 23 22	1.5	.20	.10	.15	5,000	N	20	100	15.0
1585CM41	38 24 52	112 23 20	1.5	.50	.20	.30	1,000	N	20	300	10.0
1586CM41	38 25 41	112 23 20	1.0	.20	.30	.20	1,000	N	30	200	5.0
1587CM41	38 25 38	112 23 38	1.0	.30	.50	.20	700	.7	50	200	10.0
1588CM41	38 25 53	112 22 56	1.0	.30	.70	.20	1,000	N	30	300	7.0
1590CM41	38 26 2	112 22 25	5.0	1.00	.70	.50	1,000	N	30	700	3.0
1591CM41	38 25 46	112 22 42	3.0	1.50	1.00	.50	1,000	N	30	700	7.0
1592CM42	38 16 52	112 34 4	2.0	1.50	1.50	.30	1,000	N	70	500	3.0
1593CM42	38 16 22	112 33 27	3.0	1.00	1.50	.50	1,500	N	70	700	2.0
1594CM41	38 27 31	112 15 45	2.0	.50	.70	.20	1,500	N	70	200	10.0
1595CM41	38 27 30	112 17 17	1.5	.50	.50	.30	1,000	N	70	200	7.0
1596CM41	38 27 31	112 21 8	3.0	1.50	2.00	.70	1,000	.7	15	700	5.0
1598CM41	38 29 15	112 19 54	3.0	.70	.70	.70	1,000	N	70	700	10.0
1601CM43	38 10 14	112 45 40	7.0	2.00	2.00	.70	1,500	N	30	500	<1.0
1604CM43	38 10 8	112 46 26	15.0	2.00	3.00	>1.00	2,000	N	30	1,000	<1.0
1605CM43	38 12 32	112 51 57	20.0	2.00	1.50	>1.00	3,000	N	20	700	<1.0
1606CM43	38 12 38	112 52 48	10.0	2.00	5.00	1.00	1,500	N	30	1,000	1.0
1611CM11	38 58 42	112 3 31	1.0	1.00	5.00	.15	300	N	70	150	1.5
1612CM11	38 58 41	112 3 37	.7	1.00	3.00	.20	200	N	50	100	1.5
1613CM12	38 58 56	112 3 39	1.0	1.00	3.00	.10	300	N	70	150	1.0
1614CM11	38 58 57	112 5 32	1.0	.70	2.00	.15	300	N	100	200	1.5
1615CM11	38 58 14	112 6 11	1.0	1.00	2.00	.20	500	N	70	150	2.0
1618CM11	38 54 7	112 8 4	1.0	1.00	10.00	.15	500	<.5	70	150	1.0
1619CM11	38 56 31	112 2 38	.5	1.50	7.00	.10	300	N	70	100	1.0
1620CM11	38 52 50	112 8 34	.5	.70	10.00	.10	300	N	50	150	1.0
1621CM11	38 52 37	112 8 40	.5	.70	7.00	.15	500	N	70	100	1.0
1622CM11	38 53 3	112 8 36	.7	.70	5.00	.15	300	N	30	100	1.0
1624CM11	38 56 10	112 13 53	1.0	.50	.50	.30	500	N	100	500	1.5
1627CM11	38 55 42	112 12 27	2.0	5.00	7.00	.20	1,000	N	70	500	1.5
1629CM11	38 55 27	112 13 4	2.0	.50	.70	.50	700	N	150	700	2.0
1632CM14	38 59 6	112 13 50	3.0	.50	.70	.50	1,000	N	100	700	3.0
1633CM11	38 47 19	112 5 52	.7	5.00	15.00	.15	300	N	70	300	1.0

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
1565CM42	N	N	10	70	20	50	N	20	20	30	N
1566CM42	N	N	20	100	30	50	N	20	30	30	N
1567CM42	N	N	30	150	30	50	N	<20	50	30	N
1568CM42	N	N	20	70	30	50	5	N	15	70	N
1569CM42	N	N	20	100	50	50	N	<20	30	50	N
1570CM42	N	N	20	70	30	50	N	N	30	15	N
1571CM42	N	N	20	70	20	30	N	N	15	15	N
1572CM42	N	N	20	70	30	50	N	<20	50	50	N
1573CM42	N	N	20	70	30	50	N	<20	30	30	N
1575CM42	N	N	20	150	50	50	N	<20	50	50	N
1580CM41	N	N	10	50	20	30	N	N	20	20	N
1582CM41	N	N	<5	10	10	100	20	50	5	100	N
1583CM41	N	N	10	30	20	70	N	30	15	70	N
1584CM41	N	N	<5	<10	5	100	15	70	<5	150	N
1585CM41	N	N	7	20	15	50	N	30	10	50	N
1586CM41	N	N	<5	15	15	70	N	50	7	100	N
1587CM41	N	N	5	15	15	500	7	30	10	100	N
1588CM41	N	N	5	30	15	70	<5	50	10	100	N
1590CM41	N	N	20	70	50	70	N	20	30	70	N
1591CM41	N	N	15	100	50	70	N	20	50	50	N
1592CM42	N	N	10	70	20	150	N	<20	20	100	N
1593CM42	N	N	20	70	30	50	N	<20	30	70	N
1594CM41	N	N	5	15	10	50	N	70	5	70	N
1595CM41	N	N	7	30	15	50	N	30	10	70	N
1596CM41	N	N	15	150	70	70	N	20	50	50	N
1598CM41	N	N	15	100	50	70	N	30	30	100	N
1601CM43	N	N	30	100	30	20	N	N	15	30	N
1604CM43	N	N	50	500	50	20	N	<20	50	30	N
1605CM43	N	N	50	500	50	70	N	<20	50	70	N
1606CM43	N	N	30	150	50	50	N	<20	50	50	N
1611CM11	N	N	5	30	7	N	N	N	15	10	N
1612CM11	N	N	<5	20	5	N	N	N	15	10	N
1613CM12	N	N	5	20	7	N	N	N	15	10	N
1614CM11	N	N	5	20	7	N	N	N	15	10	N
1615CM11	N	N	5	30	10	20	N	N	20	20	N
1618CM11	N	N	5	30	10	20	N	N	15	15	N
1619CM11	N	N	5	30	7	N	N	N	15	15	N
1620CM11	N	N	<5	30	5	N	N	N	7	10	N
1621CM11	N	N	<5	20	10	N	N	N	15	10	N
1622CM11	N	N	<5	20	10	N	N	N	15	10	N
1624CM11	N	N	7	30	15	20	N	N	20	15	N
1627CM11	N	N	7	50	15	20	N	N	15	70	N
1629CM11	N	N	10	50	20	50	N	<20	20	30	N
1632CM14	N	N	15	70	30	50	N	<20	30	30	N
1633CM11	N	N	5	30	10	20	N	N	7	15	N

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Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	S-TH
1565CM42	15	N	500	150	N	30	N	200	N
1566CM42	10	N	700	200	N	30	N	700	N
1567CM42	15	N	700	200	N	30	N	500	N
1568CM42	15	N	300	200	N	30	N	200	N
1569CM42	15	N	200	200	N	30	N	500	N
1570CM42	15	N	300	200	N	30	N	200	N
1571CM42	15	N	300	150	N	20	N	200	N
1572CM42	15	N	500	200	N	30	N	300	N
1573CM42	15	N	500	200	N	30	N	150	N
1575CM42	15	N	500	200	N	30	N	200	N
1580CM41	10	N	500	100	N	20	N	150	N
1582CM41	5	N	<100	30	N	70	300	200	N
1583CM41	10	N	300	150	N	30	N	150	N
1584CM41	5	N	N	20	N	70	<200	200	N
1585CM41	7	N	150	100	N	30	N	200	N
1586CM41	7	N	100	50	N	30	N	150	N
1587CM41	5	N	100	50	N	150	N	200	N
1588CM41	5	N	150	100	N	30	N	200	N
1590CM41	15	N	500	200	N	50	N	200	N
1591CM41	15	N	300	200	N	30	N	200	N
1592CM42	15	N	500	150	N	70	N	300	N
1593CM42	15	N	500	150	N	50	N	200	N
1594CM41	10	N	150	70	N	50	N	500	N
1595CM41	10	N	200	100	N	30	N	500	N
1596CM41	15	N	300	200	N	30	N	300	N
1598CM41	15	N	300	150	N	50	N	200	N
1601CM43	15	N	500	300	N	20	N	200	N
1604CM43	20	N	500	1,000	N	20	500	200	N
1605CM43	20	N	300	1,000	N	50	200	500	N
1606CM43	15	N	500	300	N	30	N	300	N
1611CM11	5	N	150	50	N	20	N	150	N
1612CM11	5	N	100	30	N	20	N	150	N
1613CM12	5	N	100	30	N	20	N	200	N
1614CM11	5	N	100	30	N	20	N	150	N
1615CM11	7	N	150	50	N	20	N	300	N
1618CM11	5	N	200	30	N	20	N	200	N
1619CM11	5	N	100	30	N	15	N	150	N
1620CM11	<5	N	100	20	N	20	N	300	N
1621CM11	5	N	100	30	N	30	N	150	N
1622CM11	5	N	100	30	N	20	N	150	N
1624CM11	5	N	100	70	N	30	N	500	N
1627CM11	7	N	100	100	N	20	N	100	N
1629CM11	10	N	200	100	N	70	N	500	N
1632CM14	10	N	200	150	N	50	N	700	N
1633CM11	5	N	200	50	N	30	N	200	N

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	LATITUDE	LONGITUD	S-FEX	S-MGX	S-CAZ	S-TIX	S-MN	S-AG	S-B	S-BA	S-BE
1634CM11	38 47 18	112 5 41	1.0	3.00	15.00	.20	500	N	100	300	1.0
1635CM11	38 47 21	112 5 40	1.0	5.00	15.00	.15	300	N	70	300	<1.0
1636CM11	38 48 4	112 4 0	1.0	2.00	10.00	.20	500	N	70	700	1.0
1637CM11	38 48 15	112 3 55	1.5	5.00	7.00	.20	500	N	100	700	1.0
1638CM11	38 51 29	112 1 16	1.0	3.00	10.00	.20	500	N	70	1,000	<1.0
1639CM11	38 52 1	112 1 14	.5	2.00	7.00	.15	300	N	50	200	1.0
1640CM11	38 45 34	112 6 37	5.0	1.50	3.00	.70	1,500	N	50	500	2.0
1642CM11	38 46 53	112 9 23	1.0	3.00	15.00	.15	500	N	70	500	1.0
1643CM11	38 47 23	112 8 29	1.0	5.00	15.00	.15	500	N	100	500	<1.0
1644CM11	38 45 15	112 13 56	2.0	2.00	5.00	.30	700	N	150	500	3.0
1645CM11	38 45 7	112 13 58	2.0	1.50	3.00	.50	700	N	100	500	3.0
1646CM11	38 45 7	112 13 53	2.0	1.50	2.00	.50	700	N	100	500	3.0
1647CM11	38 47 9	112 11 58	1.5	2.00	7.00	.30	700	N	100	300	2.0
1648CM11	38 48 52	112 13 20	1.5	1.00	2.00	.50	700	N	100	200	2.0
1653CM14	38 44 33	112 6 52	5.0	2.00	5.00	.70	1,500	N	30	1,500	1.5
1654CM14	38 41 16	112 10 49	5.0	1.50	7.00	.50	1,500	N	100	1,000	1.5
1655CM14	38 42 46	112 11 4	5.0	1.50	2.00	.50	1,500	N	50	1,000	2.0
1657CM14	38 43 35	112 12 25	7.0	1.50	3.00	1.00	1,500	N	50	1,500	1.5
1660CM14	38 43 42	112 14 20	2.0	1.00	2.00	.50	700	N	100	700	1.0
1661CM14	38 44 39	112 14 15	3.0	1.50	5.00	.50	1,000	N	150	700	3.0
1662CM14	38 42 40	112 8 45	2.0	1.50	5.00	.50	1,000	N	20	1,000	3.0
1663CM14	38 43 35	112 9 17	2.0	1.50	3.00	.50	1,000	N	70	700	3.0
1664CM14	38 44 24	112 9 17	1.5	1.50	7.00	.30	700	N	100	700	1.0
1666CM14	38 40 48	112 12 13	3.0	1.50	2.00	.50	1,000	N	100	700	7.0
1667CM14	38 41 56	112 13 56	3.0	1.00	1.00	.50	1,000	N	100	700	3.0
1668CM14	38 34 3	112 7 41	3.0	1.00	1.00	.70	1,500	N	100	1,000	5.0
1670CM14	38 36 55	112 9 47	5.0	1.00	2.00	1.00	1,500	N	100	1,000	3.0
1671CM14	38 35 52	112 10 52	7.0	1.50	3.00	1.00	2,000	N	100	700	5.0
1672CM14	38 33 28	112 11 4	5.0	1.00	1.50	.70	1,500	N	100	700	5.0
1673CM14	38 32 6	112 8 15	3.0	.70	1.00	.70	1,500	N	70	1,000	5.0
1674CM14	38 30 53	112 8 29	5.0	1.00	1.50	.70	3,000	N	100	1,500	3.0
1675CM14	38 30 56	112 10 31	3.0	.70	.70	.70	1,000	N	50	700	5.0
1676CM14	38 31 11	112 11 52	7.0	1.00	1.00	1.00	1,500	N	100	700	3.0
1677CM14	38 30 20	112 14 3	7.0	1.50	1.50	1.00	1,500	N	100	700	3.0
1678CM14	38 32 13	112 14 34	7.0	2.00	1.50	.70	2,000	N	50	1,000	1.5
1679CM14	38 32 18	112 12 44	3.0	.70	.70	.70	1,000	N	100	1,000	2.0
1680CM14	38 34 10	112 13 34	7.0	1.00	2.00	.70	1,500	N	15	700	1.0
1681CM14	38 35 55	112 13 19	10.0	2.00	3.00	1.00	1,500	N	30	1,000	1.0
1682CM14	38 34 48	112 14 52	7.0	2.00	2.00	.70	1,500	N	10	700	2.0
1683CM14	38 34 47	112 14 55	5.0	1.50	2.00	.70	1,500	N	15	700	2.0
1684CM14	38 34 44	112 14 56	5.0	1.50	2.00	.70	1,500	N	15	700	2.0
1685CM14	38 35 59	112 15 29	2.0	.70	1.50	.30	700	N	70	300	3.0
1686CM14	38 36 18	112 16 53	3.0	.70	1.50	.50	1,000	N	70	200	5.0
1687CM14	38 37 48	112 15 14	3.0	1.00	2.00	.50	1,500	N	100	1,000	3.0
1689CM14	38 40 15	112 16 10	7.0	1.50	2.00	.70	2,000	N	70	700	2.0

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
1634CM11	N	N	7	30	15	20	N	N	15	70	N
1635CM11	N	N	5	30	10	N	N	N	10	20	N
1636CM11	N	N	5	50	15	20	N	N	15	30	N
1637CM11	N	N	5	50	15	50	N	N	15	30	N
1638CM11	N	N	5	20	15	N	N	N	10	15	N
1639CM11	N	N	5	20	10	N	N	N	10	10	N
1640CM11	N	N	20	100	20	100	N	<20	50	50	N
1642CM11	N	N	5	30	10	20	N	N	10	20	N
1643CM11	N	N	5	50	15	20	N	N	15	30	N
1644CM11	N	N	7	50	15	50	N	N	20	50	N
1645CM11	N	N	7	50	15	30	N	N	20	50	N
1646CM11	N	N	7	50	15	30	N	N	15	50	N
1647CM11	N	N	5	50	15	20	N	N	15	30	N
1648CM11	N	N	7	30	15	20	N	N	15	20	N
1653CM14	N	N	20	150	20	100	N	<20	50	70	N
1654CM14	N	N	15	100	20	70	N	<20	20	70	N
1655CM14	N	N	20	200	30	70	N	<20	30	70	N
1657CM14	N	N	20	200	20	70	N	<20	30	50	N
1660CM14	N	N	7	100	20	100	N	<20	15	20	N
1661CM14	N	N	7	70	20	30	N	<20	20	50	N
1662CM14	N	N	10	70	10	100	N	N	20	30	N
1663CM14	N	N	15	70	15	100	N	<20	30	50	N
1664CM14	N	N	7	70	15	30	N	N	20	30	N
1666CM14	N	N	15	30	50	70	N	<20	20	50	N
1667CM14	N	N	20	50	30	70	N	<20	30	50	N
1668CM14	N	N	15	30	50	70	N	20	15	70	N
1670CM14	N	N	10	100	30	50	N	20	15	50	N
1671CM14	N	N	10	70	30	50	N	20	20	70	N
1672CM14	N	N	7	70	20	50	N	20	15	50	N
1673CM14	N	N	5	15	20	70	N	<20	5	30	N
1674CM14	N	N	10	70	50	50	N	<20	15	100	N
1675CM14	N	N	7	50	30	30	N	<20	15	15	N
1676CM14	N	N	10	150	50	70	N	20	30	70	N
1677CM14	N	N	20	70	70	100	7	20	50	50	N
1678CM14	N	N	20	50	50	50	N	<20	20	20	N
1679CM14	N	N	5	70	30	50	N	<20	15	70	N
1680CM14	N	N	20	20	15	50	N	N	15	15	N
1681CM14	N	N	50	150	30	50	N	N	50	50	N
1682CM14	N	N	50	50	30	70	N	<20	30	30	N
1683CM14	N	N	30	50	30	70	N	<20	30	30	N
1684CM14	N	N	30	70	30	70	N	<20	30	30	N
1685CM14	N	N	10	50	15	50	N	<20	15	30	N
1686CM14	N	N	10	50	15	70	N	30	15	50	N
1687CM14	N	N	15	70	50	70	N	<20	20	50	N
1689CM14	N	N	20	100	50	50	N	<20	30	50	N

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	S-TH
1634CM11	7	N	300	70	N	20	N	150	N
1635CM11	5	N	300	70	N	20	N	100	N
1636CM11	5	N	300	100	N	20	N	150	N
1637CM11	7	N	500	100	N	30	N	200	N
1638CM11	5	N	300	50	N	30	N	150	N
1639CM11	5	N	200	30	N	20	N	100	N
1640CM11	15	N	700	200	N	50	N	200	N
1642CM11	7	N	300	50	N	20	N	300	N
1643CM11	7	N	300	100	N	20	N	150	N
1644CM11	15	N	200	100	N	50	N	500	N
1645CM11	10	N	200	70	N	30	N	200	N
1646CM11	15	N	200	100	N	50	N	500	N
1647CM11	10	N	200	70	N	30	N	500	N
1648CM11	10	N	100	70	N	30	N	700	N
1653CM14	20	N	700	150	N	50	N	300	N
1654CM14	15	N	500	150	N	50	N	200	N
1655CM14	15	N	500	200	N	30	N	150	N
1657CM14	20	N	700	200	N	50	N	300	N
1660CM14	10	N	200	100	N	30	N	500	N
1661CM14	10	N	150	100	N	30	N	150	N
1662CM14	15	20	700	150	N	50	N	200	N
1663CM14	15	N	700	200	N	50	N	500	N
1664CM14	10	N	500	150	N	30	N	500	N
1666CM14	15	N	500	200	N	30	N	200	N
1667CM14	15	N	300	200	N	50	N	200	N
1668CM14	15	N	300	200	N	30	N	300	N
1670CM14	10	N	700	200	N	30	N	500	N
1671CM14	10	N	500	200	N	30	N	700	N
1672CM14	10	N	500	150	N	30	N	300	N
1673CM14	15	N	500	100	N	30	N	500	N
1674CM14	10	N	500	100	N	30	N	500	N
1675CM14	10	N	500	100	N	20	N	500	N
1676CM14	15	N	300	200	N	30	N	500	N
1677CM14	15	N	500	200	N	50	N	500	N
1678CM14	20	N	700	200	N	50	N	150	N
1679CM14	10	N	500	100	N	30	N	200	N
1680CM14	15	N	1,000	200	N	30	N	150	N
1681CM14	20	N	1,000	700	N	30	N	200	N
1682CM14	20	N	1,000	300	N	30	N	100	N
1683CM14	15	N	1,000	300	N	30	N	100	N
1684CM14	15	N	1,000	300	N	30	N	150	N
1685CM14	10	N	300	150	N	20	N	150	N
1686CM14	10	N	200	200	N	20	N	300	N
1687CM14	15	N	700	150	N	30	N	300	N
1689CM14	15	N	700	200	N	50	N	200	N

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	LATITUDE	LONGITUD	S-FEX	S-MG%	S-CA%	S-TIX	S-MN	S-AG	S-B	S-BA	S-BE
1690CM14	38 43 44	112 15 39	1.0	1.00	3.00	.20	500	N	70	150	1.5
1691CM14	38 43 25	112 16 4	1.0	1.00	2.00	.20	500	N	70	150	1.5
1693CM14	38 43 21	112 18 18	1.5	.30	.50	.30	1,000	N	100	500	2.0
1694CM14	38 43 23	112 18 16	1.5	.30	.70	.30	700	N	100	500	2.0
1695CM14	38 43 29	112 18 44	1.0	.30	.50	.20	700	<.5	100	500	2.0
1696CM14	38 43 12	112 21 41	2.0	1.00	3.00	.50	1,000	N	50	700	2.0
1697CM14	38 42 55	112 20 40	1.5	1.50	7.00	.30	700	<.5	100	500	1.5
1698CM14	38 41 30	112 19 22	5.0	1.50	1.50	.70	1,000	N	50	700	2.0
1699CM14	38 42 21	112 17 23	2.0	.70	1.50	.30	700	N	100	500	3.0
1702CM14	38 37 58	112 26 58	10.0	1.00	2.00	.70	1,000	N	30	700	<1.0
1703CM14	38 39 42	112 25 24	3.0	1.00	1.50	.50	1,000	N	50	700	2.0
1705CM14	38 40 5	112 23 51	15.0	.70	1.00	>1.00	1,000	N	30	700	1.5
1706CM14	38 40 7	112 23 54	15.0	1.50	2.00	1.00	1,000	N	20	700	1.5
1707CM14	38 40 9	112 23 42	10.0	1.00	2.00	1.00	1,500	N	20	1,000	1.5
1708CM14	38 39 38	112 23 38	5.0	1.50	1.50	.50	1,500	N	70	1,000	3.0
1709CM14	38 38 14	112 23 53	7.0	1.50	2.00	.70	1,000	N	20	700	1.5
1710CM14	38 37 55	112 23 47	5.0	1.00	2.00	.50	1,000	N	50	700	2.0
1711CM14	38 40 12	112 26 40	10.0	1.50	2.00	>1.00	2,000	N	15	700	1.0
1713CM14	38 38 57	112 28 13	20.0	1.50	2.00	>1.00	2,000	N	15	700	<1.0
1714CM14	38 41 21	112 27 25	2.0	1.00	1.50	.50	700	N	100	700	1.0
1715CM14	38 41 44	112 28 9	2.0	.50	.30	.50	1,000	N	100	500	1.0
1717CM14	38 42 34	112 24 44	3.0	1.00	1.00	.50	1,500	N	100	1,000	1.5
1718CM14	38 42 11	112 24 22	5.0	1.50	7.00	.50	1,000	N	100	1,500	1.5
1719CM14	38 42 46	112 23 6	7.0	1.50	1.50	.70	1,500	N	70	1,000	2.0
1720CM14	38 35 45	112 28 38	3.0	1.00	1.50	.50	700	N	50	700	2.0
1721CM14	38 36 10	112 26 39	3.0	.70	1.00	.50	1,000	N	100	700	2.0
1722CM14	38 35 21	112 27 22	7.0	3.00	2.00	.70	1,500	N	30	1,000	2.0
1723CM14	38 32 37	112 28 19	2.0	.50	.70	.50	1,500	N	100	700	5.0
1724CM14	38 32 48	112 26 54	2.0	.70	1.00	.30	1,000	N	100	700	5.0
1725CM14	38 32 19	112 26 44	1.0	.50	.50	.30	1,000	N	50	300	10.0
1726CM14	38 34 29	112 25 16	10.0	2.00	2.00	.70	1,500	N	50	700	1.5
1727CM14	38 34 47	112 19 45	2.0	.70	1.00	.20	700	<.5	100	300	5.0
1728CM14	38 34 9	112 19 53	5.0	1.00	2.00	.50	1,000	N	100	700	3.0
1729CM14	38 35 5	112 24 24	5.0	1.50	2.00	.70	1,500	N	30	700	2.0
1730CM14	38 32 53	112 22 16	1.5	1.00	1.50	.50	1,000	N	70	700	7.0
1731CM14	38 33 46	112 22 1	1.5	1.00	2.00	.20	700	N	100	500	5.0
1732CM14	38 33 35	112 23 55	2.0	1.00	1.00	.70	1,000	N	70	700	3.0
1733CM14	38 33 38	112 23 46	3.0	1.00	1.00	.70	1,000	N	50	700	5.0
1734CM14	38 33 40	112 23 45	3.0	1.00	1.00	.70	2,000	N	70	700	7.0
1735CM14	38 33 12	112 25 41	2.0	1.00	1.00	.50	1,000	N	70	700	5.0
1737CM14	38 32 37	112 24 39	1.5	.70	1.00	.30	1,000	N	70	700	7.0
1738CM14	38 32 58	112 23 25	1.5	.70	1.50	.50	1,000	N	70	500	7.0
1739CM14	38 30 58	112 25 15	1.5	.30	.50	.20	1,000	N	70	300	7.0
1740CM14	38 31 50	112 23 26	2.0	.50	1.00	.30	1,500	N	70	300	7.0
1741CM14	38 30 58	112 23 44	.7	.20	.50	.15	500	<.5	50	150	10.0

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
1690CM14	N	N	5	30	15	20	N	<20	15	20	N
1691CM14	N	N	5	30	15	20	N	<20	10	10	N
1693CM14	N	N	7	20	15	20	N	<20	15	15	N
1694CM14	N	N	7	30	20	20	N	<20	15	20	N
1695CM14	N	N	7	20	15	20	N	<20	10	15	N
1696CM14	N	N	20	70	20	50	N	<20	30	30	N
1697CM14	N	N	7	30	15	20	N	N	15	15	N
1698CM14	N	N	20	100	20	50	N	<20	50	50	N
1699CM14	N	N	10	50	15	50	N	<20	20	20	N
1702CM14	N	N	20	150	50	70	N	<20	30	50	N
1703CM14	N	N	15	100	30	50	N	20	30	30	N
1705CM14	N	N	50	200	30	50	N	20	70	20	N
1706CM14	N	N	50	200	50	50	N	<20	70	50	N
1707CM14	N	N	30	150	30	70	N	<20	50	30	N
1708CM14	N	N	15	70	30	30	N	N	20	50	N
1709CM14	N	N	30	150	30	50	N	<20	50	30	N
1710CM14	N	N	20	100	50	50	N	<20	20	50	N
1711CM14	N	N	50	200	50	50	N	<20	50	50	N
1713CM14	N	N	50	300	50	30	N	N	50	50	N
1714CM14	N	N	10	100	30	50	N	<20	30	50	N
1715CM14	N	N	7	50	20	20	N	N	10	10	N
1717CM14	N	N	10	70	30	50	N	<20	20	50	N
1718CM14	N	N	15	150	20	50	N	<20	30	70	N
1719CM14	N	N	20	200	20	50	N	<20	30	50	N
1720CM14	N	N	15	70	20	70	N	<20	20	50	N
1721CM14	N	N	15	30	30	70	N	20	20	30	N
1722CM14	N	N	20	70	30	70	N	<20	30	50	N
1723CM14	N	N	10	30	20	70	N	50	20	50	N
1724CM14	N	N	7	30	20	70	N	50	20	50	N
1725CM14	N	N	5	15	10	70	N	70	10	50	N
1726CM14	N	N	30	150	50	50	N	N	50	50	N
1727CM14	N	N	5	30	15	70	N	30	10	100	N
1728CM14	N	N	15	50	15	50	<5	20	15	50	N
1729CM14	N	N	20	100	50	70	N	<20	50	50	N
1730CM14	N	N	10	50	15	100	N	30	15	70	N
1731CM14	N	N	7	20	20	70	N	<20	15	30	N
1732CM14	N	N	10	50	30	70	N	<20	30	30	N
1733CM14	N	N	20	100	30	70	N	20	30	50	N
1734CM14	N	N	15	70	20	50	N	30	20	50	N
1735CM14	N	N	10	70	20	50	N	50	20	70	N
1737CM14	N	N	10	30	20	50	N	50	15	70	N
1738CM14	N	N	7	50	15	100	N	30	10	70	N
1739CM14	N	N	5	20	15	50	N	50	10	50	N
1740CM14	N	N	7	50	15	200	N	50	10	100	N
1741CM14	N	N	<5	10	15	50	N	20	<5	70	N

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Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	S-TH
1690CM14	7	N	150	70	N	20	N	150	N
1691CM14	7	N	100	70	N	30	N	300	N
1693CM14	7	N	150	70	N	30	N	200	N
1694CM14	7	N	200	100	N	30	N	200	N
1695CM14	5	N	150	50	N	30	N	300	N
1696CM14	15	N	500	150	N	30	N	200	N
1697CM14	10	N	150	100	N	30	N	150	N
1698CM14	15	N	500	300	N	30	N	200	N
1699CM14	10	N	300	100	N	20	N	150	N
1702CM14	15	N	700	300	N	50	N	1,000	N
1703CM14	15	N	700	150	N	30	N	200	N
1705CM14	15	N	700	500	N	30	200	200	N
1706CM14	15	N	1,000	500	N	30	N	700	N
1707CM14	15	N	700	300	N	50	<200	700	N
1708CM14	15	N	500	150	N	30	N	300	N
1709CM14	20	N	700	200	N	50	N	500	N
1710CM14	15	N	500	200	N	50	N	300	N
1711CM14	20	N	500	500	N	30	<200	500	N
1713CM14	15	N	500	500	N	30	200	700	N
1714CM14	10	N	200	200	N	30	N	500	N
1715CM14	10	N	100	100	N	30	N	500	N
1717CM14	10	N	200	150	N	30	N	300	N
1718CM14	15	N	500	150	N	30	N	200	N
1719CM14	15	N	500	200	N	30	N	300	N
1720CM14	15	N	700	200	N	50	N	200	N
1721CM14	15	N	500	150	N	50	N	200	N
1722CM14	20	N	700	200	N	70	N	700	N
1723CM14	10	N	300	150	N	50	N	200	<100
1724CM14	10	N	500	150	N	50	N	300	N
1725CM14	7	N	200	50	N	50	N	200	N
1726CM14	20	N	700	300	N	30	N	200	N
1727CM14	7	N	150	100	N	30	N	150	N
1728CM14	10	N	500	200	N	30	N	200	N
1729CM14	20	N	700	200	N	50	N	300	N
1730CM14	10	N	500	150	N	50	N	200	N
1731CM14	10	N	300	100	N	30	N	150	N
1732CM14	15	N	500	200	N	50	N	200	N
1733CM14	15	N	700	200	N	50	N	200	N
1734CM14	15	N	500	200	N	50	N	300	N
1735CM14	10	N	300	150	N	50	N	200	N
1737CM14	10	N	300	150	N	50	N	300	N
1738CM14	10	N	300	150	N	50	N	500	N
1739CM14	7	N	150	70	N	50	N	200	N
1740CM14	10	20	300	150	N	50	N	200	N
1741CM14	5	N	100	30	N	30	N	150	N

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	LATITUDE	LONGITUD	S-FEX	S-MGX	S-CAZ	S-TIX	S-MN	S-AG	S-B	S-BA	S-BE
1742CM14	38 33 53	112 17 49	7.0	1.50	2.00	.70	1,500	N	70	1,000	1.5
1743CM14	38 30 48	112 19 22	2.0	.50	1.00	.50	1,500	N	70	700	5.0
1744CM41	38 21 31	112 14 14	2.0	1.50	7.00	.50	1,000	N	70	700	1.5
1745CM41	38 19 38	112 13 39	5.0	1.50	2.00	.50	1,000	N	20	700	2.0
1746CM41	38 19 39	112 13 45	5.0	2.00	3.00	.70	1,500	N	20	1,000	1.5
1747CM41	38 19 9	112 13 24	5.0	1.50	2.00	.70	1,000	N	50	1,000	3.0
1749CM41	38 18 14	112 14 16	5.0	2.00	1.50	.70	1,000	N	30	700	2.0
1750CM41	38 20 25	112 9 49	5.0	1.50	2.00	.70	1,000	N	50	700	2.0
1752CM41	38 18 10	112 9 50	3.0	2.00	3.00	.70	1,000	N	70	700	2.0
1753CM41	38 16 29	112 7 39	3.0	.70	1.00	.70	1,000	N	70	700	2.0
1754CM41	38 18 20	112 8 43	7.0	2.00	3.00	.70	1,500	N	70	700	1.0
1755CM41	38 29 30	112 27 16	2.0	.70	.70	.20	500	<.5	100	300	50.0
1756CM41	38 28 29	112 27 21	1.0	.15	.20	.30	2,000	N	30	100	10.0
1757CM41	38 28 0	112 27 1	1.0	.30	.50	.20	1,000	N	30	200	10.0
1760CM41	38 29 20	112 26 26	3.0	.70	.70	.50	700	N	50	700	5.0
1761CM14	38 33 47	112 16 26	5.0	1.50	3.00	.50	1,500	N	15	1,500	1.5
1762CM14	38 32 11	112 16 10	7.0	1.50	2.00	.70	2,000	N	50	1,000	1.5
1764CM14	38 32 4	112 16 22	7.0	1.50	2.00	.70	1,500	N	20	1,500	2.0
1765CM14	38 31 3	112 15 58	5.0	1.00	3.00	.70	700	N	100	700	<1.0
1766CM44	38 14 18	112 14 13	5.0	2.00	3.00	.70	1,000	N	50	700	1.5
1767CM44	38 12 52	112 13 23	5.0	2.00	3.00	.70	1,500	N	30	700	2.0
1769CM44	38 12 26	112 10 32	5.0	1.00	2.00	.70	1,500	N	15	500	1.0
1771CM41	38 15 19	112 10 15	5.0	3.00	3.00	.70	2,000	N	20	500	1.5
1772CM41	38 16 41	112 11 18	7.0	3.00	2.00	.70	1,500	N	20	700	1.0
1773CM41	38 17 45	112 11 38	5.0	2.00	3.00	.50	1,500	N	20	700	1.5
1774CM44	38 13 2	112 8 0	5.0	2.00	5.00	.70	1,500	N	20	700	1.0
1775CM44	38 13 29	112 9 8	7.0	3.00	3.00	1.00	2,000	<.5	20	700	1.5
1776CM41	38 21 1	112 6 23	3.0	2.00	2.00	.50	1,000	N	20	700	1.5
1777CM41	38 22 25	112 4 54	7.0	1.50	2.00	.70	1,500	N	10	700	1.5
1778CM41	38 22 35	112 4 48	5.0	2.00	1.50	.50	1,000	N	10	500	1.5
1779CM44	38 23 6	112 3 45	3.0	1.50	2.00	.50	700	N	<10	300	1.0
1780CM41	38 23 58	112 3 6	3.0	1.00	1.50	.50	1,000	N	20	700	2.0
1781CM41	38 24 33	112 2 18	3.0	1.00	1.50	.50	1,500	N	30	500	2.0
1783CM41	38 25 2	112 2 38	3.0	1.00	1.00	.70	700	N	70	700	3.0
1784CM41	38 24 27	112 0 39	5.0	1.50	1.50	.70	1,500	N	30	700	2.0
1785CM41	38 24 24	112 0 42	3.0	.70	1.00	.70	1,500	N	50	700	3.0
1786CM41	38 24 28	112 0 35	5.0	1.50	1.50	.70	1,500	N	20	700	2.0
1789CM41	38 29 21	112 0 9	3.0	.70	1.00	.50	700	N	70	700	5.0
1790CM41	38 27 40	112 3 48	3.0	.70	1.00	.50	1,000	N	50	1,000	3.0
1801CM43	38 13 29	112 32 18	7.0	1.50	1.50	.70	1,500	N	30	700	1.0
1803CM43	38 14 5	112 33 43	5.0	1.50	1.50	.70	1,500	N	30	500	1.0
1804CM43	38 7 46	112 34 56	3.0	1.00	2.00	.70	1,500	N	50	500	1.0
1805CM43	38 8 34	112 35 48	7.0	1.00	1.50	1.00	1,500	N	30	700	1.5
1806CM43	38 8 49	112 35 1	5.0	1.50	2.00	.70	1,500	N	30	500	1.0
1808CM43	38 11 32	112 34 46	2.0	.70	1.50	.50	1,000	N	70	500	1.5

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Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
1742CM14	N	N	30	100	30	50	N	20	20	70	N
1743CM14	N	N	10	30	20	70	N	20	15	50	N
1744CM41	N	N	7	70	20	50	N	N	20	50	N
1745CM41	N	N	20	150	30	70	N	50	50	50	N
1746CM41	N	N	20	200	50	70	N	<20	70	30	N
1747CM41	N	N	30	200	50	70	N	<20	70	50	N
1749CM41	N	N	30	200	30	70	N	N	70	30	N
1750CM41	N	N	20	100	20	100	N	<20	50	50	N
1752CM41	N	N	20	150	50	70	N	<20	70	50	N
1753CM41	N	N	20	70	20	50	N	<20	30	30	N
1754CM41	N	N	30	150	30	50	N	<20	50	50	N
1755CM41	N	N	<5	30	20	30	N	20	10	70	N
1756CM41	N	N	<5	<10	<5	50	N	50	<5	70	N
1757CM41	N	N	<5	15	10	50	N	30	<5	50	N
1760CM41	N	N	10	150	70	50	N	<20	20	30	N
1761CM14	N	N	20	100	50	70	N	<20	30	50	N
1762CM14	N	N	20	50	70	50	N	N	15	70	N
1764CM14	N	N	20	20	30	70	N	N	10	50	N
1765CM14	N	N	N	20	50	30	N	N	N	100	N
1766CM44	N	N	20	150	30	50	N	N	50	30	N
1767CM44	N	N	20	70	20	50	N	N	30	50	N
1769CM44	N	N	20	20	15	50	N	N	15	20	N
1771CM41	N	N	30	50	30	70	N	N	20	50	N
1772CM41	N	N	30	200	30	50	N	<20	70	30	N
1773CM41	N	N	30	150	30	70	N	N	50	30	N
1774CM44	N	N	15	50	20	50	N	N	15	30	N
1775CM44	N	N	20	50	20	70	N	N	10	20	N
1776CM41	N	N	15	20	50	50	N	N	15	30	N
1777CM41	N	N	30	150	30	70	N	N	50	30	N
1778CM41	N	N	20	30	50	50	N	N	15	20	N
1779CM44	N	N	20	100	30	30	N	N	50	15	N
1780CM41	N	N	20	70	50	50	N	N	30	30	N
1781CM41	N	N	15	20	30	50	N	N	15	20	N
1783CM41	N	N	20	70	70	50	N	<20	20	30	N
1784CM41	N	N	30	150	50	50	N	<20	50	50	N
1785CM41	N	N	20	100	30	30	N	N	30	20	N
1786CM41	N	N	30	150	30	50	N	N	50	30	N
1789CM41	N	N	10	50	50	50	N	<20	30	50	N
1790CM41	N	N	10	50	50	50	N	20	20	70	N
1801CM43	N	N	30	150	20	30	N	<20	30	30	N
1803CM43	N	N	30	150	30	50	N	<20	30	50	N
1804CM43	N	N	20	50	30	30	N	<20	20	50	N
1805CM43	N	N	20	70	15	50	N	<20	15	30	N
1806CM43	N	N	30	70	20	50	N	<20	20	50	N
1808CM43	N	N	10	50	15	30	N	<20	15	50	N

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-SC	S-SN	S-SR	S-Y	S-W	S-V	S-Y	S-ZN	S-ZR	S-TH
1742CM14	15	N	700	300	N	50	N	300	N	N
1743CM14	10	N	500	150	N	30	N	200	300	N
1744CM41	10	N	300	100	N	30	N	300	300	N
1745CM41	15	N	500	200	N	30	N	150	150	N
1746CM41	15	N	1,000	200	N	30	N	200	200	N
1747CM41	20	N	500	200	N	30	N	150	150	N
1749CM41	20	N	1,000	200	N	30	N	150	150	N
1750CM41	15	N	700	200	N	30	N	200	200	N
1752CM41	20	N	700	200	N	30	N	300	300	N
1753CM41	15	N	700	200	N	30	N	200	200	N
1754CM41	20	N	700	300	N	50	N	300	300	N
1755CM41	7	N	<100	50	N	50	N	150	150	N
1756CM41	5	N	N	20	N	50	N	300	300	N
1757CM41	5	N	100	30	N	30	N	300	300	N
1760CM41	15	N	300	150	N	30	N	200	200	N
1761CM14	15	N	1,000	200	N	30	N	150	150	N
1762CM14	15	N	500	200	N	30	N	200	200	N
1764CM14	15	N	700	200	N	50	N	150	150	N
1765CM14	15	N	1,000	200	N	20	N	200	200	N
1766CM44	20	N	700	200	N	50	N	200	200	N
1767CM44	20	N	500	200	N	50	N	200	200	N
1769CM44	15	N	700	300	N	30	N	200	200	N
1771CM41	30	N	700	300	N	70	N	300	300	N
1772CM41	20	N	1,000	300	N	50	N	150	150	N
1773CM41	20	N	700	300	N	30	N	150	150	N
1774CM44	15	N	1,000	200	N	50	N	150	150	N
1775CM44	20	N	700	200	N	50	N	150	150	N
1776CM41	15	N	1,000	200	N	30	N	100	100	N
1777CM41	20	N	700	500	N	30	N	150	150	N
1778CM41	20	N	700	200	N	50	N	150	150	N
1779CM44	20	N	700	200	N	30	N	100	100	N
1780CM41	15	N	700	200	N	30	N	150	150	N
1781CM41	15	N	500	200	N	30	N	150	150	N
1783CM41	15	N	700	200	N	30	N	150	150	N
1784CM41	15	N	500	200	N	50	N	<200	150	N
1785CM41	20	N	500	200	N	50	N	200	200	N
1786CM41	20	N	700	200	N	50	N	150	150	N
1789CM41	15	N	500	150	N	30	N	200	200	N
1790CM41	10	N	500	150	N	30	N	300	300	N
1801CM43	20	N	500	200	N	30	N	200	200	N
1803CM43	20	N	700	200	N	30	N	300	300	N
1804CM43	20	N	700	200	N	30	N	150	150	N
1805CM43	15	N	500	200	N	30	N	300	300	N
1806CM43	15	N	700	300	N	30	N	150	150	N
1808CM43	15	N	500	150	N	30	N	300	300	N

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	LATITUDE	LONGITUD	S-FEZ	S-MGX	S-CAZ	S-TIX	S-MN	S-AG	S-B	S-BA	S-BE
1809CM43	38 8 24	112 31 34	7.0	1.00	1.50	.70	1,500	N	70	1,000	1.0
1810CM43	38 8 34	112 31 23	5.0	1.00	1.50	.70	1,500	N	100	700	1.0
1812CM43	38 6 9	112 30 43	7.0	1.50	2.00	1.00	1,500	N	30	700	1.5
1813CM43	38 5 55	112 30 18	10.0	2.00	5.00	1.00	1,500	N	30	700	<1.0
1814CM44	38 5 30	112 29 12	7.0	1.50	3.00	.70	1,500	N	70	700	1.5
1815CM43	38 6 49	112 32 19	7.0	2.00	3.00	.70	1,500	N	50	700	1.0
1817CM43	38 9 23	112 30 51	2.0	.50	1.00	.50	1,000	N	70	700	2.0
1818CM44	38 10 33	112 29 26	15.0	5.00	5.00	>1.00	2,000	N	30	1,000	<1.0
1819CM44	38 10 8	112 29 2	5.0	1.00	1.50	.50	1,500	N	70	700	2.0
1820CM43	38 8 33	112 31 20	5.0	1.00	1.00	.70	1,500	N	100	700	1.5
1822CM43	38 4 9	112 38 17	10.0	1.50	2.00	1.00	2,000	N	20	1,000	1.0
1823CM43	38 4 0	112 36 27	7.0	1.50	2.00	1.00	1,500	N	15	1,000	<1.0
1824CM43	38 4 3	112 36 26	20.0	2.00	2.00	>1.00	2,000	N	15	700	<1.0
1825CM43	38 4 0	112 36 30	10.0	2.00	2.00	1.00	1,500	N	15	700	<1.0
1826CM43	38 2 54	112 36 52	7.0	1.00	1.50	.70	1,500	N	50	1,000	1.0
1827CM43	38 0 47	112 37 53	10.0	1.50	3.00	.50	1,500	N	50	700	<1.0
1829CM43	38 5 38	112 33 49	7.0	1.50	2.00	1.00	2,000	N	15	700	1.0
1830CM43	38 5 45	112 33 25	5.0	2.00	2.00	1.00	1,500	N	30	700	1.0
1831CM43	38 6 49	112 33 20	7.0	1.50	2.00	1.00	2,000	N	10	700	1.0
1832CM44	38 8 11	112 28 40	7.0	2.00	3.00	1.00	1,500	N	50	700	1.0
1833CM44	38 8 19	112 27 32	10.0	1.50	3.00	>1.00	1,500	N	30	700	<1.0
1834CM44	38 6 49	112 26 39	7.0	1.50	3.00	>1.00	1,500	N	30	700	1.5
1835CM44	38 4 12	112 29 7	5.0	1.00	1.50	.70	1,500	N	70	700	1.5
1836CM44	38 4 3	112 29 25	5.0	1.00	1.50	.70	1,500	N	30	1,000	2.0
1838CM44	38 2 26	112 29 17	10.0	1.50	1.50	1.00	1,500	N	15	1,000	1.0
1839CM44	38 3 32	112 26 37	7.0	1.00	1.00	.70	1,500	N	50	700	2.0
1840CM44	39 2 54	112 26 43	5.0	1.00	1.50	1.00	1,500	N	30	700	1.0
1841CM44	38 2 11	112 26 15	5.0	1.00	1.50	1.00	1,500	N	50	700	1.0
1842CM44	38 2 17	112 26 24	5.0	.70	1.50	.70	1,500	N	30	700	1.5
1843CM44	38 0 24	112 23 50	7.0	1.50	2.00	1.00	1,500	N	30	700	1.0
1844CM44	38 6 30	112 25 22	5.0	1.50	2.00	1.00	2,000	N	30	700	1.0
1845CM44	38 7 23	112 23 44	3.0	1.00	1.50	.70	1,500	N	50	700	1.5
1846CM44	38 5 17	112 25 10	3.0	1.00	1.50	.70	1,500	N	50	700	1.5
1847CM44	38 5 38	112 22 54	5.0	.70	1.00	.70	1,000	N	50	500	2.0
1849CM43	38 3 50	112 33 10	3.0	1.00	1.50	.50	1,000	N	50	700	2.0
1851CM43	38 0 28	112 34 34	15.0	1.50	2.00	>1.00	2,000	N	15	700	1.0
1852CM43	38 3 56	112 31 8	5.0	1.00	1.50	1.00	2,000	N	30	700	1.5
1854CM43	38 2 11	112 32 49	1.5	1.50	3.00	.30	700	N	100	500	1.0
1855CM44	38 13 0	112 29 22	3.0	.70	1.50	.70	1,500	N	70	700	2.0
1856CM44	38 13 30	112 29 48	7.0	1.00	1.50	1.00	1,500	N	70	700	2.0
1858CM44	38 13 33	112 25 53	10.0	.70	1.00	1.00	1,500	N	30	700	3.0
1859CM44	38 13 23	112 26 10	3.0	.50	.70	.70	700	N	30	700	2.0
1860CM44	38 13 20	112 26 14	3.0	.70	1.00	.70	500	N	30	700	1.0
1861CM44	38 13 23	112 26 5	5.0	.70	.70	1.00	700	N	50	1,000	2.0
1862CM44	38 12 17	112 25 41	15.0	1.00	1.50	>1.00	1,500	N	30	700	2.0

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
1809CM43	N	N	20	70	50	50	N	<20	20	50	N
1810CM43	N	N	20	70	50	50	N	<20	20	50	N
1812CM43	N	N	50	70	30	30	N	<20	20	30	N
1813CM43	N	N	50	100	30	50	N	<20	30	30	N
1814CM44	N	N	30	100	50	50	N	<20	30	50	N
1815CM43	N	N	50	100	50	50	N	<20	50	50	N
1817CM43	N	N	10	20	20	20	N	N	10	20	N
1818CM44	N	N	70	200	50	70	N	<20	100	50	N
1819CM44	N	N	20	50	30	50	N	N	20	30	N
1820CM43	N	N	20	50	50	50	N	<20	20	30	N
1822CM43	N	N	30	50	30	30	N	<20	15	30	N
1823CM43	N	N	30	100	30	50	N	<20	20	30	N
1824CM43	N	N	50	200	50	20	N	N	30	30	N
1825CM43	N	N	50	150	30	N	N	N	20	30	N
1826CM43	N	N	20	100	50	50	N	<20	20	50	N
1827CM43	N	N	30	70	50	50	N	<20	15	50	N
1829CM43	N	N	30	70	30	30	N	N	20	30	N
1830CM43	N	N	30	70	50	50	N	<20	20	50	N
1831CM43	N	N	30	70	30	30	N	N	10	20	N
1832CM44	N	N	50	100	50	50	N	N	20	30	N
1833CM44	N	N	30	100	50	50	N	N	15	30	N
1834CM44	N	N	20	50	30	50	N	N	10	30	N
1835CM44	N	N	20	70	20	50	N	N	15	30	N
1836CM44	N	N	20	50	30	50	N	<20	20	30	N
1838CM44	N	N	50	150	30	50	N	<20	30	30	N
1839CM44	N	N	30	70	30	50	N	<20	20	30	N
1840CM44	N	N	50	100	30	50	N	<20	30	30	N
1841CM44	N	N	30	70	30	50	N	<20	20	50	N
1842CM44	N	N	30	70	30	50	N	<20	20	50	N
1843CM44	N	N	50	100	30	50	N	<20	30	30	N
1844CM44	N	N	30	50	50	50	N	N	10	30	N
1845CM44	N	N	20	50	50	50	N	N	15	50	N
1846CM44	N	N	20	50	20	50	N	<20	15	30	N
1847CM44	N	N	20	30	50	30	N	N	20	15	N
1849CM43	N	N	20	70	30	50	N	<20	30	20	N
1851CM43	N	N	30	150	20	50	N	<20	50	30	N
1852CM43	N	N	30	100	30	30	N	N	20	30	N
1854CM43	N	N	10	50	15	20	N	<20	20	30	N
1855CM44	N	N	20	70	20	50	N	N	30	30	N
1856CM44	N	N	20	70	50	50	N	<20	30	50	N
1858CM44	N	N	50	150	70	70	N	<20	70	30	N
1859CM44	N	N	15	100	50	50	N	N	30	30	N
1860CM44	N	N	10	100	50	30	N	N	20	30	N
1861CM44	N	N	20	150	50	50	N	<20	30	50	N
1862CM44	N	N	50	200	70	50	N	<20	50	50	N

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	S-TH
1809CM43	15	N	300	300	N	30	N	300	N
1810CM43	15	N	300	300	N	30	N	300	N
1812CM43	20	N	700	500	N	30	<200	200	N
1813CM43	30	N	1,000	700	N	30	200	150	N
1814CM44	20	N	1,000	300	N	30	<200	150	N
1815CM43	20	N	1,000	500	N	30	<200	200	N
1817CM43	15	N	300	150	N	30	N	200	N
1818CM44	30	N	1,000	700	N	50	N	300	N
1819CM44	15	N	500	200	N	30	N	200	N
1820CM43	15	N	300	200	N	30	N	500	N
1822CM43	20	N	700	200	N	30	N	150	N
1823CM43	20	N	1,000	300	N	30	N	300	N
1824CM43	20	N	700	500	N	30	200	500	N
1825CM43	20	N	500	300	N	30	N	100	N
1826CM43	15	N	500	200	N	50	N	200	N
1827CM43	15	N	300	300	N	30	N	150	N
1829CM43	20	N	700	300	N	30	N	100	N
1830CM43	20	N	700	300	N	50	N	150	N
1831CM43	20	N	1,000	300	N	30	N	150	N
1832CM44	20	N	700	500	N	30	200	150	N
1833CM44	20	N	500	500	N	30	N	200	N
1834CM44	15	N	700	300	N	30	200	300	N
1835CM44	20	N	500	200	N	30	N	200	N
1836CM44	15	N	500	200	N	30	N	200	N
1838CM44	20	N	500	300	N	30	200	200	N
1839CM44	15	N	500	200	N	50	N	300	N
1840CM44	20	N	500	500	N	30	N	200	N
1841CM44	20	N	500	200	N	50	N	150	N
1842CM44	20	N	500	200	N	30	N	300	N
1843CM44	20	N	500	500	N	50	<200	200	N
1844CM44	15	N	500	300	N	30	N	200	N
1845CM44	15	N	500	200	N	30	N	200	N
1846CM44	15	N	500	200	N	30	N	500	N
1847CM44	20	N	500	150	N	50	N	150	N
1849CM43	15	N	500	200	N	30	<200	150	N
1851CM43	20	N	700	500	N	50	N	200	N
1852CM43	20	N	700	300	N	50	N	200	N
1854CM43	10	N	150	100	N	30	N	200	N
1855CM44	15	N	500	200	N	50	N	200	N
1856CM44	15	N	700	300	N	30	200	300	N
1858CM44	20	N	500	300	N	30	N	200	N
1859CM44	15	N	500	200	N	30	N	150	N
1860CM44	15	N	500	200	N	30	N	150	N
1861CM44	20	N	700	300	N	30	N	200	N
1862CM44	20	N	500	500	N	30	<200	200	N

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	LATITUDE	LONGITUD	S-FEZ	S-MGX	S-CAZ	S-TIX	S-MN	S-AG	S-B	S-BA	S-BE
1863CM44	38 12 14	112 25 44	7.0	1.00	1.50	.70	1,000	N	50	700	1.0
1864CM44	38 13 24	112 23 46	5.0	1.50	1.50	1.00	1,500	.5	50	1,000	5.0
1866CM44	38 14 0	112 23 8	7.0	1.50	1.50	1.00	1,000	N	50	1,000	2.0
1867CM13	38 30 24	112 35 16	5.0	2.00	2.00	1.00	1,500	N	30	1,000	3.0
1868CM13	38 30 20	112 35 3	5.0	2.00	2.00	.70	1,000	N	20	700	1.0
1869CM13	38 30 12	112 34 58	5.0	1.00	1.00	.70	1,000	N	50	1,000	3.0
1870CM13	38 30 14	112 34 21	7.0	1.00	1.00	.70	1,500	N	20	1,000	2.0
1871CM13	38 30 10	112 34 23	5.0	1.00	1.00	.70	1,500	N	50	1,000	1.5
1872CM13	38 30 11	112 34 1	15.0	2.00	2.00	>1.00	2,000	N	20	1,000	1.5
1873CM13	38 30 7	112 34 3	10.0	1.00	1.00	1.00	1,500	N	20	1,000	1.5
1874CM13	38 30 7	112 33 48	3.0	1.00	1.00	.70	1,500	N	70	1,000	2.0
1875CM42	38 27 0	112 34 27	5.0	1.00	.70	.70	1,000	N	30	1,000	1.5
1879CM12	38 47 49	112 43 49	3.0	.50	1.50	.70	1,000	N	50	1,000	3.0
1880CM12	38 46 37	112 44 46	1.5	.70	1.50	.30	700	N	50	500	2.0
1881CM12	38 45 5	112 42 58	2.0	1.50	5.00	.50	1,000	N	100	500	3.0
1882CM12	38 45 40	112 40 7	2.0	1.50	2.00	.50	1,000	N	150	700	3.0
1883CM12	38 51 44	112 35 37	2.0	1.00	2.00	.50	700	N	70	500	2.0
1884CM12	38 52 0	112 37 10	2.0	1.50	3.00	.50	1,000	N	100	500	2.0
1885CM12	38 50 45	112 37 0	2.0	1.00	3.00	.50	1,000	N	70	500	2.0
1893CM12	38 56 12	112 31 23	5.0	1.50	5.00	.50	1,000	N	100	1,000	1.5
1897CM12	38 54 3	112 38 14	2.0	1.00	2.00	.30	700	N	100	1,000	2.0
1898CM12	38 52 56	112 36 38	2.0	1.00	2.00	.30	700	N	100	700	2.0
1899CM12	38 54 51	112 35 33	1.5	1.00	1.50	.30	700	N	100	700	3.0
2100CM43	38 6 0	112 36 11	5.0	1.00	1.50	.70	1,500	N	15	500	<1.0
2101CM44	38 5 40	112 27 37	10.0	1.50	2.00	1.00	1,500	N	20	700	1.0
2102CM44	38 1 7	112 26 33	3.0	2.00	2.00	.70	1,000	N	20	700	1.0
2103CM44	38 0 8	112 25 16	15.0	2.00	3.00	1.00	1,500	N	15	700	<1.0
2104CM44	38 2 40	112 23 20	5.0	2.00	2.00	.70	1,500	N	20	500	1.0
2105CM44	38 3 57	112 23 25	15.0	.30	1.00	>1.00	1,500	N	15	700	<1.0
2106CM44	38 3 57	112 21 25	7.0	1.50	3.00	.70	1,500	N	30	1,000	1.0
2107CM44	38 3 59	112 20 0	3.0	1.00	1.50	.50	1,000	N	30	700	1.5
2108CM44	38 5 11	112 20 6	5.0	1.00	2.00	.50	1,500	N	10	700	1.0
2109CM44	38 7 34	112 19 28	5.0	2.00	2.00	.50	1,500	N	20	700	<1.0
2114CM44	38 3 43	112 11 50	5.0	1.50	2.00	.70	1,500	N	30	700	1.0
2115CM44	38 6 33	112 6 2	3.0	1.00	1.50	.50	1,000	N	50	700	2.0
2118CM44	38 10 28	112 10 12	7.0	2.00	2.00	1.00	1,500	N	20	700	1.0
2120CM44	38 8 19	112 18 8	7.0	1.00	2.00	.50	1,000	N	20	700	2.0
2121CM44	38 14 50	112 21 43	7.0	1.50	1.50	.70	1,500	N	20	700	1.0
2122CM41	38 15 4	112 0 38	3.0	1.00	1.50	.50	2,000	N	70	1,000	3.0
2124CM41	38 16 38	112 0 26	7.0	2.00	3.00	.70	1,000	N	20	1,000	1.0
2127CM41	38 18 24	112 2 32	5.0	1.00	1.50	.50	1,000	N	30	1,000	1.5
2128CM41	38 17 14	112 3 30	3.0	1.00	1.50	.50	1,500	N	30	1,000	1.5
2129CM41	38 19 3	112 3 51	2.0	.70	1.00	.70	1,000	N	100	700	5.0
2130CM14	38 43 24	112 10 16	1.0	3.00	10.00	.10	300	<.5	70	300	1.0
2131CM14	38 39 20	112 14 14	5.0	2.00	7.00	.70	1,500	N	50	500	2.0

Table 1.---Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
1863CM44	N	N	50	150	70	30	5	<20	50	70	N
1864CM44	N	N	30	150	70	70	N	<20	50	50	N
1866CM44	N	N	20	100	50	50	N	<20	20	50	N
1867CM13	N	N	30	200	30	70	N	<20	50	50	N
1868CM13	N	N	20	200	30	50	N	<20	50	30	N
1869CM13	N	N	20	100	30	50	N	<20	30	30	N
1870CM13	N	N	20	150	50	50	N	<20	20	30	N
1871CM13	N	N	15	70	30	50	N	<20	20	30	N
1872CM13	N	N	50	300	50	100	N	20	50	50	N
1873CM13	N	N	30	150	50	50	N	<20	30	30	N
1874CM13	N	N	15	70	50	50	N	<20	20	50	N
1875CM42	N	N	20	100	50	50	N	N	30	50	N
1879CM12	N	N	7	15	15	100	N	30	5	50	N
1880CM12	N	N	5	30	7	30	N	<20	5	20	N
1881CM12	N	N	15	70	20	50	N	N	50	50	N
1882CM12	N	N	10	70	20	30	5	<20	30	50	N
1883CM12	N	N	10	50	10	30	N	N	30	10	N
1884CM12	N	N	10	70	15	20	N	<20	30	30	N
1885CM12	N	N	10	50	15	30	N	N	15	30	N
1893CM12	N	N	15	100	20	50	N	<20	20	50	N
1897CM12	N	N	7	50	15	20	N	<20	10	30	N
1898CM12	N	N	10	30	15	30	N	<20	20	20	N
1899CM12	N	N	7	30	15	30	N	<20	15	20	N
2100CM43	N	N	30	30	20	50	N	N	15	20	N
2101CM44	N	N	30	100	20	50	N	N	20	30	N
2102CM44	N	N	15	70	15	30	N	N	20	20	N
2103CM44	N	N	50	200	20	20	N	N	30	30	N
2104CM44	N	N	20	70	15	50	N	<20	20	20	N
2105CM44	N	N	50	150	20	50	N	<20	30	30	N
2106CM44	N	N	10	20	20	50	N	N	7	30	N
2107CM44	N	N	15	70	30	50	N	<20	20	30	N
2108CM44	N	N	15	15	7	50	N	N	<5	20	N
2109CM44	N	N	20	70	20	50	N	N	20	30	N
2114CM44	N	N	15	30	30	30	N	N	15	30	N
2115CM44	N	N	15	50	15	50	N	N	15	20	N
2118CM44	N	N	20	70	15	50	N	<20	20	30	N
2120CM44	N	N	10	20	10	50	N	N	5	20	N
2121CM44	N	N	30	70	30	50	N	N	30	50	N
2122CM41	N	N	10	50	20	70	N	20	15	100	N
2124CM41	N	N	20	100	30	50	N	N	30	50	N
2127CM41	N	N	15	100	20	70	N	<20	20	50	N
2128CM41	N	N	10	50	30	50	N	N	20	50	N
2129CM41	N	N	10	70	30	50	N	<20	30	20	N
2130CM14	N	N	<5	30	5	N	N	N	15	20	N
2131CM14	N	N	20	150	20	50	N	<20	50	30	N

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	S-TH
1863CM44	15	N	500	200	N	30	N	150	N
1864CM44	20	N	700	200	N	50	N	300	N
1866CM44	15	N	500	200	N	30	N	300	N
1867CM13	15	N	1,000	200	N	30	N	150	N
1868CM13	10	N	700	200	N	30	N	200	N
1869CM13	15	N	700	150	N	30	N	300	N
1870CM13	15	N	500	150	N	30	N	200	N
1871CM13	15	N	500	150	N	30	N	300	N
1872CM13	20	N	700	300	N	50	N	500	N
1873CM13	15	N	500	200	N	30	N	500	N
1874CM13	15	N	500	150	N	30	N	300	N
1875CM42	15	N	200	200	N	30	N	700	N
1879CM12	10	N	300	150	N	50	N	500	N
1880CM12	10	N	300	100	N	30	N	500	N
1881CM12	15	N	500	100	N	50	N	200	N
1882CM12	15	N	500	150	N	30	N	200	N
1883CM12	15	N	500	150	N	20	N	200	N
1884CM12	15	N	500	150	N	30	N	150	N
1885CM12	10	N	500	150	N	30	N	150	N
1893CM12	15	N	500	150	N	30	N	200	N
1897CM12	7	N	300	100	N	30	N	300	N
1898CM12	10	N	500	150	N	30	N	300	N
1899CM12	10	N	500	100	N	30	N	300	N
2100CM43	15	N	500	200	N	30	N	200	N
2101CM44	20	N	700	300	N	30	N	100	N
2102CM44	15	N	700	200	N	30	N	100	N
2103CM44	20	N	700	500	N	30	N	150	N
2104CM44	15	N	700	200	N	30	N	100	N
2105CM44	15	N	500	500	N	30	300	300	N
2106CM44	15	N	700	200	N	30	N	200	N
2107CM44	15	N	700	150	N	30	N	150	N
2108CM44	15	N	700	150	N	50	N	150	N
2109CM44	15	N	1,000	200	N	30	N	150	N
2114CM44	15	N	700	200	N	30	N	150	N
2115CM44	15	N	500	200	N	30	N	150	N
2118CM44	15	N	700	300	N	30	<200	200	N
2120CM44	15	N	700	150	N	30	N	150	N
2121CM44	20	N	700	200	N	30	N	200	N
2122CM41	10	N	500	200	N	50	N	300	N
2124CM41	20	N	1,000	500	N	30	N	150	N
2127CM41	15	N	700	150	N	30	N	300	N
2128CM41	15	N	1,000	150	N	30	N	200	N
2129CM41	15	N	500	150	N	30	N	200	N
2130CM14	5	N	300	50	N	20	N	150	N
2131CM14	20	N	500	200	N	30	N	200	N

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Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	LATITUDE	LONGITUD	S-FEX	S-MGX	S-CAZ	S-TIX	S-MN	S-AG	S-B	S-BA	S-BE
2132CM14	38 39 22	112 14 15	5.0	2.00	7.00	.70	1,500	N	50	700	1.5
2133CM14	38 39 19	112 14 14	5.0	2.00	2.00	.70	1,500	N	30	700	2.0
2134CM13	38 37 49	112 17 5	3.0	.70	1.50	.50	1,500	N	70	700	3.0
2135CM11	38 45 11	112 21 52	1.0	.30	.30	.20	500	N	100	300	1.5
2136CM14	38 44 53	112 27 26	2.0	1.50	7.00	.30	1,000	<.5	150	500	2.0
2137CM14	38 43 25	112 27 58	2.0	1.00	3.00	.50	700	N	150	500	1.0
2138CM14	38 44 23	112 29 13	2.0	3.00	5.00	.30	1,000	<.5	100	500	2.0
2139CM14	38 43 3	112 29 31	2.0	1.50	1.50	.30	1,500	1.0	150	700	3.0
2140CM13	38 39 50	112 29 37	2.0	1.00	2.00	.50	2,000	N	150	700	3.0
2141CM13	38 32 9	112 31 5	5.0	.70	.70	.70	1,500	N	70	700	7.0
2142CM13	38 33 18	112 30 13	10.0	1.00	1.50	>1.00	1,500	N	50	700	3.0
2143CM14	38 34 30	112 28 45	3.0	.70	1.50	.50	1,500	N	70	1,000	3.0
2144CM14	38 32 21	112 28 57	2.0	.50	1.00	.50	1,000	<.5	70	700	5.0
2145CM14	38 30 50	112 27 32	2.0	.50	.70	.50	1,000	N	50	500	7.0
2146CM14	38 30 59	112 21 36	1.0	.30	.70	.20	1,500	N	70	300	15.0
2147CM14	38 35 17	112 18 20	2.0	.70	1.00	.30	1,000	N	100	300	7.0
2148CM14	38 35 25	112 21 35	5.0	1.50	2.00	.50	2,000	N	70	700	3.0
2149CM14	38 36 59	112 24 5	3.0	3.00	2.00	.70	1,500	N	50	1,000	1.0
2150CM13	38 31 59	112 35 2	3.0	1.50	1.50	.70	1,500	N	50	700	2.0
2151CM41	38 29 23	112 10 56	3.0	1.50	1.50	.50	1,000	N	100	700	7.0
2152CM41	38 21 54	112 10 54	7.0	3.00	5.00	.70	1,000	N	70	1,000	1.5
2153CM41	38 28 53	112 2 18	3.0	.70	1.00	.70	1,500	N	70	1,000	7.0
2154CM41	38 20 58	112 4 34	3.0	1.50	2.00	.70	2,000	N	50	700	2.0
2155CM41	38 19 19	112 6 17	7.0	2.00	3.00	.70	1,000	N	15	1,000	1.0
2156CM44	38 8 20	112 21 11	7.0	3.00	3.00	.70	2,000	N	50	1,000	1.5
2157CM44	38 9 59	112 28 24	7.0	1.00	1.50	1.00	1,500	N	30	500	2.0
2158CM44	38 9 32	112 27 32	7.0	1.50	1.50	1.00	1,500	N	50	700	2.0
2160CM44	38 8 55	112 8 56	10.0	1.50	2.00	1.00	2,000	N	15	700	2.0
2163CM44	38 12 20	112 5 50	10.0	1.50	3.00	1.00	2,000	N	20	700	1.5
2164CM44	38 14 45	112 8 18	3.0	1.00	1.50	.70	1,500	N	70	1,000	2.0
2165CM44	38 14 17	112 1 3	5.0	.70	1.00	.50	1,500	N	50	1,000	3.0
2301CM41	38 28 41	112 20 36	2.0	1.00	1.00	.70	1,000	<.5	70	700	20.0
2302CM41	38 28 30	112 20 49	1.0	.50	.70	.50	1,000	N	70	500	20.0
2303CM41	38 28 32	112 20 52	1.5	.50	.70	.50	1,000	<.5	70	500	20.0
2305CM41	38 27 50	112 22 28	1.5	.70	.70	.30	1,000	<.5	50	300	20.0
2306CM41	38 27 39	112 22 29	1.5	.70	.70	.30	1,000	<.5	50	300	15.0
2307CM41	38 27 37	112 22 19	3.0	1.00	.70	.70	1,500	N	30	700	7.0
2309CM41	38 26 28	112 15 9	5.0	1.00	2.00	.70	1,500	N	30	1,000	3.0
2311CM41	38 26 23	112 18 44	3.0	1.00	.70	.70	700	N	20	500	3.0
2313CM41	38 24 58	112 18 37	2.0	.70	.50	.50	700	2.0	20	700	3.0
2314CM41	38 25 7	112 19 19	3.0	1.00	.70	.50	1,000	1.5	20	700	3.0
2315CM41	38 29 14	112 15 9	3.0	.70	1.00	.50	1,500	<.5	70	500	5.0
2316CM41	38 28 23	112 14 24	2.0	1.00	1.50	.50	1,500	<.5	100	700	5.0
2317CM41	38 28 52	112 13 14	3.0	1.50	3.00	.50	1,000	N	100	700	3.0
2318CM41	38 28 53	112 13 20	3.0	1.00	2.00	.70	1,500	N	70	700	3.0

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
2132CM14	N	N	20	150	20	70	N	<20	50	50	N
2133CM14	N	N	20	100	30	70	N	<20	30	30	N
2134CM13	N	N	20	50	20	100	N	<20	30	70	N
2135CM11	N	N	<5	15	10	N	N	N	10	15	N
2136CM14	N	N	15	70	20	50	N	<20	30	70	N
2137CM14	N	N	7	70	15	50	N	<20	20	30	N
2138CM14	N	N	10	50	15	50	N	<20	20	100	N
2139CM14	N	N	7	100	30	50	5	<20	50	70	N
2140CM13	N	N	15	50	20	50	N	<20	30	50	N
2141CM13	N	N	10	50	30	100	N	30	20	70	N
2142CM13	N	N	30	100	30	70	N	30	50	30	N
2143CM14	N	N	7	50	20	100	N	20	20	50	N
2144CM14	N	N	10	70	30	70	N	20	50	50	N
2145CM14	N	N	7	70	20	50	N	30	15	30	N
2146CM14	N	N	5	20	10	70	7	50	5	70	N
2147CM14	N	N	5	20	15	100	N	30	10	70	N
2148CM14	N	N	20	50	30	50	N	<20	30	50	N
2149CM14	N	N	20	70	50	50	N	N	50	50	N
2150CM13	N	N	20	70	50	70	N	<20	30	70	N
2151CM41	N	N	20	100	30	150	N	30	50	70	N
2152CM41	N	N	20	300	20	50	N	<20	30	50	N
2153CM41	N	N	15	70	50	150	N	30	30	70	N
2154CM41	N	N	20	70	50	50	N	N	20	30	N
2155CM41	N	N	20	150	50	150	N	N	30	30	N
2156CM44	N	N	50	50	20	70	5	N	15	50	N
2157CM44	N	N	50	50	30	30	N	N	50	50	N
2158CM44	N	N	30	70	50	50	N	N	20	50	N
2160CM44	N	N	20	30	20	70	N	N	15	30	N
2163CM44	N	N	20	30	20	50	N	N	15	20	N
2164CM44	N	N	15	70	30	50	N	<20	30	50	N
2165CM44	N	N	10	70	15	50	N	30	20	50	N
2301CM41	N	N	10	50	50	100	N	30	20	100	N
2302CM41	N	N	7	30	20	70	N	30	15	100	N
2303CM41	N	N	7	30	20	70	N	30	10	100	N
2305CM41	N	N	7	30	20	100	N	30	15	70	N
2306CM41	N	N	7	30	20	100	N	30	15	70	N
2307CM41	N	N	15	100	30	100	N	30	30	70	N
2309CM41	N	N	15	70	50	100	N	<20	20	70	N
2311CM41	N	N	15	70	20	70	N	N	30	20	N
2313CM41	N	N	7	30	15	20	<5	N	15	30	N
2314CM41	N	N	20	70	50	50	7	N	30	150	N
2315CM41	N	N	5	30	15	150	<5	50	10	100	N
2316CM41	N	N	10	50	20	50	N	30	20	70	N
2317CM41	N	N	10	50	30	50	5	<20	20	50	N
2318CM41	N	N	10	70	15	50	N	<20	20	30	N

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	S-TH
2132CM14	20	N	500	200	N	50	N	200	N
2133CM14	20	N	500	300	N	50	<200	300	N
2134CM13	15	N	500	200	N	50	N	500	N
2135CM11	5	N	100	30	N	15	N	150	N
2136CM14	15	N	200	150	N	30	N	200	N
2137CM14	15	N	150	100	N	50	N	500	N
2138CM14	10	N	200	100	N	50	N	200	N
2139CM14	15	N	300	100	N	70	N	200	N
2140CM13	15	N	200	150	N	50	N	300	N
2141CM13	15	N	300	200	N	70	N	300	N
2142CM13	20	N	700	300	N	50	N	300	N
2143CM14	15	N	1,000	150	N	50	N	500	N
2144CM14	10	N	500	100	N	30	N	700	N
2145CM14	10	N	300	100	N	50	N	200	N
2146CM14	7	N	200	50	N	50	N	500	N
2147CM14	7	N	300	100	N	30	N	200	N
2148CM14	15	N	700	200	N	30	N	150	N
2149CM14	20	N	700	200	N	50	N	200	N
2150CM13	15	N	500	200	N	30	N	300	N
2151CM41	15	N	500	150	N	50	N	500	N
2152CM41	15	N	500	200	N	30	N	150	N
2153CM41	15	N	700	200	N	50	N	500	N
2154CM41	20	N	500	200	N	50	N	200	N
2155CM41	15	N	1,000	150	N	30	N	100	N
2156CM44	30	N	700	300	N	50	N	150	N
2157CM44	20	N	500	300	N	50	N	500	N
2158CM44	20	N	500	300	N	50	N	150	N
2160CM44	20	N	1,000	300	N	50	N	200	N
2163CM44	20	N	700	300	N	50	N	200	N
2164CM44	15	N	700	150	N	50	N	300	N
2165CM44	10	N	500	150	N	30	N	300	N
2301CM41	15	N	300	200	N	50	N	300	N
2302CM41	10	50	300	100	N	50	N	200	N
2303CM41	10	N	200	100	N	50	N	300	N
2305CM41	10	N	200	100	N	50	N	200	N
2306CM41	10	N	200	100	N	50	N	200	N
2307CM41	15	N	300	200	N	50	N	200	N
2309CM41	15	N	300	300	N	50	N	300	N
2311CM41	15	N	500	200	N	30	N	500	N
2313CM41	10	N	300	150	N	20	N	300	N
2314CM41	15	N	300	200	N	30	N	300	N
2315CM41	10	N	300	150	N	70	N	500	N
2316CM41	10	N	300	100	N	30	N	200	N
2317CM41	15	N	700	150	N	30	N	300	N
2318CM41	10	N	500	150	N	30	N	200	N

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	LATITUDE	LONGITUD	S-FEX	S-MGX	S-CAX	S-TIX	S-MN	S-AG	S-B	S-BA	S-BE
2319CM41	38 28 55	112 13 19	5.0	1.50	3.00	.70	1,500	N	70	700	3.0
2320CM41	38 29 18	112 11 52	10.0	1.50	1.50	>1.00	2,000	N	50	1,000	2.0
2321CM41	38 27 6	112 12 26	5.0	1.50	2.00	.70	1,500	N	30	1,000	3.0
2322CM41	38 28 20	112 10 55	3.0	1.50	2.00	.50	1,000	N	70	1,500	3.0
2323CM41	38 27 8	112 9 59	3.0	1.50	2.00	.70	1,500	N	50	1,500	2.0
2324CM41	38 25 3	112 10 38	2.0	1.50	2.00	.50	1,000	N	70	700	3.0
2325CM41	38 24 14	112 11 20	5.0	2.00	2.00	.70	1,500	N	50	700	2.0
2326CM41	38 26 1	112 12 14	2.0	1.50	3.00	.70	1,000	N	50	700	3.0
2327CM41	38 23 40	112 19 12	2.0	1.50	.70	.50	1,500	1.5	50	700	3.0
2329CM41	38 23 25	112 16 23	3.0	3.00	5.00	.50	1,500	3.0	100	700	3.0
2332CM41	38 21 51	112 19 37	7.0	1.00	.70	.70	1,000	<.5	20	1,000	2.0
2333CM41	38 20 59	112 18 58	7.0	2.00	1.00	.70	1,500	.7	30	700	2.0
2334CM41	38 22 10	112 15 29	2.0	1.00	.50	.50	700	1.5	100	700	5.0
2336CM41	38 15 59	112 15 36	15.0	3.00	7.00	1.00	2,000	N	15	1,000	1.0
2337CM41	38 17 43	112 15 41	7.0	3.00	2.00	.70	1,500	N	20	1,000	1.0
2339CM41	38 16 16	112 17 39	5.0	2.00	2.00	.70	1,000	N	20	700	1.5
2340CM41	38 18 17	112 17 38	7.0	2.00	2.00	.70	1,500	N	15	700	1.5
2343CM41	38 14 37	112 19 44	5.0	2.00	2.00	.70	1,500	N	20	700	2.0
2345CM42	38 16 37	112 31 31	3.0	1.00	1.50	.70	1,500	N	50	500	3.0
2346CM42	38 17 13	112 31 8	3.0	.70	1.50	.70	1,500	N	100	1,000	5.0
2347CM42	38 20 26	112 31 19	1.5	.70	.70	.50	1,000	N	50	500	5.0
2348CM42	38 20 58	112 31 5	3.0	.70	.30	1.00	1,000	N	50	500	5.0
2349CM41	38 20 31	112 29 22	3.0	.70	.50	.50	1,500	N	100	500	7.0
2350CM41	38 20 42	112 28 54	5.0	.70	.50	.70	1,500	N	100	1,000	3.0
2351CM41	38 20 35	112 28 54	5.0	.70	.70	.70	1,000	N	70	1,500	3.0
2352CM41	38 21 1	112 28 16	7.0	1.50	1.50	.70	2,000	N	100	1,500	3.0
2353CM41	38 20 59	112 28 23	2.0	.70	.70	.30	2,000	N	100	700	20.0
2354CM41	38 21 17	112 27 58	3.0	.70	.50	.50	1,000	N	70	500	5.0
2355CM41	38 21 4	112 27 6	3.0	1.00	1.00	.70	1,000	N	50	1,000	5.0
2356CM41	38 21 3	112 27 7	3.0	1.00	1.00	.70	1,000	<.5	30	1,000	2.0
2358CM44	38 0 53	112 19 36	3.0	1.00	1.50	.50	1,500	N	30	700	1.0
2360CM44	38 1 1	112 18 55	10.0	1.50	3.00	.70	1,500	N	20	1,000	<1.0
2361CM44	38 2 10	112 20 47	7.0	1.50	2.00	1.00	1,500	N	30	1,000	1.0
2363CM44	38 6 16	112 20 15	3.0	1.50	2.00	.30	1,000	N	30	1,000	1.5
2364CM44	38 6 32	112 16 55	7.0	1.00	1.50	.70	1,500	N	30	700	<1.0
2365CM44	38 5 41	112 17 25	5.0	.70	1.50	.70	1,000	N	50	500	1.0
2366CM44	38 4 33	112 17 35	10.0	2.00	2.00	1.00	2,000	N	30	700	1.5
2367CM44	38 4 8	112 16 40	5.0	1.00	1.50	.70	1,000	N	20	700	1.0
2368CM44	38 5 22	112 15 37	3.0	1.50	2.00	.50	1,000	.5	30	500	1.0
2369CM44	38 2 32	112 18 15	5.0	1.00	1.50	.70	1,000	N	50	700	2.0
2370CM44	38 2 33	112 18 15	3.0	1.00	1.50	.30	1,000	N	30	500	1.5
2371CM44	38 2 21	112 18 25	3.0	1.50	2.00	.50	1,000	N	30	500	1.0
2372CM44	38 2 17	112 16 20	5.0	1.00	1.50	.50	1,500	N	20	700	2.0
2373CM44	38 0 24	112 15 55	3.0	2.00	2.00	.50	1,500	N	15	700	1.5
2375CM42	38 29 20	112 32 7	10.0	1.00	1.50	1.00	1,000	N	20	700	1.5

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
2319CM41	N	N	15	100	20	70	5	<20	30	50	N
2320CM41	N	N	30	200	70	150	5	20	50	70	N
2321CM41	N	N	20	70	50	100	N	<20	30	50	N
2322CM41	N	N	15	50	30	100	N	<20	15	50	N
2323CM41	N	N	20	150	30	100	N	<20	30	70	N
2324CM41	N	N	15	70	20	100	N	20	30	50	N
2325CM41	N	N	30	200	30	50	N	<20	50	30	N
2326CM41	N	N	20	200	20	100	N	<20	20	50	N
2327CM41	N	N	15	70	50	100	N	<20	20	70	N
2329CM41	N	N	10	70	50	50	N	<20	20	150	N
2332CM41	N	N	10	100	50	50	N	<20	20	50	N
2333CM41	N	N	10	70	50	50	N	<20	20	50	N
2334CM41	N	N	5	100	30	50	N	N	10	20	N
2336CM41	N	N	50	300	70	50	N	N	70	30	N
2337CM41	N	N	20	200	50	50	N	N	100	20	N
2339CM41	N	N	30	500	30	50	N	N	150	30	N
2340CM41	N	N	30	700	50	50	N	<20	150	30	N
2343CM44	N	N	20	70	50	50	N	N	30	20	N
2345CM42	N	N	15	30	20	100	N	<20	15	50	N
2346CM42	N	N	10	50	30	50	N	<20	15	70	N
2347CM42	N	N	10	100	30	50	N	<20	30	50	N
2348CM42	N	N	10	30	15	70	7	30	10	70	N
2349CM41	N	N	10	20	15	70	10	20	15	70	N
2350CM41	N	N	20	30	20	70	N	20	15	50	N
2351CM41	N	N	10	100	30	70	N	20	20	70	N
2352CM41	N	N	20	100	50	70	N	<20	30	50	N
2353CM41	N	N	50	10	20	70	N	20	70	50	N
2354CM41	N	N	7	30	20	50	5	30	10	70	N
2355CM41	N	N	15	70	30	70	N	20	20	30	N
2356CM41	N	N	10	70	50	50	N	<20	15	70	N
2358CM44	N	N	15	30	15	50	N	N	10	30	N
2360CM44	N	N	20	50	15	30	N	N	7	10	N
2361CM44	N	N	20	100	30	50	N	<20	20	30	N
2363CM44	N	N	15	30	15	50	N	N	15	50	N
2364CM44	N	N	20	50	15	50	N	N	20	20	N
2365CM44	N	N	10	30	10	100	N	<20	7	20	N
2366CM44	N	N	20	20	50	50	N	N	7	15	N
2367CM44	N	N	15	20	15	50	N	<20	5	20	N
2368CM44	N	N	10	15	15	50	N	N	7	30	N
2369CM44	N	N	15	70	15	50	N	<20	20	30	N
2370CM44	N	N	10	30	10	50	N	N	15	15	N
2371CM44	N	N	10	50	15	50	N	N	15	30	N
2372CM44	N	N	10	10	15	30	N	N	5	30	N
2373CM44	N	N	10	10	15	50	N	N	7	20	N
2375CM42	N	N	20	100	30	50	N	<20	20	50	N

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-SC	S-SN	S-SR	S-SV	S-SW	S-SY	S-ZN	S-ZR	S-TH
2319CM41	15	N	500	150	N	30	N	300	N
2320CM41	20	N	700	500	N	70	N	700	N
2321CM41	15	N	500	300	N	50	N	300	N
2322CM41	15	N	500	200	N	50	N	300	N
2323CM41	15	N	700	300	N	50	N	200	N
2324CM41	15	N	500	200	N	50	N	200	N
2325CM41	20	N	500	300	N	50	N	300	N
2326CM41	15	N	700	200	N	50	N	300	N
2327CM41	15	N	300	200	N	70	N	200	N
2329CM41	15	N	300	100	N	30	N	300	N
2332CM41	15	N	500	200	N	30	N	500	N
2333CM41	15	N	500	200	N	30	N	300	N
2334CM41	170	N	100	100	N	20	N	200	N
2336CM41	20	N	1,000	500	N	50	N	150	N
2337CM41	20	N	700	200	N	30	N	200	N
2339CM41	20	N	700	200	N	30	N	200	N
2340CM41	20	N	700	300	N	30	N	200	N
2343CM44	15	N	700	200	N	30	N	150	N
2345CM42	15	N	700	150	N	50	N	200	N
2346CM42	10	N	500	150	N	30	N	200	N
2347CM42	10	N	300	100	N	30	N	150	N
2348CM42	10	N	300	200	N	30	N	500	N
2349CM41	10	N	300	150	N	30	N	300	N
2350CM41	10	N	200	200	N	30	N	500	N
2351CM41	15	N	500	150	N	30	N	200	N
2352CM41	15	N	700	200	N	30	N	200	N
2353CM41	7	N	300	50	N	70	300	200	N
2354CM41	10	N	300	100	N	30	N	200	N
2355CM41	15	N	500	200	N	30	N	200	N
2356CM41	10	N	700	150	N	30	N	200	N
2358CM44	10	N	1,000	150	N	30	N	150	N
2360CM44	15	N	1,000	200	N	30	N	200	N
2361CM44	15	N	700	300	N	30	N	500	N
2363CM44	15	N	700	150	N	30	N	150	N
2364CM44	15	N	500	300	N	30	N	200	N
2365CM44	10	N	500	150	N	30	N	200	N
2366CM44	15	N	700	200	N	30	N	200	N
2367CM44	15	N	500	200	N	50	N	150	N
2368CM44	15	N	700	150	N	30	N	150	N
2369CM44	20	N	1,000	200	N	30	N	150	N
2370CM44	15	N	700	100	N	30	N	100	N
2371CM44	15	N	700	150	N	30	N	150	N
2372CM44	15	N	500	200	N	30	N	150	N
2373CM44	15	N	700	150	N	30	N	150	N
2375CM42	15	N	500	300	N	30	N	150	N

500

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	LATITUDE	LONGITUD	S-FEZ	S-MGX	S-CAZ	S-TIX	S-MN	S-AG	S-B	S-BA	S-BE
2376CM42	38 29 21	112 32 13	2.0	.70	1.00	.30	1,000	<.5	50	500	5.0
2377CM42	38 28 2	112 31 43	5.0	.70	.70	.30	1,000	N	30	300	3.0
2378CM42	38 27 59	112 31 43	3.0	.50	.70	.30	1,000	N	30	300	7.0
2379CM42	38 28 41	112 30 9	1.5	.50	.50	.30	1,500	N	70	300	7.0
2380CM42	38 28 37	112 30 8	1.5	.50	.50	.30	1,500	N	70	500	10.0
2382CM41	38 28 51	112 28 3	1.0	.30	.70	.30	1,000	N	50	200	15.0
2383CM41	38 28 45	112 28 15	1.0	.30	.50	.30	1,000	<.5	50	200	20.0
2384CM41	38 28 40	112 28 21	.7	.50	5.00	.20	500	<.5	30	150	1.0
2385CM41	38 28 1	112 28 11	1.0	.20	.20	.20	1,000	N	30	100	10.0
2386CM41	38 27 58	112 28 11	1.0	.30	.30	.20	1,500	N	30	100	20.0
2387CM41	38 28 2	112 25 18	1.5	.70	.70	.50	1,000	.5	20	1,000	5.0
2388CM41	38 21 56	112 28 59	3.0	.70	.50	.70	700	<.5	100	1,000	5.0
2389CM41	38 23 27	112 25 29	5.0	1.00	1.00	.70	1,000	N	20	700	7.0
2390CM41	38 22 54	112 26 39	1.5	.30	.20	.30	1,500	<.5	50	300	10.0
2391CM41	38 24 28	112 24 51	1.5	.20	.20	.15	2,000	<.5	20	70	15.0
2392CM41	38 26 29	112 26 36	1.0	.50	.70	.20	1,500	.5	50	200	20.0
2393CM41	38 27 5	112 22 40	2.0	.70	.70	.30	1,500	.7	70	500	50.0
2394CM41	38 27 29	112 19 2	5.0	1.50	1.00	.70	2,000	N	50	1,000	5.0
2395CM41	38 28 31	112 17 45	1.0	.30	.50	.30	1,500	N	50	300	5.0
2396CM42	38 29 29	112 35 55	5.0	.70	1.00	1.00	1,500	N	30	700	2.0
2397CM42	38 29 32	112 35 52	5.0	.70	1.50	.70	1,000	N	20	700	1.5
2398CM42	38 29 36	112 35 56	2.0	.70	1.00	.50	1,500	N	50	700	2.0
2399CM41	38 18 18	112 6 44	3.0	1.00	1.00	.50	1,000	N	30	700	2.0
2400CM41	38 17 12	112 6 11	5.0	1.00	1.50	.70	1,500	N	30	700	2.0
2401CM41	38 16 15	112 6 40	1.0	.50	.50	.20	1,000	N	50	500	2.0
2403CM41	38 15 53	112 4 5	5.0	1.50	1.50	.70	1,500	N	50	1,000	3.0
2404CM41	38 15 51	112 4 7	5.0	1.50	1.50	.70	1,500	N	30	1,000	2.0
2405CM41	38 16 14	112 3 57	5.0	1.00	1.50	.50	1,000	<.5	50	1,000	2.0
2406CM11	38 51 4	112 15 30	3.0	5.00	10.00	.30	1,000	N	70	300	1.0
2408CM11	38 51 18	112 16 34	2.0	3.00	7.00	.30	700	N	100	300	1.5
2409CM11	38 51 45	112 21 8	.7	.20	.20	.30	500	N	70	500	1.5
2410CM11	38 49 41	112 16 40	3.0	.70	1.00	.50	1,500	N	100	700	2.0
2411CM11	38 49 42	112 16 38	2.0	.50	.70	.50	1,000	N	100	500	2.0
2412CM11	38 49 33	112 16 29	1.5	.50	.70	.30	700	N	100	500	1.5
2413CM11	38 49 27	112 19 4	2.0	1.00	1.00	.30	1,000	N	150	500	3.0
2415CM11	38 47 53	112 22 26	1.5	.30	.50	.30	700	N	100	500	1.5
2416CM11	38 47 59	112 19 51	3.0	.50	.50	.70	1,000	N	150	500	2.0
2417CM11	38 48 8	112 17 6	1.0	.30	5.00	.20	500	N	50	150	1.0
2418CM11	38 47 52	112 15 16	1.5	.50	.70	.50	1,000	N	100	500	2.0
2419CM11	38 45 17	112 16 44	1.0	.20	.50	.50	700	N	100	700	1.0
2421CM41	38 46 30	112 19 14	3.0	.70	.70	.30	1,500	N	150	700	3.0
2422CM13	38 39 25	112 31 11	3.0	1.00	.70	.50	1,500	N	150	500	5.0
2423CM13	38 36 54	112 30 54	7.0	1.50	2.00	.70	1,500	N	30	700	1.0
2424CM14	38 32 22	112 20 22	5.0	.70	1.50	.70	1,000	N	30	700	5.0
2425CM14	38 39 32	112 2 16	5.0	2.00	2.00	.70	2,000	N	50	700	2.0

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
2376CM42	N	N	10	50	20	30	N	20	15	50	N
2377CM42	N	N	10	30	15	50	N	<20	10	15	N
2378CM42	N	N	7	30	20	50	N	30	10	50	N
2379CM42	N	N	7	20	15	50	N	50	15	70	N
2380CM42	N	N	5	50	15	50	N	100	7	70	N
2382CM41	N	N	5	20	10	70	N	50	5	70	N
2383CM41	N	N	N	15	5	50	N	50	<5	50	N
2384CM41	N	N	5	30	10	<20	N	N	10	15	N
2385CM41	N	N	N	<10	5	50	N	70	<5	70	N
2386CM41	N	N	<5	10	5	70	N	70	<5	70	N
2387CM41	N	N	10	50	20	70	N	30	10	70	N
2388CM41	N	N	10	30	30	50	10	30	10	70	N
2389CM41	N	N	15	50	50	70	N	20	20	70	N
2390CM41	N	N	7	15	20	70	10	30	7	70	N
2391CM41	N	N	<5	<10	5	100	7	70	<5	300	N
2392CM41	N	N	5	15	15	100	7	30	7	100	N
2393CM41	N	N	5	50	50	70	N	<20	10	100	N
2394CM41	N	N	10	100	70	50	N	<20	20	50	N
2395CM41	N	N	5	20	15	30	N	30	7	70	N
2396CM42	N	N	20	200	20	70	N	50	20	30	N
2397CM42	N	N	20	100	20	50	N	<20	20	50	N
2398CM42	N	N	10	50	20	50	N	<20	20	50	N
2399CM41	N	N	10	50	30	50	N	N	15	30	N
2400CM41	N	N	30	100	50	70	N	<20	50	50	N
2401CM41	N	N	5	20	15	N	N	N	10	<10	N
2403CM41	N	N	30	200	50	100	N	20	100	50	N
2404CM41	N	N	20	300	50	100	N	<20	100	30	N
2405CM41	N	N	15	200	30	100	N	N	50	50	N
2406CM11	N	N	5	50	15	<20	N	<20	20	70	N
2408CM11	N	N	7	70	15	20	N	N	10	50	N
2409CM11	N	N	<5	15	10	N	N	N	5	15	N
2410CM11	N	N	10	100	20	50	N	20	30	50	N
2411CM11	N	N	7	50	20	20	N	<20	20	50	N
2412CM11	N	N	7	50	20	20	N	<20	20	30	N
2413CM11	N	N	7	50	15	20	N	N	15	50	N
2415CM11	N	N	5	50	20	N	N	N	15	30	N
2416CM11	N	N	7	50	50	20	N	<20	30	30	N
2417CM11	N	N	<5	30	10	N	N	N	7	20	N
2418CM11	N	N	7	30	20	20	N	<20	15	30	N
2419CM11	N	N	5	20	10	<20	N	<20	7	10	N
2421CM41	N	N	10	70	20	70	N	<20	20	30	N
2422CM13	N	N	15	70	30	50	N	<20	50	20	N
2423CM13	N	N	30	150	50	70	N	<20	70	50	N
2424CM14	N	N	15	100	20	100	N	20	20	30	N
2425CM14	N	N	30	70	70	70	N	N	30	50	N

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Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	S-TH
2376CM42	10	N	500	100	N	30	N	200	N
2377CM42	10	N	500	100	N	30	N	200	N
2378CM42	7	N	500	100	N	50	N	200	N
2379CM42	10	N	150	70	N	100	N	200	N
2380CM42	7	N	100	50	N	30	N	500	N
2382CM41	7	N	200	50	N	50	N	200	N
2383CM41	<5	N	100	30	N	100	N	500	N
2384CM41	7	N	100	20	N	20	N	150	N
2385CM41	5	N	<100	20	N	70	N	300	N
2386CM41	5	N	<100	20	N	50	N	200	N
2387CM41	10	N	500	100	N	30	N	300	N
2388CM41	10	N	200	100	N	70	N	300	N
2389CM41	15	N	500	300	N	50	N	200	N
2390CM41	7	N	200	70	N	70	<200	300	N
2391CM41	5	N	N	20	N	70	200	200	N
2392CM41	7	N	150	50	N	150	200	150	N
2393CM41	10	N	200	70	N	50	N	150	N
2394CM41	10	N	500	150	N	30	N	300	N
2395CM41	7	N	200	70	N	30	N	200	N
2396CM42	10	N	500	200	N	50	N	500	N
2397CM42	15	N	500	200	N	30	N	300	N
2398CM42	10	N	700	100	N	30	N	150	N
2399CM41	10	N	500	200	N	30	N	150	N
2400CM41	15	N	700	200	N	30	N	200	N
2401CM41	7	N	300	70	N	20	N	150	N
2403CM41	15	N	700	150	N	70	N	200	N
2404CM41	15	N	1,000	200	N	50	N	200	N
2405CM41	15	N	700	200	N	50	N	150	N
2406CM11	7	N	100	100	N	30	N	200	N
2408CM11	7	N	200	100	N	50	N	500	N
2409CM11	<5	N	100	50	N	20	N	700	N
2410CM11	10	N	150	150	N	30	N	300	N
2411CM11	10	N	100	100	N	30	N	200	N
2412CM11	10	N	100	70	N	50	N	500	N
2413CM11	10	N	100	70	N	30	N	200	N
2415CM11	7	N	100	100	N	20	N	150	N
2416CM11	10	N	150	100	N	30	N	700	N
2417CM11	5	N	100	30	N	30	N	300	N
2418CM11	10	N	100	70	N	30	N	200	N
2419CM11	5	N	100	50	N	30	N	500	N
2421CM41	10	N	150	100	N	70	N	700	N
2422CM13	15	N	150	200	N	30	N	300	N
2423CM13	20	N	700	300	N	30	N	200	N
2424CM14	15	N	1,000	200	N	30	N	200	N
2425CM14	20	N	1,000	200	N	30	N	300	N

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	LATITUDE	LONGITUD	S-FEX	S-MGX	S-CAZ	S-TIX	S-MN	S-AG	S-B	S-BA	S-BE
2426CM14	38 38 14	112 5 1	5.0	1.50	2.00	1.00	2,000	N	20	700	2.0
2427CM14	38 35 33	112 3 21	5.0	1.00	1.00	.70	2,000	N	500	700	5.0
2428CM14	38 34 41	112 3 22	5.0	1.00	1.00	.70	700	N	200	1,000	3.0
2429CM14	38 34 48	112 3 3	3.0	1.00	1.50	.50	2,000	N	150	1,000	5.0
2430CM14	38 32 43	112 2 0	2.0	.70	1.00	.70	1,000	N	100	700	7.0
2431CM14	38 30 52	112 6 20	3.0	1.00	1.00	.70	1,500	N	70	1,000	5.0
2432CM14	38 30 28	112 4 37	3.0	1.00	1.00	.70	700	N	50	700	3.0
2433CM14	38 32 58	112 6 44	5.0	.70	1.00	.70	1,500	N	50	1,000	2.0
2434CM41	38 27 11	112 27 21	1.0	.20	.20	.20	1,000	<.5	30	100	10.0
2435CM41	38 27 1	112 27 20	1.5	.20	.30	.20	5,000	N	70	150	50.0
2436CM41	38 24 27	112 21 6	7.0	2.00	1.00	.70	1,000	N	20	700	1.0
2437CM41	38 23 41	112 22 1	7.0	1.00	.70	.70	1,000	N	20	700	2.0
2438CM41	38 21 41	112 21 6	3.0	1.50	1.00	.70	1,000	N	20	1,000	2.0
2439CM41	38 19 28	112 19 32	5.0	2.00	2.00	.70	2,000	N	10	700	1.0
2440CM41	38 19 57	112 17 40	7.0	1.50	1.50	.70	1,500	N	30	700	2.0
2441CM41	38 19 57	112 15 2	1.5	1.00	3.00	.20	500	N	100	700	2.0
2442CM41	38 18 53	112 16 6	3.0	1.00	1.50	.50	1,000	N	30	700	2.0
2443CM41	38 16 51	112 19 12	5.0	5.00	2.00	.50	1,500	N	10	700	1.5
2444CM41	38 17 58	112 20 19	5.0	1.50	1.50	.70	1,000	N	20	700	1.5
2445CM41	38 16 24	112 23 42	10.0	1.00	1.50	.70	1,500	N	50	1,000	1.5
2446CM14	38 32 55	112 15 53	5.0	1.50	2.00	.50	1,000	N	15	500	1.0
2447CM44	38 6 30	112 0 55	15.0	2.00	2.00	>1.00	2,000	N	20	1,000	<1.0
2448CM44	38 5 25	112 2 45	3.0	.70	1.50	.50	700	N	20	500	2.0
2449CM44	38 0 31	112 2 29	7.0	1.00	1.50	1.00	1,500	N	30	700	1.0
2450CM44	38 1 7	112 0 28	5.0	1.00	1.50	.70	1,000	<.5	70	700	2.0
2451CM44	38 2 17	112 2 32	5.0	1.00	1.50	.70	1,500	N	30	500	1.0
2452CM44	38 2 22	112 2 1	15.0	1.50	2.00	1.00	1,500	N	30	500	<1.0
2453CM44	38 2 20	112 2 1	7.0	1.50	1.50	.70	1,000	N	50	500	1.0
2454CM44	38 3 24	112 2 51	7.0	1.50	2.00	.70	1,500	N	30	1,000	1.0
2455CM44	38 2 49	112 6 16	5.0	.70	1.00	.70	1,000	N	50	500	1.5
2456CM44	38 4 7	112 0 17	5.0	1.00	2.00	.70	700	N	70	500	2.0
2457CM44	38 4 59	112 4 49	5.0	.70	1.50	.70	1,000	N	50	700	1.0
2459CM44	38 4 32	112 8 20	3.0	.70	.70	.50	1,000	N	50	500	3.0
2464CM44	38 6 33	112 21 42	5.0	1.00	1.50	.50	1,500	N	50	700	2.0
2466CM44	38 7 3	112 14 18	5.0	1.50	2.00	.70	1,500	N	30	500	1.5
2467CM44	38 7 26	112 14 12	5.0	1.00	3.00	.50	1,500	N	20	700	1.0
2468CM44	38 7 27	112 14 10	5.0	1.00	2.00	.50	1,000	N	30	500	1.0
2469CM41	38 15 32	112 18 21	7.0	1.50	2.00	.70	1,000	N	30	700	1.0
2601CM14	38 40 42	112 16 15	3.0	.70	1.00	.50	1,000	N	50	700	3.0
2602CM11	38 48 56	112 6 35	.3	3.00	1.50	.10	300	<.5	20	150	<1.0
2603CM11	38 50 12	112 6 47	.3	5.00	15.00	.15	300	N	30	500	<1.0
2605CM11	38 50 2	112 3 6	1.0	5.00	15.00	.20	300	N	50	300	<1.0
2606CM11	38 51 37	112 5 59	1.0	5.00	10.00	.10	500	N	100	500	<1.0
2607CM11	38 52 0	112 6 45	.7	3.00	15.00	.15	500	<.5	50	150	<1.0
2608CM11	38 52 2	112 10 3	.5	3.00	15.00	.10	300	<.5	30	500	<1.0

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
2426CM14	N	N	30	70	50	70	N	<20	30	50	N
2427CM14	N	N	20	30	70	50	N	N	15	50	N
2428CM14	N	N	10	50	70	100	N	<20	10	50	N
2429CM14	N	N	15	70	50	100	N	20	20	70	N
2430CM14	N	N	15	100	30	70	N	<20	20	50	N
2431CM14	N	N	15	70	50	50	N	<20	30	70	N
2432CM14	N	N	15	150	50	100	N	<20	50	20	N
2433CM14	N	N	20	100	50	100	N	20	30	70	N
2434CM41	N	N	<5	20	5	70	S	50	<5	100	N
2435CM41	N	N	<5	15	7	300	<5	50	7	50	N
2436CM41	N	N	30	150	50	50	N	<20	50	70	N
2437CM41	N	N	20	150	50	70	N	<20	50	70	N
2438CM41	N	N	15	70	50	70	N	<20	30	70	N
2439CM41	N	N	30	50	30	30	N	N	20	50	N
2440CM41	N	N	20	100	30	70	N	<20	30	50	N
2441CM41	N	N	5	30	15	20	N	N	15	20	N
2442CM41	N	N	15	70	30	100	N	<20	30	30	N
2443CM41	N	N	30	500	50	50	N	N	150	30	N
2444CM41	N	N	30	300	50	50	N	N	100	20	N
2445CM41	N	N	30	100	70	70	N	<20	50	30	N
2446CM14	N	N	20	20	20	50	N	N	15	15	N
2447CM44	N	N	50	150	30	70	N	<20	70	30	N
2448CM44	N	N	10	50	7	50	N	N	15	10	N
2449CM44	N	N	30	70	15	70	N	<20	20	20	N
2450CM44	N	N	20	70	15	70	N	<20	15	30	N
2451CM44	N	N	30	70	15	100	N	<20	15	20	N
2452CM44	N	N	50	150	20	70	N	<20	20	30	N
2453CM44	N	N	20	200	20	50	N	<20	15	30	N
2454CM44	N	N	30	300	30	50	N	<20	100	30	N
2455CM44	N	N	15	50	20	100	N	<20	15	20	N
2456CM44	N	N	15	50	15	200	N	<20	30	20	N
2457CM44	N	N	20	50	20	50	N	<20	20	20	N
2459CM44	N	N	10	30	15	70	N	<20	15	20	N
2464CM44	N	N	20	50	50	50	N	<20	20	50	N
2466CM44	N	N	20	15	20	50	N	N	10	20	N
2467CM44	N	N	15	15	15	50	N	N	7	20	N
2468CM44	N	N	15	30	15	50	N	N	10	30	N
2469CM41	N	N	30	100	30	50	N	<20	50	30	N
2601CM14	N	N	20	70	50	100	N	<20	50	30	N
2602CM11	N	N	<5	15	5	N	N	N	5	10	N
2603CM11	N	N	<5	15	5	N	N	N	5	10	N
2605CM11	N	N	5	30	10	<20	N	N	10	10	N
2606CM11	N	N	<5	20	10	N	N	N	7	15	N
2607CM11	N	N	5	50	15	N	N	N	10	20	N
2608CM11	N	N	<5	30	7	N	N	N	7	15	N

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	S-TH
2426CM14	20	N	700	300	N	50	N	150	N
2427CM14	20	N	500	200	N	50	N	200	N
2428CM14	20	N	700	300	N	50	N	200	N
2429CM14	15	N	500	200	N	50	N	300	N
2430CM14	15	N	500	150	N	50	N	700	<100
2431CM14	15	N	500	200	N	50	N	300	N
2432CM14	15	N	500	200	N	50	N	500	N
2433CM14	15	N	500	300	N	50	N	300	N
2434CM41	7	N	<100	30	N	70	N	200	N
2435CM41	5	N	N	20	N	150	200	500	N
2436CM41	15	N	300	300	N	30	N	500	N
2437CM41	20	N	500	300	N	30	N	500	N
2438CM41	15	N	700	200	N	50	N	200	N
2439CM41	20	N	700	300	N	50	N	200	N
2440CM41	20	N	700	200	N	30	N	300	N
2441CM41	10	N	200	100	N	20	N	200	N
2442CM41	15	N	700	150	N	30	N	200	N
2443CM41	20	N	1,000	200	N	30	N	150	N
2444CM41	20	N	700	300	N	30	N	200	N
2445CM41	20	N	700	500	N	50	N	500	N
2446CM14	15	N	700	200	N	30	N	100	N
2447CM44	20	N	500	500	N	50	500	500	N
2448CM44	10	N	500	150	N	20	N	100	N
2449CM44	20	N	700	300	N	30	<200	200	N
2450CM44	15	N	700	300	N	30	N	200	N
2451CM44	15	N	500	300	N	30	N	300	N
2452CM44	20	N	500	500	N	30	N	500	N
2453CM44	15	N	500	300	N	30	N	500	N
2454CM44	15	N	700	300	N	30	N	200	N
2455CM44	15	N	500	200	N	30	N	200	N
2456CM44	15	N	500	200	N	50	N	200	N
2457CM44	15	N	500	200	N	30	N	500	N
2459CM44	15	N	500	150	N	50	N	200	N
2464CM44	15	N	500	200	N	50	N	200	N
2466CM44	15	N	700	300	N	30	N	150	N
2467CM44	15	N	700	150	N	30	N	200	N
2468CM44	15	N	700	200	N	30	N	200	N
2469CM41	20	N	700	200	N	30	N	150	N
2601CM14	15	N	500	200	N	30	N	200	N
2602CM11	5	N	200	20	N	10	N	150	N
2603CM11	<5	N	200	20	N	10	N	100	N
2605CM11	5	N	300	30	N	20	N	100	N
2606CM11	5	N	200	30	N	15	N	150	N
2607CM11	5	N	150	50	N	20	N	150	N
2608CM11	<5	N	500	20	N	15	N	100	N

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	LATITUDE	LONGITUDE	S-FEX	S-MGX	S-CAZ	S-TIX	S-MN	S-AG	S-B	S-BA	S-BE
2609CM11	38 52 10	112 10 20	.7	2.00	10.00	.10	300	<.5	70	300	1.0
2610CM11	38 49 54	112 8 49	2.0	3.00	7.00	.20	700	N	100	500	2.0
2611CM11	38 45 19	112 8 34	1.5	1.00	2.00	.30	700	N	100	1,500	1.5
2612CM11	38 45 24	112 11 40	1.0	2.00	10.00	.15	500	<.5	100	700	1.5
2613CM11	38 47 6	112 14 8	1.0	3.00	10.00	.15	500	N	70	200	1.0
2614CM11	38 47 59	112 10 42	.5	2.00	7.00	.15	300	N	70	300	1.0
2615CM11	38 50 20	112 11 4	1.0	1.00	5.00	.20	500	N	100	500	1.0
2616CM11	38 53 50	112 11 54	.7	1.00	3.00	.15	500	N	70	150	1.0
2617CM11	38 53 22	112 13 11	1.0	.30	.50	.30	700	N	70	500	2.0
2619CM11	38 54 58	112 0 19	1.0	1.50	3.00	.20	500	<.5	70	700	1.0
2620CM11	38 53 52	112 3 16	.7	3.00	10.00	.15	300	<.5	70	200	<1.0
2621CM11	38 53 35	112 7 9	.5	3.00	20.00	.15	500	N	30	300	<1.0
2622CM11	38 55 3	112 4 56	.5	2.00	10.00	.15	300	<.5	50	150	<1.0
2623CM11	38 56 16	112 6 25	2.0	2.00	7.00	.30	1,000	<.5	100	300	1.0
2624CM11	38 57 53	112 3 10	1.0	1.50	7.00	.20	500	<.5	100	300	1.5
2625CM11	38 59 34	112 6 45	1.0	.70	2.00	.30	500	N	100	300	1.5
2626CM11	38 58 38	112 7 57	1.0	.20	.50	.20	2,000	N	50	300	20.0
2627CM11	38 57 16	112 14 48	.7	.20	.20	.20	300	N	70	300	1.0
2628CM11	38 58 3	112 11 45	3.0	1.50	2.00	.30	700	N	150	500	3.0
2629CM11	38 54 26	112 18 13	1.0	.20	.50	.20	500	N	70	500	1.5
2630CM11	38 45 30	112 24 47	1.5	.70	1.00	.50	700	N	150	700	3.0
2631CM14	38 39 21	112 18 21	5.0	1.00	1.00	.50	1,500	N	70	1,000	3.0
2633CM14	38 40 1	112 19 30	7.0	1.00	1.00	.70	1,500	N	30	1,000	2.0
2634CM14	38 40 17	112 22 10	7.0	1.00	1.50	.70	1,500	N	30	700	2.0
2636CM14	38 37 38	112 20 15	5.0	1.50	2.00	.70	1,500	N	50	700	2.0
2638CM14	38 38 57	112 21 38	3.0	1.00	1.50	.50	1,000	N	70	500	3.0
2639CM14	38 35 47	112 22 47	3.0	1.00	1.00	.50	1,500	N	70	500	3.0
2640CM14	38 43 59	112 23 17	1.0	.30	.30	.30	700	N	70	300	1.0
2801CM12	38 57 29	112 29 44	2.0	1.00	1.50	.50	700	N	100	700	2.0
2803CM12	38 59 54	112 27 37	1.5	1.50	5.00	.30	500	N	200	700	3.0
2806CM11	38 47 11	112 23 33	2.0	.50	1.00	.50	700	N	100	500	2.0
2807CM11	38 45 48	112 23 8	1.0	.30	.50	.30	700	N	100	500	1.0
2808CM11	38 45 39	112 21 44	1.5	.20	.30	.30	500	N	50	300	<1.0
2810CM44	38 44 49	112 20 51	.7	.20	.30	.20	500	N	70	300	1.0
2811CM44	38 44 36	112 19 35	1.0	.30	.50	.20	500	N	100	300	1.0
2812CM11	38 49 14	112 21 35	.7	.20	.30	.20	500	N	50	300	1.0
2814CM11	38 50 14	112 20 37	1.0	1.00	1.50	.30	500	N	100	300	2.0
2815CM11	38 50 16	112 19 32	1.0	.30	.30	.20	500	N	70	300	1.5
2817CM11	38 56 38	112 15 7	.5	.15	.20	.15	200	N	70	300	1.5
2819CM11	38 57 15	112 15 19	2.0	.50	.70	.50	500	N	100	700	3.0
2820CM11	38 55 34	112 16 13	1.0	.30	.30	.30	700	N	50	500	1.0
2822CM11	38 54 25	112 17 32	1.5	.30	.50	.30	700	N	70	500	1.5
2824CM14	38 53 40	112 20 12	2.0	1.50	7.00	.30	1,500	N	150	700	1.5
2828CM44	38 1 24	112 28 10	5.0	2.00	3.00	.70	1,500	N	30	1,500	2.0
2829CM44	38 8 12	112 23 19	10.0	2.00	3.00	1.00	2,000	N	20	1,000	1.0

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
2609CM11	N	N	<5	20	7	N	N	N	7	10	N
2610CM11	N	N	5	50	15	20	N	N	15	30	N
2611CM11	N	N	<5	30	10	150	N	N	7	30	N
2612CM11	N	N	<5	30	10	N	N	N	10	20	N
2613CM11	N	N	<5	20	10	N	N	N	5	20	N
2614CM11	N	N	<5	15	5	N	N	N	<5	10	N
2615CM11	N	N	<5	30	10	N	N	N	7	10	N
2616CM11	N	N	<5	20	7	N	N	N	5	15	N
2617CM11	N	N	<5	15	10	N	N	N	10	15	N
2619CM11	N	N	5	30	15	30	N	N	10	30	N
2620CM11	N	N	5	30	10	N	N	N	15	15	N
2621CM11	N	N	<5	20	7	N	N	N	5	10	N
2622CM11	N	N	<5	20	7	N	N	N	10	15	N
2623CM11	N	N	5	70	20	N	N	N	15	50	N
2624CM11	N	N	5	30	10	N	N	N	15	20	N
2625CM11	N	N	<5	30	10	N	N	N	15	15	N
2626CM11	N	N	<5	20	10	70	N	N	5	100	N
2627CM11	N	N	5	20	10	N	N	50	10	20	N
2628CM11	N	N	7	70	20	30	N	<20	30	30	N
2629CM11	N	N	5	20	15	N	N	N	15	15	N
2630CM11	N	N	7	50	20	20	N	<20	20	50	N
2631CM14	N	N	15	70	30	50	N	<20	20	50	N
2633CM14	N	N	15	100	20	50	N	<20	20	50	N
2634CM14	N	N	15	100	15	50	N	<20	20	30	N
2636CM14	N	N	15	70	20	50	N	<20	20	20	N
2638CM14	N	N	10	50	15	50	N	<20	15	50	N
2639CM14	N	N	10	50	15	50	N	20	15	20	N
2640CM14	N	N	5	20	10	N	N	N	15	50	N
2801CM12	N	N	15	100	15	30	N	<20	50	15	N
2803CM12	N	N	7	50	20	30	N	N	20	20	N
2806CM11	N	N	10	70	20	20	N	<20	20	30	N
2807CM11	N	N	7	30	10	20	N	<20	20	30	N
2808CM11	N	N	<5	30	10	N	N	<20	10	15	N
2810CM44	N	N	5	20	10	N	N	N	<5	N	N
2811CM44	N	N	5	20	15	N	N	N	5	10	N
2812CM11	N	N	5	15	10	N	N	N	7	15	N
2814CM11	N	N	5	20	10	N	N	N	7	10	N
2815CM11	N	N	<5	20	10	N	N	N	5	10	N
2817CM11	N	N	<5	15	<5	N	N	N	10	20	N
2819CM11	N	N	10	100	30	50	N	N	5	N	N
2820CM11	N	N	7	30	15	N	N	<20	20	30	N
2822CM11	N	N	5	30	10	N	N	N	20	N	N
2824CM14	N	N	10	70	30	70	N	N	10	10	N
2828CM44	N	N	20	150	30	50	N	<20	20	20	N
2829CM44	N	N	30	150	30	50	N	N	30	30	N

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	S-TH
2609CM11	<5	N	100	20	N	10	N	100	N
2610CM11	7	N	300	50	N	20	N	150	N
2611CM11	7	N	200	70	N	30	N	500	N
2612CM11	7	N	200	50	N	20	N	150	N
2613CM11	5	N	100	30	N	30	N	500	N
2614CM11	<5	N	100	20	N	20	N	150	N
2615CM11	7	N	100	50	N	20	N	200	N
2616CM11	5	N	<100	30	N	20	N	150	N
2617CM11	7	N	N	50	N	20	N	150	N
2619CM11	7	N	200	50	N	20	N	300	N
2620CM11	7	N	150	30	N	20	N	200	N
2621CM11	5	N	200	30	N	10	N	200	N
2622CM11	<5	N	300	30	N	15	N	100	N
2623CM11	7	N	150	150	N	30	N	150	N
2624CM11	7	N	150	50	N	20	N	200	N
2625CM11	7	N	<100	50	N	20	N	300	N
2626CM11	5	N	150	30	N	50	N	300	N
2627CM11	5	N	100	30	N	<10	N	150	N
2628CM11	10	N	150	100	N	50	N	200	N
2629CM11	5	N	100	50	N	20	N	200	N
2630CM11	10	N	150	100	N	30	N	200	N
2631CM14	15	N	300	150	N	30	N	200	N
2633CM14	15	N	700	200	N	50	N	300	N
2634CM14	15	N	500	150	N	30	N	200	N
2636CM14	15	N	700	200	N	30	N	300	N
2638CM14	15	N	500	150	N	30	N	300	N
2639CM14	15	N	500	100	N	30	N	300	N
2640CM14	5	N	150	50	N	20	N	200	N
2801CM12	15	N	500	150	N	30	N	150	N
2803CM12	15	N	500	100	N	30	N	200	N
2806CM11	10	N	200	100	N	30	N	200	N
2807CM11	5	N	150	70	N	20	N	500	N
2808CM11	<5	N	N	50	N	10	N	500	N
2810CM44	<5	N	100	30	N	10	N	300	N
2811CM44	5	N	<100	30	N	10	N	300	N
2812CM11	<5	N	<100	30	N	10	N	200	N
2814CM11	5	N	100	30	N	15	N	300	N
2815CM11	5	N	100	30	N	10	N	150	N
2817CM11	<5	N	N	20	N	<10	N	300	N
2819CM11	10	N	150	150	N	50	N	500	N
2820CM11	7	N	500	50	N	20	N	300	N
2822CM11	7	N	100	70	N	20	N	300	N
2824CM14	15	N	500	150	N	50	N	200	N
2828CM44	20	N	500	200	N	30	N	150	N
2829CM44	20	N	1,000	500	N	30	N	200	N

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	LATITUDE	LONGITUDE	S-FEX	S-MGX	S-CAZ	S-TIX	S-MN	S-AG	S-B	S-BA	S-BE
2830CM44	38 8 12	112 25 9	7.0	1.50	2.00	1.00	1,500	N	30	700	1.5
2831CM41	38 28 56	112 23 27	2.0	1.00	.50	.30	700	.5	30	500	7.0
2832CM41	38 29 12	112 23 20	1.0	.50	.70	.20	1,500	<.5	70	300	7.0
2833CM41	38 28 37	112 24 6	2.0	.70	.50	.30	1,000	N	70	300	15.0
2834CM41	38 28 34	112 24 9	2.0	.70	.70	.20	500	2.0	50	200	15.0
2837CM41	38 28 57	112 25 43	3.0	1.00	.50	.70	1,500	.7	50	700	3.0
2838CM41	38 29 0	112 25 44	3.0	1.00	.70	.50	1,000	<.5	50	1,000	3.0
2839CM41	38 29 5	112 25 54	3.0	.50	.50	.70	700	1.0	50	1,000	5.0
2841CM41	38 29 14	112 8 18	3.0	1.00	1.00	.70	1,500	N	200	1,500	2.0
2843CM41	38 27 22	112 8 35	2.0	.50	.70	.50	1,000	N	100	700	3.0
2844CM41	38 28 55	112 7 20	2.0	.50	.70	.50	1,000	N	200	1,000	3.0
2845CM41	38 26 30	112 8 32	3.0	.70	.70	.50	1,000	N	150	1,000	3.0
2846CM42	38 26 4	112 7 24	5.0	1.00	1.50	.70	1,500	N	50	700	5.0
2847CM41	38 24 58	112 8 20	2.0	1.00	2.00	.50	1,000	N	100	700	3.0
2849CM41	38 23 15	112 10 55	15.0	1.50	1.50	>1.00	2,000	N	30	700	1.0
2851CM41	38 21 30	112 2 31	3.0	1.00	1.50	.70	1,500	N	50	700	2.0
2853CM41	38 20 10	112 0 28	7.0	1.00	2.00	1.00	1,500	N	20	1,500	1.5
2854CM41	38 19 25	112 0 14	3.0	1.00	1.50	.50	1,000	N	50	700	1.5
2855CM41	38 18 34	112 0 40	2.0	.70	1.50	.20	500	N	30	500	1.5
2856CM44	38 8 18	112 12 12	10.0	1.50	2.00	>1.00	1,500	N	15	500	<1.0
2857CM44	38 9 35	112 12 51	5.0	1.50	2.00	.70	1,500	N	30	1,000	1.0
2858CM44	38 11 39	112 10 40	5.0	1.50	2.00	1.00	1,500	N	20	500	<1.0
2859CM44	38 11 38	112 10 45	5.0	1.50	2.00	1.00	1,500	<.5	20	500	<1.0
2860CM44	38 11 40	112 10 37	15.0	2.00	3.00	>1.00	2,000	N	15	500	1.0
2862CM44	38 11 23	112 9 2	7.0	1.50	2.00	1.00	1,500	N	30	700	1.5
2863CM44	38 11 40	112 8 2	7.0	1.50	5.00	.70	1,500	N	10	700	1.0
2864CM44	38 13 27	112 16 41	7.0	2.00	2.00	1.00	1,000	N	15	500	<1.0
2865CM44	38 13 40	112 18 29	5.0	1.00	2.00	.70	1,500	N	30	700	1.0
2867CM44	38 12 24	112 18 56	7.0	2.00	2.00	.70	1,500	N	30	1,000	1.0
2868CM44	38 11 30	112 19 19	5.0	1.00	2.00	.70	1,500	N	50	700	2.0
2869CM44	38 11 50	112 21 9	5.0	1.00	1.50	.50	1,000	N	50	700	1.0
2870CM44	38 12 3	112 21 13	3.0	.70	1.00	.70	1,500	N	50	700	2.0
2872CM44	38 9 55	112 19 41	7.0	1.50	3.00	>1.00	1,500	<.5	20	500	<1.0
2873CM44	38 9 54	112 19 46	7.0	.70	1.50	1.00	1,500	N	20	700	1.0
2874CM44	38 10 0	112 19 34	5.0	1.00	1.50	.70	1,000	N	50	500	1.0
2875CM44	38 9 52	112 21 2	7.0	1.50	1.50	1.00	1,500	N	30	700	1.0
2876CM44	38 8 25	112 18 50	3.0	1.00	1.50	.50	1,000	N	50	700	2.0
2877CM44	38 13 52	112 6 58	10.0	2.00	2.00	1.00	1,500	N	20	500	<1.0
2878CM44	38 11 46	112 6 56	5.0	1.50	2.00	.70	1,500	N	10	700	1.5
2879CM42	38 11 23	112 6 30	3.0	1.50	2.00	.50	1,500	N	15	700	1.0
2880CM44	38 11 2	112 4 47	3.0	1.00	5.00	.30	1,500	N	15	700	1.0
2881CM44	38 9 54	112 3 38	5.0	1.00	3.00	.50	1,500	N	20	700	1.0
2882CM44	38 9 43	112 2 53	7.0	1.50	2.00	1.00	1,500	N	15	500	1.5
2883CM44	38 11 18	112 2 27	5.0	1.50	2.00	.50	1,000	N	10	1,000	1.5
2884CM44	38 10 16	112 2 44	5.0	1.00	3.00	.50	1,500	N	15	700	1.5

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
2830CM44	N	N	20	20	30	50	N	N	10	20	N
2831CM41	N	N	5	15	20	70	N	30	7	50	N
2832CM41	N	N	5	20	15	50	N	30	10	150	N
2833CM41	N	N	5	20	15	100	N	30	10	70	N
2834CM41	N	N	5	15	15	200	N	<20	10	50	N
2837CM41	N	N	20	70	70	70	N	<20	50	30	N
2838CM41	N	N	10	70	50	50	N	<20	20	30	N
2839CM41	N	N	7	50	50	70	5	20	10	50	N
2841CM41	N	N	10	70	70	100	N	20	20	100	N
2843CM41	N	N	10	30	30	50	N	<20	15	30	N
2844CM41	N	N	7	20	50	70	<5	<20	10	70	N
2845CM41	N	N	15	70	30	70	N	20	20	50	N
2846CM42	N	N	15	50	50	100	N	<20	20	50	N
2847CM41	N	N	15	50	30	70	N	<20	20	70	N
2849CM41	N	N	50	200	30	70	N	<20	70	50	N
2851CM41	N	N	30	70	50	50	N	<20	50	30	N
2853CM41	N	N	15	50	70	50	N	<20	15	20	N
2854CM41	N	N	20	50	20	30	N	<20	20	30	N
2855CM41	N	N	7	30	20	30	N	N	15	30	N
2856CM44	N	N	50	70	20	100	N	N	20	20	N
2857CM44	N	N	20	70	15	70	N	N	20	30	N
2858CM44	N	N	30	50	20	30	N	<20	15	30	N
2859CM44	N	N	30	30	15	30	N	N	15	15	N
2860CM44	N	N	50	100	30	50	N	<20	30	30	N
2862CM44	N	N	30	100	15	50	N	<20	30	30	N
2863CM44	N	N	20	10	15	50	N	N	5	30	N
2864CM44	N	N	50	200	30	50	N	N	50	20	N
2865CM44	N	N	30	150	50	50	N	N	50	50	N
2867CM44	N	N	50	100	30	50	N	<20	50	30	N
2868CM44	N	N	20	50	20	50	N	<20	20	50	N
2869CM44	N	N	15	20	30	50	N	N	15	30	N
2870CM44	N	N	15	30	30	50	N	N	15	30	N
2872CM44	N	N	20	100	15	20	N	N	15	50	N
2873CM44	N	N	20	30	15	30	N	<20	10	20	N
2874CM44	N	N	20	30	20	50	N	<20	15	30	N
2875CM44	N	N	30	70	30	50	N	<20	30	30	N
2876CM44	N	N	15	30	15	50	N	N	15	15	N
2877CM44	N	N	30	200	30	50	N	<20	70	30	N
2878CM44	N	N	15	70	15	70	N	<20	30	30	N
2879CM42	N	N	20	70	15	50	N	N	20	30	N
2880CM44	N	N	15	50	15	50	N	N	15	50	N
2881CM44	N	N	15	10	15	50	N	<20	7	30	N
2882CM44	N	N	15	20	15	50	N	N	7	20	N
2883CM44	N	N	15	100	20	50	N	N	30	30	N
2884CM44	N	N	20	20	15	50	N	<20	10	30	N

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	S-TH
2830CM44	20	N	700	300	N	50	<200	300	N
2831CM41	7	N	300	100	N	30	N	200	N
2832CM41	7	N	300	50	N	30	N	150	N
2833CM41	5	N	200	100	N	30	N	300	N
2834CM41	7	N	200	100	N	70	N	150	N
2837CM41	15	N	300	150	N	50	200	200	N
2838CM41	15	N	300	200	N	30	N	300	N
2839CM41	10	N	300	150	N	30	N	300	N
2841CM41	15	N	500	150	N	50	N	700	N
2843CM41	10	N	300	150	N	30	N	300	N
2844CM41	15	N	500	150	N	30	N	300	N
2845CM41	15	N	500	200	N	50	N	500	N
2846CM42	15	N	500	200	N	50	N	500	N
2847CM41	15	N	700	200	N	50	N	200	N
2849CM41	20	N	500	700	N	30	300	200	N
2851CM41	20	N	700	200	N	30	N	200	N
2853CM41	10	N	1,500	200	N	30	N	300	N
2854CM41	15	N	700	150	N	30	N	150	N
2855CM41	10	N	700	100	N	20	N	100	N
2856CM44	20	N	500	700	N	30	700	150	N
2857CM44	15	N	700	200	N	30	N	200	N
2858CM44	15	N	700	300	N	30	N	200	N
2859CM44	15	N	700	300	N	30	<200	100	N
2860CM44	20	N	700	500	N	30	200	150	N
2862CM44	15	N	700	300	N	30	N	200	N
2863CM44	20	N	1,000	200	N	50	N	100	N
2864CM44	20	N	500	500	N	30	200	70	N
2865CM44	20	N	700	300	N	30	N	150	N
2867CM44	15	N	700	300	N	30	N	200	N
2868CM44	15	N	700	200	N	30	N	200	N
2869CM44	15	N	500	200	N	30	N	200	N
2870CM44	15	N	500	200	N	30	N	150	N
2872CM44	15	N	500	300	N	30	<200	300	N
2873CM44	15	N	700	300	N	30	200	150	N
2874CM44	20	N	500	300	N	30	N	200	N
2875CM44	20	N	500	300	N	30	N	200	N
2876CM44	15	N	700	150	N	30	N	150	N
2877CM44	15	N	500	300	N	30	N	150	N
2878CM44	15	N	700	200	N	30	N	150	N
2879CM42	15	N	700	200	N	50	N	150	N
2880CM44	15	N	1,000	150	N	30	N	150	N
2881CM44	15	N	1,000	200	N	30	N	150	N
2882CM44	15	N	700	200	N	50	N	100	N
2883CM44	15	N	1,000	200	N	30	N	150	N
2884CM44	15	N	1,000	200	N	30	N	150	N

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	LATITUDE	LONGITUDE	S-FEX	S-MGX	S-CAZ	S-TIX	S-MN	S-AG	S-B	S-BA	S-BE
2886CM44	38 12 53	112 1 59	3.0	1.50	1.50	.50	1,000	N	70	1,000	2.0
2887CM44	38 9 28	112 1 27	3.0	1.50	1.50	.30	1,000	N	100	700	2.0
2888CM44	38 9 27	112 1 29	3.0	1.00	2.00	.50	1,000	N	30	700	1.5
2889CM44	38 9 13	112 1 25	3.0	1.50	1.50	.50	1,000	N	70	700	2.0
2890CM44	38 12 3	112 4 15	5.0	1.00	1.50	.70	1,500	N	20	300	1.5

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB
2886CM44	N	N	20	200	20	50	N	<20	70	30	N
2887CM44	N	N	10	50	20	50	N	<20	15	50	N
2888CM44	N	N	10	70	15	50	N	<20	20	20	N
2889CM44	N	N	10	50	15	30	N	<20	20	30	N
2890CM44	N	N	15	15	15	50	N	<20	15	50	N

Table 1.--Less than 0.180mm fraction of stream sediments, Richfield 1x2 quadrangle, Utah--continued

Sample	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	S-TH
2886CM44	15	N	700	150	N	30	N	200	N
2887CM44	10	N	700	150	N	30	N	200	N
2888CM44	15	N	700	150	N	30	N	150	N
2889CM44	15	N	700	150	N	30	N	150	N
2890CM44	15	N	700	200	N	30	N	100	N