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GEOLOGICAL SURVEY

CHEMICAL ANALYSES AND STATISTICAL DATA
FOR STREAM SEDIMENT SAMPLES FROM THE
CHANDALAR QUADRANGLE, ALASKA

by

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

Analytical and statistical data for 1019 stream sediment samples from the Chandalar quadrangle are given on Table 1. The sample localities are shown on Figure 1. 848 of the samples were collected in the 1975 field season; 171 samples were collected from 1958-1967 (Brosgè and Reiser, 1970). Samples were collected from the active stream channel wherever possible; where this was not possible, samples were collected from bank or terrace deposits adjacent to the channel. The stream sediment samples were air dried and prepared by shaking through an 80-mesh stainless steel sieve. The minus-80-mesh fraction was saved for analyses. Most samples were analyzed by a six-step, DC-arc, semiquantitative emission spectrographic method described by Grimes and Marranzino (1968) for the analysis of geologic material.

Selected samples were analyzed for gold, silver, and zinc by atomic absorption methods described by Ward and others (1969). Antimony was determined by the atomic absorption method developed by Welsch and Chao (1975). Arsenic was analyzed by a colorimetric method described by Ward and others (1963). The analyses were done by M. De Valliere, A. Farley, Jr., E. E. Martinez, H. H. Mehnert, R. L. Miller, K. R. Murphy, S. Rickard, T. A. Roemer, Z. C. Stephenson, R. Vaughn, J. Criswell, M. Criswell, D. Detra, and J. Hoffman.

Explanation of Table 1

The listing of analyses (pages 1-75) contains the number for each sample; the latitude and longitude in degrees, minutes and seconds; and 40 columns of analyses presented on three successive pages. The following examples illustrate column headings:

- S-FE% - Semiquantitative spectrograph analysis of iron in percent.
- S-MN - Semiquantitative spectrograph analysis of manganese in parts per million.
- AA-AU-P - Atomic absorption analysis (partial extraction) of gold in parts per million.
- AA-AU-T - Atomic absorption analysis (total extraction) of gold in parts per million.
- CM-AS - Colorimetric analysis of arsenic in parts per million.
- AAA-AU - Fire assay analysis of gold.

At present, the spectrographic results of the stream sediment analyses are reported as the midpoints of geometric brackets whose boundaries are 1.2, 0.83, 0.56, 0.38, 0.26, 0.18, 0.12, etc. These midpoints are 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc. The precision of a reported value is approximately plus or minus one bracket at 68 percent confidence or two brackets at 95 percent confidence. Iron, magnesium, calcium, and titanium are given in percent; all other elements are reported in ppm.

The approximate visual lower limits of determination by spectrographic methods for the 30 elements included in this report were, for those given in percentage: iron, 0.05; magnesium, 0.2; calcium, 0.05; and titanium, 0.002; for those reported in ppm: manganese, 10; silver, 0.5; arsenic, 200; gold, 10; boron, 10; barium, 20; beryllium, 1; bismuth, 10; cadmium, 20; cobalt, 5; chromium, 10; copper, 5; lanthanum, 20; molybdenum, 5; niobium, 20; nickel, 5; lead, 10; antimony, 100; scandium, 5; tin, 10; strontium, 100; tungsten, 50; vanadium, 10; yttrium, 10; zinc, 200; and zirconium, 10.

At present, the lower limits of determination for elements determined by atomic absorption and colorimetric methods are reported in ppm as: Au, 0.05; Zn, 5; Sb, 1; and As, 10.

The older data (Brosgé and Reiser, 1970) for gold, silver, arsenic, antimony, and zinc that were determined by atomic absorption and colorimetric methods are listed and also have been recast into the six-step form of spectrographic analyses. The recasted data were combined with the spectrographic analyses of the 1975 samples by substituting in the recasted values for the appropriate elements.

The combined older data on pages 1-15 (Brosgé and Reiser, 1970) may show lower limits of determination (in ppm) for the following elements: manganese, 20; silver, 0.5; gold, 0.02; chromium, 5; copper, 2; molybdenum, 2; niobium, 10; nickel, 2; antimony, 0.5; strontium, 50; vanadium, 5; yttrium, 5; and zinc, 25.

References

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- Ward, F. N., Nakagawa, H. M., Harms, T. F., and Van Sickle, G. H., 1969, Atomic-absorption methods of analysis useful in geochemical exploration: U.S. Geol. Survey Bull. 1289, 45 p.
- Welsch, E. P., and Chao, T. T., 1975, Determination of trace amounts of antimony in geological materials by atomic absorption spectrometry: *Analytica Chimica Acta*, v. 76, p. 65-69.

TABLE 1. STREAM SEDIMENT SAMPLES FROM THE CHANDALAR QUADRANGLE, ALASKA

SAMPLE	LATITUDE	LONGITUDE	S-Pb%	S-Ug%	S-Cd%	S-Ti%	S-Mn	S-Ag	S-As	S-Au	S-B	S-Ra
59K505	67 11 56	148 43 26	0.00	0.00	0.00	.00	0.0	.00	0.0	0.0	0.0	0.0
59K596	67 56 3	149 20 18	0.00	0.00	0.00	.00	0.0	.00	0.0	0.0	0.0	0.0
60R110	67 31 24	148 53 21	0.00	0.00	0.00	.00	0.0	.00	0.0	0.0	0.0	0.0
60R12C	67 23 47	149 7 41	0.00	0.00	0.00	.00	0.0	.00	0.0	0.0	0.0	0.0
60R164	67 3 50	149 57 11	0.00	0.00	0.00	.00	0.0	.00	0.0	0.0	0.0	0.0
60R173	67 10 12	149 1 35	0.00	0.00	0.00	.00	0.0	.00	0.0	0.0	0.0	0.0
60R181A	67 34 22	148 9 29	0.00	0.00	0.00	.00	0.0	.00	0.0	0.0	0.0	0.0
60R198	67 15 44	149 58 0	0.00	0.00	0.00	.00	0.0	.00	0.0	0.0	0.0	0.0
60R200	67 14 30	149 51 16	0.00	0.00	0.00	.00	0.0	.00	0.0	0.0	0.0	0.0
60R213	67 36 13	148 36 50	0.00	0.00	0.00	.00	0.0	.00	0.0	0.0	0.0	0.0
60R215	67 36 45	148 35 29	0.00	0.00	0.00	.00	0.0	.00	0.0	0.0	0.0	0.0
60R261	67 19 39	148 31 42	0.00	0.00	0.00	.00	0.0	.00	0.0	0.0	0.0	0.0
60R278	67 41 41	148 7 14	0.00	0.00	0.00	.00	0.0	.00	0.0	0.0	0.0	0.0
60R336	67 50 8	148 39 42	0.00	0.00	0.00	.00	0.0	.00	0.0	0.0	0.0	0.0
60R353	67 40 27	147 54 39	0.00	0.00	0.00	.00	0.0	.00	0.0	0.0	0.0	0.0
60R3J9	67 55 32	148 36 9	0.00	0.00	0.00	.00	0.0	.00	0.0	0.0	0.0	0.0
60R490	67 12 14	147 42 34	0.00	0.00	0.00	.00	0.0	.00	0.0	0.0	0.0	0.0
60R51	67 30 42	149 39 15	0.00	0.00	0.00	.00	0.0	.00	0.0	0.0	0.0	0.0
60R54	67 30 47	149 43 19	0.00	0.00	0.00	.00	0.0	.00	0.0	0.0	0.0	0.0
60R543	67 46 27	147 11 12	0.00	0.00	0.00	.00	0.0	.00	0.0	0.0	0.0	0.0
60R59	67 32 25	149 41 39	0.00	0.00	0.00	.00	0.0	.00	0.0	0.0	0.0	0.0
60R77	67 26 40	148 45 38	0.00	0.00	0.00	.00	0.0	.00	0.0	0.0	0.0	0.0
60R77A	67 26 29	148 45 9	0.00	0.00	0.00	.00	0.0	.00	0.0	0.0	0.0	0.0
60R99	67 38 30	148 55 0	0.00	0.00	0.00	.00	0.0	.00	0.0	0.0	0.0	0.0
60R112	67 35 20	149 15 56	0.00	0.00	0.00	.00	0.0	.00	0.0	0.0	0.0	0.0
60R114	67 35 34	149 15 34	0.00	0.00	0.00	.00	0.0	.00	0.0	0.0	0.0	0.0
60R211X	67 14 11	149 33 5	0.00	0.00	0.00	.00	0.0	.00	0.0	0.0	0.0	0.0
60R241	67 39 34	149 49 59	0.00	0.00	0.00	.00	0.0	.00	0.0	0.0	0.0	0.0
60R328	67 44 16	148 56 15	0.00	0.00	0.00	.00	0.0	.00	0.0	0.0	0.0	0.0
60R343	67 50 31	148 38 3	0.00	0.00	0.00	.00	0.0	.00	0.0	0.0	0.0	0.0
60R344	67 49 54	148 44 35	0.00	0.00	0.00	.00	0.0	.00	0.0	0.0	0.0	0.0
60R345	67 49 41	148 41 15	0.00	0.00	0.00	.00	0.0	.00	0.0	0.0	0.0	0.0
60R346	67 50 12	148 32 44	0.00	0.00	0.00	.00	0.0	.00	0.0	0.0	0.0	0.0
60R347	67 47 48	148 27 54	0.00	0.00	0.00	.00	0.0	.00	0.0	0.0	0.0	0.0
60R348	67 44 43	148 31 50	0.00	0.00	0.00	.00	0.0	.00	0.0	0.0	0.0	0.0
60R349	67 46 15	148 24 1	0.00	0.00	0.00	.00	0.0	.00	0.0	0.0	0.0	0.0
60R350	67 45 38	148 18 3	0.00	0.00	0.00	.00	0.0	.00	0.0	0.0	0.0	0.0
60R351	67 42 24	148 19 27	0.00	0.00	0.00	.00	0.0	.00	0.0	0.0	0.0	0.0
60R352	67 39 33	148 22 39	0.00	0.00	0.00	.00	0.0	.00	0.0	0.0	0.0	0.0
60R353	67 39 2	148 24 13	0.00	0.00	0.00	.00	0.0	.00	0.0	0.0	0.0	0.0
60R354	67 38 53	148 28 51	0.00	0.00	0.00	.00	0.0	.00	0.0	0.0	0.0	0.0

SAMPLE	S-W	S-Y	S-ZN	S-ZR	AA-AU-P	AA-CU-P	AA-PH-P	AA-ZH-P	AA-AG-P	AA-SB-P	AA-AU-T	CM-AS	CM-SB	AAA-AU
59R565	0 B	0 B	0 B	0 B	.10 M	0.00 H	0 H	0 B	.60	0 R	0 H	0 B	0 B	0 B
59R598	0 B	0 B	0 R	0 R	.04 H	0.00 H	0 H	0 H	1.00	0 B	0 B	0 B	0 B	0 B
60R110	0 B	0 B	0 B	0 H	.02 A	0.00 A	0 R	0 R	1.20	0 B	0 H	0 R	0 B	0 B
60R126	0 B	0 B	0 R	0 B	.02 M	0.00 M	0 H	0 H	1.00	0 B	0 H	0 B	0 B	0 R
60R164	0 B	0 B	0 R	0 B	.02 M	0.00 B	0 H	0 H	.80	0 B	0 H	0 B	0 B	0 B
60R173	0 B	0 R	0 B	0 H	.02 H	0.00 H	0 R	0 R	.90	0 R	0 B	0 B	0 R	0 B
60R181A	0 B	0 B	0 B	0 H	.20	0.00 H	0 B	0 H	.80	0 B	0 H	0 B	0 B	0 B
60R198	0 B	0 B	0 R	0 B	.02 H	0.00 R	0 R	0 B	.60	0 B	0 H	0 B	0 B	0 B
60R200	0 B	0 B	0 R	0 B	.02 H	0.00 R	0 R	0 H	.70	0 B	0 R	0 B	0 B	0 B
60R213	0 B	0 B	0 B	0 B	.02 A	0.00 H	0 R	0 R	.90	0 R	0 R	0 B	0 B	0 B
60R215	0 B	0 B	0 B	0 B	.02 H	0.00 H	0 R	0 B	.40	0 B	0 H	0 H	0 B	0 R
60R261	0 B	0 B	0 R	0 H	.02 H	0.00 H	0 H	0 B	.70	0 R	0 B	0 B	0 B	0 B
60R288	0 B	0 B	0 R	0 B	.02 M	0.00 H	0 B	0 H	.90	0 B	0 B	0 R	0 B	0 B
60R336	0 B	0 B	0 B	0 B	.02 M	0.00 B	0 B	0 R	.90	0 B	0 R	0 B	0 R	0 R
60R353	0 B	0 B	0 R	0 B	.02 H	0.00 B	0 B	0 A	1.30	0 B	0 H	0 H	0 R	0 B
60R389	0 B	0 B	0 B	0 R	.02 M	0.00 B	0 B	0 B	1.00	0 R	0 H	0 B	0 B	0 B
60R490	0 B	0 B	0 B	0 B	.04 M	0.00 B	0 B	0 B	.80	0 B	0 H	0 B	0 B	0 B
60R51	0 B	0 R	0 B	0 B	.02 A	0.00 A	0 R	0 R	.60	0 R	0 H	0 B	0 R	0 B
60R54	0 B	0 R	0 B	0 H	.02 M	0.00 B	0 B	0 B	.70	0 R	0 R	0 B	0 R	0 B
60R543	0 B	0 R	0 B	0 R	.02 M	0.00 H	0 R	0 R	.70	0 R	0 H	0 B	0 B	0 B
60R54	0 B	0 B	0 B	0 R	.02 M	0.00 H	0 B	0 B	1.00	0 R	0 H	0 B	0 R	0 R
60R77	0 B	0 B	0 H	0 H	.02 M	0.00 B	0 B	0 A	.90	0 B	0 R	0 B	0 R	0 B
60R77A	0 B	0 R	0 B	0 H	.02 M	0.00 B	0 B	0 H	.50	0 B	0 R	0 B	0 R	0 B
60R98	0 B	0 B	0 B	0 B	.02 A	0.00 H	0 B	0 H	.70	0 B	0 A	0 B	0 R	0 B
60R112	0 B	0 B	0 B	0 B	.02 M	0.00 R	0 H	0 A	1.20	0 R	0 B	0 B	0 B	0 B
60R114	0 B	0 B	0 B	0 B	.02 M	0.00 H	0 B	0 R	1.00	0 R	0 H	0 B	0 R	0 R
60R211X	0 B	0 B	0 B	0 B	.02 M	0.00 H	0 R	0 B	.60	0 R	0 B	0 B	0 B	0 B
60R241	0 B	0 B	0 R	0 B	.02 M	0.00 H	0 H	0 R	.70	0 H	0 B	0 B	0 B	0 R
60R328	0 B	0 B	0 R	0 B	.02 M	0.00 B	0 H	0 B	2.00	0 B	0 R	0 B	0 B	0 B
60R343	0 B	0 B	0 B	0 B	.02 M	0.00 A	0 R	0 B	3.20	0 H	0 H	0 B	0 R	0 R
60R344	0 B	0 B	0 B	0 B	.02 M	0.00 H	0 B	0 H	.70	0 R	0 H	0 R	0 B	0 B
60R345	0 B	0 B	0 B	0 B	.02 M	0.00 H	0 B	0 B	.60	0 B	0 H	0 B	0 B	0 B
60R346	0 B	0 B	0 B	0 B	.02 M	0.00 H	0 H	0 H	1.80	0 R	0 R	0 B	0 R	0 B
60R347	0 B	0 B	0 B	0 H	.02 H	0.00 H	0 R	0 H	1.50	0 H	0 B	0 B	0 B	0 B
60R34R	0 B	0 B	0 R	0 B	.00 H	0.00 A	0 B	0 H	.00 H	0 H	0 A	0 B	0 R	0 R
60R349	0 B	0 B	0 B	0 H	.02 M	0.00 B	0 H	0 R	.50	0 R	0 H	0 R	0 B	0 B
60R350	0 B	0 B	0 R	0 A	.02 H	0.00 H	0 R	0 H	.80	0 R	0 H	0 H	0 B	0 B
60R351	0 B	0 B	0 R	0 R	.02 M	0.00 F	0 H	0 R	.80	0 R	0 H	0 H	0 B	0 B
60R352	0 B	0 R	0 R	0 H	.02 M	0.00 B	0 H	0 R	.90	0 B	0 H	0 R	0 B	0 B
60R353	0 B	0 B	0 R	0 B	.02 H	0.00 H	0 A	0 H	.60	0 R	0 H	0 B	0 R	0 B
60R354	0 B	0 B	0 H	0 B	.02 M	0.00 B	0 H	0 H	2.60	0 R	0 H	0 B	0 B	0 B

STREAM SEDIMENT SAMPLES FROM THE CHANDLAR QUADRANGLE, ALASKA--CONTINUED

SAMPLE	LATITUDE	LONGITUDE	S-Fe%	S-Mg%	S-Ca%	S-Ti%	S-Mn	S-AG	S-AS	S-AU	S-B	S-BA
60R91	67 34 9	149 22 23	0.0 B	0.0 H	0.00 B	.00 B	0 B	.0 B	0 H	0 B	0 B	0 B
67B14	67 30 54	148 12 50	15.0	0.3	0.05 L	.20	300	.5 L	200 L	0 B	100	0 B
67R1A	67 30 15	144 30 15	3.0	1.0	5.00	.20	500	.5 L	200 L	0 B	70	500
67B1C	67 30 15	148 30 15	2.0	0.7	5.00	.20	500	.5 L	200 L	0 B	70	500
67B21	67 30 32	148 20 3	2.0	0.3	0.10	.20	150	.5 L	200 L	0 B	30	2000
67B23	67 32 3	148 19 50	2.0	0.7	0.07	.30	300	.5 L	200 L	0 B	30	700
67R25A	67 32 8	148 18 15	3.0	0.7	0.07	.50	300	.5 L	200 L	0 B	100	500
67R25B	67 32 8	148 18 15	2.0	0.7	0.07	.50	300	.5 L	200 L	0 B	100	700
67B25C	67 32 8	148 18 15	2.0	0.7	0.07	.50	300	.5 L	200 L	0 B	50	500
67R26	67 30 39	148 14 43	2.0	0.7	0.05 L	.30	300	.5 L	200 L	0 B	50	1500
67R27	67 30 47	148 14 14	2.0	0.7	0.05 L	.30	300	.5 L	200 L	0 B	50	2000
67R28	67 31 27	148 12 35	2.0	0.7	0.07	.30	300	.5 L	200 L	0 B	30	1000
67B28A	67 31 29	148 13 0	2.0	0.7	0.07	.50	300	.5 L	200 L	0 B	30	1000
67R28B	67 31 29	148 17 59	2.0	0.7	0.07	.30	300	.5 L	200 L	0 B	30	1000
67B29	67 31 40	148 9 32	5.0	0.7	0.07	.50	300	.5 L	200 L	0 B	30	1000
67B2A	67 30 32	148 28 1	5.0	1.0	1.00	.70	1000	.5 L	200 L	0 B	150	2000
67R30	67 31 57	148 9 59	0.3	0.7	3.00	.20	500	.5 L	200 L	0 B	70	500
67B30A	67 31 57	148 9 59	0.3	0.7	0.15	.30	300	.5 L	200 L	0 B	70	1000
67R31A	67 31 5	148 11 13	3.0	0.7	0.20	.50	300	.5 L	200 L	0 B	10 L	1000
67B32	67 30 48	148 10 38	3.0	1.0	1.00	.70	1000	.5 L	200 L	0 B	70	2000
67B33	67 29 39	148 14 14	3.0	1.0	0.70	.30	500	.5 L	200 L	0 B	50	2000
67B3A	67 36 3	148 16 41	5.0	1.0	0.20	.50	500	.5 L	200 L	0 B	70	300
67R109	67 7 45	148 15 17	5.0	1.0	0.07	.50	300	.5 L	200 L	0 B	150	700
67R10A	67 33 47	150 0 0	5.0	1.0	0.50	.50	1000	.5 L	200 L	0 B	100	1500
67R10H	67 33 47	148 21 43	2.0	1.0	3.00	.20	500	.5 L	200 L	0 B	50	300
67R10C	67 33 47	148 21 43	1.5	0.7	2.00	.20	500	.5 L	200 L	0 B	50	300
67R125	67 24 2	148 2 34	1.5	0.7	0.70	.20	300	.5 L	200 L	0 B	70	700
67R126	67 28 54	147 57 39	1.5	0.7	0.30	.30	200	.5 L	200 L	0 B	70	500
67R127	67 29 15	148 6 15	1.5	0.7	0.07	.20	200	.5 L	200 L	0 B	70	1500
67R128	67 31 24	147 56 39	2.0	0.7	0.70	.20	300	.5 L	200 L	0 B	70	700
67R129	67 30 43	147 57 51	2.0	0.7	0.30	.30	300	.5 L	200 L	0 B	70	1500
67R12A	67 33 29	148 21 59	3.0	0.5	0.07	.20	200	.5 L	200 L	0 B	70	1000
67R12H	67 33 29	144 21 59	3.0	0.5	0.05	.50	500	.5 L	200 L	0 B	70	500
67R13	67 33 41	148 24 48	2.0	0.5	0.15	.50	300	.5 L	200 L	0 B	70	500
67R130	67 30 15	148 0 0	2.0	0.5	0.70	.30	300	.5 L	200 L	0 B	70	300
67R131	67 29 58	148 6 11	3.0	0.7	0.10	.20	200	.5 L	200 L	0 B	70	1000
67R132	67 30 24	148 6 29	3.0	1.0	0.10	.30	300	.5 L	200 L	0 B	70	2000
67R133	67 30 59	148 4 40	3.0	0.7	0.30	.20	300	.5 L	200 L	0 B	70	1500
67R134	67 31 21	148 2 54	2.0	1.0	0.10	.50	300	.5 L	200 L	0 B	100	700
67R135	67 32 44	148 7 18	3.0	1.0	0.15	.50	500	.5 L	200 L	0 B	70	1000

SAMPLE	S-BE	S-PI	S-CD	S-CN	S-CP	S-CU	S-DA	S-MO	S-NH	S-NI	S-PR	S-SB	S-SC	S-SN	S-SR	S-V
6CR01	0 B	0 B	0 B	0 B	C R	0 B	0 B	0 B	0 B	0 B	0 H	0 R	0 A	0 B	0 B	0 B
67B14	1.0 L	5 L	20 L	10 L	70	50	20 L	0 H	20 L	15	10 L	100 L	10	0 B	100 L	70
67B1A	1.0 L	5 L	20 L	10 L	15	30	20	0 H	20 L	20	10 L	100 N	10	10 L	100 L	70
67R1C	1.0 L	5 L	20 L	10 L	20	20	20 L	2 N	20 L	15	10 L	100 N	7	10 L	100 L	70
67B21	1.0 L	5 L	20 L	10 L	70	30	20	2	20 L	15	20	100 N	10	10 L	100 L	70
67R23	1.0 L	5 L	20 L	10	70	30	20	2	20 L	10	10 L	100 N	15	10 L	100 L	100
67B25A	1.0 L	5 L	20 L	10	70	30	20	2 L	20 L	20	30	100 N	15	10 L	100 L	100
67R25B	2.0	5 L	20 L	10 L	70	30	30	2 L	20 L	100	10 L	100 N	15	10 L	100 L	100
67R25C	1.0	5 L	20 L	10 L	150	20	20	2 L	20 L	70	10 L	100 N	15	10 L	100 L	70
67B26	1.0	5 L	20 L	10 L	70	50	30	2 L	20 L	150	10 L	100 N	15	10 L	100 L	100
67R27	1.0	5 L	20 L	10 L	70	50	20	2 L	20 L	10	10 L	100 N	15	10 L	100 L	100
67R28	1.0 L	5 L	20 L	10 L	70	20	30	2 L	20 L	7	10 L	100 N	15	10 L	100 L	200
67B28A	1.0 L	5 L	20 L	10 L	70	15	30	2 L	20 L	15	10 L	100 N	15	10 L	100 L	200
67B28B	1.0 L	5 L	20 L	10 L	70	20	30	2 L	20 L	15	10 L	100 N	15	10 L	100 L	100
67B29	1.0	5 L	20 L	10 L	150	30	70	2 L	20 L	15	10 L	100 N	15	10 L	100 L	100
67B2A	1.0 L	5 L	20 L	15	70	30	20	2 L	20 L	20	20	100 N	20	10 L	100 L	200
67B30	1.0	5 L	20 L	10	70	20	20	2 L	20 L	70	10	100 N	10	10 L	100 L	100
67B30A	1.0	5 L	20 L	10 L	100	20	70	2 L	20 L	15	10	100 N	15	10 L	100 L	150
67B31A	1.0	5 L	20 L	10 L	100	20	50	2 L	20 L	15	30	100 N	15	10 L	100 L	150
67B32	1.0 L	5 L	20 L	10 L	70	30	30	2 L	20 L	15	10	100 N	15	10 L	100 L	150
67R33	1.0 L	5 L	20 L	10	300	50	20 L	2 L	20 L	20	10 L	100 N	15	10 L	100 L	100
67B3A	1.0 L	5 L	20 L	10	15	30	20	2 L	20 L	70	10 L	100 N	20	10 L	100 L	150
67B3B	1.0 L	5 L	20 L	10	70	30	20	2 L	20 L	15	10 L	100 N	10	10 L	100 L	200
67R109	1.0 L	5 L	20 L	15	100	50	20	2 L	20 L	30	70	100 N	15	10 L	100 L	200
67R10A	1.0 L	5 L	20 L	30	100	20	20 L	2 L	20 L	15	15	100 N	15	10 L	100 L	70
67R10R	1.0 L	5 L	20 L	10	70	5	20	2 L	20 L	20	10 L	100 L	15	10 L	100 L	200
67R10C	1.0	5 L	20 L	10	50	5	20	2 L	20 L	20	10	100 N	10	10 L	150	30
67R125	1.0 L	5 L	20 L	30	100	15	20	2 L	20 L	20	10 L	100 N	10	10 L	100	50
67R126	1.0 L	5 L	20 L	10 L	50	15	20	2 L	20 L	20	10	100 N	10	10 L	100	70
67R127	1.0 L	5 L	20 L	10 L	70	20	20 L	2 L	20 L	15	10 L	100 L	15	10 L	100 L	100
67R128	1.0 L	5 L	20 L	10 L	70	20	30	2 L	20 L	15	10 L	100 L	15	10 L	100 L	150
67R129	1.0 L	5 L	20 L	10	100	20	50	2 L	20 L	15	10 L	100 L	15	10 L	100 L	200
67R12A	1.0 L	5 L	20 L	10 L	70	20	20	2 L	20 L	15	10 L	100 N	15	10 L	100 L	150
67R12B	1.0 L	5 L	20 L	30	150	15	70	7	20 L	15	10 L	100 L	15	10 L	100 L	100
67R13	1.0 L	5 L	20 L	15	150	10	20	2 L	20 L	70	20	100 N	7	10 L	100 L	100
67R130	1.0 L	5 L	20 L	30	70	10	50	2 L	20 L	15	10 L	100 N	15	10 L	100 L	100
67R131	2.0	5 L	20 L	10 L	70	20	20	2 L	20 L	20	15	100 N	15	10 L	100 L	100
67R132	1.0	5 L	20 L	10	100	15	20	2 L	20 L	15	10 L	100 L	15	10 L	100 L	150
67R133	1.0	5 L	20 L	10 L	150	30	70	2 L	20 L	70	20	100 N	15	10 L	100 L	100
67R134	1.0 L	5 L	20 L	10 L	150	10	20	2 L	20 L	15	10 L	100 L	15	10 L	100 L	100
67R135	1.0 L	5 L	20 L	10 L	70	15	50	2 L	20 L	20	10 L	100 N	15	10 L	100 L	100
				10	150	30	50	2	20 L	20	10 L	100 N	15	10 L	100 L	100

STREAM SEDIMENT SAMPLES FROM THE CHANDLER QUADRANGLE, ALASKA--CONTINUED

SAMPLE	S-W	S-Y	S-ZN	S-ZR	AA-AH-P	AA-CU-P	AA-PR-P	AA-ZN-P	AA-AG-P	AA-SR-P	AA-AU-I	CM-AS	CM-SB	AAA-AU
6CR91	0 B	0 B	0 R	0 B	.02 L	0.00 d	0 R	0 R	2.40	0 R	U H	0 B	0 B	0 B
67R14	50 L	5 L	200 L	50	.02 L	30.00	25 L	400	.50	0 R	U H	10	0 B	0 B
67R1A	50 L	5 L	200 L	100	.02 L	10.00	25 L	75	.30	0 B	U H	60	4	0 B
67R1C	50 L	5 L	200 L	70	.02 L	10.00 L	25 L	50	.25	0 R	U H	10	3	0 B
67R21	50 L	5 L	200 L	50	.02 L	33.00	25 L	40	.20	0 R	0 R	10	6	0 B
67R23	50 L	10	200 L	100	.02 L	19.00	25 L	85	.15	0 R	U H	10	4	0 B
67R25A	50 L	20	200 L	70	.02 L	13.00	25 L	100	.10	0 R	U H	60	3	0 B
67R25B	50 L	10	200 L	100	.04	14.00	25 L	190	.10	0 R	0 R	60	4	0 B
67R25C	50 L	15	200 L	100	.02 L	14.00	25 L	70	.15	0 R	U H	40	4	0 B
67R26	50 L	30	200 L	70	.04	13.00	25 L	110	.15	0 R	U H	40	4	0 B
67R27	50 L	5 L	200 L	70	.02 L	13.00	25 L	85	.20	0 R	0 B	40	4	0 B
67R28	50 L	5 L	200 L	70	.02 L	10.00	25 L	110	.10 L	0 R	0 R	30	6	0 B
67R28A	50 L	5 L	200 L	150	.02 L	10.00	25 L	100	.10 L	0 R	0 R	80	6	0 B
67R28R	50 L	10	200 L	100	.02 L	10.00	25 L	100	.10	0 R	0 R	20	4	0 B
67R29	50 L	20	200 L	200	.02 L	13.00	25 L	100	.15	0 R	0 R	30	5	0 B
67R2A	50 L	5 L	200 L	150	.02 L	10.00	25 L	70	.35	0 B	0 B	10	3	0 B
67R30	50 L	20	200 L	150	.02 L	12.00	25 L	110	.10	0 R	0 R	80	4	0 B
67R30A	50 L	30	200 L	150	.02 L	1R.00	25 L	100	.20	0 B	0 R	10 L	4	0 B
67R31A	50 L	15	200 L	100	.02 L	14.00	25 L	90	.10	0 R	0 R	20	4	0 B
67R32	50 L	7	200 L	100	.02 L	14.00	25 L	100	.20	0 B	0 B	20	4	0 B
67R33	50 L	5	200 L	150	.02 L	13.00	25 L	100	.10	0 R	0 R	30	8	0 B
67R3A	50 L	5 L	200 L	200	.02 L	10.00	25 L	65	.45	0 R	0 R	20	3	0 B
67R3B	50 L	5	200 L	200	.10	10.00	25	90	.35	0 R	0 R	30	5	0 B
67R109	50 L	20	200 L	70	.02 L	23.00	25 L	100	.10 L	0 R	0 R	20	4	0 B
67R10A	50 L	5 L	200 L	100	.02 L	10.00 L	25 L	70	.20	0 B	0 B	20	10	0 B
67R10H	50 L	5	200 L	100	.02 L	10.00 L	25 L	50	.15	0 B	0 R	20	2	0 B
67R10C	50 L	10	200 L	100	.02 L	15.00	25	100	.30	0 R	0 R	20	3	0 B
67R125	50 L	30	200 L	150	.02 L	15.00	25 L	33	.10	0 R	0 R	10 L	5	0 B
67R126	50 L	7	200 L	150	.02 L	0.12	25 L	34	.15	0 B	0 R	30	5	0 B
67R127	50 L	20	200 L	150	.02 L	11.00	25 L	64	.25	0 R	0 R	10	6	0 B
67R12H	50 L	20	200 L	100	.02 L	15.00	25 L	48	.20	0 R	0 R	10 L	5	0 B
67R129	50 L	10	200 L	150	.02 L	16.00	25 L	46	.10 L	0 R	0 R	20	8	0 B
67R12A	50 L	30	200 L	100	.02 L	30.00	25 L	150	.20	0 B	0 R	30	15	0 B
67R12H	50 L	5	200 L	100	.02 L	10.00 L	25 L	65	.25	0 B	0 R	30	1	0 B
67R13	50 L	20	200 L	70	.02 L	10.00	25 L	100	.15	0 R	0 R	20	2	0 B
67P130	50 L	15	200 L	150	.02 L	30.00	25 L	40	.25	0 R	0 R	10 L	6	0 B
67R131	50 L	30	200 L	150	.02 L	14.00	25 L	44	.15	0 R	0 R	20	5	0 B
67R132	50 L	10	200 L	100	.04	15.00	25 L	73	.15	0 R	0 R	30	8	0 B
67R133	50 L	5	200 L	100	.04	23.00	25 L	30	.15	0 R	0 R	20	8	0 B
67R134	50 L	20	200 L	150	.02 L	30.00	25 L	55	.15	0 R	0 R	10	5	0 B
67R135	50 L	20	200 L	150	.02 L	31.00	25 L	50	.10	0 R	0 R	15	5	0 B

STREAM SEDIMENT SAMPLES FROM THE CRANDALL QUADRANGLE, ALASKA--CONTINUED

SAMPLE	LATITUDE	LONGITUDE	S-FE%	S-MG%	S-CA%	S-TJ%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA
67R136	67 32 47	148 4 0	3.0	1.0	0.15	.50	300	.5 L	200 L	0 B	100	700
67R137	67 33 0	148 1 0	3.0	1.0	0.30	.50	300	.5 L	200 L	0 B	100	1000
67R138	67 36 12	147 58 57	2.0	1.0	0.20	.50	1500	.5 L	200 L	0 B	150	500
67R139	67 34 9	147 54 1	2.0	1.0	0.70	.50	500	.5 L	200 L	0 B	70	700
67R14	67 35 17	148 25 57	1.5	0.5	0.15	.30	300	.5 L	200 L	0 B	50	700
67R140	67 34 5	148 9 33	3.0	1.0	0.15	.50	500	.5 L	200 L	0 B	100	1000
67R141	67 34 41	148 9 57	3.0	1.0	0.50	.30	300	.5 L	200 L	0 B	100	1500
67R142	67 37 53	148 6 43	2.0	0.7	0.10	.50	700	.5 L	200 L	0 B	100	200
67R143	67 37 24	148 11 57	2.0	1.0	2.00	.50	500	.5 L	200 L	0 B	70	700
67R144	67 50 36	148 43 59	2.0	1.5	15.00	.30	700	.5	200 L	0 B	100	1000
67R145	67 50 45	148 45 20	2.0	1.0	7.00	.50	500	.5 L	200 L	0 B	70	1000
67R146	67 50 53	148 43 58	1.5	5.0	20.00	.03	700	.5 L	200 L	0 B	10 L	100 L
67R147	67 49 44	148 45 1	2.0	1.0	2.00	.30	300	.5 L	200 L	0 B	50	500
67R148	67 49 49	148 40 0	2.0	0.7	1.00	.30	300	.5 L	200 L	0 B	70	300
67R149	67 50 54	148 38 7	3.0	5.0	10.00	.20	500	.5 L	200 L	0 B	50	1000
67R15	67 37 10	148 25 41	2.0	0.7	0.10	.30	300	.5 L	200 L	0 B	50	500
67R150	67 36 27	148 42 10	3.0	1.5	5.00	.20	300	.5 L	200 L	0 B	70	500
67R151	67 49 9	148 27 37	3.0	1.5	1.00	.20	500	.5 L	200 L	0 B	100	700
67R152	67 47 48	148 27 51	3.0	1.5	2.00	.30	500	.5 L	200 L	0 B	100	700
67R153	67 45 34	148 25 17	2.0	1.5	0.70	.15	300	.5	200 L	0 B	30	200
67R154	67 35 4	148 46 8	2.0	0.7	0.70	.15	300	.5 L	200 L	0 B	50	300
67R155	67 36 2	148 46 56	3.0	1.0	2.00	.30	300	.5 L	200 L	0 B	100	1000
67R156	67 35 30	148 43 30	3.0	1.0	0.70	.20	500	.5 L	200 L	0 B	70	700
67R157	67 37 8	148 42 20	3.0	1.0	0.70	.50	1000	.5 L	200 L	0 B	200	2000
67R158	67 36 25	148 42 10	2.0	0.7	0.70	.15	300	.5 L	200 L	0 B	50	500
67R159	67 36 7	148 41 17	3.0	1.5	0.70	.30	500	.5 L	200 L	0 B	70	700
67R15A	67 37 10	148 25 41	3.0	0.5	0.20	.50	300	.5 L	200 L	0 B	30	500
67R16	67 37 18	148 21 33	2.0	0.5	0.15	.50	200	.5 L	200 L	0 B	70	500
67R160	67 37 45	148 36 25	3.0	1.0	0.70	.20	500	.5 L	200 L	0 B	70	700
67R161	67 36 42	148 33 57	3.0	0.7	1.50	.30	500	.5 L	200 L	0 B	100	1000
67R162	67 28 47	148 29 22	2.0	0.7	0.50	.30	300	.5 L	200 L	0 B	100	1000
67R163	67 26 41	147 9 19	2.0	0.7	0.15	.30	300	.5 L	200 L	0 B	100	700
67R16A	67 37 16	148 21 33	2.0	0.5	0.15	.50	500	.5 L	200 L	0 B	70	500
67R17	67 36 38	148 16 0	2.0	0.5	0.20	.50	300	.5 L	200 L	0 B	70	1000
67R174	67 24 17	147 1 9	2.0	0.7	0.15	.30	300	.5 L	200 L	0 B	70	500
67R174A	67 24 24	147 0 47	3.0	0.7	0.30	.20	300	.5 L	200 L	0 B	50	500
67R175	67 26 52	147 11 39	3.0	0.7	0.20	.15	500	.5 L	200 L	0 B	50	300
67R176	67 24 45	147 26 44	3.0	0.7	0.20	.15	300	.5 L	200 L	0 B	30	300
67R176A	67 25 5	147 26 43	3.0	0.7	0.30	.15	300	.5 L	200 L	0 B	50	700
67R17A	67 36 36	148 16 0	1.5	0.3	0.50	.50	300	.5 L	200 L	0 B	70	700
67R18	67 34 35	148 14 39	3.0	0.5	0.15	.50	500	.5 L	200 L	0 B	50	700

STREAM SEDIMENT SAMPLES FROM THE CHAROLAR QUADRANGLE, ALASKA--CONTINUED

SAMPLE	S=BE	S=BI	S=CD	S=CO	S=CH	S=CU	S=LA	S=MO	S=NB	S=NI	S=PB	S=SH	S=SC	S=SN	S=SR	S=V
67R136	1.0 L	5 L	20 L	10 L	100	30	30	2 L	20 L	15	10 L	100 M	10	10 L	100	100
67R137	1.0 L	5 L	20 L	10 L	100	20	50	2 L	20 L	15	10 L	100 M	15	10 L	150	100
67R138	1.0 L	5 L	20 L	10 L	70	30	50	2 L	20 L	30	20	100 M	15	10 L	150	100
67R139	1.0 L	5 L	20 L	10 L	70	20	20	2 L	20 L	30	10 L	100 M	10	10 L	100	100
67R14	1.0 L	5 L	20 L	15	70	5	20	2 L	20 L	15	10	100 F	15	10 L	100	100
67R140	1.0 L	5 L	20 L	10	100	30	70	2 L	20 L	30	30	100 M	15	10 L	100	100
67R141	1.0 L	5 L	20 L	10 L	150	50	70	2 L	20 L	30	30	100 M	15	10 L	100	100
67R142	1.0 L	5 L	20 L	10 L	70	20	20 L	2 L	20 L	15	10 L	100 M	7	10 L	100	70
67R143	1.0 L	5 L	20 L	10 L	70	20	50	2 L	20 L	20	20	100 M	15	10 L	150	100
67R144	1.0 L	5 L	20 L	10 L	70	15	20 L	2 L	20 L	15	1000	100 M	10	10 L	200	70
67R145	1.0 L	5 L	20 L	10 L	70	50	20 L	2 L	20 L	15	50	100 N	10	10 L	150	100
67R146	1.0 L	5 L	20 L	10 L	50	15	20 L	2 L	20 L	7	700	100 F	5 L	10 L	100	30
67R147	1.0 L	5 L	20 L	10 L	70	15	20 L	2 L	20 L	15	10 L	100 N	15	10 L	150	100
67R148	1.0 L	5 L	20 L	10 L	70	15	20 L	2 L	20 L	15	10 L	100 M	10	10 L	150	100
67R149	1.0 L	5 L	20 L	10 L	100	20	20	2 L	20 L	20	30	100 N	15	10 L	200	150
67R15	1.0 L	5 L	20 L	20	70	7	20 L	2 L	20 L	20	10 L	100 F	10	10 L	100 L	70
67R150	1.0 L	5 L	20 L	10 L	70	15	20	2 L	20 L	20	20	100 N	15	10 L	100	150
67R151	1.0 L	5 L	20 L	10 L	70	15	50	2 L	20 L	20	10 L	100 N	15	10 L	100	150
67R152	1.0 L	5 L	20 L	10 L	150	20	70	2 L	20 L	30	20	100 N	15	10 L	500	150
67R153	1.5	5 L	20 L	10 L	15	15	20 L	2 L	20 L	7	20	100 M	20	10 L	200	100
67R154	1.5	5 L	20 L	10 L	15	15	20	2 L	20 L	10	20	100 M	15	10 L	150	100
67R155	1.0	5 L	20 L	10 L	70	15	20 L	2 L	20 L	15	20	100 M	10	10 L	100	200
67R156	1.0	5 L	20 L	10 L	50	20	20 L	2 L	20 L	15	20	100 F	15	10 L	150	150
67R157	1.0	5 L	20 L	15	70	20	50	2 L	20 L	50	10 L	100 M	20	10 L	150	150
67R158	1.5	5 L	20 L	10 L	20	15	20 L	2 L	20 L	15	10 L	100 L	30	10 L	100	70
67R159	1.0 L	5 L	20 L	10 L	70	20	20 L	2 L	20 L	20	10 L	100 L	5 L	10 L	150	150
67R15A	1.0 L	5 L	20 L	20	70	10	30	2 L	20 L	15	10	100 N	15	10 L	100	100
67R16	1.0 L	5 L	20 L	30	70	15	20	2 L	20 L	20	10 L	100 M	10	10 L	100 L	100
67R160	1.0 L	5 L	20 L	15	70	30	20	2 L	20 L	50	10 L	100 M	15	10 L	150	150
67R161	1.0	5 L	20 L	10 L	70	20	20 L	2 L	20 L	20	10 L	100 N	15	10 L	100	150
67R162	1.0 L	5 L	20 L	10 L	50	20	20 L	2 L	20 L	20	10 L	100 L	10	10 L	100	100
67R163	1.0 L	5 L	20 L	10 L	50	20	20 L	2 L	20 L	15	10 L	100 L	10	10 L	100	100
67R16A	1.0 L	5 L	20 L	30	70	15	30	2 L	20 L	20	10 L	100 M	10	10 L	100 L	70
67R17	1.0 L	5 L	20 L	20	70	15	20	2 L	20 L	15	10 L	100 F	10	10 L	100 L	100
67R174	1.5	5 L	20 L	10 L	70	30	30	2 L	20 L	15	10	100 F	10	10 L	150	100
67R174A	1.0 L	5 L	20 L	10 L	50	20	20 L	2 L	20 L	20	10 L	100 L	10	10 L	100	100
67R175	1.0 L	5 L	20 L	10 L	70	10	20	2 L	20 L	15	10 L	100 L	10	10 L	100	100
67R176	1.0 L	5 L	20 L	10 L	70	15	20 L	2 L	20 L	15	10 L	100 L	10	10 L	100 L	70
67R176A	1.0 L	5 L	20 L	10 L	70	15	30	2 L	20 L	15	10 L	100 L	7	10 L	100 L	50
67R17A	1.0 L	5 L	20 L	15	70	15	20	2 L	20 L	15	15	100 F	7	10 L	100 L	70
67R18	1.0 L	5 L	20 L	20	70	15	20	2 L	20 L	15	10 L	100 M	10	10 L	100 L	100

SAMPLE	S-W	S-Y	S-ZN	S-ZR	AA-AU-P	AA-CU-P	AA-PH-P	AA-ZN-P	AA-AG-P	AA-SR-P	AA-AU-T	CM-AS	CM-SB	AAA-AU
67R136	50 L	15	200 L	150	.02 L	28.00	25 L	52	.30	0 R	0 H	20	6	0 B
67R137	50 L	20	200 L	100	.02 L	25.00	25 L	50	.15	0 H	0 B	15	5	0 B
67R138	50 L	30	200 L	100	.02 L	28.00	25 L	60	.15	0 B	0 B	15	5	0 B
67R139	50 L	20	200 L	150	.02 L	17.00	25 L	54	.10	0 B	0 H	10	2	0 B
67R14	50 L	7	200 L	70	.02 L	10.00 L	25 L	63	.20	0 B	0 H	10	1	0 B
67R140	50 L	15	200 L	200	.05	35.00	25 L	92	.20	0 R	0 B	80	4	0 B
67R141	50 L	30	200 L	150	.02	35.00	25 L	78	.20	0 H	0 B	60	4	0 B
67R142	50 L	30	200 L	150	.02 L	20.00	25 L	30	.15	0 B	0 H	10	4	0 B
67R143	50 L	30	200 L	200	.02	25.00	25 L	40	.40	0 B	0 H	10	2	0 B
67R144	50 L	15	500	100	.04	10.00 L	300	400	1.15	0 B	0 H	160	4	0 B
67R145	50 L	15	200 L	150	.02 L	39.00	35	88	.50	0 B	0 H	40	4	0 B
67R146	50 L	5 L	300	20 L	.03	10.00 L	350	550	1.00	0 B	0 H	60	4	0 B
67R147	50 L	15	200 L	150	.05	42.00	25 L	32	.25	0 H	0 B	20	4	0 B
67R148	50 L	10	200 L	100	.02 L	35.00	25 L	27	.60	0 B	0 H	30	4	0 B
67R149	50 L	15	200 L	150	.02 L	21.00	25 L	50	.65	0 B	0 B	15	5	0 B
67R15	50 L	5	200 L	50	.02 L	10.00	25 L	93	.10	0 B	0 H	20	1 L	0 B
67R150	50 L	30	200 L	150	.02	31.00	25 L	28	.45	0 B	0 H	10	5	0 B
67R151	50 L	30	200 L	200	.02 L	0.32	25 L	43	.40	0 B	0 B	40	8	0 B
67R152	50 L	20	200 L	150	.02 L	31.00	25 L	32	.30	0 B	0 B	15	5	0 B
67R153	50 L	30	200 L	200	.02 L	29.00	25 L	25 L	.10 L	0 B	0 H	10 L	4	0 B
67R154	50 L	30	200 L	150	.02 L	20.00	25 L	27	.10 L	0 B	0 H	20	5	0 B
67R155	50 L	15	200 L	100	.02 L	23.00	25 L	33	.20	0 B	0 H	30	4	0 B
67R156	50 L	30	200 L	150	.02 L	24.00	25 L	50	.20	0 B	0 H	20	4	0 B
67R157	50 L	30	200 L	300	.02 L	42.00	25 L	73	.25	0 B	0 H	120	5	0 B
67R158	50 L	50	200 L	150	.02 L	25.00	25 L	30	.10 L	0 B	0 H	40	5	0 B
67R159	50 L	30	200 L	150	.02 L	30.00	25 L	52	.30	0 B	0 B	20	7	0 B
67R15A	50 L	10	200 L	70	.02 L	23.00	25	100	.20	0 B	0 B	20	1	0 B
67R16	50 L	7	200 L	200	.02 L	10.00 L	25 L	80	.20	0 B	0 B	20	1	0 B
67R160	50 L	50	200 L	100	.02 L	30.00	25 L	61	.15	0 B	0 H	20	6	0 B
67R161	50 L	30	200 L	150	.04	22.00	25 L	45	.15	0 H	0 H	30	4	0 B
67R162	50 L	10	200 L	150	.04	18.00	25 L	40	.10 L	0 B	0 H	10	5	0 B
67R163	50 L	10	200 L	100	.02 L	21.00	25 L	59	.15	0 B	0 H	10	4	0 B
67R16A	50 L	7	200 L	150	.02 L	25.00	25	130	.25	0 B	0 H	10	1	0 B
67R17	50 L	5	200 L	100	.02 L	11.00 L	25 L	40	.20	0 H	0 H	10	1	0 B
67R17A	50 L	10	200 L	100	.02 L	21.00	25 L	100	.30	0 H	0 H	30	6	0 B
67R174A	50 L	7	200 L	70	.02 L	16.00	25 L	62	.25	0 H	0 H	200	2	0 B
67R175	50 L	10	200 L	50	.02 L	17.00	25 L	62	.15	0 H	0 B	20	1	0 B
67R176	50 L	7	200 L	50	.02 L	17.00	25 L	55	.15	0 H	0 B	10	3	0 B
67R176A	50 L	20	200 L	70	.02 L	21.00	25 L	65	.30	0 H	0 H	20	4	0 B
67R17A	50 L	5 L	200 L	200	.02 L	14.00	25 L	58	.20	0 H	0 H	20	1 L	0 B
67R18	50 L	10	200 L	100	.02	10.00	30	115	.15	0 B	0 H	20	1	0 B

SAMPLE	LATITUDE	LONGITUD	S-FER	S-AGE	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA
67R18A	67 34 35	148 14 39	3.0	0.5	0.30	.30	300	.5 L	200 L	0 B	70	700
67R19	67 34 32	148 13 59	3.0	0.5	0.07	.50	300	.5 L	200 L	0 B	70	700
67R19A	67 34 32	148 13 59	3.0	0.5	0.07	.50	200	.5 L	200 L	0 B	70	1000
67R2	67 32 30	148 18 15	3.0	1.0	0.20	.50	500	.5 L	200 L	0 B	100	1500
67R20	67 30 2	148 38 29	5.0	0.7	0.07	.50	300	.5 L	200 L	0 B	50	700
67R20A	67 30 2	148 38 29	3.0	0.5	0.07	.50	300	.5 L	200 L	0 B	70	100
67R21	67 33 15	148 13 24	3.0	1.0	0.07	.30	300	.5 L	200 L	0 B	100	700
67R21R	67 33 15	148 13 24	2.0	0.5	0.05 L	.15	300	.5 L	200 L	0 B	30	1000
67R22	67 34 36	148 10 59	2.0	0.7	0.15	.50	300	.5 L	200 L	0 B	30	1000
67R22	67 31 45	148 20 25	2.0	0.7	0.15	.50	200	.5 L	200 L	0 B	50	1000
67R2A	67 32 30	148 18 15	5.0	1.0	0.10	.50	300	.5 L	200 L	0 B	100	1500
67R3	67 32 16	148 17 30	5.0	1.5	0.20	.50	300	.5 L	200 L	0 B	100	700
67R31	67 27 44	148 25 0	3.0	0.5	0.10	.50	300	.5 L	200 L	0 B	100	1500
67R31A	67 27 44	148 25 0	2.0	0.5	0.07	.30	300	.5 L	200 L	0 B	150	200
67R32	67 26 51	148 25 37	5.0	0.7	0.07	.50	300	.5 L	200 L	0 B	50	1000
67R33	67 26 48	148 24 51	5.0	1.0	0.07	.50	300	.5 L	200 L	0 B	50	1000
67R36	67 25 54	148 21 11	3.0	1.0	0.07	.50	300	.5 L	200 L	0 B	50	100
67R37	67 27 20	148 19 36	2.0	0.7	0.07	.30	300	.5 L	200 L	0 B	50	3000
67R38	67 27 15	148 18 15	3.0	0.7	0.10	.20	300	.5 L	200 L	0 B	50	2000
67R39	67 24 56	148 20 8	3.0	1.0	0.15	.20	300	.5 L	200 L	0 B	30	1000
67R4	67 31 59	148 18 29	5.0	1.5	0.20	.70	500	.5 L	200 L	0 B	100	500
67R40	67 25 5	148 18 33	2.0	0.7	0.20	.50	300	.5 L	200 L	0 B	30	1500
67R41	67 25 20	148 16 13	2.0	0.7	0.30	.30	300	.5 L	200 L	0 B	30	700
67R42	67 25 59	148 15 20	3.0	0.7	0.20	.30	300	.5 L	200 L	0 B	30	1500
67R43	67 25 31	148 14 48	3.0	0.7	0.15	.30	300	.5 L	200 L	0 B	50	1000
67R44	67 26 12	148 12 24	3.0	1.0	0.07	.50	200	.5 L	200 L	0 B	70	700
67R45	67 25 42	148 11 44	5.0	0.7	0.07	.50	300	.5 L	200 L	0 B	50	700
67R46	67 27 32	148 9 16	3.0	0.7	0.07	.30	300	.5 L	200 L	0 B	70	700
67R47	67 27 57	148 8 53	5.0	0.7	0.05	.50	200	.5 L	200 L	0 B	50	1000
67R48	67 26 15	148 7 15	5.0	0.7	0.05	.20	150	.5 L	200 L	0 B	50	3000
67R49	67 28 44	148 8 16	3.0	0.7	0.05	.50	200	.5 L	200 L	0 B	50	2000
67R5	67 31 35	148 19 2	5.0	1.5	0.20	.70	500	.5 L	200 L	0 B	100	500
67R50	67 28 20	148 10 5	5.0	1.0	0.20	.70	300	.5 L	200 L	0 B	70	1000
67R51	67 29 8	148 9 54	2.0	1.0	0.30	.30	300	.5 L	200 L	0 B	70	1500
67R52	67 29 0	148 9 34	5.0	0.7	0.05	.30	200	.5 L	200 L	0 B	100	1000
67R53	67 28 49	148 13 9	5.0	1.0	0.15	.50	300	.5 L	200 L	0 B	70	1500
67R53A	67 34 27	148 11 57	3.0	0.7	0.15	.70	500	.5 L	200 L	0 B	50	700
67R54	67 28 49	148 13 9	5.0	0.7	0.10	.50	300	.5 L	200 L	0 B	100	2000
67R54	67 29 12	148 14 17	3.0	1.0	0.15	.30	200	.5 L	200 L	0 B	100	1000
67R54B	67 29 12	148 14 17	2.0	1.0	0.07	.50	200	.5 L	200 L	0 B	50	1000
67R55	67 29 53	148 15 2	2.0	0.1	0.10	.20	300	.5 L	200 L	0 B	50	1500

67R53A 22A

SAMPLE	S=BE	S=BI	S=CD	S=CU	S=CK	S=CH	S=LA	S=MD	S=NR	S=NI	S=PB	S=SH	S=SC	S=SN	S=SR	S=V
67R18A	1.0 L	5 L	20 L	20	100	20	30	2 L	20 L	20	10	100 N	10	10 L	100 L	100
67R19	1.0 L	5 L	20 L	20	70	20	30	2 L	20 L	20	10 L	100 N	10	10 L	100 L	70
67R19A	1.0 L	5 L	20 L	20	70	50	30	2 L	20 L	20	10 L	100 N	10	10 L	100 L	100
67R2	1.0	5 L	20 L	10	100	20	20	2 L	20 L	20	10 L	100 N	15	10 L	100 L	70
67R20	2.0	5 L	20 L	20	100	10	30	2 L	20 L	15	10	100 N	10	10 L	100 L	100
67R20A	1.0	5 L	20 L	20	100	20	30	2 L	20 L	20	10	100 N	10	10 L	100 L	100
67R21	1.0	5 L	20 L	20	100	20	20	2 L	20 L	20	10 L	100 N	10	10 L	100 L	70
67R21B	1.0 L	5 L	20 L	30	50	15	70	2 L	20 L	30	10 L	100 N	10	10 L	100 L	100
67R22	1.5	5 L	20 L	20	70	5	30	2 L	20 L	15	10	100 N	5 L	10 L	100 L	150
67B22	1.0 L	5 L	20 L	10 L	70	15	20 L	2 L	20 L	15	10	100 N	15	10 L	100 L	150
67R2A	1.0 L	5 L	20 L	10	100	50	30	2 L	20 L	20	10 L	100 N	10	10 L	100 L	100
67R3	1.0 L	5 L	20 L	10	150	30	20	2 L	20 L	20	10 L	100 N	10	10 L	100 L	100
67R31	1.0	5 L	20 L	10	100	20	20	3	20 L	15	30	100 N	15	10 L	100 L	150
67R31A	1.0 L	5 L	20 L	10 L	70	10	20	2 L	20 L	10	10	100 N	10	10 L	100 L	100
67R32	1.5	5 L	20 L	10 L	70	30	20	5	20 L	15	10 L	100 N	15	10 L	100 L	100
67R33	1.0 L	5 L	20 L	10	150	30	20	5	20 L	15	15	100 N	15	10 L	100 L	100
67R36	1.0 L	5 L	20 L	10 L	150	20	20	3	20 L	10	20	100 N	10	10 L	100 L	200
67R37	1.0 L	5 L	20 L	10 L	100	20	20 L	2 L	20 L	10	10 L	100 N	10	10 L	100 L	100
67R38	1.0 L	5 L	20 L	10 L	100	20	20 L	2	20 L	7	20	100 N	10	10 L	100 L	100
67R39	1.0 L	5 L	20 L	10	150	20	20 L	2 L	20 L	15	20	100 N	15	10 L	100 L	70
67R4	1.0 L	5 L	20 L	15	100	50	20	2 N	20 L	70	10 L	100 N	10	10 L	100 L	70
67R40	1.0 L	5 L	20 L	10	70	20	20	2 L	20 L	15	10	100 N	15	10 L	100 L	70
67R41	1.0 L	5 L	20 L	10	70	20	20 L	2 L	20 L	15	20	100 N	15	10 L	100 L	100
67R42	1.0 L	5 L	20 L	10 L	150	20	20 L	2 L	20 L	15	10 L	100 N	15	10 L	100 L	100
67R43	1.0 L	5 L	20 L	10 L	100	20	20	2 L	20 L	15	10 L	100 N	15	10 L	100 L	100
67R44	1.0	5 L	20 L	10 L	50	10	30	2 L	20 L	15	15	100 N	15	10 L	100 L	150
67R45	1.0	5 L	20 L	10	50	20	30	2 L	20 L	15	10 L	100 N	15	10 L	100 L	100
67R46	1.0	5 L	20 L	50	50	30	30	2 L	20 L	15	30	100 N	15	10 L	100 L	100
67R47	1.0	5 L	20 L	10 L	30	20	30	2 L	20 L	15	10 L	100 N	15	10 L	100 L	100
67R48	1.0	5 L	20 L	10 L	30	30	30	15	20 L	15	20	100 N	15	10 L	100 L	150
67R49	1.0	5 L	20 L	10 L	50	30	30	2	20 L	10	30	100 N	15	10 L	100 L	150
67R5	1.0 L	5 L	20 L	10	100	70	20	2 L	20 L	70	15	100 N	15	10 L	100 L	100
67R50	1.0	5 L	20 L	10 L	30	30	50	2 L	20 L	15	10 L	100 N	15	10 L	100 L	100
67R51	1.0	5 L	20 L	10 L	50	20	50	2 L	20 L	15	10	100 N	15	10 L	100 L	100
67R52	1.0	5 L	20 L	10 L	30	15	30	2 L	20 L	15	10	100 N	20	10 L	100 L	150
67R53	1.0 L	5 L	20 L	10 L	100	20	30	2	20 L	50	10 L	100 N	20	10 L	100 L	100
67R53A	2.0	5 L	20 L	20	100	20	30	2 L	20 L	70	30	100 N	15	10 L	100 L	100
67R53A	1.0	5 L	20 L	10 L	30	30	30	2	20 L	15	20	100 N	30	10 L	100 L	100
67R54	1.0 L	5 L	20 L	10 L	50	20	30	2 L	20 L	30	20	100 N	20	10 L	100 L	70
67R54B	1.0 L	5 L	20 L	10 L	30	20	30	2 L	20 L	15	10 L	100 N	20	10 L	100 L	70
67R55	1.0 L	5 L	20 L	10 L	100	20	20 L	2 L	20 L	15	10 L	100 N	15	10 L	100 L	100

STREAM SEDIMENT SAMPLES FROM THE CHADLAR QUADRANGLE, ALASKA--CONTINUED

SAMPLE	S-W	S-Y	S-ZN	S-ZR	AA-AU-P	AA-CU-P	AA-PB-P	AA-Zn-P	AA-AG-P	AA-SB-P	AA-AU-T	CM-PAS	CM-SB	AAA-AU
67R18A	50 L	7	200 L	100	.07	22.00	25	44	.15	0 B	0 B	10	1	0 B
67R19	50 L	5	200 L	150	.07	12.00	25 L	45	.20	0 H	0 H	20	2	0 B
67R19A	50 L	15	200 L	150	.02	45.00	25	120	.55	0 B	0 B	20	3	0 B
67R2	50 L	5 L	200 L	150	.07	10.00	25 L	63	.30	0 A	0 B	20	2	0 B
67R20	50 L	10	200 L	70	.07 L	10.00	25 L	120	.25	0 H	0 H	40	3	0 B
67R20A	50 L	5	200 L	150	.07 L	16.00	40	90	.40	0 H	0 H	20	2	0 B
67R21	50 L	10	200 L	150	.02 L	14.00	25 L	100	.25	0 A	0 B	30	40	0 B
67R21R	50 L	20	200 L	50	.02 L	10.00	25	85	.35	0 H	0 B	30	2	0 B
67R22	50 L	7	200 L	150	.02 L	10.00 L	25 L	65	.15	0 H	0 B	20	2	0 B
67R22	50 L	15	200 L	70	.03	12.00	25 L	70	.30	0 B	0 H	30	4	0 B
67R2A	50 L	7	200 L	150	.02	10.00	25 L	70	.50	0 B	0 H	20	3	0 B
67R3	50 L	7	200 L	200	.02 L	23.00	25 L	58	.30	0 A	0 B	20	2	0 B
67R31	50 L	5 L	200 L	150	.02 L	19.00	25 L	70	.30	0 A	0 B	30	3	0 B
67R31A	50 L	5 L	200 L	70	.02 L	10.00 L	25 L	40	.25	0 H	0 H	40	5	0 B
67R32	50 L	5 L	200 L	150	.02 L	15.00	25 L	85	.10 L	0 A	0 B	20	3	0 B
67R33	50 L	7	200 L	100	.02 L	29.00	25 L	88	.40	0 B	0 B	20	8	0 B
67R36	50 L	10	200 L	150	.02 L	21.00	30	50	.35	0 A	0 B	20	5	0 B
67R37	50 L	5 L	200 L	70	.02 L	15.00	25 L	40	.25	0 A	0 B	20	6	0 B
67R38	50 L	5 L	200 L	100	.02 L	11.00	25 L	45	.20	0 A	0 B	40	6	0 B
67R39	50 L	10	200 L	100	.02 L	12.00	25 L	45	.25	0 A	0 B	20	4	0 B
67R4	50 L	5 L	200 L	150	.02 L	11.00	25 L	80	.25	0 H	0 H	60	3	0 B
67R40	50 L	5 L	200 L	200	.02 L	11.00	25	55	.25	0 B	0 B	30	5	0 B
67R41	50 L	15	200 L	150	.02 L	13.00	25	44	.20	0 A	0 A	20	5	0 B
67R42	50 L	5 L	200 L	150	.07 L	14.00	25 L	65	.30	0 A	0 B	30	4	0 B
67R43	50 L	10	200 L	150	.02 L	20.00	25 L	65	.30	0 A	0 B	10	4	0 B
67R44	50 L	10	200 L	100	.02 L	17.00	25 L	80	.20	0 B	0 A	10 L	5	0 B
67R45	50 L	7	200 L	150	.02 L	13.00	25 L	75	.25	0 A	0 B	20	4	0 B
67R46	50 L	10	200 L	100	.03	22.00	25	65	.40	0 B	0 B	10	3	0 B
67R47	50 L	5 L	200 L	100	.02 L	13.00	25 L	40	.35	0 A	0 H	20	3	0 B
67R48	50 L	7	200 L	100	.02 L	23.00	30	150	.45	0 A	0 A	120	3	0 B
67R49	50 L	5	200 L	150	.04	20.00	30	65	.40	0 H	0 H	60	6	0 B
67R5	50 L	5 L	200 L	150	.04	10.00	25 L	90	.35	0 H	0 B	40	3	0 B
67R50	50 L	5	200 L	150	.02 L	13.00	25	100	.20	0 A	0 B	40	6	0 B
67R51	50 L	5	200 L	100	.02	30.00	25	50	.35	0 H	0 H	10 L	6	0 B
67R52	50 L	5 L	200 L	100	.02 L	19.00	25	65	.25	0 A	0 B	20	2	0 B
67R53	50 L	5 L	200 L	100	.02 L	14.00	25 L	65	.25	0 H	0 B	20	5	0 B
67R53A	50 L	10	200 L	200	.02 L	14.00	25 L	140	.20	0 A	0 B	40	4	0 B
67R53A	50 L	5	200 L	150	.02	17.00	30	90	.20	0 A	0 B	10	5	0 B
67R54	50 L	10	200 L	100	.04	22.00	25 L	75	.25	0 H	0 B	30	4	0 B
67R54B	50 L	5 L	200 L	100	.020	13.00	25 L	95	.20	0 H	0 B	40	6	0 B
67R55	50 L	5 L	200 L	70	.07 L	10.00	25	45	.30	0 H	0 B	60	5	0 B

SAMPLE	LATITUDE	LONGITUD	S-PE#	S-G#	S-CA%	S-TI%	S-MAN	S-AG	S-AS	S-AU	S-B	S-BA
67R6	67 30 8	148 21 16	3.0	1.0	0.15	.30	300	.5 L	200 L	0 B	50	700
67R6A	67 30 8	148 21 16	3.0	1.0	0.15	.50	500	.5 L	200 L	0 B	100	1000
67R7	67 30 0	148 27 0	1.5	1.0	3.00	.20	500	.5 L	200 L	0 B	50	300
67R70L	67 27 15	150 0 0	5.0	1.0	3.00	.50	1000	.5 L	200 L	0 B	70	700
67R8	67 32 3	148 22 54	3.0	0.7	0.15	.30	500	.5 L	200 L	0 B	50	1500
67RA	67 32 3	148 22 54	3.0	0.7	0.07	.30	300	.5 L	200 L	0 B	50	1500
67R9	67 32 18	148 26 35	3.0	0.7	0.30	.30	500	.5 L	200 L	0 B	30	1500
CH001	67 27 46	148 33 46	10.0	3.0	5.00	.70	1500	.5 N	200 L	10 M	70	700
CH002	67 27 2	148 33 15	10.0	2.0	0.50	1.00	2000	.5 N	200 L	10 M	70	700
CH003	67 27 42	148 35 36	10.0	2.0	1.50	1.00	700	.5 N	200 M	10 M	30	300
CH004	67 31 14	148 39 42	5.0	1.0	1.50	.70	500	.5 N	200 M	10 M	20	200
CH005	67 29 8	148 42 7	10.0	2.0	2.00	1.00	1000	.5 M	200 M	10 M	70	300
CH006	67 28 35	148 46 8	5.0	1.5	1.50	.70	700	.5 N	200 M	10 M	50	500
CH007	67 29 30	148 43 3	10.0	2.0	2.00	.70	700	.5 N	200 M	10 M	50	700
CH008	67 29 4	148 49 59	10.0	3.0	2.00	.50	700	.5 N	200 M	10 M	15	500
CH009	67 28 44	148 50 50	10.0	2.0	5.00	.70	1000	.5 N	200 M	10 M	10	300
CH010	67 26 30	148 50 40	10.0	3.0	3.00	.70	1500	.5 N	200 M	10 M	10	500
CH011	67 26 8	148 50 57	15.0	0.7	0.20	.30	200	.5 N	200 M	10 M	10	300
CH012	67 25 35	148 56 12	15.0	2.0	2.00	.70	1500	.5 M	200 M	10 M	70	1000
CH013	67 24 29	148 48 5	15.0	2.0	0.50	.70	500	.5 N	200 M	10 M	100	1500
CH014	67 22 58	148 53 20	10.0	1.5	0.30	.30	2000	.5 N	200 M	10 M	50	1000
CH015	67 25 2	148 54 9	10.0	1.5	0.10	.70	500	.5 N	200 M	10 M	100	700
CH016	67 20 50	148 55 42	15.0	2.0	0.20	.70	1000	.5 N	200 M	10 M	100	1000
CH017	67 20 56	148 58 24	15.0	1.0	0.10	.30	500	2.0 M	200 G	10 M	50	700
CH018	67 19 58	148 51 5	3.0	0.7	1.00	.30	700	.5 M	200 M	10 M	20	300
CH019	67 20 49	148 55 46	3.0	1.0	0.20	.50	700	.5 N	200 M	10 M	70	500
CH020	67 17 39	148 50 58	5.0	1.0	0.50	.30	300	.5 N	200 L	10 M	50	300
CH021	67 17 26	148 52 32	10.0	2.0	2.00	.30	1000	.5 M	200 M	10 M	50	300
CH022	67 18 45	148 41 45	10.0	2.0	0.30	.50	300	.5 M	200 M	10 M	150	700
CH023	67 17 0	148 46 22	3.0	1.0	1.50	.30	300	1.0	200 M	10 M	100	300
CH024	67 18 42	148 36 56	15.0	0.2	2.00	.07	5000 G	.5 M	200 M	10 M	10 L	1500
CH025	67 15 20	148 45 24	3.0	0.7	1.00	.20	500	.5 M	200 M	10 M	30	300
CH026	67 16 17	148 31 24	3.0	1.0	1.00	.30	700	.5 M	200 M	10 M	30	300
CH027	67 15 21	148 36 25	2.0	0.5	1.00	.20	200	.5 M	200 M	10 M	30	200
CH028	67 58 51	149 56 3	5.0	1.0	0.15	.50	500	.5 M	200 M	10 M	70	300
CH029	67 59 2	149 55 15	10.0	2.0	0.20	.50	700	.5 N	200 L	10 M	70	500
CH030	67 58 44	149 56 31	10.0	2.0	0.20	.70	700	.5 M	200 M	10 M	70	500
CH031	67 57 51	149 54 57	10.0	1.0	0.20	.30	500	.5 M	200 M	10 M	70	500
CH032	67 57 37	149 56 7	5.0	2.0	0.20	.30	700	1.0	200 M	10 M	100	3000
CH032A	67 57 24	149 58 0	7.0	2.0	1.00	.70	300	3.0	200 M	10 M	200	2000
CH033	67 56 56	149 54 15	5.0	1.0	1.00	.30	500	.5	200 L	10 M	70	700

STREAM SEDIMENT SAMPLES FROM THE CHANDLAR QUADRANGLE, ALASKA--CONTINUED

SAMPLE	S-BE	S-BI	S-CD	S-CD	S-CH	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-RC	S-SN	S-SR	S-V
67R6	1.0 L	5 L	20 L	10	70	20	20	2 N	20	20	10 L	100 N	10	10 L	100	70
67R6A	1.5	5 L	20 L	10	100	15	30	2 L	20 L	15	15	100 N	10	10 L	100	100
67R7	1.0 L	5 L	20 L	10	30	7	20 L	2 N	20 L	20	10 L	100 N	10	10 L	100	50
67R70L	1.0 L	5 L	20 L	10 L	70	50	50	2 L	20 L	20	10 L	100 L	15	10 L	100	100
67R8	1.0 L	5 L	20 L	20	100	10	20	5	20 L	15	15	100 N	10	10 L	100	70
67R8A	1.0	5 L	20 L	10 L	70	10	20	2 L	20 L	10	10 L	100 N	10	10 L	100 L	70
67R9	1.0 L	5 L	20 L	30	70	10	30	2 L	20 L	20	10 L	100 N	15	10 L	100	50
CH001	2.0	10 N	20 N	30	150	50	50	5 N	20 N	100	30	100 N	15	10 N	100	100
CH002	2.0	10 N	20 N	30	70	50	20 N	5 N	20 N	70	20	100 N	15	10 N	100 N	100
CH003	1.0	10 N	20 N	20	50	30	20 N	5 N	20 N	50	10	100 N	10	10 N	100 N	70
CH004	1.0	10 N	20 N	15	30	30	20 N	5 N	20 N	30	10 L	100 N	15	10 N	100 N	100
CH005	2.0	10 N	20 N	15	50	30	30	5 N	20 N	30	30	100 N	20	10	100	150
CH006	1.0	10 N	20 N	15	70	30	20 N	5 N	20 N	30	30	100 N	15	10 N	100 N	150
CH007	3.0	10 N	20 N	20	70	30	30	5 N	20 N	70	30	100 N	15	10 N	100 N	150
CH008	1.0	10 N	20 N	20	100	30	20 N	5 N	20 N	50	20	100 N	15	10 N	100 N	150
CH009	1.0	10 N	20 N	20	70	30	20 N	5 N	20 N	50	20	100 N	15	10 N	100 N	150
CH010	1.0	10 N	20 N	20	70	50	20 N	5 N	20 N	30	20	100 N	30	10 N	200	200
CH011	1.0	10 N	20 N	5 N	30	30	20	5 N	20 N	50	20	100 N	15	10 N	100 N	200
CH012	1.0	10 N	20 N	30	100	50	50	5 N	20 N	100	10 L	100 N	7	10 M	100 N	70
CH013	2.0	10 N	20 N	15	100	50	50	5 N	20 N	70	30	100 N	15	10 N	200	200
CH014	2.0	10 N	20 N	150	70	70	50	5 N	20 N	150	20	100 N	15	10 N	100 N	200
CH015	2.0	10 N	20 N	10	70	50	20 N	5 N	20 N	50	20	100 N	15	10 N	100 N	150
CH016	3.0	10 N	20 N	30	150	30	20 N	5 N	20 N	50	20	100 N	10	10 N	100 N	150
CH017	2.0	10 N	20 N	10	70	50	20 N	5 N	20 N	70	30	100 N	20	10 N	100 N	200
CH018	1.0	10 N	20 N	10	50	5	20	5 N	20 N	30	30	100 N	10	10 N	100 N	100
CH019	2.0	10 N	20 N	10	70	20	30	5 N	20 N	30	10	100 N	10	10 N	100 N	70
CH020	2.0	10 N	20 N	10	50	20	50	5 N	20 N	30	20	100 N	10	10 N	100 N	150
CH021	1.0	10 N	20 N	15	70	30	20	5 N	20 N	30	10	100 N	10	10 N	100 N	150
CH022	2.0	10 N	20 N	15	100	50	30	5 N	20 N	50	20	100 N	10	10 N	100 N	150
CH023	1.0	10 N	20 N	7	40	30	30	5 N	20 N	20	10	100 N	15	10 N	100 N	200
CH024	1.0	10 N	20 N	700	40	20	20	5 N	20 N	20	10	100 N	10	10 N	100 N	70
CH025	1.0	10 N	20 N	10	70	15	20	5 N	20 N	150	10 N	100 N	5 L	10 N	100 N	20
CH026	1.0	10 N	20 N	15	70	30	20	5 N	20 N	30	20	100 N	10	10 N	100 N	70
CH027	1.0	10 N	20 N	5	30	15	20	5 N	20 N	20	30	100 N	15	10 N	100 N	100
CH028	2.0	10 N	20 N	20	100	30	20	5 N	20 N	70	20	100 N	5	10 N	100 N	70
CH029	3.0	10 N	20 N	20	150	50	70	5 N	20 N	70	20	100 N	15	10 N	100 N	150
CH030	3.0	10 N	20 N	15	150	30	50	5 N	20 N	70	50	100 N	15	10 N	100 N	150
CH031	3.0	10 N	20 N	20	100	30	50	5 N	20 N	70	30	100 N	15	10 N	100 N	150
CH032	2.0	10 N	20 N	20	150	70	30	7	20 N	50	30	100 N	15	10 N	100 N	150
CH032A	2.0	10 N	20 N	20	150	100	50	15	20	70	30	100 N	15	10 M	150	100
CH033	2.0	10 N	20 N	15	70	30	30	5 N	20 N	50	20	100 N	15	10 N	200	700
														10 N	100	150

SAMPLE	S-W	S-Y	S-ZN	S-ZR	AA=Al-P	AA=CU-P	AA=PH-P	AA=Zn-P	AA=AG-P	AA=SB-P	AA=Al-T	CM=AS	CM=SB	AAA=AU
67R6	50 L	5 L	200 L	100	.02 L	12.00	25 L	50	.20	0 B	0 B	40	3	0 B
67R6A	50 L	5	200 L	150	.02 L	10.00	25 L	65	.30	0 B	0 B	60	4	0 B
67R7	50 L	7	200 L	100	.02 L	10.00 L	25 L	58	.10	0 B	0 B	20	2	0 B
67R70L	50 L	30	200 L	150	.02 L	12.00	25 L	75	.15	0 B	0 B	40	3	0 B
67R8	50 L	5	200 L	200	.02 L	23.00	25 L	80	.40	0 B	0 B	10 L	3	0 B
67R8A	50 L	5 L	200 L	150	.02 L	10.00	25 L	65	.25	0 B	0 B	20	2	0 B
67P9	50 L	7	200 L	150	.02 L	10.00 L	25 L	110	.20	0 B	0 B	30	1	0 B
CH001	50 N	30	200	150	.00 A	0.00 B	0 B	130	.00 H	2	0 B	10 L	0 B	0 B
CH002	50 N	30	200	100	.00 A	0.00 B	0 B	160	.00 B	2	0 B	10	0 B	0 B
CH003	50 N	10	200	100	.00 B	0.00 A	0 B	150	.00 B	3	0 B	10 L	0 B	0 B
CH004	50 N	20	200 N	100	.00 B	0.00 B	0 B	80	.00 B	2	0 B	10 N	0 B	0 B
CH005	50 N	30	200 N	200	.00 B	0.00 B	0 B	65	.00 B	3	0 B	10 N	0 B	0 B
CH006	50 N	20	200 L	100	.00 B	0.00 B	0 B	100	.00 B	2	0 B	10 L	0 B	0 B
CH007	50 N	30	200 L	150	.00 B	0.00 B	0 B	130	.00 B	2	0 B	10	0 B	0 L
CH008	50 N	20	200 N	150	.00 B	0.00 B	0 B	95	.00 B	3	0 B	10 N	0 B	0 B
CH009	50 N	30	200 L	150	.00 B	0.00 B	0 B	75	.00 B	2	0 B	10 N	0 B	0 B
CH010	50 N	30	200 L	100	.00 B	0.00 B	0 B	90	.00 B	3	0 B	10 L	0 B	0 B
CH011	50 N	20	200 N	70	.00 B	0.00 B	0 B	60	.00 B	3	0 B	10 L	0 B	0 B
CH012	50 N	30	200	150	.00 B	0.00 B	0 B	140	.00 B	2	0 B	10 L	0 B	0 B
CH013	50 N	20	200	150	.00 B	0.00 B	0 B	120	.00 B	3	0 B	10	0 B	0 B
CH014	50 N	30	300	100	.00 B	0.00 B	0 B	470	.00 B	2	0 B	10	0 B	0 B
CH015	50 N	20	200	150	.00 B	0.00 B	0 B	100	.00 B	10	0 B	10	0 B	0 B
CH016	50 N	20	200	150	.00 B	0.00 B	0 B	130	.00 B	3	0 B	10 N	0 B	0 B
CH017	50 N	20	200 N	100	.00 B	0.00 B	0 B	95	.00 B	4	0 B	10 L	0 B	0 B
CH018	50 N	20	200 N	150	.00 B	0.00 B	0 B	50	.00 B	3	0 B	10 L	0 B	0 B
CH019	50 N	20	200 N	150	.00 B	0.00 B	0 B	95	.00 B	3	0 B	10 N	0 B	0 B
CH020	50 N	20	200 N	150	.00 B	0.00 B	0 B	90	.00 B	3	0 B	10 N	0 B	0 B
CH021	50 N	15	200 L	100	.00 B	0.00 B	0 B	120	.00 B	4	0 B	10 L	0 B	0 B
CH022	50 N	20	200 N	200	.00 B	0.00 B	0 B	150	.00 B	2	0 B	10 N	0 B	0 B
CH023	50 N	20	200 N	150	.00 B	0.00 B	0 B	45	.00 B	1	0 B	10 N	0 B	0 B
CH024	50 N	20	300	20	.00 B	0.00 B	0 B	560	.00 B	2	0 B	10 L	0 B	0 B
CH025	50 N	10	200 N	70	.00 B	0.00 B	0 B	75	.00 B	2	0 B	10 L	0 B	0 B
CH026	50 N	15	200 L	150	.00 B	0.00 B	0 B	160	.00 B	1	0 B	10 L	0 B	0 B
CH027	50 N	15	200 N	70	.00 B	0.00 B	0 B	70	.00 B	2	0 B	10 N	0 B	0 B
CH028	50 N	15	200 N	200	.00 B	0.00 B	0 B	160	.00 B	1	0 B	10 N	0 B	0 B
CH029	50 N	20	200 N	200	.00 B	0.00 B	0 B	160	.00 B	2	0 B	10 L	0 B	0 B
CH030	50 N	20	200 N	150	.00 B	0.00 B	0 B	150	.00 B	2	0 B	10 N	0 B	0 B
CH031	50 N	20	200 N	150	.00 B	0.00 B	0 B	160	.00 B	2	0 B	10 L	0 B	0 B
CH032	50 N	30	500	150	.00 B	0.00 B	0 B	600	.00 B	5	0 B	10 L	0 B	0 B
CH032A	50 N	30	700	100	.00 B	0.00 B	0 B	720	.00 B	10	0 B	20	0 B	0 B
CH033	50 N	20	200 N	150	.00 B	0.00 B	0 B	130	.00 B	1	0 B	10 L	0 B	0 B

SAMPLE	LATITUDE	LONGITUDE	S-F2%	S-MGX	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-RA
CH034	67 57 46	149 46 35	10.0	2.0	0.20	.30	500	.5 N	200 N	10 N	100	700
CH035	67 55 53	149 56 53	5.0	2.0	0.20	.30	700	.5 N	200 N	10 N	70	700
CH036	67 56 9	149 45 16	10.0	2.0	5.00	.50	700	.5 N	200 N	10 N	100	500
CH037	67 59 2	149 46 33	10.0	2.0	10.00	.70	700	.5 N	200 N	10 N	100	500
CH038	67 56 53	149 38 35	5.0	2.0	0.10	.15	700	2.0	200 N	10 N	50	700
CH039	67 56 9	149 44 13	10.0	2.0	20.00	.20	700	.5 N	200 N	10 N	70	500
CH040	67 52 53	149 38 39	10.0	2.0	5.00	.30	500	.5 N	200 N	10 N	70	300
CH041	67 55 4	149 37 50	10.0	2.0	7.00	.30	500	.5 N	200 N	10 N	70	300
CH042	67 54 43	149 47 3	5.0	1.5	7.00	.30	500	.5 N	200 N	10 N	100	300
CH043	67 53 54	149 50 26	10.0	2.0	3.00	.30	500	.5 N	200 N	10 N	100	500
CH044	67 51 37	149 50 35	10.0	1.5	2.00	.20	500	.5 N	200 N	10 N	30	300
CH045	67 57 54	149 47 57	3.0	2.0	7.00	.15	500	.5 N	200 N	10 N	50	200
CH046	67 51 41	149 55 36	10.0	2.0	5.00	.70	500	.5 N	200 N	10 N	100	300
CH047	67 51 11	149 57 11	10.0	2.0	5.00	.70	500	.5 N	200 N	10 N	150	300
CH048	67 50 45	149 45 57	5.0	2.0	10.00	.50	700	.5 N	200 N	10 N	100	300
CH049	67 49 21	149 56 38	15.0	3.0	2.00	1.00	2000	.5 N	200 N	10 N	150	300
CH050	67 49 23	149 44 30	10.0	3.0	5.00	.70	700	.5 N	200 N	10 N	150	300
CH051	67 49 4	149 52 6	10.0	2.0	1.50	.70	3000	.5 N	200 N	10 N	200	300
CH052	67 46 37	149 46 10	5.0	1.0	5.00	.70	500	.5 N	200 N	10 N	150	300
CH053	67 47 12	149 49 54	5.0	2.0	7.00	.50	500	.5 N	200 N	10 N	150	500
CH054	67 46 35	149 38 12	5.0	3.0	20.00	.20	700	.5 N	200 N	10 N	70	300
CH055	67 45 56	149 42 44	10.0	2.0	10.00	.50	700	.5 N	200 N	10 N	150	700
CH056	67 45 32	149 53 30	10.0	2.0	2.00	.70	1000	.5 N	200 N	10 N	150	500
CH057	67 45 33	149 37 35	5.0	1.5	10.00	.30	700	.5 N	200 N	10 N	100	300
CH058	67 44 2	149 46 36	5.0	1.0	2.00	.30	500	.5 N	200 N	10 N	150	500
CH059	67 44 45	149 41 31	10.0	1.5	1.50	.30	700	.5 N	200 N	10 N	150	700
CH060	67 46 4	149 59 11	10.0	1.5	1.50	.50	700	.5 N	200 N	10 N	100	700
CH061	67 43 27	149 54 54	10.0	1.0	5.00	.30	700	.5 N	200 N	10 N	100	500
CH062	67 40 49	149 54 5	15.0	2.0	1.50	.70	1000	.5 N	200 N	10 N	150	300
CH063	67 43 26	149 55 32	5.0	2.0	10.00	.20	500	.5 N	200 N	10 N	100	700
CH064	67 41 6	149 53 26	10.0	2.0	2.00	.70	700	.5 N	200 N	10 N	150	300
CH065	67 40 5	149 55 12	15.0	2.0	1.50	.70	2000	.5 N	200 N	10 N	200	300
CH066	67 39 43	149 58 37	5.0	2.0	7.00	.20	500	.5 N	200 N	10 N	150	700
CH067	67 39 25	149 58 1	15.0	2.0	1.00	.70	1000	.5 N	200 N	10 N	150	200
CH068	67 40 36	149 41 40	10.0	2.0	5.00	.50	1000	.5 N	200 N	10 N	150	200
CH069	67 39 1	149 59 30	10.0	2.0	1.00	.70	700	.5 N	200 N	10 N	70	200
CH070	67 42 57	149 45 33	7.0	1.0	5.00	.30	500	.5 N	200 N	10 N	70	500
CH071	67 39 43	149 38 57	3.0	1.0	20.00	.20	700	.5 N	200 N	10 N	50	150
CH072	67 41 35	149 45 11	10.0	1.0	7.00	.50	1000	.5 N	200 N	10 N	150	200
CH073	67 40 36	149 33 35	5.0	1.0	10.00	.20	500	.5 N	200 N	10 N	70	150
CH074	67 40 20	149 44 42	10.0	1.5	5.00	.50	1500	.5 N	200 N	10 N	150	200

STREAM SEDIMENT SAMPLES FROM THE CHADLAR QUADRANGLE, ALASKA--CONTINUED

SAMPLE	S=BE	S=BI	S=CD	S=CO	S=CK	S=CU	S=JA	S=MD	S=NB	S=NI	S=PH	S=SB	S=SC	S=SN	S=SR	S=V
CH034	3.0	10 N	20 N	20	150	30	30	5 N	20 N	70	30	100 N	15	10 N	100 N	150
CH035	3.0	10 N	20 N	15	70	30	20 N	5 N	20 N	70	30	100 N	10	10 N	100	150
CH036	3.0	10 N	20 N	20	150	30	30	5 N	20 N	70	30	100 N	15	10 N	200	150
CH037	3.0	10 N	20 N	20	150	50	30	5 N	20 N	70	30	100 N	15	10 N	100	100
CH038	1.0	10 N	20 N	15	100	30	20 N	5 N	20 N	50	20	100 N	10	10 N	200	70
CH039	1.0	10 N	20 N	15	100	70	20 N	5 N	20 N	70	30	100 N	10	10 N	200	100
CH040	2.0	10 N	20 N	15	150	30	30	5 N	20 N	70	30	100 N	15	10 N	200	100
CH041	1.0	10 N	20 N	15	100	50	50	5 N	20 N	50	30	100 N	15	10 N	200	100
CH042	3.0	10 N	20 N	15	100	30	30	5 N	20 N	50	30	100 N	15	10 N	200	100
CH043	2.0	10 N	20 N	20	150	30	30	5 N	20 N	70	30	100 N	15	10 N	100 N	100
CH044	1.0	10 N	20 N	15	100	20	20 N	5 N	20 N	50	20	100 N	10	10 N	100	70
CH045	1.0	10 N	20 N	7	70	30	30	5 N	20 N	30	30	100 N	10	10 N	200	70
CH046	3.0	10 N	20 N	15	150	30	70	5 N	20 N	70	30	100 N	15	10 N	200	150
CH047	3.0	10 N	20 N	15	150	30	50	5 N	20 N	70	30	100 N	15	10 N	200	150
CH048	2.0	10 N	20 N	15	70	300	70	5 N	20 N	30	15	100 N	15	10 N	700	100
CH049	3.0	10 N	20 N	20	150	30	70	5 N	20 N	70	30	100 N	30	10 N	200	200
CH050	3.0	10 N	20 N	15	100	30	70	5 N	20 N	50	30	100 N	15	10 N	500	150
CH051	3.0	10 N	20 N	20	70	70	30	5 N	20 N	70	30	100 N	20	10 N	100	150
CH052	2.0	10 N	20 N	15	100	30	50	5 N	20 N	50	10	100 N	15	10 N	100	150
CH053	2.0	10 N	20 N	15	150	30	20	5 N	20 N	50	20	100 N	15	10 N	200	150
CH054	1.0	10 N	20 N	15	100	100	20 N	5 N	20 N	50	20	100 N	15	10 N	200	150
CH055	2.0	10 N	20 N	15	150	30	50	5 N	20 N	70	20	100 N	15	10 N	200	150
CH056	2.0	10 N	20 N	20	150	30	20	5 N	20 N	50	20	100 N	30	10 N	100	200
CH057	1.0	10 N	20 N	15	100	70	150	5 N	20 N	70	20	100 N	15	10 N	200	150
CH058	1.0	10 N	20 N	15	70	200	50	5 N	20 N	50	20	100 N	15	10 N	100 N	150
CH059	3.0	10 N	20 N	15	100	30	20	5 N	20 N	70	20	100 N	15	10 N	150	150
CH060	2.0	10 N	20 N	15	100	30	20	5 N	20 N	70	20	100 N	15	10 N	100	150
CH061	2.0	10 N	20 N	15	100	30	20	5 N	20 N	70	15	100 N	15	10 N	200	200
CH062	2.0	10 N	20 N	30	100	70	20 N	5 N	20 N	70	30	100 N	20	10 N	100 N	200
CH063	1.0	10 N	20 N	15	150	30	150	5 N	20 N	70	30	100 N	15	10 N	300	200
CH064	2.0	10 N	20 N	15	70	30	20 N	5 N	20 N	50	15	100 N	15	10 N	100	150
CH065	1.0	10 N	20 N	30	70	30	20 N	5 N	20 N	70	30	100 N	20	10 N	100	150
CH066	1.0	10 N	20 N	15	100	30	20 N	5 N	20 N	70	30	100 N	15	10 N	200	150
CH067	1.0	10 N	20 N	20	100	30	20	5 N	20 N	50	20	100 N	20	10 N	100	150
CH068	2.0	10 N	20 N	20	70	30	20	5 N	20 N	50	30	100 N	20	10 N	700	150
CH069	1.0	10 N	20 N	20	100	30	20 N	5 N	20 N	30	20	100 N	20	10 N	100	150
CH070	1.0	10 N	20 N	15	150	30	20 N	5 N	20 N	50	20	100 N	15	10 N	100	150
CH071	1.0 N	10 N	20 N	15	70	30	20 N	5 N	20 N	20	20	100 N	10	10 N	100	70
CH072	1.0	10 N	20 N	15	100	30	20 N	5 N	20 N	30	20	100 N	15	10 N	100	150
CH073	1.0 N	10 N	20 N	15	70	30	20 N	5 N	20 N	50	20	100 N	15	10 N	100	100
CH074	2.0	10 N	20 N	20	100	30	50	5 N	20 N	70	20	100 N	20	10 N	200	150

STREAM SEDIMENT SAMPLES FROM THE CHAROLAR QUADRANGLE, ALASKA--CO. 11745E.D

SAMPLE	S-W	S-Y	S-ZH	S-ZR	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P	AA-AG-P	AA-SB-P	AA-AU-T	CM-AS	CM-SB	AAA-AU
CH034	50 N	30	200 N	150	.00 B	0.00 H	0 B	170	.00 B	2	0 B	10 L	0 B	0 B
CH035	50 N	20	300	150	.00 R	0.00 B	0 B	310	.00 H	3	0 H	10 L	0 B	0 B
CH036	50 N	30	200	150	.00 R	0.00 R	0 H	200	.00 B	10	0 H	10	0 B	0 B
CH037	50 N	20	200 N	200	.00 R	0.00 B	0 B	150	.00 B	1	0 B	10 L	0 B	0 B
CH038	50 N	10	200 N	70	.00 B	0.00 R	0 B	60	.00 B	0 B	0 B	0 B	0 B	0 B
CH039	50 N	20	200 N	70	.00 B	0.00 B	0 H	190	.00 B	10	0 B	10 L	0 B	0 B
CH040	50 N	20	200 N	70	.00 B	0.00 B	0 B	120	.00 B	2	0 B	10	0 B	0 B
CH041	50 N	30	200 N	150	.00 B	0.00 B	0 H	130	.00 B	2	0 B	10	0 B	0 B
CH042	50 N	20	200 N	100	.00 H	0.00 B	0 B	160	.00 H	10	0 B	10	0 B	0 B
CH043	50 N	30	200 N	150	.00 H	0.00 H	0 R	140	.00 B	2	0 B	10 L	0 B	0 B
CH044	50 N	10	200 N	70	.00 R	0.00 H	0 R	110	.00 R	1	0 B	10 N	0 B	0 B
CH045	50 N	20	200 N	150	.00 B	0.00 B	0 B	140	.00 B	3	0 H	10	0 B	0 B
CH046	50 N	30	200 N	200	.00 B	0.00 H	0 B	80	.00 B	3	0 B	10 N	0 B	0 B
CH047	50 N	30	200 N	300	.00 R	0.00 R	0 B	90	.00 B	3	0 B	10 L	0 B	0 B
CH048	50 N	30	200 N	150	.00 B	0.00 B	0 R	75	.00 B	2	0 B	10 L	0 B	0 B
CH049	50 N	70	200 N	200	.00 B	0.00 H	0 R	90	.00 B	3	0 B	10 L	0 B	0 B
CH050	50 N	30	200 N	150	.00 B	0.00 A	0 B	70	.00 B	3	0 B	10 L	0 B	0 B
CH051	50 N	30	200 N	150	.00 B	0.00 H	0 B	70	.00 B	3	0 B	10 L	0 B	0 B
CH052	50 N	30	200 N	150	.00 R	0.00 H	0 B	75	.00 B	4	0 B	10 L	0 B	0 B
CH053	50 N	30	200 N	150	.00 R	0.00 B	0 B	100	.00 H	4	0 B	10 L	0 B	0 B
CH054	50 N	30	200 N	150	.00 A	0.00 H	0 B	100	.00 B	4	0 B	10 L	0 B	0 B
CH055	50 N	20	200 N	70	.00 B	0.00 B	0 B	70	.00 R	5	0 B	10 L	0 B	0 B
CH056	50 N	30	200 L	150	.00 B	0.00 H	0 R	110	.00 R	1	0 B	10 L	0 B	0 B
CH057	50 N	30	200 N	150	.00 B	0.00 H	0 B	80	.00 R	5	0 H	10 L	0 B	0 B
CH058	50 N	30	200 N	100	.00 R	0.00 R	0 B	100	.00 A	2	0 B	10 L	0 B	0 B
CH059	50 N	20	200 N	150	.00 B	0.00 H	0 H	80	.00 R	3	0 B	10 L	0 B	0 B
CH060	50 N	30	200 L	150	.00 R	0.00 R	0 B	110	.00 B	2	0 B	10 L	0 B	0 B
CH061	50 N	30	200 N	150	.00 B	0.00 H	0 H	75	.00 B	3	0 B	10 L	0 B	0 B
CH062	50 N	30	200 L	150	.00 B	0.00 H	0 H	100	.00 B	4	0 B	10 L	0 B	0 B
CH063	50 N	20	200 N	70	.00 R	0.00 R	0 B	90	.00 R	3	0 B	10 L	0 B	0 B
CH064	50 N	30	200 N	150	.00 B	0.00 H	0 B	100	.00 B	3	0 B	10 L	0 B	0 B
CH065	50 N	30	200 L	200	.00 B	0.00 B	0 B	80	.00 H	4	0 B	10 L	0 B	0 B
CH066	50 N	20	200 L	100	.00 H	0.00 B	0 H	75	.00 H	4	0 H	10	0 B	0 B
CH067	50 N	30	200 N	150	.00 B	0.00 H	0 B	130	.00 H	5	0 B	10	0 B	0 B
CH068	50 N	30	200 N	200	.00 H	0.00 R	0 B	80	.00 B	4	0 B	10 N	0 B	0 B
CH069	50 N	30	200 N	100	.00 H	0.00 H	0 H	60	.00 H	3	0 B	10 N	0 B	0 B
CH070	50 N	20	200 N	150	.00 R	0.00 H	0 R	80	.00 R	2	0 B	10 N	0 B	0 B
CH071	50 N	15	200 N	50	.00 R	0.00 H	0 R	120	.00 B	3	0 H	10 N	0 B	0 B
CH072	50 N	20	200 N	150	.00 R	0.00 H	0 B	50	.00 B	2	0 H	10	0 B	0 B
CH073	50 N	20	200 N	70	.00 R	0.00 H	0 B	75	.00 H	1	0 H	10 L	0 B	0 B
CH074	50 N	50	200 N	150	.00 R	0.00 H	0 R	65	.00 B	1	0 H	10 N	0 B	0 B
					.00 R	0.00 H	0 R	75	.00 B	2	0 H	10 L	0 B	0 B

STREAM SEDIMENT SAMPLES FROM THE CHARLIER QUADRANGLE, ALASKA--CONTINUED

SAMPLE	LATITUDE	LONGITUDE	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA
CH075	67 40 49	149 33 50	3.0	1.5	15.00	.20	500	.5 N	200 N	10 N	70	200
CH076	67 36 37	149 38 9	2.0	3.0	20.00	.10	200	.5 N	200 N	10 N	20	50
CH077	67 42 12	149 42 59	10.0	1.5	2.00	.30	2000	.5 N	200 N	10 N	150	300
CH078	67 59 29	149 25 28	10.0	0.7	0.20	.50	500	.5 N	200 N	10 N	100	300
CH079	67 38 44	149 44 48	10.0	1.5	5.00	.50	700	.5 N	200 N	10 N	100	300
CH080	67 58 0	149 29 39	3.0	2.0	10.00	.20	500	.5 N	200 N	10 N	50	300
CH081	67 59 45	149 23 57	10.0	1.5	0.20	.50	500	.5 N	200 N	10 N	150	500
CH082	67 57 25	149 32 51	10.0	2.0	10.00	.30	500	.5 N	200 N	10 N	70	500
CH083	67 58 4	149 31 15	3.0	2.0	20.00	.20	300	.5 N	200 N	10 N	70	300
CH084	67 53 32	149 33 24	10.0	2.0	0.50	.50	500	.5 N	200 N	10 N	100	500
CH085	67 55 30	149 33 24	10.0	2.0	1.50	.50	500	.5 N	200 N	10 N	150	500
CH086	67 54 38	149 28 17	10.0	2.0	5.00	.50	500	.5 N	200 N	10 N	150	300
CH087	67 52 59	149 28 13	10.0	2.0	0.30	.50	700	.5 N	200 N	10 N	150	500
CH088	67 57 48	149 23 26	10.0	1.5	1.00	.50	700	.5 N	200 N	10 N	150	500
CH089	67 55 5	149 26 36	10.0	2.0	1.00	.50	500	.5 N	200 N	10 N	100	300
CH090	67 57 20	149 14 6	10.0	1.5	0.50	.50	1500	.5 N	200 N	10 N	150	500
CH091	67 58 51	149 17 3	10.0	2.0	0.20	.70	500	.5 N	200 N	10 N	150	700
CH092	67 54 23	149 20 50	10.0	2.0	0.30	.70	700	.5 N	200 N	10 N	150	700
CH093	67 54 56	149 16 2	10.0	2.0	0.20	.70	500	.5 N	200 N	10 N	100	700
CH094	67 52 36	149 23 40	10.0	1.5	1.00	.70	700	.5 N	200 N	10 N	100	700
CH095	67 54 1	149 21 42	15.0	2.0	2.00	.70	700	.5 N	200 N	10 N	100	700
CH096	67 52 1	149 16 59	7.0	1.5	5.00	.30	500	.5 N	200 N	10 N	100	700
CH097	67 54 39	149 11 27	10.0	2.0	0.20	.50	500	.5 N	200 N	10 N	100	700
CH098	67 56 2	149 9 19	15.0	1.5	0.20	.50	700	.5 N	200 N	10 N	100	700
CH099	67 56 57	149 3 47	10.0	2.0	0.20	.50	500	.5 N	200 N	10 N	70	700
CH100	67 59 47	149 7 18	15.0	2.0	0.10	.70	700	.5 N	200 N	10 N	100	700
CH101	67 54 27	149 7 40	10.0	1.0	0.15	.50	500	.5 N	200 N	10 N	100	700
CH102	67 59 57	149 6 47	10.0	1.0	0.10	.50	700	.5 N	200 N	10 N	150	700
CH103	67 53 21	149 5 31	10.0	1.5	0.10	.50	500	.5 N	200 N	10 N	150	1500
CH104	67 53 47	149 6 26	10.0	1.5	2.00	.30	500	.5 N	200 N	10 N	100	700
CH105	67 50 31	149 11 29	15.0	2.0	10.00	.30	1000	.5 N	200 N	10 N	100	700
CH106	67 51 35	149 7 53	7.0	2.0	5.00	.30	700	.5 N	200 N	10 N	100	700
CH107	67 50 29	149 11 3	5.0	2.0	10.00	.20	700	.5 N	200 N	10 N	70	700
CH108	67 49 4	149 18 37	3.0	2.0	15.00	.10	500	.5 N	200 N	10 N	100	700
CH109	67 48 46	149 31 44	3.0	2.0	20.00	.20	300	.5 N	200 N	10 N	20	150
CH110	67 48 11	149 19 36	10.0	2.0	3.00	.50	1500	.5 N	200 N	10 N	150	500
CH111	67 48 57	149 29 56	10.0	3.0	7.00	.50	700	.5 N	200 N	10 N	70	700
CH112	67 49 40	149 34 58	10.0	2.0	5.00	.50	700	.5 N	200 N	10 N	70	500
CH113	67 47 40	149 27 33	10.0	2.0	10.00	.30	700	.5 N	200 N	10 N	100	500
CH114	67 49 45	149 34 27	10.0	2.0	5.00	.30	500	.5 N	200 N	10 N	70	500
CH115	67 44 49	149 29 35	3.0	0.7	20.00	.10	300	.5 N	200 N	10 N	30	200

SAMPLE	S-BE	S-BI	S-CD	S-CO	S-CK	S-CU	S-LA	S-MO	S-MB	S-NI	S-PH	S-SH	S-SC	S-SN	S-SR	S-V
CH075	1.0	10 N	20 N	15	70	30	20 N	5 N	20 N	30	15	100 N	15	10 N	100	100
CH076	1.0 N	10 N	20 N	5	50	10	20 N	5 N	20 N	10	10	100 N	10	10 N	200	30
CH077	2.0	10 N	20 N	30	100	50	50	5 N	20 N	70	30	100 N	20	10 N	200	150
CH078	2.0	10 N	20 N	20	100	30	20 N	5 N	20 N	70	20	100 N	15	10 N	100 N	150
CH079	1.0 N	10 N	20 N	20	100	30	20 N	5 N	20 N	50	20	100 N	15	10 N	500	100
CH080	1.0 N	10 N	20 N	10	70	30	20 N	5 N	20 N	30	30	100 N	15	10 N	200	70
CH081	3.0	10 N	20 N	30	150	30	50	5 N	20 N	70	30	100 N	20	10 N	100	200
CH082	1.0 N	10 N	20 N	20	100	50	20 N	5 N	20 N	50	30	100 N	15	10 N	200	200
CH083	1.0 N	10 N	20 N	10	70	50	20 N	5 N	20 N	20	30	100 N	10	10 N	200	70
CH084	3.0	10 N	20 N	30	200	30	20	5 N	20 N	70	30	100 N	20	10 N	100	200
CH085	3.0	10 N	20 N	30	200	50	20	5 N	20 N	70	30	100 N	20	10 N	200	200
CH086	3.0	10 N	20 N	20	150	50	50	5 N	20 N	70	30	100 N	20	10 N	100	150
CH087	3.0	10 N	20 N	30	200	70	50	5 N	20 N	70	30	100 N	30	10 N	100	150
CH088	2.0	10 N	20 N	20	100	30	150	5 N	20 N	50	30	100 N	15	10 N	100	100
CH089	2.0	10 N	20 N	20	150	70	20 N	5 N	20 N	70	30	100 N	20	10 N	100 N	150
CH090	3.0	10 N	20 N	30	150	50	30	5 N	20 N	70	30	100 N	20	10 N	100	150
CH091	3.0	10 N	20 N	20	150	100	50	5 N	20 N	70	30	100 N	20	10 N	100	200
CH092	3.0	10 N	20 N	20	150	50	50	5 N	20 N	70	30	100 N	30	10 N	100	150
CH093	3.0	10 N	20 N	10	300	30	50	5 N	20 N	70	30	100 N	20	10 N	100	150
CH094	2.0	10 N	20 N	20	150	150	50	5 N	20 N	70	30	100 N	20	10 N	200	150
CH095	3.0	10 N	20 N	20	150	50	70	5 N	20 N	70	20	100 N	30	10 N	200	150
CH096	1.0	10 N	20 N	15	150	30	20 N	5 N	20 N	70	20	100 N	15	10 N	100	150
CH097	3.0	10 N	20 N	15	200	30	70	5 N	20 N	70	30	100 N	20	10 N	100	150
CH098	3.0	10 N	20 N	15	100	30	50	5 N	20 N	70	30	100 N	20	10 N	100	150
CH099	3.0	10 N	20 N	15	150	30	70	5 N	20 N	70	30	100 N	20	10 N	100	150
CH100	3.0	10 N	20 N	30	200	70	70	5 N	20 N	70	30	100 N	30	10 N	100	150
CH101	2.0	10 N	20 N	20	100	30	20	5 N	20 N	70	30	100 N	20	10 N	100 N	150
CH102	2.0	10 N	20 N	20	150	30	20	5 N	20 N	70	30	100 N	15	10 N	100	150
CH103	3.0	10 N	20 N	20	200	50	50	5 N	20 N	70	50	100 N	20	10 N	100	100
CH104	3.0	10 N	20 N	20	150	30	20	5 N	20 N	70	30	100 N	20	10 N	100	150
CH105	2.0	10 N	20 N	20	200	30	70	5 N	20 N	70	20	100 N	20	10 N	200	150
CH106	2.0	10 N	20 N	20	150	50	70	5 N	20 N	70	30	100 N	20	10 N	200	150
CH107	2.0	10 N	20 N	15	150	50	20	5 N	20 N	70	30	100 N	20	10 N	100	150
CH108	1.0 N	10 N	20 N	5	70	30	20 N	5 N	20 N	50	20	100 N	5	10 N	100	70
CH109	1.0 N	10 N	20 N	5	70	30	20 N	5 N	20 N	20	20	100 N	5	10 N	200	70
CH110	1.0 N	10 N	20 N	15	100	30	20 N	5 N	20 N	50	20	100 N	20	10 N	100	150
CH111	3.0	10 N	20 N	15	200	150	20	5 N	20 N	100	30	100 N	15	10 N	200	200
CH112	3.0	10 N	20 N	15	150	30	100	5 N	20 N	70	30	100 N	20	10 N	200	150
CH113	2.0	10 N	20 N	15	100	30	20	5 N	20 N	70	20	100 N	15	10 N	200	200
CH114	2.0	10 N	20 N	15	150	30	20	5 N	20 N	70	10	100 N	15	10 N	100 N	100
CH115	1.0	10 N	20 N	5	50	15	20 N	5 N	20 N	30	10	100 N	5	10 N	100	70

SAMPLE	S-W	S-Y	S-ZN	S-ZR	AA-TU-P	AA-CU-P	AA-PB-P	AA-ZN-P	AA-AG-P	AA-SB-P	AA-AU-T	CM-AS	CM-SB	AAA-AU
CH075	50 N	15	200 N	70	.00 B	0.00 B	0 R	55	.00 B	1	0 B	10 L	0 B	0 B
CH076	50 N	10	200 N	30	.00 H	0.00 B	0 R	15	.00 B	1	0 H	10 L	0 B	0 B
CH077	50 N	30	200 N	150	.00 H	0.00 B	0 B	95	.00 R	3	0 H	10 L	0 R	0 B
CH078	50 N	20	200 N	200	.00 H	0.00 B	0 R	100	.00 B	2	0 B	10 L	0 B	0 B
CH079	50 N	20	200 N	150	.00 B	0.00 H	0 R	55	.00 B	2	0 H	10 L	0 R	0 B
CH080	50 N	20	200 H	70	.00 B	0.00 H	0 H	85	.00 H	3	0 H	10 L	0 B	0 B
CH081	50 N	30	200 N	200	.00 B	0.00 H	0 B	120	.00 B	3	0 B	10 N	0 B	0 B
CH082	50 N	15	200 N	150	.00 B	0.00 B	0 B	110	.00 R	3	0 H	10 L	0 B	0 B
CH083	50 N	15	200 N	70	.00 H	0.00 B	0 H	75	.00 B	3	0 H	10 L	0 B	0 B
CH084	50 N	30	200 N	150	.00 B	0.00 B	0 B	130	.00 B	4	0 B	10 L	0 B	0 B
CH085	50 N	30	200 N	150	.00 B	0.00 B	0 H	130	.00 B	3	0 B	10 L	0 B	0 B
CH086	50 N	30	200 N	150	.00 B	0.00 B	0 B	120	.00 B	3	0 H	10 L	0 H	0 B
CH087	50 N	30	200 N	200	.00 B	0.00 B	0 R	120	.00 B	3	0 H	10 L	0 H	0 B
CH088	50 N	30	200 N	150	.00 H	0.00 B	0 B	110	.00 B	2	0 B	10 N	0 B	0 B
CH089	50 N	30	200 N	150	.00 B	0.00 B	0 R	120	.00 B	2	0 B	10 N	0 R	0 B
CH090	50 N	30	200 N	200	.00 B	0.00 B	0 R	120	.00 B	2	0 B	10 N	0 R	0 B
CH091	50 N	30	200 N	150	.00 B	0.00 B	0 R	140	.00 R	4	0 B	10 L	0 B	0 B
CH092	50 N	30	200 N	150	.00 H	0.00 B	0 B	100	.00 B	2	0 R	10 L	0 B	0 B
CH093	50 N	30	200 N	150	.00 R	0.00 B	0 R	100	.00 B	2	0 R	10 L	0 B	0 B
CH094	50 N	30	200 N	150	.00 B	0.00 B	0 R	95	.00 B	0 B	0 B	0 B	0 B	0 B
CH095	50 N	50	200 N	300	.00 H	0.00 B	0 R	90	.00 B	2	0 B	10 L	0 B	0 B
CH096	50 N	20	200 H	100	.00 H	0.00 B	0 B	95	.00 H	0 B	0 H	10 L	0 B	0 B
CH097	50 N	30	200 N	150	.00 H	0.00 B	0 B	90	.00 B	1	0 R	10 L	0 B	0 R
CH098	50 N	30	200 N	150	.00 H	0.00 B	0 B	120	.00 R	2	0 R	10 L	0 B	0 B
CH099	50 N	30	200 N	150	.00 B	0.00 B	0 R	100	.00 B	2	0 H	10 N	0 R	0 B
CH100	50 N	30	200 N	200	.00 H	0.00 B	0 H	110	.00 B	2	0 R	10 L	0 H	0 B
CH101	50 N	20	200 N	150	.00 H	0.00 B	0 H	90	.00 B	1	0 B	10 N	0 B	0 B
CH102	50 N	30	200 N	150	.00 R	0.00 B	0 B	85	.00 B	1	0 B	10 L	0 H	0 R
CH103	50 N	30	200 N	150	.00 H	0.00 B	0 R	150	.00 B	2	0 B	10 L	0 B	0 B
CH104	50 N	30	200 N	150	.00 B	0.00 B	0 B	85	.00 B	2	0 B	10 L	0 B	0 B
CH105	50 N	30	200 N	150	.00 H	0.00 B	0 R	55	.00 B	4	0 H	10 L	0 B	0 B
CH106	50 N	30	200 L	150	.00 B	0.00 B	0 B	95	.00 H	2	0 B	10 L	0 R	0 B
CH107	50 N	30	200 N	100	.00 H	0.00 B	0 H	75	.00 B	2	0 B	10 L	0 R	0 B
CH108	50 N	10 N	200 N	50	.00 R	0.00 B	0 B	65	.00 B	3	0 B	10 L	0 B	0 B
CH109	50 N	20	200 N	70	.00 B	0.00 B	0 B	30	.00 R	2	0 H	10 N	0 B	0 B
CH110	50 N	30	200 N	100	.00 B	0.00 B	0 B	65	.00 B	2	0 B	10 N	0 B	0 B
CH111	50 N	30	200 N	150	.00 B	0.00 B	0 R	65	.00 H	3	0 H	10 L	0 B	0 B
CH112	50 N	30	200 N	150	.00 B	0.00 B	0 R	75	.00 R	3	0 R	10 L	0 H	0 B
CH113	50 N	30	200 N	150	.00 H	0.00 B	0 R	120	.00 R	4	0 H	10 L	0 B	0 B
CH114	50 N	20	200 N	100	.00 B	0.00 B	0 R	80	.00 R	3	0 B	10 L	0 B	0 B
CH115	50 N	10	200 N	50	.00 H	0.00 B	0 R	50	.00 H	1	0 H	10 L	0 B	0 B

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SAMPLE	LATITUDE	LONGITUDE	S-FPK	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-RA
CH116	67 48 29	149 29 14	5.0	1.5	5.00	.50	500	.5 N	200 N	10 N	150	1500
CH117	67 41 12	149 28 18	3.0	0.7	15.00	.10	300	.5 N	200 N	10 N	30	200
CH118	67 44 44	149 27 51	5.0	2.0	10.00	.30	1500	.5 N	200 N	10 N	150	500
CH119	67 39 20	149 28 31	3.0	1.5	3.00	.30	500	.5 N	200 N	10 N	50	500
CH120	67 42 36	149 27 2	3.0	1.5	7.00	.30	300	.5 N	200 N	10 N	70	300
CH121	67 37 5	149 29 50	1.5	2.0	20.00	.05	150	.5 N	200 N	10 N	10 N	100
CH122	67 40 41	149 26 45	3.0	1.5	10.00	.10	500	.5 N	200 N	10 N	10	200
CH123	67 33 43	149 24 24	5.0	1.0	3.00	.50	700	.5 N	200 N	10 N	50	500
CH124	67 37 22	149 27 33	3.0	2.0	10.00	.20	500	.5 N	200 N	10 N	30	300
CH125	67 35 6	149 21 1	10.0	3.0	5.00	.50	1000	.5 N	200 N	10 N	100	500
CH126	67 35 7	149 29 8	3.0	2.0	15.00	.20	700	.5 N	200 N	10 N	30	500
CH127	67 37 14	149 17 59	10.0	2.0	5.00	.30	1000	.5 N	200 N	10 N	150	1000
CH128	67 33 29	149 26 36	10.0	2.0	5.00	.30	1000	.5 N	200 N	10 N	150	500
CH129	67 38 42	149 18 55	3.0	1.0	7.00	.20	700	.5 N	200 N	10 N	30	200
CH129A	67 38 42	149 18 59	10.0	3.0	20.00	.50	1000	.5 N	200 N	10 N	150	300
CH129R	0 0 0 B	0 0 0 B	7.0	2.0	20.00	.30	1000	.5 N	200 N	10 N	150	300
CH130	67 34 27	149 22 59	3.0	2.0	7.00	.20	700	.5 N	200 N	10 N	50	500
CH131	67 40 14	149 19 32	5.0	1.0	7.00	.30	700	.5 N	200 N	10 N	70	200
CH132	67 32 44	149 18 47	10.0	2.0	2.00	.30	700	.5 N	200 N	10 N	30	700
CH133	67 42 27	149 20 12	10.0	2.0	2.00	.50	1500	.5 N	200 N	10 N	70	200
CH134	67 37 51	149 19 23	10.0	2.0	2.00	.20	500	.5 N	200 N	10 N	50	200
CH135	67 43 20	149 21 39	15.0	2.0	2.00	.50	500	.5 N	200 N	10 N	100	200
CH136	67 39 47	149 20 8	10.0	2.0	1.50	.30	300	.5 N	200 N	10 N	100	300
CH137	67 45 51	149 16 54	3.0	2.0	1.50	.10	500	.5 N	200 N	10 N	10	300
CH138	67 41 57	149 21 24	5.0	1.0	1.50	.20	700	.5 N	200 N	10 N	50	300
CH139	67 43 18	149 20 0	5.0	2.0	1.50	.20	500	.5 N	200 N	10 N	20	300
CH140	67 44 43	149 21 29	15.0	2.0	1.50	.50	1500	.5 N	200 N	10 N	100	500
CH141	67 47 12	149 13 24	5.0	1.0	1.00	.20	300	.5 N	200 N	10 N	10	700
CH143	67 51 25	149 3 23	10.0	3.0	2.00	.30	500	.5 N	200 N	10 N	30	500
CH144	67 50 13	149 4 13	10.0	2.0	2.00	.20	700	.5 N	200 N	10 N	30	500
CH145	67 48 37	149 1 13	5.0	3.0	3.00	.30	700	.5 N	200 N	10 N	30	300
CH146	67 46 40	149 3 42	10.0	2.0	2.00	.50	700	.5 N	200 N	10 N	50	300
CH147	67 46 36	149 5 57	5.0	1.0	1.00	.20	500	.5 N	200 N	10 N	30	200
CH148	67 44 47	149 5 16	15.0	2.0	2.00	.50	700	.5 N	200 N	10 N	100	200
CH149	67 43 12	149 3 20	10.0	2.0	2.00	.50	700	.5 N	200 N	10 N	100	200
CH150	67 42 41	149 1 56	3.0	1.0	1.00	.20	700	.5 N	200 N	10 N	70	200
CH151	67 41 26	149 2 47	5.0	1.5	1.00	.30	700	.5 N	200 N	10 N	10	300
CH152	67 41 20	149 0 53	5.0	1.5	2.00	.50	700	.5 N	200 N	10 N	100	700
CH153	67 42 42	149 7 4	5.0	2.0	2.00	.20	500	.5 N	200 N	10 N	100	200
CH154	67 43 44	149 12 39	10.0	2.0	15.00	.30	700	.5 N	200 N	10 N	30	200
CH155	67 42 19	149 6 59	10.0	2.0	7.00	.30	1000	.5 N	200 N	10 N	100	300

STREAM SEDIMENT SAMPLES FROM THE CHAGLAR QUADRANGLE, ALASKA--CONTINUED

SAMPLE	S=BE	S=BI	S=CD	S=CO	S=CK	S=CU	S=IA	S=HO	S=HB	S=KI	S=PH	S=SB	S=SC	S=SN	S=SR	S=V
CH116	3.0	10 N	20 N	15	100	30	20	5 N	20 N	70	20	100 N	15	10 N	200	150
CH117	1.0	10 N	20 N	15	70	30	70	5 N	20 N	30	20	100 N	5	10 N	200	70
CH118	2.0	10 N	20 N	15	70	30	20 N	5 N	20 N	50	20	100 N	15	10 N	100	100
CH119	1.0	10 N	20 N	15	100	30	20 N	5 N	20 N	70	20	100 N	10	10 N	100	100
CH120	1.0 N	10 N	20 N	15	70	30	20	5 N	20 N	30	20	100 N	15	10 N	100	100
CH121	1.0 N	10 N	20 N	5	30	15	20 N	5 N	20 N	10	10	100 N	5	10 N	200	30
CH122	1.0	10 N	20 N	15	150	30	20	5 N	20 N	50	20	100 N	10	10 N	100	70
CH123	2.0	10 N	20 N	10	70	20	20	5 N	20 N	30	15	100 N	15	10 N	100	100
CH124	1.0	10 N	20 N	10	70	30	20	5 N	20 N	30	30	100 N	10	10 N	300	70
CH125	2.0	10 N	20 N	15	100	30	30	5 N	20 N	50	30	100 N	15	10 N	200	150
CH126	1.0	10 N	20 N	5 N	70	30	20	5 N	20 N	15	20	100 N	10	10 N	100	70
CH127	1.0	10 N	20 N	20	100	50	20 N	7	20 N	70	30	100 N	15	10 N	200	200
CH128	2.0	10 N	20 N	20	100	30	20	5 N	20 N	70	30	100 N	15	10 N	200	150
CH129	1.0 N	10 N	20 N	10	50	30	20 N	5 N	20 N	30	15	100 N	7	10 N	500	70
CH129A	1.0	10 N	20 N	20	100	500	70	5 N	20	50	20	100 N	15	10 N	500	70
CH129B	1.0	10 N	20 N	15	50	500	50	5 N	20 N	30	20	100 N	7	10 N	500	70
CH130	1.0 N	10 N	20 N	15	50	150	20 N	5 N	20 N	30	20	100 N	7	10 N	300	70
CH131	1.0 N	10 N	20 N	15	70	30	20 N	5 N	20 N	30	15	100 N	7	10 N	500	70
CH132	1.0 N	10 N	20 N	5	50	30	20 N	5 N	20 N	30	20	100 N	5	10 N	200	70
CH133	1.0 N	10 N	20 N	10	70	50	20 N	5 N	20 N	30	20	100 N	10	10 N	200	70
CH134	1.0 N	10 N	20 N	15	50	500	20 N	5 N	20 N	30	20	100 N	10	10 N	700	70
CH135	1.0 N	10 N	20 N	30	100	50	20 N	5 N	20 N	50	30	100 N	15	10 N	100 N	150
CH136	1.0	10 N	20 N	15	70	30	20 N	5 N	20 N	50	20	100 N	10	10 N	300	70
CH137	1.0 N	10 N	20 N	10	70	20	20 N	5 N	20 N	30	20	100 N	5	10 N	200	70
CH138	1.0 N	10 N	20 N	10	70	30	20 N	5 N	20 N	30	20	100 N	10	10 N	100 N	70
CH139	1.0 N	10 N	20 N	10	100	30	20 N	5 N	20 N	50	30	100 N	10	10 N	200	70
CH140	1.0	10 N	20 N	20	70	50	20 N	5 N	20 N	70	30	100 N	20	10 N	100 N	100
CH141	1.0 N	10 N	20 N	10	70	30	20 N	5 N	20 N	30	20	100 N	5	10 N	100	70
CH143	1.0	10 N	20 N	10	100	30	70	5 N	20 N	50	30	100 N	10	10 N	100	100
CH144	1.0	10 N	20 N	10	70	30	20 N	5 N	20 N	30	30	100 N	10	10 N	200	70
CH145	1.0	10 N	20 N	10	70	30	20 N	5 N	20 N	30	30	100 N	10	10 N	100	70
CH146	1.0	10 N	20 N	15	70	70	20 N	5 N	20 N	50	30	100 N	15	10 N	300	100
CH147	1.0 N	10 N	20 N	10	50	30	20 N	5 N	20 N	30	30	100 N	5	10 N	300	50
CH148	1.0	10 N	20 N	20	150	30	20 N	5 N	20 N	70	20	100 N	15	10 N	300	70
CH149	1.0	10 N	20 N	20	70	30	20 N	5 N	20 N	30	20	100 N	10	10 N	700	70
CH150	1.0 N	10 N	20 N	10	50	30	20	5 N	20 N	30	20	100 N	5	10 N	200	70
CH151	1.0 N	10 N	20 N	10	50	30	20 N	5 N	20 N	30	20	100 N	10	10 N	200	70
CH152	1.0 N	10 N	20 N	15	70	30	20 N	5 N	20 N	30	30	100 N	10	10 N	200	70
CH153	1.0	10 N	20 N	15	100	15	20 N	5 N	20 N	70	30	100 N	10	10 N	300	100
CH154	1.0 N	10 N	20 N	10	70	70	20 N	5 N	20 N	30	10	100 N	15	10 N	150	70
CH155	3.0	10 N	20 N	20	100	10	30	5 N	20 N	70	20	100 N	15	10 N	300	100

STREAK SEDIMENT SAMPLES FROM THE CHANDLER QUADRANGLE, ALASKA--CONTINUED

SAMPLE	S-W	S-Y	S-ZW	S-ZR	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P	AA-AG-P	AA-SB-P	AA-AU-T	CM-AS	CM-SB	AAA-AU
CH116	50 N	30	200 L	150	.00 A	0.00 B	0 B	100	.00 B	2	0 H	10 L	0 B	0 B
CH117	50 N	20	200 N	70	.00 A	0.00 B	0 B	50	.00 B	1	0 H	10	0 B	0 B
CH118	50 N	30	200 N	100	.00 A	0.00 B	0 B	75	.00 B	2	0 B	10 N	0 B	0 B
CH119	50 N	15	200 N	200	.00 A	0.00 B	0 B	55	.00 B	1	0 H	10	0 B	0 B
CH120	50 N	20	200 N	150	.00 A	0.00 B	0 B	50	.00 B	1	0 B	10 L	0 B	0 B
CH121	50 N	10 N	200 N	20	.00 B	0.00 B	0 B	10	.00 B	1	0 H	10 N	0 B	0 B
CH122	50 N	10	200 N	100	.00 B	0.00 B	0 B	25	.00 B	2	0 B	20	0 B	0 B
CH123	50 N	20	200 N	150	.00 B	0.00 B	0 B	40	.00 B	1	0 B	10 L	0 B	0 B
CH124	50 N	10	200 N	70	.00 B	0.00 B	0 B	30	.00 B	1	0 B	10 N	0 B	0 B
CH125	50 N	20	200 N	150	.00 B	0.00 B	0 B	60	.00 B	1	0 B	10 L	0 B	0 B
CH126	50 N	20	200 N	100	.00 B	0.00 B	0 B	45	.00 B	2	0 B	10	0 B	0 B
CH127	50 N	20	200 N	150	.00 B	0.00 B	0 B	150	.00 B	2	0 H	10	0 B	0 B
CH128	50 N	30	200 N	200	.00 B	0.00 B	0 B	55	.00 B	2	0 B	10	0 B	0 B
CH129	50 N	10	200 N	70	.00 B	0.00 B	0 B	40	.00 B	1	0 B	10 N	0 B	0 B
CH129A	50 N	30	200 N	100	.00 B	0.00 B	0 B	55	.00 B	3	0 B	10 L	0 B	0 B
CH129B	50 N	20	200 N	100	.00 B	0.00 B	0 B	50	.00 B	2	0 B	10 L	0 B	0 B
CH130	50 N	20	200 N	150	.00 B	0.00 B	0 B	50	.00 B	2	0 H	10	0 B	0 B
CH131	50 N	10	200 N	150	.00 B	0.00 B	0 B	40	.00 B	1	0 B	10 L	0 B	0 B
CH132	50 N	10 N	200 N	70	.00 B	0.00 B	0 B	60	.00 B	1	0 H	20	0 B	0 B
CH133	50 N	20	200 N	100	.00 B	0.00 B	0 B	45	.00 B	2	0 B	40	0 B	0 B
CH134	50 N	20	200 N	70	.00 B	0.00 B	0 B	40	.00 B	1	0 B	10 L	0 B	0 B
CH135	50 N	20	200 N	150	.00 B	0.00 B	0 B	60	.00 B	1	0 B	10 N	0 B	0 B
CH136	50 N	20	200 N	100	.00 B	0.00 B	0 B	40	.00 B	1	0 B	10 L	0 B	0 B
CH137	50 N	15	200 N	50	.00 B	0.00 B	0 B	20	.00 B	1	0 H	10 L	0 B	0 B
CH138	50 N	15	200 N	70	.00 B	0.00 B	0 B	85	.00 B	2	0 B	10 N	0 B	0 B
CH139	50 N	20	200 N	70	.00 B	0.00 B	0 B	35	.00 B	1	0 H	10 L	0 B	0 B
CH140	50 N	30	200 N	150	.00 B	0.00 B	0 B	70	.00 B	1	0 B	40	0 B	0 B
CH141	50 N	15	200 N	70	.00 B	0.00 B	0 B	35	.00 B	1	0 H	10 L	0 B	0 B
CH143	50 N	20	200 N	100	.00 B	0.00 B	0 B	95	.00 B	2	0 H	10 L	0 B	0 B
CH144	50 N	20	200 N	70	.00 B	0.00 B	0 B	55	.00 B	2	0 H	10 N	0 B	0 B
CH145	50 N	20	200 N	70	.00 B	0.00 B	0 B	70	.00 B	2	0 B	10	0 B	0 B
CH146	50 N	30	200 N	100	.00 B	0.00 B	0 B	65	.00 B	1	0 B	10 L	0 B	0 B
CH147	50 N	30	200 N	70	.00 B	0.00 B	0 B	60	.00 B	2	0 B	10	0 B	0 B
CH148	50 N	30	200 N	150	.00 B	0.00 B	0 B	0 B	.00 B	1	0 B	10 N	0 B	0 B
CH149	50 N	30	200 N	150	.00 B	0.00 B	0 B	0 B	.00 B	1	0 H	20	0 B	0 B
CH150	50 N	15	200 N	70	.00 B	0.00 B	0 B	0 B	.00 B	2	0 H	10	0 B	0 B
CH151	50 N	20	200 N	200	.00 B	0.00 B	0 B	35	.00 B	0 B	0 H	10 L	0 B	0 B
CH152	50 N	30	200 N	70	.00 B	0.00 B	0 B	65	.00 B	3	0 B	20	0 B	0 B
CH153	50 N	10	200 N	70	.00 B	0.00 B	0 B	50	.00 B	2	0 B	10	0 B	0 B
CH154	50 N	20	200 N	70	.00 B	0.00 B	0 B	35	.00 B	1	0 H	10 L	0 B	0 B
CH155	50 N	20	200 N	150	.00 B	0.00 B	0 B	45	.00 B	2	0 B	10 L	0 B	0 B

STREAM SEDIMENT SAMPLES FROM THE CHANDLAR QUADRANGLE, ALASKA--CONTINUED

SAMPLE	LATITUDE	LONGITUDE	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-RA
CH156	67 41 3	149 11 56	7.0	2.0	5.00	.30	700	.5 N	200 N	10 N	100	200
CH157	67 41 35	149 13 9	5.0	2.0	7.00	.20	700	.5 N	200 N	10 N	100	300
CH158	67 40 54	149 11 56	5.0	2.0	5.00	.30	700	.5 N	200 N	10 N	100	200
CH159	67 40 28	149 13 55	5.0	2.0	10.00	.20	700	.5 N	200 N	10 N	50	150
CH160	67 38 59	149 10 42	10.0	2.0	0.50	.50	700	.5	200 N	10 N	150	500
CH161	67 37 45	149 11 16	10.0	2.0	0.50	.50	1000	.5 N	200 N	10 N	50	200
CH162	67 39 10	149 7 37	3.0	0.7	1.00	.30	500	.5 N	200 N	10 N	20	300
CH163	67 38 52	149 7 23	5.0	1.0	0.50	.30	700	1.0	200 N	10 N	50	300
CH164	67 35 31	149 9 41	3.0	1.0	0.50	.20	700	.5 N	200 N	10 N	20	500
CH165	67 39 6	149 4 58	10.0	2.0	0.50	.30	1000	.5 N	200 N	10 N	50	300
CH166	67 34 59	149 7 47	5.0	1.0	2.00	.30	700	.5 N	200 N	10 N	20	500
CH167	67 35 14	149 12 33	3.0	1.0	2.00	.50	700	.5 N	200 N	10 N	50	200
CH168	67 35 52	149 1 18	5.0	1.5	2.00	.30	500	.5 N	200 N	10 N	30	700
CH169	67 34 18	149 8 39	3.0	0.7	2.00	.30	1000	.5 N	200 N	10 N	30	200
CH170	67 58 42	148 56 2	5.0	1.0	0.05	.30	300	.5 N	200 N	10 N	50	500
CH171	67 34 49	149 2 8	15.0	1.5	0.20	.70	500	.5 N	200 N	10 N	150	1000
CH172	67 59 29	148 47 8	15.0	2.0	10.00	1.00	1500	.5 N	200 N	10 N	150	300
CH173	67 58 32	148 59 44	10.0	1.0	0.30	.50	700	.5 N	200 N	10 N	100	500
CH174	67 59 44	148 40 2	15.0	1.5	0.20	.50	500	.5 N	200 N	10 N	150	500
CH175	67 57 38	148 53 9	15.0	1.5	0.20	.70	500	.5 N	200 N	10 N	150	700
CH176	67 59 20	148 32 30	10.0	2.0	0.20	.50	300	.5 N	200 N	10 N	100	500
CH177	67 55 58	148 47 40	15.0	2.0	10.00	.70	500	.5 N	200 N	10 N	150	700
CH178	67 59 22	148 40 19	15.0	2.0	0.30	.70	500	.5 N	200 N	10 N	150	500
CH179	67 56 12	148 42 7	10.0	2.0	7.00	.50	700	.5 N	200 N	10 N	150	500
CH180	67 56 30	148 38 34	7.0	1.5	20.00 G	.20	200	.5 N	200 N	10 N	70	200
CH181	67 58 12	148 40 6	10.0	2.0	7.00	.30	300	.5 N	200 N	10 N	100	300
CH182	67 54 32	148 37 54	10.0	3.0	20.00	.30	500	.5 N	200 N	10 N	70	300
CH183	67 55 50	148 34 50	5.0	1.5	3.00	.30	700	.5 N	200 N	10 N	100	300
CH184	67 53 59	148 45 24	3.0	2.0	20.00	.15	150	.5 N	200 N	10 N	10	300
CH185	67 53 14	148 38 23	10.0	2.0	5.00	.50	700	.5 N	200 N	10 N	150	700
CH186	67 51 0	148 50 8	15.0	3.0	7.00	.30	700	.5 N	200 N	10 N	200	500
CH187	67 52 45	148 57 5	5.0	1.5	2.00	.50	500	.5 N	200 N	10 N	10	500
CH188	67 47 44	148 47 8	10.0	2.0	5.00	.50	700	.5 N	200 N	10 N	200	200
CH189	67 52 33	148 56 47	15.0	2.0	2.00	.70	700	.5 N	200 N	10 N	150	2000
CH190	67 48 42	148 41 26	3.0	1.5	20.00 G	.15	300	.5 N	200 N	10 N	20	150
CH191	67 49 42	148 56 0	10.0	3.0	15.00	.30	700	.5 N	200 N	10 N	100	500
CH192	67 42 32	148 39 7	15.0	3.0	10.00	.50	700	.5 N	200 N	10 N	100	500
CH193	67 46 57	148 54 56	5.0	3.0	15.00	.30	500	.5 N	200 N	10 N	30	300
CH194	67 43 17	148 44 34	7.0	3.0	2.00	.50	500	.5 N	200 N	10 N	200	700
CH195	67 48 33	148 35 25	10.0	2.0	5.00	.50	700	.5 N	200 N	10 N	100	500
CH196	67 44 57	148 37 42	15.0	3.0	7.00	.70	2000	.5 N	200 N	10 N	150	300

SAMPLE	S-BE	S-BI	S-CD	S-CO	S-CP	S-CU	S-LA	S-UO	S-NH	S-PI	S-PR	S-SH	S-SC	S-SN	S-SR	S-V
CH156	1.0	10 N	20 N	20	70	20	20	5 N	20 N	50	10	100 N	10	10 N	300	70
CH157	2.0	10 N	20 N	20	100	30	20	5 N	20 N	70	30	100 N	10	10 N	700	70
CH158	1.0	10 N	20 N	20	70	30	20	5 N	20 N	50	20	100 N	7	10 N	500	70
CH159	1.0	10 N	20 N	15	70	30	20	5 N	20 N	30	20	100 N	7	10 N	1000	50
CH160	2.0	10 L	20 N	15	100	100	20	5 N	20 N	30	30	100 N	15	100	100 N	100
CH161	1.0	10 N	20 N	20	50	30	20	5 N	20 N	30	10	100 N	15	10 N	100 N	70
CH162	3.0	10 N	20 N	10	30	15	20	5 N	20 N	30	20	100 N	7	10 N	100 N	50
CH163	2.0	10 N	20 N	20	50	70	20	5 N	20 N	30	10	100 N	15	10 N	100	70
CH164	2.0	10 N	20 N	15	30	100	20	5 N	20 N	20	30	100 N	15	10 N	100 N	70
CH165	2.0	10 N	20 N	20	100	30	100	5 N	20 N	50	30	100 N	15	10	100 N	100
CH166	1.0	10 N	20 N	15	20	30	20	5 N	20 N	30	20	100 N	15	10 N	100 N	70
CH167	1.0	10 N	20 N	10	50	15	20	5 N	20 N	20	10	100 N	10	10 N	100	50
CH168	1.0	10 N	20 N	20	70	30	20	5 N	20 N	50	20	100 N	15	10 N	100	100
CH169	5.0	10 N	20 N	10	30	20	50	5 N	20 N	30	10	100 N	15	10 N	100	50
CH170	3.0	10 N	20 N	20	70	30	30	5 N	20 N	70	15	100 N	15	10 N	100 N	100
CH171	3.0	10 N	20 N	20	150	50	50	5 N	50	70	20	100 N	20	10 N	100 N	300
CH172	2.0	10 N	20 N	20	150	30	100	5 N	50	30	30	100 N	50	10 N	300	300
CH173	3.0	10 N	20 N	20	150	30	20	5 N	20 N	70	30	100 N	15	10 N	100 M	200
CH174	3.0	10 N	20 N	20	150	50	20	5 N	20 N	70	30	100 N	20	10 N	100 N	200
CH175	3.0	10 N	20 N	30	150	50	30	5 N	20 N	70	30	100 N	20	10 N	100 N	200
CH176	2.0	10 N	20 N	30	150	30	20	5 N	20 N	70	20	100 N	20	10 N	100 N	150
CH177	3.0	10 N	20 N	30	150	30	50	5 N	20 N	70	20	100 N	70	10 N	300	300
CH178	3.0	10 N	20 N	30	150	30	50	5 N	20 N	70	30	100 N	20	10 N	100 N	200
CH179	3.0	10 N	20 N	30	150	30	20	5 N	20 N	70	30	100 N	20	10 N	100	200
CH180	2.0	10 N	20 N	10	70	20	20	5 N	20 N	30	30	100 N	5	10 N	100	50
CH181	1.0	10 N	20 N	20	150	30	20	5 N	20 N	70	20	100 N	15	10 N	100	150
CH182	1.0	10 N	20 N	15	150	30	20	5 N	20 N	50	20	100 N	15	10 N	200	100
CH183	1.0	10 N	20 N	15	70	30	20	5 N	20 N	30	20	100 N	15	10 N	200	70
CH184	1.0	10 N	20 N	10	70	15	20	5 N	20 N	30	10	100 N	10	10 N	150	70
CH185	2.0	10 N	20 N	20	150	30	20	5 N	50	30	30	100 N	20	10 N	200	150
CH186	3.0	10 N	20 N	30	150	30	20	5 N	20 N	70	30	100 N	20	10 N	300	150
CH187	2.0	10 N	20 N	10	50	30	20	5 N	20 N	20	30	100 N	20	10 N	300	100
CH188	1.0	10 N	20 N	20	100	30	20	5 N	20 N	50	20	100 N	15	10 N	300	100
CH189	2.0	10 N	20 N	30	200	50	20	5 N	20 N	70	20	100 N	20	10 N	100	200
CH190	1.0	10 N	20 N	10	70	30	20	5 N	20 N	30	50	100 N	10	10 N	100	50
CH191	2.0	10 N	20 N	20	150	30	20	5 N	20 N	70	30	100 N	20	10 N	100	150
CH192	3.0	10 N	20 N	30	150	200	20	5 N	20 N	70	50	100 N	20	10 N	200	200
CH193	1.0	10 N	20 N	10	100	30	20	5 N	20 N	50	20	100 N	10	10 N	100	100
CH194	3.0	10 N	20 N	30	200	70	70	5 N	20 N	100	30	100 N	30	10 N	200	300
CH195	1.0	10 N	20 N	30	70	30	50	5 N	100	70	30	100 N	15	10 N	500	150
CH196	2.0	10 N	20 N	30	150	50	20	5 N	20 N	100	30	100 N	20	10 N	500	150

STREAM SEDIMENT SAMPLES FROM THE CHADLAP QUADRANGLE, ALASKA--CONTINUED

SAMPLE	S-W	S-Y	S-ZN	S-ZR	AA-AU-P	AA-CU-P	AA-PH-P	AA-ZN-P	AA-AG-P	AP-SB-P	AA-AU-T	CM-AS	CM-SB	AAA-AU
CH156	50 N	20	200 N	150	0.00 H	0.00 H	0 R	45	0.00 H	3	0 B	10 N	0 B	0 B
CH157	50 N	20	200 N	200	0.00 H	0.00 H	0 B	55	0.00 H	1	0 B	10 N	0 B	0 B
CH158	50 N	15	200 N	100	0.00 B	0.00 B	0 B	45	0.00 B	2	0 B	10	0 B	0 B
CH159	50 N	15	200 N	70	0.00 B	0.00 B	0 B	30	0.00 B	5	0 B	20	0 B	0 B
CH160	50 N	30	300	300	0.00 B	0.00 B	0 B	55	0.00 B	2	0 B	160	0 B	0 B
CH161	50 N	20	200 N	300	0.00 B	0.00 B	0 B	50	0.00 B	2	0 B	20	0 H	0 B
CH162	50 N	30	200 N	300	0.00 H	0.00 B	0 A	50	0.00 B	1	0 A	10	0 A	0 B
CH163	50 N	20	200 N	150	0.00 H	0.00 H	0 B	50	0.00 B	2	0 H	20	0 B	0 B
CH164	50 N	30	200 N	150	0.00 H	0.00 B	0 B	45	0.00 B	2	0 B	10 L	0 B	0 B
CH165	50 N	150	200 N	70	0.00 H	0.00 H	0 B	70	0.00 B	4	0 B	40	0 B	0 B
CH166	50 N	30	200 N	70	0.00 H	0.00 H	0 B	60	0.00 B	3	0 B	10	0 B	0 B
CH167	50 N	30	200 N	300	0.00 B	0.00 H	0 B	40	0.00 B	2	0 B	10 L	0 A	0 B
CH168	50 N	20	200 N	100	0.00 H	0.00 H	0 H	65	0.00 B	2	0 B	10 L	0 B	0 B
CH169	50 N	30	200 N	70	0.00 B	0.00 B	0 H	45	0.00 B	1	0 A	10	0 A	0 B
CH170	50 N	15	200 N	100	0.00 H	0.00 B	0 A	150	0.00 H	5	0 B	10 L	0 B	0 B
CH171	50 N	30	200 L	200	0.00 H	0.00 H	0 B	120	0.00 A	2	0 B	10 L	0 B	0 B
CH172	50 N	300	200 L	500	0.00 H	0.00 H	0 B	60	0.00 H	2	0 B	10 N	0 B	0 B
CH173	50 N	30	200 L	200	0.00 B	0.00 H	0 H	120	0.00 B	3	0 B	10 N	0 B	0 B
CH174	50 N	30	200 L	200	0.00 H	0.00 H	0 H	150	0.00 B	2	0 B	10 L	0 B	0 B
CH175	50 N	50	200 L	200	0.00 H	0.00 B	0 B	150	0.00 B	2	0 B	10 N	0 A	0 B
CH176	50 N	20	200 H	150	0.00 B	0.00 H	0 H	130	0.00 B	3	0 H	10 N	0 B	0 B
CH177	50 N	30	200 L	150	0.00 H	0.00 H	0 B	120	0.00 B	3	0 H	10 N	0 B	0 B
CH178	50 N	30	200 N	150	0.00 H	0.00 H	0 B	140	0.00 H	3	0 B	10 N	0 B	0 B
CH179	50 N	30	200 N	150	0.00 B	0.00 H	0 B	140	0.00 B	4	0 H	10 N	0 B	0 B
CH180	50 N	15	200 N	50	0.00 H	0.00 B	0 B	90	0.00 B	4	0 B	40	0 B	0 B
CH181	50 N	30	200 N	100	0.00 H	0.00 H	0 A	120	0.00 B	2	0 H	10 N	0 B	0 B
CH182	50 N	30	200 N	70	0.00 H	0.00 H	0 A	80	0.00 H	2	0 B	10 N	0 B	0 B
CH183	50 N	30	200 N	500	0.00 B	0.00 H	0 A	50	0.00 H	3	0 H	10	0 B	0 B
CH184	50 N	20	200 N	70	0.00 B	0.00 H	0 B	50	0.00 B	2	0 B	10 N	0 B	0 B
CH185	50 N	30	200 N	200	0.00 H	0.00 H	0 B	40	0.00 A	2	0 H	10 N	0 B	0 B
CH186	50 N	30	200 N	200	0.00 H	0.00 H	0 B	95	0.00 B	2	0 H	10 N	0 B	0 B
CH187	50 N	30	200 N	300	0.00 H	0.00 H	0 B	30	0.00 B	1	0 H	10 N	0 A	0 B
CH188	50 N	30	200 N	200	0.00 H	0.00 H	0 B	50	0.00 B	3	0 H	10 N	0 B	0 B
CH189	50 N	30	200	200	0.00 H	0.00 H	0 A	190	0.00 B	10	0 A	10 N	0 B	0 B
CH190	50 N	20	200 N	50	0.00 B	0.00 H	0 B	140	0.00 H	3	0 H	10 N	0 B	0 B
CH191	50 N	30	200 N	100	0.00 H	0.00 B	0 H	110	0.00 H	4	0 B	10 L	0 B	0 H
CH192	50 N	30	200 N	150	0.00 H	0.00 H	0 B	150	0.00 B	2	0 H	10	0 A	0 B
CH193	50 N	20	200 N	70	0.00 H	0.00 H	0 H	95	0.00 B	2	0 H	10 N	0 A	0 B
CH194	50 N	30	200 N	200	0.00 H	0.00 H	0 H	130	0.00 H	2	0 H	10	0 H	0 B
CH195	50 N	30	200 N	100	0.00 H	0.00 H	0 B	45	0.00 H	2	0 H	20	0 A	0 B
CH196	50 N	30	200 N	150	0.00 H	0.00 B	0 H	50	0.00 H	1	0 B	10 L	0 B	0 B

SAMPLE	LATITUDE	LONGITUDE	S-FE%	S-MG%	S-CA%	S-TI%	S-MH	S-AG	S-AS	S-AU	S-B	S-BA
CH197	67 41 51	148 39 20	10.0	2.0	5.00	.30	700	.5 N	200 N	10 N	10	700
CH198	67 41 54	148 45 33	5.0	1.5	3.00	.30	1000	.5 N	200 N	10 N	10	500
CH199	67 41 8	148 44 40	15.0	2.0	2.00	.70	700	.5 N	200 N	10 N	70	500
CH200	67 36 2	149 54 16	10.0	1.5	5.00	.70	1000	.5 N	200 N	10 N	150	300
CH201	67 36 45	149 53 21	10.0	1.0	7.00	.70	1000	.5 N	200 N	10 N	150	300
CH202	67 34 36	149 55 9	10.0	1.5	1.00	.50	3000	.5 N	200 N	10 N	200	700
CH203	67 35 35	149 53 45	10.0	1.0	2.00	.70	2000	.5 N	200 N	10 N	150	300
CH204	67 32 57	149 59 12	10.0	1.5	2.00	.70	1000	.5 N	200 N	10 N	150	300
CH205	67 33 47	149 56 11	5.0	1.0	0.30	.50	2000	.5 N	200 N	10 N	150	300
CH206	67 32 12	149 54 51	10.0	2.0	1.00	.70	1000	.5 N	200 N	10 N	150	500
CH207	67 31 40	149 57 2	15.0	2.0	0.20	.70	1000	.5 N	200 N	10 N	200	500
CH208	67 32 21	149 48 20	7.0	1.5	2.00	.50	1500	.5 N	200 N	10 N	150	300
CH209	67 30 57	149 52 17	10.0	1.0	0.50	.70	1000	.5 N	200 N	10 N	100	300
CH210	67 35 9	149 48 33	10.0	1.5	5.00	.70	2000	.5 N	200 N	10 N	200	300
CH211	67 34 57	149 49 59	7.0	1.5	10.00	.70	700	.5 N	200 N	10 N	100	200
CH212	67 35 0	149 36 43	3.0	2.0	20.00 G	.15	300	.5 N	200 N	10 N	10	200
CH213	67 35 15	149 41 22	3.0	2.0	20.00	.20	1000	.5 N	200 N	10 N	50	150
CH214	67 33 10	149 37 47	10.0	2.0	3.00	.70	1000	.5 N	200 N	10 N	150	500
CH215	67 33 39	149 35 57	15.0	3.0	5.00	.70	2000	.5 N	200 N	10 N	150	500
CH216	67 32 50	149 37 24	15.0	3.0	2.00	.70	1500	.5 N	200 N	10 N	150	500
CH217	67 32 53	149 33 6	3.0	1.0	10.00	.20	700	.5 N	200 N	10 N	30	200
CH218	67 30 20	149 22 37	7.0	1.5	0.30	.70	700	.5 N	200 N	10 N	100	200
CH219	67 30 44	149 33 14	3.0	0.7	2.00	.70	700	.5 N	200 N	10 N	50	150
CH220	67 31 22	149 10 0	5.0	1.0	1.50	.70	1000	.5 N	200 N	10 N	150	200
CH221	67 31 4	149 28 5	3.0	0.7	7.00	.20	700	.5 N	200 N	10 N	100	200
CH222	67 33 24	149 2 57	5.0	2.0	5.00	.20	500	.5 N	200 N	10 N	70	700
CH223	67 30 52	149 10 33	10.0	1.0	1.00	.70	1500	.5 N	200 N	10 N	150	300
CH224	67 31 12	149 2 12	3.0	1.0	2.00	.30	500	.5 N	200 N	10 N	30	300
CH225	67 31 12	149 10 46	5.0	1.0	1.00	.50	700	.5 N	200 N	10 N	150	200
CH226	67 32 20	148 58 30	5.0	2.0	7.00	.30	700	.5 N	200 N	10 N	50	700
CH227	67 30 18	148 58 18	15.0	2.0	3.00	.70	700	.5 N	200 N	10 N	30	700
CH228	67 30 36	148 49 22	15.0	2.0	2.00	.50	700	.5 N	200 N	10 N	50	500
CH229	67 30 55	148 50 26	5.0	1.0	3.00	.50	700	.5 N	200 N	10 N	150	150
CH230	67 30 43	148 51 1	10.0	2.0	3.00	.50	700	.5 N	200 N	10 N	150	500
CH231	67 30 32	148 46 51	10.0	2.0	1.50	.50	700	.5 N	200 N	10 N	100	700
CH232	67 33 19	148 38 17	15.0	1.0	0.50	.70	500	.5 N	200 N	10 N	100	500
CH233	67 33 8	148 41 17	10.0	2.0	1.50	.70	1000	.5 N	200 N	10 N	50	500
CH234	67 33 6	148 33 11	15.0	1.5	1.50	.70	700	.5 N	200 N	10 N	200	700
CH235	67 33 39	148 37 39	10.0	2.0	15.00	.30	500	.5 N	200 N	10 N	150	300
CH236	67 57 47	148 29 6	15.0	1.0	1.00	.50	700	.5 N	200 N	10 N	150	1500
CH237	67 30 47	148 36 12	15.0	2.0	1.50	.70	700	.5 N	200 N	10 N	70	300

SAMPLE	S-BE	S-BI	S-CD	S-CO	S-CH	S-CU	S-LA	S-MO	S-PH	S-WI	S-PH	S-SB	S-SC	S-SH	S-SR	S-V
CH197	3.0	10 N	20 N	15	70	30	5 N	20 N	30	30	100 N	15	10 N	300	150	
CH198	2.0	10 N	20 N	15	70	20	15	20 N	30	50	100 N	15	10 N	500	100	
CH199	3.0	10 N	20 N	30	150	20	5 N	20 N	30	70	100 N	20	10 N	200	150	
CH200	1.0	10 N	20 N	20	100	50	5 N	20 N	20	50	100 N	15	10 N	500	150	
CH201	1.0	10 N	20 N	20	70	20	5 N	20 N	20	50	100 N	15	10 N	500	100	
CH202	2.0	10 N	20 N	30	100	30	5 N	20 N	30	70	100 N	20	10 N	100 N	150	
CH203	2.0	10 N	20 N	30	100	30	5 N	20 N	30	70	100 N	15	10 N	200	100	
CH204	1.0	10 N	20 N	30	100	30	5 N	20 N	20	50	100 N	15	10 N	100	100	
CH205	1.0	10 N	20 N	30	70	30	5 N	20 N	10	70	100 N	10	10 N	100 N	70	
CH206	1.0	10 N	20 N	30	100	70	5 N	20 N	30	70	100 N	20	10 N	100 N	150	
CH207	1.0	10 N	20 N	30	150	50	5 N	20 N	20	70	100 N	30	10 N	100 N	150	
CH208	1.0	10 N	20 N	15	50	30	5 N	20 N	15	30	100 N	15	10 N	100 N	100	
CH209	1.0	10 N	20 N	30	100	30	5 N	20 N	20	70	100 N	20	10 N	100 N	150	
CH210	1.0	10 N	20 N	30	100	30	5 N	20 N	20	50	100 N	15	10 N	100 N	150	
CH211	1.0	10 N	20 N	30	70	20	5 N	20 N	20	30	100 N	15	10 N	1000	100	
CH212	1.0	10 N	20 N	10	70	30	5 N	20 N	15	30	100 N	10	10 N	300	70	
CH213	1.0	10 N	20 N	10	30	15	5 N	20 N	15	30	100 N	5	10 N	300	70	
CH214	1.0	10 N	20 N	30	100	30	5 N	20 N	20	70	100 N	15	10 N	100	200	
CH215	1.0	10 N	20 N	30	150	30	5 N	20 N	30	50	100 N	30	10 N	200	200	
CH216	1.0	10 L	20 N	30	150	30	5 N	20 N	30	50	100 N	30	10 N	200	200	
CH217	1.0	10 N	20 N	10	50	20	5 N	20 N	20	30	100 N	5	10 N	200	70	
CH218	2.0	10 N	20 N	20	70	30	5 N	20 N	20	30	100 N	15	10 N	100 N	150	
CH219	1.0	10 N	20 N	10	50	20	5 N	20 N	10	20	100 N	10	10 N	100 N	100	
CH220	2.0	10 N	20 N	30	70	15	5 N	20 N	20	30	100 N	10	10 N	100	100	
CH221	1.0	10 N	20 N	15	50	20	5 N	20 N	20	30	100 N	10	10 N	150	100	
CH222	3.0	10 N	20 N	15	70	30	5 N	20 N	30	30	100 N	15	10 N	200	150	
CH223	3.0	10 N	20 N	30	70	20	5 N	20 N	20	30	100 N	15	10 N	100	150	
CH224	3.0	10 N	20 N	15	50	30	5 N	20 N	30	30	100 N	10	10 N	100	70	
CH225	2.0	10 N	20 N	15	70	20	5 N	20 N	20	30	100 N	15	10 N	100	100	
CH226	3.0	10 N	20 N	15	70	30	5 N	20 N	30	50	100 N	15	10 N	200	150	
CH227	3.0	10 N	20 N	20	100	30	5 N	20 N	30	70	100 N	30	10 N	200	200	
CH228	2.0	10 N	20 N	30	70	30	5 N	20 N	30	30	100 N	20	10 N	100	150	
CH229	3.0	10 N	20 N	15	70	20	5 N	20 N	30	30	100 N	20	10 N	200	100	
CH230	2.0	10 N	20 N	30	100	30	5 N	20 N	30	50	100 N	20	10 N	200	150	
CH231	2.0	10 N	20 N	30	100	30	5 N	20 N	30	50	100 N	20	10 N	100	200	
CH232	3.0	10 N	20 N	10	70	30	5 N	20 N	30	30	100 N	20	10 N	100	150	
CH233	3.0	10 N	20 N	20	70	70	5 N	20 N	50	30	100 N	30	10 N	100	150	
CH234	3.0	10 N	20 N	15	150	20	5 N	20 N	30	30	100 N	20	10 N	200	200	
CH235	2.0	10 N	20 N	20	200	30	5 N	20 N	70	30	100 N	20	10 N	200	150	
CH236	2.0	10 N	20 N	10	70	50	15	20 N	30	20	100 N	20	10 N	100	150	
CH237	2.0	10 N	20 N	20	70	50	5 N	20 N	20	30	100 N	20	10 N	100	150	

STREAM SEDIMENT SAMPLES FROM THE CORDIAR QUADRANGLE, ALASKA--CONTINUED

SAMPLE	S-W	S-Y	S-ZN	S-ZR	AA-AU-P	AA-CU-P	AA-PB-P	AA-Zn-P	AA-AG-P	AA-SB-P	AA-AU-T	CM-AS	CH-SB	AAA-AU
CH197	50 N	20	200 N	70	0.00 B	0.00 B	0 B	40	.00 H	1	0 B	10 N	0 B	0 B
CH198	50 N	30	200 L	100	0.00 A	0.00 A	0 B	85	.00 B	2	0 H	10 N	0 B	0 B
CH199	50 N	30	200 N	150	0.00 A	0.00 A	0 B	110	.00 A	3	0 H	10	0 B	0 B
CH200	50 N	30	200 N	150	0.00 A	0.00 A	0 B	65	.00 B	1	0 B	10 N	0 B	0 B
CH201	50 N	30	200 N	150	0.00 H	0.00 H	0 B	60	.00 B	1	0 B	10 N	0 B	0 B
CH202	50 N	30	200 N	150	0.00 H	0.00 H	0 B	80	.00 B	2	0 B	10 L	0 B	0 B
CH203	50 N	30	200 N	150	0.00 A	0.00 A	0 B	75	.00 B	1	0 B	10 L	0 B	0 B
CH204	50 N	30	200 N	150	0.00 B	0.00 B	0 B	75	.00 B	2	0 B	10 N	0 B	0 B
CH205	50 N	20	200 N	100	0.00 A	0.00 A	0 B	85	.00 B	3	0 B	10 N	0 B	0 B
CH206	50 N	30	200 N	100	0.00 A	0.00 A	0 B	75	.00 B	2	0 B	10 N	0 B	0 B
CH207	50 N	30	200 N	100	0.00 A	0.00 B	0 B	110	.00 H	4	0 B	10 L	0 B	0 B
CH208	50 N	20	200 N	200	0.00 A	0.00 B	0 B	65	.00 A	2	0 B	10 N	0 B	0 B
CH209	50 N	30	200 N	150	0.00 B	0.00 B	0 B	75	.00 A	10	0 B	10 N	0 B	0 B
CH210	50 N	30	200 N	150	0.00 B	0.00 B	0 B	65	.00 B	15	0 B	10 L	0 B	0 B
CH211	50 N	30	200 N	100	0.00 A	0.00 B	0 B	45	.00 B	1	0 B	10 N	0 B	0 B
CH212	50 N	15	200 N	70	0.00 H	0.00 H	0 B	20	.00 B	1	0 B	10 N	0 B	0 B
CH213	50 N	10	200 N	50	0.00 A	0.00 B	0 B	30	.00 A	1	0 B	10 N	0 B	0 B
CH214	50 N	30	200 N	150	0.00 A	0.00 A	0 B	95	.00 A	4	0 B	10 L	0 B	0 B
CH215	50 N	50	200 N	200	0.00 A	0.00 A	0 B	95	.00 A	4	0 B	10 L	0 B	0 B
CH216	50 N	50	200 N	200	0.00 B	0.00 B	0 B	90	.00 B	3	0 B	10 L	0 B	0 B
CH217	50 N	20	200 N	70	0.00 B	0.00 B	0 B	45	.00 A	3	0 B	10 L	0 B	0 B
CH218	50 N	15	200 N	200	0.00 B	0.00 B	0 B	85	.00 B	2	0 B	10 L	0 B	0 B
CH219	50 N	10	200 N	70	0.00 A	0.00 B	0 B	60	.00 B	2	0 B	10 L	0 B	0 B
CH220	50 N	30	200 N	200	0.00 A	0.00 B	0 B	70	.00 B	2	0 B	10 N	0 B	0 B
CH221	50 N	15	200 N	100	0.00 B	0.00 A	0 B	50	.00 B	3	0 B	10 N	0 B	0 B
CH222	50 N	30	200 N	100	0.00 B	0.00 A	0 B	90	.00 A	2	0 B	10 L	0 B	0 B
CH223	50 N	30	200 N	100	0.00 A	0.00 A	0 B	95	.00 B	2	0 B	10 N	0 B	0 B
CH224	50 N	30	200 N	70	0.00 B	0.00 B	0 B	45	.00 A	2	0 B	10 L	0 B	0 B
CH225	50 N	20	200 N	100	0.00 B	0.00 B	0 B	70	.00 A	2	0 B	10 L	0 B	0 B
CH226	50 N	30	200 N	150	0.00 B	0.00 A	0 B	70	.00 A	3	0 B	10	0 B	0 B
CH227	50 N	50	200 N	200	0.00 A	0.00 A	0 B	80	.00 H	2	0 B	10 N	0 B	0 B
CH228	50 N	30	200 N	150	0.00 A	0.00 A	0 B	90	.00 A	2	0 B	10 N	0 B	0 B
CH229	50 N	50	200 N	150	0.00 A	0.00 B	0 B	55	.00 A	2	0 B	10 L	0 B	0 B
CH230	50 N	30	200 N	150	0.00 B	0.00 B	0 B	95	.00 B	2	0 B	10 L	0 B	0 B
CH231	50 N	30	300	150	0.00 A	0.00 A	0 B	170	.00 A	2	0 B	10 N	0 B	0 B
CH232	50 N	20	200 N	200	0.00 H	0.00 B	0 B	75	.00 H	2	0 B	40	0 B	0 B
CH233	50 N	50	200 N	150	0.00 B	0.00 A	0 B	130	.00 B	2	0 B	10 L	0 B	0 B
CH234	50 N	30	200 N	150	0.00 A	0.00 A	0 B	75	.00 A	2	0 B	10 L	0 B	0 B
CH235	50 N	20	200 L	100	0.00 B	0.00 A	0 B	170	.00 A	2	0 B	10 L	0 B	0 B
CH236	50 N	20	200 N	100	0.00 A	0.00 B	0 B	50	.00 A	3	0 B	20	0 B	0 B
CH237	50 N	30	200 N	100	0.00 B	0.00 B	0 B	95	.00 B	1	0 B	20	0 B	0 B

STREAM SEDIMENT SAMPLES FROM THE CHARLIAR QUADRANGLE, ALASKA--CONTINUED

SAMPLE	LATITUDE	LONGITUD	S-FF%	S-UG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA
CH238	67 59 4	148 24 7	10.0	2.0	1.50	.50	300	.5 N	200 N	10 N	100	500
CH239	67 58 28	148 28 57	3.0	1.0	2.00	.30	200	.5 N	200 N	10 N	70	300
CH240	67 54 6	148 28 40	10.0	2.0	10.00	.20	700	.5 N	200 N	10 N	70	300
CH241	67 57 10	148 28 44	5.0	1.5	5.00	.30	300	.5 N	200 N	10 N	70	500
CH242	67 55 36	148 14 35	5.0	1.5	7.00	.30	300	.5 N	200 N	10 N	70	500
CH243	67 55 35	148 24 3	5.0	2.0	10.00	.20	500	.5 N	200 N	10 N	70	300
CH244	67 58 15	148 12 14	15.0	2.0	0.20	.50	500	.5 N	200 N	10 N	100	700
CH245	67 53 35	148 23 43	7.0	2.0	10.00	.30	500	.5 N	200 N	10 N	100	500
CH246	67 56 34	148 11 26	5.0	1.5	1.00	.30	300	.5 N	200 N	10 N	100	700
CH247	67 54 23	148 18 11	3.0	1.5	20.00	.20	300	.5 N	200 N	10 N	30	300
CH248	67 56 29	148 1 18	10.0	1.0	0.20	.30	300	.5 N	200 N	10 N	100	700
CH249	67 57 52	148 17 8	5.0	1.0	15.00	.30	300	.5 N	200 N	10 N	100	700
CH250	67 54 14	148 4 30	10.0	1.0	0.20	.30	200	.5 N	200 N	10 N	100	700
CH251	67 57 50	148 11 35	10.0	1.0	0.10	.30	500	.5 N	200 N	10 N	100	700
CH252	67 51 37	148 20 9	7.0	2.0	1.50	.30	700	.5 N	200 N	10 N	50	500
CH253	67 51 20	148 9 38	3.0	1.0	5.00	.30	500	.5 N	200 N	10 N	30	200
CH254	67 50 31	148 26 25	7.0	2.0	2.00	.30	500	.5 N	200 N	10 N	50	500
CH255	67 50 39	148 21 29	10.0	1.0	5.00	.30	1500	.5 N	200 N	10 N	100	200
CH256	67 47 12	148 19 6	10.0	2.0	7.00	.30	1000	.5 N	200 N	10 N	150	300
CH257	67 48 28	148 25 41	10.0	1.0	3.00	.50	1000	.5 N	200 N	10 N	150	200
CH258	67 48 2	148 8 57	10.0	2.0	2.00	.30	1000	.5 N	200 N	10 N	100	300
CH259	67 46 19	148 12 44	10.0	1.0	1.50	.50	700	.5 N	200 N	10 N	150	300
CH260	67 48 3	148 9 59	5.0	2.0	5.00	.30	700	.5 N	200 N	10 N	30	500
CH261	67 46 36	148 13 14	5.0	2.0	5.00	.30	1000	.5 N	200 N	10 N	30	500
CH262	67 48 43	148 6 51	5.0	2.0	10.00	.30	1500	.5 N	200 N	10 N	100	200
CH263	67 47 49	148 11 17	3.0	1.5	1.50	.30	1000	.5 N	200 N	10 N	50	200
CH264	67 44 39	148 7 0	10.0	2.0	1.00	.50	1000	.5 N	200 N	10 N	150	300
CH265	67 47 3	148 2 27	10.0	2.0	5.00	.50	2000	.5 N	200 N	10 N	150	200
CH266	67 45 54	148 10 9	10.0	3.0	2.00	.50	1000	.5 N	200 N	10 N	100	700
CH267	67 46 50	148 2 2	10.0	2.0	1.00	.30	700	.5 N	200 N	10 N	150	300
CH268	67 42 12	148 7 52	10.0	2.0	1.00	.70	700	.5 N	200 N	10 N	150	300
CH269	67 42 14	148 5 26	5.0	1.5	2.00	.50	1000	.5 N	200 N	10 N	150	200
CH270	67 41 34	148 12 46	5.0	1.5	2.00	.30	500	.5 N	200 N	10 N	70	300
CH271	67 42 7	148 5 0	7.0	2.0	1.50	.50	1000	.5 N	200 N	10 N	150	300
CH272	67 38 36	148 51 38	10.0	2.0	2.00	.70	700	.5 N	200 N	10 N	150	700
CH273	67 42 2	148 11 30	7.0	1.5	1.00	.70	700	.5 N	200 N	10 N	150	300
CH274	67 38 8	148 55 0	15.0	2.0	2.00	.70	500	.5 N	200 N	10 N	150	700
CH275	67 36 53	148 57 56	10.0	3.0	5.00	.70	500	.5 N	200 N	10 N	150	700
CH276	67 35 54	148 59 39	15.0	2.0	1.50	.70	700	.5 N	200 N	10 N	150	700
CH277	67 39 47	148 56 12	7.0	2.0	1.50	.30	700	.5 N	200 N	10 N	150	500
CH278	67 41 17	148 56 52	7.0	1.5	2.00	.70	700	.5 N	200 N	10 N	50	300

STREAM SEDIMENT SAMPLES FROM THE CHANDLAR QUADRAngle, ALASKA--CONTINUED

SAMPLE	S-BE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-HU	S-JB	S-HI	S-PB	S-SB	S-SC	S=SN	S-SR	S-V
CH238	2.0	10 N	20 N	15	150	30	20	5 N	20 N	70	30	100 N	15	10 N	100 N	150
CH239	2.0	10 N	20 N	10	100	30	20	5 N	20 N	30	20	100 N	15	10 N	100	100
CH240	1.0 N	10 N	20 N	15	100	70	20	5 N	20 N	30	30	100 N	15	10 N	100	100
CH241	1.0	10 N	20 N	15	150	30	20	5 N	20 N	50	20	100 N	10	10 N	100 N	100
CH242	2.0	10 N	20 N	15	150	30	150	5 N	20 N	30	30	100 N	15	10 N	100	100
CH243	1.0 N	10 N	20 N	15	70	20	20	5 N	20 N	30	10	100 N	10	10 N	100	70
CH244	3.0	10 N	20 N	20	200	30	20	5 N	20 N	50	30	100 N	15	10 N	100	150
CH245	1.0	10 N	20 N	20	100	70	20	5 N	20 N	50	30	100 N	15	10 N	100	100
CH246	3.0	10 N	20 N	20	150	30	20	5 N	20 N	50	30	100 N	15	10 N	100	100
CH247	1.0 N	10 N	20 N	15	100	20	20	5 N	20 N	30	10	100 N	10	10 N	100	150
CH248	3.0	10 N	20 N	20	150	30	20	5 N	20 N	50	30	100 N	15	10 N	100 N	150
CH249	2.0	10 N	20 N	15	150	30	20	5 N	20 N	50	30	100 N	15	10 N	100 N	100
CH250	2.0	10 N	20 N	15	150	30	20	5 N	20 N	70	10	100 N	15	10 N	100 N	100
CH251	2.0	10 N	20 N	20	150	30	20	5 N	20 N	70	30	100 N	15	10 N	100 N	100
CH252	1.0	10 N	20 N	20	100	30	20	5 N	20 N	50	30	100 N	10	10 N	100 N	70
CH253	1.0 N	10 N	20 N	10	70	15	20	5 N	20 N	30	15	100 N	10	10 N	100	70
CH254	2.0	10 N	20 N	20	100	30	20	5 N	20 N	70	30	100 N	15	10 N	200	100
CH255	1.0	10 N	20 N	20	70	30	20	5 N	20 N	50	30	100 N	15	10 N	300	70
CH256	2.0	10 N	20 N	20	150	30	20	5 N	20 N	50	30	100 N	15	10 N	200	100
CH257	1.0	10 N	20 N	20	70	30	20	5 N	20 N	50	30	100 N	15	10 N	200	70
CH258	2.0	10 N	20 N	20	100	30	20	5 N	20 N	30	20	100 N	15	10 N	200	70
CH259	2.0	10 N	20 N	15	70	30	20	5 N	20 N	30	15	100 N	15	10 N	100 N	70
CH260	2.0	10 N	20 N	15	70	30	20	5 N	20 N	30	30	100 N	15	10 N	300	100
CH261	1.0	10 N	20 N	15	70	30	20	5 N	20 N	30	30	100 N	15	10 N	300	100
CH262	1.0	10 N	20 N	15	70	30	20	5 N	20 N	30	30	100 N	15	10 N	700	100
CH263	1.0 N	10 N	20 N	10	70	30	20	5 N	20 N	30	30	100 N	15	10 N	200	100
CH264	3.0	10 N	20 N	20	150	30	30	5 N	20 N	70	30	100 N	20	10 N	100 N	150
CH265	2.0	10 N	20 N	20	100	30	20	5 N	20 N	70	30	100 N	20	10 N	300	100
CH266	3.0	10 N	20 N	20	150	30	20	5 N	20 N	70	30	100 N	20	10 N	300	150
CH267	2.0	10 N	20 N	20	150	50	20	5 N	20 N	70	30	100 N	15	10 N	100	150
CH268	3.0	10 N	20 N	20	100	30	30	5 N	20 N	70	30	100 N	20	10 N	200	200
CH269	2.0	10 N	20 N	20	70	30	20	5 N	20 N	50	20	100 N	15	10 N	200	100
CH270	2.0	10 N	20 N	15	100	30	20	5 N	20 N	30	20	100 N	15	10 N	200	100
CH271	2.0	10 N	20 N	15	70	30	50	5 N	20 N	50	30	100 N	15	10 N	100 N	150
CH272	3.0	10 N	20 N	30	100	50	30	5 N	50	100	30	100 N	20	10 N	100	150
CH273	2.0	10 N	20 N	20	70	30	20	5 N	20 N	30	20	100 N	15	10 N	200	200
CH274	3.0	10 N	20 N	30	150	70	150	5 N	50	70	30	100 N	30	10 N	100	100
CH275	2.0	10 N	20 N	30	150	50	50	5 N	50	100	30	100 N	20	10 N	200	200
CH276	2.0	10 N	20 N	20	100	50	20	5 N	20 N	70	30	100 N	30	10 N	200	200
CH277	3.0	10 N	20 N	20	70	30	20	5 N	20 N	50	30	100 N	15	10 N	100	150
CH278	2.0	10 N	20 N	20	70	30	30	5	20 N	50	30	100 N	20	10 N	300	150

STREAM SEDIMENT SAMPLES FROM THE CHARLIER QUADRANGLE, ALASKA--CONTINUED

SAMPLE	S-W	S-Y	S-ZN	S-ZR	AA-AU-P	AA-CU-R	AA-PS-P	AA-ZN-P	AA-AG-P	AP-SB-P	AA-AU-T	CH-AS	CM-SR	AAA-AU
CH238	50 N	20	200 N	100	.00 F	0.00 F	0 F	120	.00 B	1	0 H	10 L	0 B	0 B
CH239	50 N	15	200 N	70	.00 F	0.00 B	0 R	130	.00 B	1	0 H	10 N	0 B	0 B
CH240	50 N	15	200 N	150	.00 F	0.00 B	0 R	95	.00 B	0 B	0 H	10 L	0 B	0 B
CH241	50 N	20	200 N	150	.00 F	0.00 H	0 M	120	.00 B	1	0 H	10 L	0 B	0 B
CH242	50 N	30	200 N	150	.00 F	0.00 R	0 R	110	.00 B	2	0 H	10	0 B	0 B
CH243	50 N	20	200 N	70	.00 F	0.00 H	0 R	75	.00 H	0 R	0 H	10 L	0 B	0 B
CH244	50 N	30	200	150	.00 F	0.00 R	0 R	130	.00 B	2	0 B	10 L	0 H	0 B
CH245	50 N	30	200 N	150	.00 F	0.00 B	0 R	85	.00 B	3	0 H	10 L	0 B	0 B
CH246	50 N	30	200	100	.00 F	0.00 H	0 R	150	.00 R	2	0 M	10 L	0 H	0 B
CH247	50 N	10	200 N	70	.00 F	0.00 B	0 R	70	.00 B	3	0 B	10 L	0 B	0 B
CH248	50 N	20	200	150	.00 F	0.00 B	0 R	150	.00 B	1	0 B	10 L	0 R	0 R
CH249	50 N	30	200 N	100	.00 F	0.00 B	0 F	85	.00 B	2	0 H	10 L	0 R	0 B
CH250	50 N	15	200	150	.00 F	0.00 H	0 F	140	.00 B	1	0 H	10 N	0 B	0 B
CH251	50 N	30	200 L	150	.00 F	0.00 R	0 H	140	.00 B	2	0 B	10 L	0 B	0 B
CH252	50 N	20	200 N	150	.00 F	0.00 R	0 R	70	.00 B	2	0 R	10 L	0 B	0 B
CH253	50 N	15	200 N	150	.00 F	0.00 B	0 B	55	.00 B	2	0 H	10 N	0 B	0 R
CH254	50 N	30	200 L	200	.00 F	0.00 B	0 H	110	.00 B	4	0 B	10	0 B	0 B
CH255	50 N	30	200 N	150	.00 F	0.00 B	0 R	65	.00 B	4	0 H	40	0 R	0 B
CH256	50 N	30	200 N	200	.00 F	0.00 B	0 R	60	.00 B	1	0 H	10 L	0 B	0 B
CH257	50 N	30	200 N	150	.00 F	0.00 B	0 R	65	.00 B	4	0 B	40	0 B	0 B
CH258	50 N	30	200 N	100	.00 F	0.00 B	0 R	60	.00 B	3	0 B	10 L	0 B	0 B
CH259	50 N	30	200 N	200	.00 F	0.00 B	0 B	60	.00 B	1	0 H	10 L	0 B	0 B
CH260	50 N	20	200 N	70	.00 F	0.00 B	0 H	55	.00 B	1	0 H	10 L	0 R	0 B
CH261	50 N	20	200 N	150	.00 F	0.00 B	0 H	45	.00 B	2	0 B	10	0 R	0 B
CH262	50 N	30	200 N	150	.00 F	0.00 B	0 H	55	.00 B	3	0 B	20	0 B	0 B
CH263	50 N	30	200 N	1000	.00 F	0.00 B	0 R	55	.00 B	2	0 H	10 N	0 B	0 B
CH264	50 N	30	200 N	200	.00 F	0.00 B	0 R	70	.00 B	2	0 H	10 L	0 B	0 B
CH265	50 N	70	200 N	150	.00 F	0.00 B	0 H	70	.00 B	3	0 H	10 L	0 B	0 B
CH266	50 N	30	200 N	150	.00 F	0.00 B	0 B	55	.00 B	2	0 B	10 N	0 B	0 B
CH267	50 N	30	200 N	150	.00 F	0.00 B	0 H	70	.00 B	2	0 H	10	0 B	0 B
CH268	50 N	30	200 N	200	.00 F	0.00 H	0 B	70	.00 B	2	0 B	10 L	0 B	0 B
CH269	50 N	20	200 N	150	.00 F	0.00 H	0 B	75	.00 B	2	0 H	10 L	0 H	0 B
CH270	50 N	20	200 N	150	.00 F	0.00 B	0 R	85	.00 B	2	0 H	10 L	0 B	0 B
CH271	50 N	30	200 N	200	.00 F	0.00 H	0 R	65	.00 B	4	0 H	10 N	0 B	0 B
CH272	50 N	30	200	150	.00 F	0.00 H	0 R	110	.00 B	5	0 H	20	0 B	0 B
CH273	50 N	30	200 N	150	.00 F	0.00 H	0 H	60	.00 B	4	0 B	10 L	0 B	0 B
CH274	50 N	100	200	150	.00 F	0.00 H	0 H	130	.00 B	4	0 H	10 L	0 R	0 B
CH275	50 N	50	200 L	150	.00 F	0.00 H	0 H	150	.00 B	0 H	0 H	10 L	0 R	0 B
CH276	50 N	70	200 L	150	.00 F	0.00 H	0 H	75	.00 B	2	0 H	10 H	0 B	0 B
CH277	50 N	20	200 N	100	.00 F	0.00 H	0 H	75	.00 B	1	0 H	10	0 B	0 B
CH278	50 N	30	200 F	500	.00 F	0.00 H	0 H	75	.00 B	3	0 H	10	0 B	0 B

SAMPLE	LATITUDE	LONGITUD	S-PFR%	S-AG%	S-CA%	S-FIL%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA
CH279	67 41 30	148 57 23	5.0	1.5	3.00	.50	700	.5 N	200 N	10 N	100	500
CH280	67 43 59	148 56 29	10.0	3.0	7.00	.50	700	.5 N	200 N	10 N	150	700
CH281	67 44 21	148 52 9	10.0	3.0	5.00	.50	700	.5 N	200 N	10 N	150	700
CH282	67 44 43	148 48 42	5.0	2.0	1.00	.30	700	.5 N	200 N	10 N	30	500
CH283	67 42 59	148 33 25	5.0	1.5	2.00	.30	700	.5 N	200 N	10 N	70	200
CH284	67 41 41	148 30 33	2.0	1.0	1.50	.10	500	.5 N	200 N	10 N	10 L	150
CH285	67 44 29	148 15 23	10.0	2.0	3.00	.70	700	1.0	200 N	10 N	100	500
CH286	67 43 50	148 15 36	15.0	3.0	3.00	.70	700	.5 N	200 N	10 N	150	500
CH287	67 41 11	148 18 34	15.0	1.0	0.50	.70	500	.5 N	200 N	10 N	70	300
CH288	67 41 48	148 22 23	10.0	2.0	2.00	.70	700	.5 N	200 N	10 N	70	300
CH289	67 40 24	148 20 2	10.0	1.0	1.00	.70	700	.5 N	200 N	10 N	50	300
CH290	67 40 23	148 23 25	15.0	3.0	3.00	.70	700	.5 N	200 N	10 N	15	700
CH291	67 38 3	148 14 39	5.0	1.0	5.00	.50	500	.5 N	200 N	10 N	70	700
CH292	67 38 30	148 17 48	10.0	2.0	1.00	.70	500	.5 N	200 N	10 N	70	500
CH293	67 39 10	148 10 58	5.0	1.0	0.20	.30	1500	.5 N	200 N	10 N	70	200
CH294	67 37 59	148 7 14	5.0	1.5	2.00	.20	5000	.5 N	200 N	10 N	100	300
CH295	67 59 16	147 50 31	10.0	2.0	1.00	.70	500	.5 N	200 N	10 N	200	500
CH296	67 58 45	148 4 28	10.0	2.0	0.20	.70	300	.5 N	200 N	10 N	200	500
CH297	67 54 47	147 55 41	10.0	2.0	0.50	.50	300	.5 N	200 N	10 N	200	500
CH298	67 58 24	148 4 8	5.0	2.0	0.50	.50	300	.5 N	200 N	10 N	150	500
CH299	67 51 41	147 55 54	3.0	1.0	1.00	.20	1500	.5 N	200 N	10 N	150	300
CH300	67 57 27	147 50 39	10.0	2.0	0.50	.50	300	.5 N	200 N	10 N	200	500
CH301	67 45 52	147 57 42	10.0	2.0	2.00	.50	1000	.5 N	200 N	10 N	200	300
CH302	67 53 17	147 52 14	10.0	2.0	0.50	.50	300	.5 N	200 N	10 N	150	500
CH303	67 43 15	147 46 39	10.0	2.0	2.00	.50	300	.5 N	200 N	10 N	150	300
CH304	67 51 7	147 47 51	10.0	2.0	1.00	.50	300	.5 N	200 N	10 N	150	500
CH305	67 49 22	147 35 30	10.0	2.0	0.50	.70	300	.5 N	200 N	10 N	150	500
CH306	67 45 50	147 50 33	10.0	5.0	2.00	.50	500	.5 N	200 N	10 N	150	300
CH307	67 52 32	147 37 28	5.0	1.0	0.70	.30	300	.5 N	200 N	10 N	150	300
CH308	67 42 15	147 45 53	10.0	2.0	3.00	.50	500	.5 N	200 N	10 N	150	300
CH309	67 55 50	147 36 33	10.0	1.0	0.50	.50	500	.5 N	200 N	10 N	150	500
CH310	67 45 50	147 33 42	7.0	2.0	0.50	.50	500	.5 N	200 N	10 N	150	500
CH311	67 57 20	147 40 31	15.0	2.0	2.00	.70	500	.5 N	200 N	10 N	200	500
CH312	67 45 59	147 34 15	10.0	2.0	0.50	.70	300	.5 N	200 N	10 N	200	500
CH313	67 40 54	147 51 2	10.0	2.0	2.00	.50	500	.5 N	200 N	10 N	200	300
CH314	67 47 57	147 39 24	10.0	2.0	5.00	.70	500	.5 N	200 N	10 N	150	300
CH315	67 40 1	147 54 50	10.0	2.0	0.50	.50	700	.5 N	200 N	10 N	200	200
CH316	67 51 47	147 42 54	7.0	2.0	1.00	.50	500	.5 N	200 N	10 N	150	1000
CH317	67 41 44	147 58 5	10.0	2.0	2.00	.50	700	.5 N	200 N	10 N	200	200
CH318	67 55 53	147 42 37	7.0	1.0	0.50	.70	500	.5 N	200 N	10 N	150	300
CH319	67 44 44	147 58 58	10.0	2.0	2.00	.70	500	.5 N	200 N	10 N	200	150

STREAM SEDIMENT SAMPLES FROM THE CHARLEY QUADRANGLE, ALASKA--CONTINUED

SAMPLE	S-BE	S-BI	S-CD	S-CD	S-CP	S-CU	S-LA	S-SD	S-TH	S-VI	S-PH	S-SK	S-SC	S-SN	S-SR	S-V
CH279	2.0	10 N	20 N	20	70	30	20 N	5	20 N	50	20	100 N	15	10 N	300	100
CH280	3.0	10 N	20 N	30	150	30	20 N	5	20 N	70	30	100 N	20	10 N	300	200
CH281	2.0	10 N	20 N	20	150	30	20 N	5	20 N	70	30	100 N	15	10 N	300	200
CH282	2.0	10 N	20 N	20	70	30	20	5	50	30	30	100 N	10	10 N	300	150
CH283	2.0	10 N	20 N	20	100	30	20	5	50	30	30	100 N	20	10 N	200	150
CH284	2.0	10 N	20 N	5	50	20	20 N	5 N	20 N	15	20	100 N	S L	10 N	100 N	30
CH285	1.0	10 N	20 N	15	70	30	20 N	5 N	20 N	30	70	100 N	15	10 N	100 N	100
CH286	1.0	10 N	20 N	20	100	30	20 N	5 N	20 N	50	30	100 N	15	10 N	100	150
CH287	1.0	10 N	20 N	20	70	30	20 N	5 N	20 N	70	30	100 N	15	10 N	100 N	100
CH288	1.0	10 N	20 N	15	70	30	20	5 N	20 N	30	30	100 N	15	10 N	100	100
CH289	1.0	10 N	20 N	15	70	30	20 N	5 N	20 N	50	20	100 N	10	10 N	100 N	100
CH290	1.0 N	10 N	20 N	15	100	30	20	5 N	20 N	30	20	100 N	20	10 N	100	150
CH291	1.0	10 N	20 N	15	70	30	20 N	5 N	20 N	50	20	100 N	10	10 N	100 N	100
CH292	2.0	10 N	20 N	15	100	30	20 N	5 N	20 N	70	20	100 N	15	10 N	100 N	100
CH293	1.0	10 N	20 N	15	50	20	20 N	5 N	20 N	30	20	100 N	10	10 N	100 N	70
CH294	1.0	10 N	20 N	15	70	30	20 N	5 N	20 N	50	30	100 N	10	10 N	100 N	70
CH295	1.0	10 N	20 N	15	150	30	70	5 N	20	50	30	100 N	15	10 N	100	100
CH296	1.0	10 N	20 N	20	150	50	50	5 N	20	50	30	100 N	20	10 N	100	100
CH297	1.0	10 N	20 N	20	100	30	50	5 N	20	50	30	100 N	15	10 N	100	100
CH298	1.0	10 N	20 N	15	100	30	70	5 N	20	30	30	100 N	15	10 N	100	100
CH299	1.0	10 N	20 N	15	30	30	20	5 N	20 N	30	30	150	7	10 N	100	70
CH300	1.0	10 N	20 N	20	150	50	50	5 N	20	50	30	100 N	20	10 N	100	100
CH301	1.0	10 N	20 N	15	100	30	30	5 N	20	30	30	100 N	15	10 N	200	70
CH302	1.0	10 N	20 N	20	100	50	50	5 N	20	50	30	100 N	15	10 N	100	100
CH303	1.0	10 N	20 N	20	100	30	30	5 N	20	50	30	100 N	15	10 N	100	70
CH304	1.0	10 N	20 N	15	70	50	30	5 N	20	50	20	100 N	15	10 N	100	100
CH305	1.0	10 N	20 N	15	150	50	50	5 N	20	50	30	100 N	15	10 N	100	100
CH306	1.0	10 N	20 N	20	200	30	50	5 N	20	70	30	100 N	15	10 N	100	100
CH307	1.0	10 N	20 N	15	70	20	30	5 N	20	30	20	100 N	10	10 N	100	70
CH308	1.0	10 N	20 N	15	100	30	30	5 N	20	30	30	100 N	15	10 N	100	70
CH309	1.0	10 N	20 N	15	150	30	50	5 N	20	30	30	100 N	15	10 N	100	100
CH310	1.0	10 N	20 N	20	70	30	50	5 N	20 N	50	30	100 N	10	10 N	100	70
CH311	1.0	10 N	20 N	20	100	30	70	5 N	20	50	20	100 N	15	10 N	100	100
CH312	1.0	10 N	20 N	15	70	30	50	5 N	20	50	30	100 N	15	10 N	100	100
CH313	1.0	10 N	20 N	15	100	30	30	5 N	20	30	30	100 N	15	10 N	200	70
CH314	1.0	10 N	20 N	15	50	30	30	5 N	20 N	30	30	100 N	10	10 N	100	100
CH315	1.0	10 N	20 N	15	70	30	30	5 N	20 N	30	15	100 N	7	10 N	100	70
CH316	1.0	10 N	20 N	15	50	50	30	5 N	20 N	50	30	100 N	7	10 N	100	100
CH317	1.0	10 N	20 N	15	70	30	30	5 N	20 N	30	15	100 N	10	10 N	200	70
CH318	1.0	10 N	20 N	15	70	30	50	5 N	20	30	20	100 N	10	10 N	100	100
CH319	1.0	10 N	20 N	15	100	150	50	5 N	20	30	30	100 N	10	10 N	100	70

SAMPLE	S-W	S-Y	S-ZH	S-ZR	AA-AU-P	AA-CU-P	AA-PG-P	AA-ZN-P	AA-AG-P	AA-SB-P	AA-AU-T	CH-AS	CH-SB	AAA-AU
CH279	50 N	20	200 N	70	.00 A	0.00 H	0 H	60	.00 B	2	0 H	10 N	0 R	0 B
CH280	50 N	30	200 N	150	.00 H	0.00 H	0 H	95	.00 B	3	0 H	10 N	0 B	0 B
CH281	50 N	30	200 N	100	.00 H	0.00 H	0 H	95	.00 B	3	0 B	10 L	0 B	0 B
CH282	50 N	20	200 N	150	.00 A	0.00 A	0 B	40	.00 B	2	0 B	10 N	0 R	0 B
CH283	50 N	30	200 N	150	.00 A	0.00 H	0 B	40	.00 B	2	0 H	10 L	0 B	0 B
CH284	50 N	10	200 N	70	.00 B	0.00 B	0 H	30	.00 B	2	0 B	10 N	0 B	0 B
CH285	50 N	15	200 N	100	.00 H	0.00 B	0 B	85	.00 H	2	0 H	10 L	0 R	0 B
CH286	50 N	15	200 L	150	.00 H	0.00 H	0 B	95	.00 B	0 B	0 H	0 B	0 B	0 B
CH287	50 N	20	300	150	.00 B	0.00 H	0 B	280	.00 B	5	0 B	10 L	0 R	0 B
CH288	50 N	30	200 N	100	.00 H	0.00 A	0 H	0 B	.00 B	2	0 H	10 N	0 B	0 B
CH289	50 N	10	200 N	70	.00 B	0.00 H	0 H	100	.00 B	0 B	0 B	10 L	0 R	0 B
CH290	50 N	20	200 H	100	.00 A	0.00 H	0 B	90	.00 H	3	0 R	10	0 B	0 B
CH291	50 N	20	200 L	100	.00 A	0.00 A	0 H	110	.00 H	4	0 B	10 L	0 B	0 B
CH292	50 N	20	200 L	100	.00 A	0.00 B	0 B	110	.00 B	4	0 B	10 N	0 R	0 B
CH293	50 N	15	200 N	100	.00 B	0.00 B	0 B	90	.00 B	2	0 B	10 L	0 B	0 H
CH294	50 N	10	200 N	70	.00 B	0.00 B	0 B	0 B	.00 B	0 B	0 B	0 B	0 B	0 B
CH295	50 N	20	200 N	100	.00 B	0.00 H	0 B	130	.00 B	2	0 A	10 N	0 B	0 B
CH296	50 N	30	200	200	.00 A	0.00 H	0 B	150	.00 B	3	0 B	10 N	0 B	0 B
CH297	50 N	20	200	100	.00 A	0.00 A	0 B	140	.00 B	3	0 B	10 N	0 R	0 B
CH298	50 N	20	200 N	100	.00 A	0.00 B	0 B	140	.00 B	3	0 B	10 N	0 B	0 R
CH299	50 N	20	200 N	70	.00 B	0.00 H	0 H	150	.00 B	10	0 H	10	0 B	0 B
CH300	50 N	20	200 L	100	.00 H	0.00 B	0 B	150	.00 B	3	0 H	10 N	0 B	0 B
CH301	50 N	20	200 N	100	.00 B	0.00 H	0 H	75	.00 H	2	0 H	10 H	0 B	0 B
CH302	50 N	20	200	100	.00 B	0.00 A	0 B	150	.00 B	2	0 B	10 N	0 R	0 B
CH303	50 N	20	200 N	100	.00 A	0.00 B	0 B	85	.00 B	2	0 B	10 L	0 R	0 B
CH304	50 N	20	200 N	100	.00 H	0.00 B	0 B	110	.00 B	4	0 B	10 L	0 R	0 B
CH305	50 N	20	200 L	100	.00 H	0.00 H	0 B	120	.00 B	3	0 B	10 N	0 B	0 B
CH306	50 N	20	200	100	.00 A	0.00 B	0 B	85	.00 B	2	0 B	10 M	0 B	0 B
CH307	50 N	15	200 N	70	.00 A	0.00 H	0 B	110	.00 B	2	0 H	10 N	0 B	0 B
CH308	50 N	20	200 N	100	.00 A	0.00 B	0 B	80	.00 B	2	0 A	10 L	0 B	0 B
CH309	50 N	20	200 L	100	.00 H	0.00 H	0 P	140	.00 B	3	0 B	10 N	0 R	0 B
CH310	50 N	15	200	100	.00 A	0.00 B	0 H	120	.00 B	5	0 H	10 L	0 B	0 B
CH311	50 N	20	200	200	.00 A	0.00 H	0 H	75	.00 B	2	0 H	10 N	0 A	0 B
CH312	50 N	20	200	100	.00 H	0.00 B	0 B	170	.00 B	3	0 H	10 N	0 B	0 B
CH313	50 N	20	200 L	100	.00 H	0.00 B	0 A	90	.00 B	2	0 H	10 N	0 R	0 B
CH314	50 N	15	200 N	100	.00 H	0.00 H	0 R	100	.00 B	4	0 B	10	0 H	0 B
CH315	50 N	20	200 N	100	.00 H	0.00 A	0 A	45	.00 H	2	0 B	10 N	0 B	0 B
CH316	50 N	15	200 L	100	.00 B	0.00 H	0 B	190	.00 H	10	0 H	10	0 R	0 B
CH317	50 N	15	200 N	100	.00 A	0.00 H	0 R	80	.00 B	1	0 H	10 L	0 R	0 B
CH318	50 N	20	200 N	100	.00 H	0.00 A	0 H	130	.00 B	2	0 H	10 L	0 R	0 B
CH319	50 N	20	200 N	100	.00 H	0.00 H	0 H	65	.00 B	1	0 H	10 N	0 R	0 B

STREAM SEDIMENT SAMPLES FROM THE CHAROLAR QUADRANGLE, ALASKA--CONTINUED

SAMPLE	LATITUDE	LONGITUDE	S-PER	S-MG%	S-CA%	S-TI%	S-MH	S-AG	S-PS	S-AU	S-B	S-BA
CH320	67 59 30	147 43 9	10.0	2.0	0.50	.50	300	.5 N	200 N	10 N	150	300
CH321	67 37 45	147 45 45	7.0	1.5	2.00	.50	300	.5 N	200 N	10 N	150	300
CH322	67 42 17	147 52 45	10.0	1.5	1.50	.50	700	.5 N	200 N	10 N	150	300
CH323	67 35 16	147 43 5	10.0	1.5	1.00	.50	700	.5 N	200 N	10 N	150	300
CH324	67 40 18	147 56 3	10.0	2.0	1.00	.50	1000	.5 N	200 N	10 N	150	300
CH325	67 59 5	147 25 15	10.0	1.5	0.20	.70	500	.5 N	200 N	10 N	150	500
CH326	67 38 35	147 50 49	10.0	1.5	5.00	.50	700	.5 N	200 N	10 N	150	300
CH327	67 55 33	147 21 48	5.0	1.5	2.00 G	.20	300	.5 N	200 N	10 N	100	200
CH328	67 40 26	147 42 11	5.0	2.0	2.00	.50	200	.5 N	200 N	10 N	150	200
CH329	67 54 59	147 22 1	10.0	1.5	0.20	.70	300	.5 N	200 N	10 N	200	700
CH330	67 36 25	147 43 4	5.0	2.0	1.50	.50	500	.5 N	200 N	10 N	150	500
CH331	67 57 16	147 26 53	5.0	1.5	20.00	.50	300	.5 N	200 N	10 N	150	300
CH332	67 56 18	147 18 50	5.0	1.5	20.00	.30	300	.5 N	200 N	10 N	150	300
CH333	67 55 2	147 20 17	7.0	1.0	1.00	.50	300	.5 N	200 N	10 N	150	300
CH334	67 53 38	147 20 30	10.0	1.5	1.00	.70	300	.5 N	200 N	10 N	150	700
CH335	67 53 30	147 28 35	5.0	1.5	0.50	.70	300	.5 N	200 N	10 N	150	500
CH336	67 50 11	147 21 2	10.0	2.0	1.00	.70	500	.5 N	200 N	10 N	200	700
CH337	67 53 59	147 22 35	10.0	2.0	1.00	.70	700	.5 N	200 N	10 N	200	700
CH338	67 49 54	147 29 2	5.0	1.0	0.05	.50	200	.5 N	200 N	10 N	150	300
CH339	67 51 50	147 21 19	7.0	1.5	0.20	.50	200	.5 N	200 N	10 N	150	300
CH340	67 49 14	147 20 17	10.0	2.0	0.50	.70	500	.5 N	200 N	10 N	150	500
CH341	67 50 36	147 18 33	10.0	1.5	0.50	.70	300	.5 N	200 N	10 N	200	700
CH342	67 47 13	147 24 39	10.0	2.0	0.50	.70	300	.5 N	200 N	10 N	200	500
CH343	67 48 59	147 17 2	10.0	1.5	0.50	.70	300	.5 N	200 N	10 N	200	700
CH344	67 49 58	147 19 40	10.0	1.5	0.70	.70	300	.5 N	200 N	10 N	200	500
CH345	67 47 30	147 15 43	7.0	1.0	0.20	.50	200	.5 N	200 N	10 N	200	500
CH346	67 48 53	147 11 57	10.0	1.5	0.50	.70	500	.5 N	200 N	10 N	200	500
CH347	67 47 17	147 22 45	10.0	2.0	0.50	.70	300	.5 N	200 N	10 N	200	700
CH348	67 47 48	147 8 36	10.0	2.0	1.50	.70	500	.5 N	200 N	10 N	200	500
CH349	67 46 24	147 10 48	10.0	1.5	1.00	.70	500	.5 N	200 N	10 N	200	300
CH350	67 50 13	147 10 26	7.0	1.5	0.50	.50	300	.5 N	200 N	10 N	150	500
CH351	67 47 21	147 10 41	7.0	2.0	1.00	.70	300	.5 N	200 N	10 N	200	300
CH352	67 52 42	147 12 2	10.0	1.5	0.50	.70	300	.5 N	200 N	10 N	200	700
CH353	67 49 29	147 8 53	10.0	1.5	0.50	.70	300	.5 N	200 N	10 N	200	500
CH354	67 52 54	147 12 10	10.0	2.0	1.00	.70	500	.5 N	200 N	10 N	200	300
CH355	67 51 14	147 6 32	10.0	1.5	0.50	.70	300	.5 N	200 N	10 N	200	700
CH356	67 54 23	147 12 17	10.0	1.5	0.20	.70	300	.5 N	200 N	10 N	200	500
CH357	67 52 59	147 8 26	10.0	1.5	0.20	.70	700	.5 N	200 N	10 N	200	500
CH358	67 55 44	147 5 13	10.0	2.0	0.70	.70	500	.5 N	200 N	10 N	150	300
CH359	67 53 57	147 1 59	10.0	1.5	1.50	.70	300	.5 N	200 N	10 N	200	500
CH360	67 56 22	147 9 47	0.0	0.0	1.00	.00	0	.0	0	0	0	0

STREAM SEDIMENT SA PLAS FROM THE CINDALAK QUADRANGLE, ALASKA--CONTINUED

SAMPLE	S-BE	S-RI	S-CD	S-CO	S-CR	S-CII	S-LA	S-MD	S-MB	S-MI	S-PB	S-SB	S-SC	S-SN	S-SH	S-V
CH320	1.0	10 N	20 N	15	100	50	30	5 H	20	30	30	100 N	10	10 N	100	100
CH321	1.0	10 N	20 N	15	50	20	30	5 N	20	30	20	100 N	7	10 N	100	70
CH322	1.0	10 N	20 N	15	100	50	30	5 N	20	30	20	100 N	10	10 N	100	70
CH323	1.0	10 N	20 N	30	70	30	30	5 N	20	30	30	100 N	10	10 N	100	70
CH324	1.0	10 N	20 N	15	70	20	20	5 N	20 N	30	20	100 N	10	10 N	100	70
CH325	1.0	10 N	20 N	20	150	50	50	5 N	20	50	30	100 N	15	10 N	100	100
CH326	1.0	10 N	20 N	15	70	50	30	5 N	20	30	30	100 N	10	10 N	100	100
CH327	1.0 L	10 N	20 N	15	50	30	30	5 N	20 N	30	30	100 N	7	10 N	100	70
CH328	1.0 L	10 N	20 N	15	70	20	50	5 N	20	30	20	100 N	10	10 N	100	70
CH329	1.0	10 N	20 N	15	150	50	50	5 N	20	50	30	100 N	15	10 N	100	100
CH330	1.0	10 N	20 N	20	70	30	20	5 N	20	30	20	100 N	10	10 N	100	100
CH331	1.0	10 N	20 N	15	100	50	50	5 N	20	30	30	100 N	10	10 N	100	100
CH332	1.0	10 N	20 N	15	70	30	70	5 N	20	30	20	100 N	10	10 N	100	70
CH333	1.0	10 N	20 N	15	100	50	50	5 N	20	30	30	100 N	15	10 N	100	70
CH334	1.0	10 N	20 N	15	100	50	70	7	20	30	20	100 N	15	10 N	100	150
CH335	1.0	10 N	20 N	15	70	50	50	5 N	20	30	20	100 N	10	10 N	100	70
CH336	1.0	10 N	20 N	15	150	50	70	5 N	30	30	30	100	20	10 N	200	200
CH337	1.0	10 N	20 N	15	150	50	50	5 N	20	50	30	100 L	15	10 N	200	200
CH338	1.0	10 N	20 N	15	70	20	50	5 N	20	30	15	100 N	7	10 N	100	70
CH339	1.0	10 N	20 N	15	100	30	50	5 N	20	30	20	100 N	10	10 N	100	70
CH340	1.0	10 N	20 N	15	100	50	70	5 N	20	30	30	100 N	15	10 N	100	100
CH341	2.0	10 N	20 N	15	100	30	70	5 N	20	50	30	100 N	10	10 N	100	100
CH342	2.0	10 N	20 N	20	150	50	70	5 N	20	50	30	100 N	15	10 N	100	100
CH343	2.0	10 N	20 N	20	150	30	70	5 N	30	50	30	100 N	15	10 N	100	100
CH344	2.0	10 N	20 N	15	100	30	70	5 N	20	30	30	100 N	15	10 N	200	100
CH345	2.0	10 N	20 N	15	70	30	70	5 N	20	30	30	100 N	10	10 N	100	100
CH346	2.0	10 N	20 N	20	150	30	50	5 N	20	50	30	100 N	15	10 N	100	100
CH347	2.0	10 N	20 N	20	150	50	70	5 N	30	50	30	100 N	15	10 N	100	100
CH348	1.0	10 N	20 N	20	150	30	70	5 N	20	50	30	100 N	20	10 N	100	100
CH349	1.0	10 N	20 N	15	100	30	50	5 N	20	30	20	100 N	15	10 N	100	70
CH350	2.0	10 N	20 N	15	100	30	70	5 N	20	30	30	100 N	15	10 N	100	100
CH351	1.0	10 N	20 N	15	70	30	50	5 N	20 N	30	30	100 N	15	10 N	100	100
CH352	1.0	10 N	20 N	20	150	30	70	5 N	20	50	30	100 L	15	10 N	100	100
CH353	2.0	10 N	20 N	20	150	30	70	5 N	20	50	30	100 N	15	10 N	100	100
CH354	2.0	10 N	20 N	20	150	30	70	5 N	20	30	30	100 N	15	10 N	100	70
CH355	2.0	10 N	20 N	20	150	30	70	5 N	20	30	30	100 N	15	10 N	100	150
CH356	2.0	10 N	20 N	20	100	30	50	5 N	20	50	30	100 N	15	10 N	100	100
CH357	2.0	10 N	20 N	20	100	30	70	5 N	20	50	30	100 N	15	10 N	100	100
CH358	1.0	10 N	20 N	15	70	30	50	5 N	20	30	30	100 N	15	10 N	100	70
CH359	2.0	10 N	20 N	15	100	50	70	5 N	20	30	30	100 N	15	10 N	100	100
CH360	0.0 B	0 R	0 R	0 R	0 R	0 R	0 R	0 R	0 R	0 R	0 R	0 R	0 R	0 B	0 B	0 B

STREAM SEDIMENT SAMPLES FROM THE CHAGDLAR QUADRANGLE, ALASKA--CONTINUED

SAMPLE	S-W	S-Y	S-ZN	S-ZR	AA-AU-P	AA-CU-P	AA-PR-P	AA-ZN-P	AA-AG-P	AA-SB-P	AA-AU-T	CH-AS	CH-SR	AAA-AU
CH320	50 N	20	200 L	100	.00 H	0.00 B	0 P	140	.00 B	3	0 H	10 N	0 R	0 B
CH321	50 N	15	200 L	100	.00 H	0.00 F	0 R	100	.00 B	3	0 H	10 L	0 B	0 B
CH322	50 N	20	200 N	100	.00 H	0.00 F	0 R	95	.00 B	2	0 H	10 N	0 B	0 B
CH323	50 N	20	200 N	100	.00 H	0.00 B	0 H	150	.00 B	2	0 H	10 L	0 R	0 B
CH324	50 N	15	200 N	70	.00 H	0.00 B	0 B	85	.00 B	2	0 B	10 N	0 B	0 B
CH325	50 N	20	200 N	100	.00 H	0.00 H	0 H	150	.00 H	2	0 B	10 N	0 R	0 B
CH326	50 N	20	200 N	100	.00 H	0.00 H	0 R	95	.00 H	2	0 H	10 L	0 B	0 B
CH327	50 N	15	200 N	70	.00 F	0.00 H	0 H	85	.00 H	4	0 H	40	0 R	0 B
CH328	50 N	20	200 N	150	.00 H	0.00 H	0 H	90	.00 H	7	0 H	10 L	0 R	0 B
CH329	50 N	20	200 L	100	.00 H	0.00 H	0 B	170	.00 H	5	0 H	10 L	0 B	0 B
CH330	50 N	15	200 L	70	.00 H	0.00 B	0 R	160	.00 H	3	0 B	10 N	0 B	0 B
CH331	50 N	20	200 N	70	.00 H	0.00 F	0 B	120	.00 B	3	0 B	10 L	0 B	0 B
CH332	50 N	15	200 N	70	.00 B	0.00 B	0 B	110	.00 B	3	0 B	10 L	0 B	0 B
CH333	50 N	20	200 N	100	.00 H	0.00 B	0 R	140	.00 H	4	0 H	10 N	0 B	0 B
CH334	50 N	20	200	100	.00 H	0.00 B	0 B	150	.00 B	8	0 H	10 L	0 B	0 B
CH335	50 N	15	200 L	70	.00 H	0.00 H	0 H	170	.00 B	4	0 H	10 N	0 B	0 B
CH336	50 N	30	200	100	.00 H	0.00 H	0 R	150	.00 H	5	0 B	10 N	0 B	0 B
CH337	50 N	30	200	100	.00 H	0.00 B	0 R	160	.00 H	6	0 B	10 L	0 B	0 B
CH338	50 N	15	200 L	70	.00 B	0.00 R	0 R	140	.00 B	5	0 B	10 N	0 B	0 B
CH339	50 N	15	200 L	70	.00 F	0.00 B	0 B	160	.00 B	2	0 B	10 N	0 B	0 B
CH340	50 N	20	200 L	100	.00 H	0.00 R	0 H	150	.00 B	3	0 H	10 L	0 B	0 B
CH341	50 N	20	200	100	.00 H	0.00 H	0 B	160	.00 B	10	0 B	10 L	0 B	0 B
CH342	50 N	20	200	100	.00 H	0.00 R	0 H	200	.00 B	4	0 B	10 L	0 B	0 B
CH343	50 N	30	200	200	.00 H	0.00 A	0 R	160	.00 B	3	0 H	10 L	0 B	0 B
CH344	50 N	30	200 N	100	.00 H	0.00 A	0 B	160	.00 B	3	0 H	10 N	0 R	0 B
CH345	50 N	20	200 N	100	.00 H	0.00 B	0 R	150	.00 H	3	0 B	10 N	0 B	0 B
CH346	50 N	20	200 N	200	.00 H	0.00 B	0 B	150	.00 B	3	0 H	10 L	0 B	0 B
CH347	50 N	20	300	150	.00 H	0.00 R	0 H	250	.00 H	5	0 H	10 L	0 B	0 B
CH348	50 N	30	200	150	.00 H	0.00 B	0 B	150	.00 B	4	0 H	10 N	0 B	0 B
CH349	50 N	20	200 L	150	.00 B	0.00 A	0 R	110	.00 H	4	0 H	10 N	0 B	0 B
CH350	50 N	20	200 L	150	.00 H	0.00 H	0 A	140	.00 B	3	0 H	10 N	0 B	0 B
CH351	50 N	20	200 L	70	.00 H	0.00 B	0 H	110	.00 B	5	0 H	10 L	0 H	0 B
CH352	50 N	30	200	100	.00 A	0.00 B	0 H	130	.00 H	3	0 H	10 N	0 B	0 B
CH353	50 N	20	200	100	.00 H	0.00 B	0 A	140	.00 B	5	0 B	10 N	0 B	0 B
CH354	50 N	30	200 L	150	.00 B	0.00 B	0 H	95	.00 B	3	0 B	10 N	0 B	0 B
CH355	50 N	30	200	100	.00 H	0.00 H	0 B	150	.00 H	2	0 H	10 N	0 R	0 B
CH356	50 N	20	200	100	.00 H	0.00 A	0 R	140	.00 H	2	0 H	10	0 R	0 B
CH357	50 N	20	200	100	.00 H	0.00 H	0 R	160	.00 H	2	0 H	10 H	0 B	0 B
CH358	50 N	20	200 L	100	.00 A	0.00 A	0 H	90	.00 H	3	0 H	10 N	0 B	0 B
CH359	50 N	20	200	100	.00 H	0.00 H	0 H	100	.00 H	4	0 H	10 N	0 B	0 B
CH360	0 B	0 B	0 B	0 B	.00 H	0.00 H	0 H	110	.00 H	0 A	0 H	0 B	0 B	0 B

STREAM SEDIMENT SAMPLES FROM THE CHA DEAR QUADRANGLE, ALASKA--CONTINUED

SAMPLE	LATITUDE	LONGITUDE	S-FE%	S-VG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA
CH361	67 56 54	147 0 51	10.0	1.5	3.00	.70	500	.5 H	200 N	10 N	200	500
CH362	67 59 44	147 4 19	2.0	5.0	20.00	.05	300	.5 N	200 N	10 N	20	200
CH363	67 57 32	147 9 33	5.0	1.0	7.00	.50	200	.5 N	200 N	10 N	150	300
CH364	67 59 25	147 15 7	3.0	10.0	20.00 G	.10	300	.5 V	200 N	10 N	15	150
CH365	67 59 53	147 7 36	3.0	10.0	20.00 G	.10	300	.5 H	200 N	10 N	15	150
CH366	67 49 23	147 4 14	10.0	2.0	3.00	.50	300	.5 N	200 N	10 N	150	300
CH367	67 51 2	147 1 18	5.0	2.0	20.00	.20	500	.5 N	200 N	10 N	150	500
CH368	67 46 5	147 1 6	7.0	2.0	1.00	.30	200	.5 N	200 N	10 N	200	500
CH369	67 47 54	147 0 29	10.0	2.0	2.00	.50	300	.5 V	200 N	10 N	150	300
CH370	67 44 3	147 1 23	5.0	2.0	1.00	.20	1000	.5 N	200 N	10 N	150	700
CH371	67 45 16	147 2 11	10.0	2.0	0.20	.50	300	.5 H	200 N	10 N	150	500
CH372	67 44 54	147 13 33	0.0 B	0.0 B	0.00 B	.00 B	0 B	.0 B	0 B	0 B	0 B	0 B
CH373	67 43 40	147 16 46	10.0	2.0	1.00	.50	1000	.5 N	200 N	10 N	200	500
CH374	67 43 19	147 14 0	10.0	1.5	0.50	.50	300	.5 N	200 N	10 N	200	300
CH375	67 43 10	147 15 15	10.0	2.0	1.00	.70	1000	.5 N	200 N	10 N	300	700
CH376	67 42 51	147 18 34	5.0	1.5	1.00	.50	300	.5 H	200 N	10 N	150	300
CH377	67 43 23	147 17 27	10.0	1.5	0.20	.50	1000	.5 N	200 N	10 N	200	300
CH378	67 44 48	147 22 41	10.0	2.0	2.00	.50	300	.5 N	200 N	10 N	200	500
CH379	67 44 51	147 20 8	10.0	1.5	1.00	.50	500	.5 H	200 N	10 N	200	300
CH380	67 41 12	147 18 57	7.0	1.0	0.50	.50	300	.5 V	200 N	10 N	150	300
CH381	67 45 24	147 23 53	10.0	2.0	1.00	.70	2000	.5 H	200 N	10 N	150	700
CH382	67 42 42	147 23 30	5.0	1.0	0.50	.50	1000	.5 H	200 N	10 N	150	300
CH383	67 42 47	147 22 28	10.0	1.5	0.50	.70	1000	.5 H	200 N	10 N	200	300
CH384	67 40 59	147 25 1	7.0	1.5	1.00	.70	300	.5 V	200 N	10 N	100	300
CH385	67 42 11	147 24 50	15.0	2.0	0.20	.70	1000	.5 N	200 N	10 N	200	300
CH386	67 38 6	147 19 6	7.0	2.0	1.00	.50	3000	.5 H	200 N	10 N	150	500
CH387	67 39 28	147 29 47	7.0	1.5	2.00	.70	500	.5 N	200 N	10 N	150	300
CH388	67 38 14	147 18 6	10.0	2.0	1.50	.70	2000	.5 N	200 N	10 N	150	300
CH389	67 37 14	147 19 27	7.0	1.0	1.00	.70	300	.5 N	200 N	10 N	200	300
CH390	67 37 27	147 11 18	7.0	2.0	1.50	.70	300	.5 H	200 N	10 N	150	300
CH391	67 37 51	147 12 30	7.0	1.0	1.50	.70	1000	.5 H	200 N	10 N	150	300
CH392	67 37 0	147 5 48	5.0	1.0	1.50	.50	300	.5 N	200 N	10 N	150	300
CH393	67 35 45	147 7 1	10.0	1.0	1.50	.70	2000	.5 V	200 N	10 N	150	300
CH394	67 39 42	147 1 36	10.0	2.0	1.50	.70	1000	.5 H	200 N	10 N	150	500
CH395	67 40 49	147 6 38	5.0	2.0	5.00	.30	500	.5 V	200 N	10 N	150	300
CH396	67 39 45	147 2 44	10.0	2.0	2.00	.70	1000	.5 V	200 N	10 N	200	700
CH397	67 40 23	147 11 12	10.0	2.0	5.00	.70	1000	.5 N	200 N	10 N	200	500
CH398	67 41 36	147 5 35	15.0	2.0	2.00	.70	2000	.5 V	200 N	10 N	200	700
CH399	67 40 12	147 10 22	15.0	2.0	2.00	.70	2000	.5 N	200 N	10 N	200	500
CH400	67 41 45	147 11 26	15.0	3.0	3.00	.70	1000	.5 N	200 N	10 N	200	500
CH401	67 34 23	147 2 30	15.0	2.0	2.00	.50	5000 G	.5 H	200 N	10 N	150	700

STREAM SEDIMENT SAMPLES FROM THE CHA DLAR GUADKAANGLE, ALASKA--CONTINUED

SAMPLE	S-BE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MD	S-NB	S-NI	S-PH	S-SH	S-SC	S-SN	S-SR	S-V
CH361	2.0	10 N	20 N	20	150	30	50	5 N	20	50	30	100 N	15	10 N	100	200
CH362	1.0 L	10 N	20 N	7	30	20	20	5 N	20 N	30	30	100 N	5	10 N	100	50
CH363	2.0	10 N	20 N	10	70	20	70	5 N	20 N	30	15	100 N	10	10 N	100	100
CH364	1.0 L	10 N	20 N	20	30	20	20	5 N	20 N	30	50	100 N	7	10 N	200	50
CH365	1.0 L	10 N	20 N	20	30	15	20	5 N	20 N	30	30	100 N	5	10 N	150	50
CH366	2.0	10 N	20 N	15	70	30	30	5 N	20	50	15	100 N	10	10 N	100	100
CH367	2.0	10 N	20 N	15	50	30	30	5 N	20	30	20	100 N	10	10 N	200	100
CH368	3.0	10 N	20 N	15	70	20	50	5 N	20	30	30	100 N	15	10 N	100	100
CH369	2.0	10 N	20 N	15	100	30	50	5 N	20	50	15	100 N	15	10 N	150	200
CH370	1.0	10 N	20 N	15	50	30	20	7	20 N	50	15	100 N	7	10 N	100	200
CH371	2.0	10 N	20 N	15	70	30	30	5 N	20	50	20	100 N	15	10 N	100	100
CH372	1.0 B	0 B	0 B	0 B	0 H	0 H	0 H	0 B	0 B	0 B	0 H	0 B	0 B	0 B	0 B	0 B
CH373	1.0	10 N	20 N	20	70	30	50	5 N	20	30	20	100 N	15	10 N	100	100
CH374	1.0	10 N	20 N	20	70	20	30	5 N	20	30	15	100 N	15	10 N	100	70
CH375	1.0	10 N	20 N	20	70	30	50	5 N	20	30	15	100 N	15	10 N	200	100
CH376	1.0	10 N	20 N	15	50	30	30	5 N	20 N	30	15	100 N	15	10 N	100	70
CH377	1.0	10 N	20 N	20	100	30	50	5 N	20 N	30	15	100 N	15	10 N	100	100
CH378	1.0	10 N	20 N	15	100	30	50	5 N	20	30	15	100 N	15	10 N	100	100
CH379	1.0	10 N	20 N	15	70	30	50	5 N	20 N	30	15	100 N	15	10 N	100	70
CH380	1.0	10 N	20 N	15	50	30	50	5 N	20 N	30	20	100 N	10	10 N	100	70
CH381	2.0	10 N	20 N	100	70	50	50	5 N	20 N	70	30	100 N	15	10 N	100	100
CH382	2.0	10 N	20 N	15	50	20	70	5 N	20 N	30	15	100 N	15	10 N	100	70
CH383	2.0	10 N	20 N	20	100	50	70	7	20	30	20	100 N	15	10 N	100	100
CH384	1.0	10 N	20 N	15	70	15	100	5 N	20	30	10	100 N	7	10 N	100	70
CH385	1.0	10 N	20 N	20	150	50	50	5 N	20	50	30	100 N	20	10 N	100	200
CH386	1.0	10 N	20 N	30	70	50	50	5 N	20	30	30	100 N	15	10 N	100	100
CH387	1.0	10 N	20 N	15	50	30	50	5 N	20 N	30	15	100 N	10	10 N	100	100
CH388	2.0	10 N	20 N	20	100	30	50	5 N	20	30	20	100 N	15	10 N	150	100
CH389	2.0	10 N	20 N	15	70	30	100	5 N	20	30	15	100 N	10	10 N	100	70
CH390	1.0	10 N	20 N	15	100	20	50	5 N	20	30	15	100 N	15	10 N	150	100
CH391	1.0	10 N	20 N	20	70	30	50	5 N	20	30	15	100 N	10	10 N	100	100
CH392	3.0	10 N	20 N	15	100	50	50	5 N	20	30	20	100 N	15	10 N	100	100
CH393	1.0	10 N	20 N	15	50	20	70	5 N	20	30	15	100 N	10	10 N	100	100
CH394	2.0	10 N	20 N	30	100	30	50	5 N	20	30	20	100 N	15	10 N	100	100
CH395	2.0	10 N	20 N	15	100	30	50	5	20 N	30	15	100 N	10	10 N	300	70
CH396	2.0	10 N	20 N	30	150	50	50	10	20	50	30	100 N	20	10	300	200
CH397	2.0	10 N	20 N	15	100	30	50	5 N	20 N	30	15	100 N	15	10 N	500	100
CH398	2.0	10 N	20 N	20	100	50	150	5 N	20	50	15	100 N	15	10 N	200	200
CH399	1.0	10 N	20 N	20	70	30	100	5 N	20	50	15	100 N	15	10 N	200	200
CH400	2.0	10 N	20 N	20	150	30	70	5 N	20	50	15	100 N	20	10 N	300	150
CH401	1.0	10 N	20 N	50	70	20	200	5 N	20	50	10	100 N	10	10 N	100	100

STEFAN SEDIMENT SAMPLES FROM THE CANTIDIAR QUADRANGLE, ALASKA--CONTINUED

SAMPLE	S-W	S-Y	S-ZN	S-ZR	AA-AU-M	AA-CJ-P	AA-PH-P	AA-ZH-P	AA-AG-P	AA-SB-P	AA-AU-T	CM-AS	CM-SB	AAA-AU
CH361	50 N	20	200	100	.00 H	0.00 H	0 H	140	.00 B	3	0 H	10 N	0 B	0 B
CH362	50 N	10	200 L	30	.00 H	0.00 B	0 B	45	.00 B	4	0 B	10 N	0 B	0 B
CH363	50 N	20	200 L	100	.00 H	0.00 B	0 B	140	.00 B	3	0 H	10 N	0 B	0 B
CH364	50 N	15	200 N	30	.00 H	0.00 H	0 H	30	.00 H	3	0 H	10 N	0 B	0 B
CH365	50 N	10	200 N	30	.00 H	0.00 H	0 H	20	.00 H	6	0 H	10 N	0 B	0 B
CH366	50 N	20	200 L	150	.00 H	0.00 H	0 H	100	.00 B	3	0 H	10 N	0 B	0 B
CH367	50 N	20	200 N	100	.00 H	0.00 H	0 H	85	.00 B	2	0 B	10 L	0 B	0 B
CH368	50 N	15	200	70	.00 H	0.00 H	0 B	160	.00 B	2	0 B	10 N	0 B	0 B
CH369	50 N	30	200 L	200	.00 H	0.00 H	0 B	100	.00 H	5	0 H	10 N	0 B	0 B
CH370	50 N	15	200 L	70	.00 H	0.00 H	0 B	140	.00 H	3	0 B	10 L	0 B	0 B
CH371	50 N	15	200 L	70	.00 H	0.00 B	0 B	170	.00 H	2	0 B	10 L	0 B	0 B
CH372	0 B	0 B	0 B	0 B	.00 H	0.00 B	0 B	120	.00 H	0 B	0 B	0 B	0 B	0 B
CH373	50 N	30	200 L	150	.00 H	0.00 H	0 B	100	.00 B	2	0 B	10 N	0 B	0 B
CH374	50 N	15	200 N	150	.00 H	0.00 H	0 B	85	.00 B	2	0 B	10 N	0 B	0 B
CH375	50 N	20	200 N	150	.00 H	0.00 H	0 B	90	.00 B	2	0 B	10 N	0 B	0 B
CH376	50 N	20	200 N	70	.00 B	0.00 B	0 H	95	.00 B	0 B	0 B	10 L	0 B	0 B
CH377	50 N	20	200 N	70	.00 H	0.00 H	0 H	100	.00 H	3	0 B	10 L	0 B	0 B
CH378	50 N	20	200 N	70	.00 H	0.00 H	0 H	110	.00 B	2	0 B	10 L	0 B	0 B
CH379	50 N	20	200 N	100	.00 H	0.00 B	0 B	100	.00 B	3	0 B	10 L	0 B	0 B
CH380	50 N	20	200 N	100	.00 B	0.00 B	0 B	95	.00 B	2	0 B	10 N	0 B	0 B
CH381	50 N	15	500	70	.00 H	0.00 H	0 B	450	.00 H	4	0 H	10	0 B	0 B
CH382	50 N	20	200 N	70	.00 H	0.00 B	0 B	140	.00 B	3	0 B	10 L	0 B	0 B
CH383	50 N	70	200 N	100	.00 H	0.00 H	0 B	100	.00 B	3	0 B	10 L	0 B	0 B
CH384	50 N	20	200 N	300	.00 H	0.00 H	0 B	75	.00 H	2	0 B	10 N	0 B	0 B
CH385	50 N	30	200 L	100	.00 H	0.00 B	0 B	120	.00 B	3	0 B	10 N	0 B	0 B
CH386	50 N	20	200 N	100	.00 H	0.00 B	0 H	120	.00 B	0 B	0 B	10 N	0 B	0 B
CH387	50 N	15	200 N	70	.00 B	0.00 H	0 B	90	.00 B	2	0 B	10 N	0 B	0 B
CH388	50 N	30	200 N	200	.00 H	0.00 B	0 H	120	.00 B	2	0 B	10 N	0 B	0 B
CH389	50 N	30	200 N	200	.00 B	0.00 B	0 H	130	.00 B	3	0 H	10 N	0 B	0 B
CH390	50 N	20	200 L	150	.00 B	0.00 B	0 H	95	.00 B	2	0 B	10 N	0 B	0 B
CH391	50 N	20	200 L	70	.00 B	0.00 H	0 B	130	.00 B	4	0 B	10 N	0 B	0 B
CH392	50 N	30	200 L	100	.00 B	0.00 H	0 B	240	.00 H	3	0 B	10 N	0 B	0 B
CH393	50 N	20	200 L	100	.00 B	0.00 B	0 H	110	.00 H	2	0 B	10 N	0 B	0 B
CH394	50 N	20	200 L	100	.00 H	0.00 B	0 H	120	.00 H	3	0 H	10 N	0 B	0 B
CH395	50 N	15	200 N	70	.00 H	0.00 H	0 H	85	.00 B	2	0 B	10 N	0 B	0 B
CH396	50 N	20	200 L	100	.00 H	0.00 B	0 H	140	.00 H	4	0 B	10 N	0 B	0 B
CH397	50 N	30	200 L	100	.00 H	0.00 H	0 H	110	.00 H	2	0 H	10 N	0 B	0 B
CH398	50 N	30	200 L	300	.00 H	0.00 B	0 H	110	.00 H	4	0 H	10 N	0 B	0 B
CH399	50 N	20	200 L	100	.00 H	0.00 H	0 H	120	.00 H	4	0 H	10 L	0 B	0 B
CH400	50 N	70	200 L	200	.00 H	0.00 H	0 H	90	.00 H	2	0 B	10 N	0 B	0 B
CH401	50 N	30	200 L	100	.00 H	0.00 H	0 H	140	.00 B	2	0 B	10 N	0 B	0 B

STREAM SEDIMENT SAMPLES FROM THE CHAROLAR QUADRANGLE, ALASKA--CONTINUED

SAMPLE	LATITUDE	LONGITUDE	S-F-%	S-G-%	S-CA%	S-TI%	S-MH	S-AG	S-AS	S-AU	S-B	S-BA
CH402	67 35 30	147 6 32	7.0	1.0	2.00	.70	500	.5 V	200 N	10 N	200	500
CH403	67 30 46	147 2 57	10.0	1.0	1.00	.50	1000	.5 M	200 N	10 N	150	300
CH404	67 33 36	147 5 48	7.0	1.0	1.50	.70	700	.5 N	200 N	10 N	150	300
CH405	67 30 55	147 6 10	15.0	2.0	7.00	.70	2000	.5 N	200 N	10 N	200	500
CH406	67 31 10	147 3 21	10.0	2.0	1.00	.70	1000	.5 N	200 N	10 N	200	500
CH407	67 31 49	147 19 29	7.0	2.0	20.00 G	.30	1000	.5 V	200 N	10 N	100	300
CH408	67 30 20	147 7 33	10.0	1.0	2.00	.70	500	.5 N	200 N	10 N	100	300
CH409	67 32 57	147 28 28	10.0	2.0	2.00	.70	1000	.5 N	200 N	10 N	200	500
CH410	67 32 32	147 17 24	10.0	1.0	7.00	.70	3000	.5 M	200 N	10 N	150	300
CH411	67 35 53	147 28 26	10.0	2.0	1.50	.50	2000	.5 N	200 N	10 N	150	300
CH412	67 34 58	147 28 45	10.0	1.5	1.50	.50	500	.5 V	200 N	10 N	150	300
CH413	67 39 20	147 32 0	10.0	1.5	2.00	.50	500	.5 N	200 N	10 N	150	300
CH414	67 41 18	147 34 36	10.0	1.5	1.50	.70	500	.5 N	200 N	10 N	200	300
CH415	67 34 13	147 34 5	7.0	1.0	2.00	.50	500	.5 N	200 N	10 N	150	300
CH416	67 31 1	147 36 27	10.0	2.0	2.00	.70	1000	.5 N	200 N	10 N	150	300
CH417	67 30 14	147 44 8	5.0	1.0	1.00	.30	700	.5 H	200 N	10 N	150	300
CH418	67 32 0	147 52 23	10.0	1.5	1.00	.70	500	.5 N	200 N	10 N	200	500
CH419	67 34 59	147 49 17	10.0	1.5	2.00	.70	1000	.5 N	200 N	10 N	150	300
CH420	67 35 17	147 53 8	10.0	1.5	2.00	.70	1000	.5 N	200 N	10 N	150	300
CH421	67 36 10	147 58 14	10.0	2.0	5.00	.70	500	.5 N	200 N	10 N	150	300
CH422	67 37 32	147 59 21	15.0	3.0	1.50	1.00	500	.5 N	200 N	10 N	150	500
CH423	67 38 30	148 0 2	10.0	2.0	1.00	1.00	5000	.5 N	200 N	10 N	500	300
CH424	67 40 9	148 3 2	15.0	2.0	2.00	.70	5000	.5 V	200 N	10 N	300	300
CH425	67 40 41	148 5 27	15.0	2.0	1.50	.70	2000	.5 M	200 N	10 N	500	300
CH426	67 35 56	148 4 59	10.0	2.0	1.00	.70	3000	.5 N	200 N	10 N	150	300
CH427	67 35 54	148 3 11	7.0	1.5	1.00	.70	300	.5 N	200 N	10 N	150	300
CH428	67 23 57	148 45 5	15.0	2.0	1.00	1.00	1000	.5 N	200 N	10 N	200	1000
CH429	67 25 10	148 42 44	10.0	2.0	2.00	1.00	2000	.5 N	200 N	10 N	150	500
CH430	67 21 15	148 40 51	10.0	1.0	1.00	1.00	200	.5 M	200 N	10 N	200	300
CH431	67 23 7	148 45 51	10.0	2.0	2.00	1.00	1000	.5 N	200 N	10 N	150	300
CH432	67 23 2	148 37 40	10.0	2.0	1.00	.70	2000	.5 N	200 N	10 N	150	700
CH433	67 21 55	148 39 5	10.0	1.5	0.50	1.00	500	.5 V	200 N	10 N	150	700
CH434	67 23 32	148 34 32	15.0	1.5	1.50	1.00 G	300	.5 M	200 N	10 N	200	700
CH435	67 22 30	148 37 14	15.0	1.0	1.00	1.00 G	300	.5 N	200 N	10 N	300	500
CH436	67 20 53	148 28 59	10.0	1.0	0.70	1.00 G	300	.5 N	200 N	10 N	150	500
CH437	67 24 15	148 31 19	10.0	1.0	0.70	1.00	500	.5 V	200 N	10 N	150	500
CH438	67 24 15	149 43 24	15.0	2.0	1.50	1.00	500	.5 V	200 N	10 N	150	500
CH439	67 19 18	148 33 48	10.0	1.0	1.50	1.00	500	.5 N	200 N	10 N	200	300
CH440	67 24 34	148 48 16	15.0	2.0	3.00	.50	700	.5 V	200 N	10 N	70	500
CH441	67 23 11	149 37 45	10.0	1.0	0.70	.50	1000	.5 V	200 N	10 N	30	300
CH442	67 24 39	149 43 12	7.0	2.0	7.00	.30	500	.5 V	200 N	10 N	100	700

SAMPLE	S-BE	S-RI	S-CD	S-CO	S-CU	S-LA	S-MU	S-GB	S-KI	S-PH	S-SH	S-SC	S-SN	S-SR	S-V
CH402	1.0	10 N	20 N	15	30	50	5 N	20	30	15	100 N	10	10 N	100	100
CH403	1.0	10 N	20 N	15	20	50	5 N	20	30	10	100 N	10	10 N	100	100
CH404	1.0	10 N	20 N	15	20	50	5 N	20	30	10	100 N	10	10 N	100	100
CH405	1.0	10 N	20 N	20	50	50	5 N	20	50	30	100 N	10	10 N	100	150
CH406	2.0	10 N	20 N	20	30	70	5 N	20	50	20	100 N	15	10 N	100	200
CH407	1.0	10 N	20 N	20	30	30	5 N	20 N	50	20	100 N	15	10 N	300	100
CH408	1.0	10 N	20 N	15	20	30	5 N	20 N	30	10	100 N	10	10 N	100	100
CH409	1.0	10 N	20 N	15	30	200	5 N	20	30	20	100 N	15	10 N	100	150
CH410	1.0	10 N	20 N	15	20	70	7	20	30	15	100 N	10	10 N	100	100
CH411	1.0	10 N	20 N	30	20	30	5 N	20	30	15	100 N	7	10 N	100	100
CH412	1.0	10 N	20 N	30	20	30	5 N	20	30	15	100 N	7	10 N	100	100
CH413	1.0	10 N	20 N	30	20	30	5 N	20	30	15	100 N	7	10 N	100	100
CH414	1.0	10 N	20 N	30	20	30	5 N	20	30	15	100 N	10	10 N	100	100
CH415	1.0	10 N	20 N	15	20	20	5 N	20	30	15	100 N	7	10 N	100	70
CH416	1.0	10 N	20 N	15	30	20	5 N	20	50	15	100 N	10	10 N	100	100
CH417	1.0	10 N	20 N	15	20	20	5 N	20	30	10	100 N	7	10 N	100	70
CH418	2.0	10 N	20 N	15	30	20	5 N	20	30	15	100 N	10	10 N	100	100
CH419	1.0	10 N	20 N	15	20	20	5 N	20	50	15	100 N	10	10 N	100	100
CH420	1.0	10 N	20 N	15	30	70	5 N	20	30	20	100 N	10	10 N	150	100
CH421	1.0	10 N	20 N	15	30	50	5 N	20	30	20	100 N	10	10 N	200	100
CH422	1.0	10 N	20 N	15	70	70	5 N	20	70	30	100 N	15	10 N	200	200
CH423	1.0	10 N	20 N	30	50	50	5 N	20	70	20	100 N	15	10 N	100	100
CH424	1.0	10 N	20 N	20	50	70	5 N	20	50	20	100 N	15	10 N	200	100
CH425	1.0	10 N	20 N	15	70	50	5 N	20	30	20	100 N	15	10 N	100	100
CH426	1.0	10 N	20 N	30	50	70	5 N	20	100	20	100 N	10	10 N	100	70
CH427	2.0	10 N	20 N	15	30	70	5 N	20	50	15	100 N	10	10 N	100	100
CH428	1.0	10 N	20 N	20	50	50	5 N	50	50	30	100 N	15	10 N	100	200
CH429	1.0	10 N	20 N	15	30	70	5 N	20	30	20	100 N	15	10 N	100	100
CH430	1.0	10 N	20 N	10	15	70	5 N	20	30	15	100 N	7	10 N	100	100
CH431	1.0	10 N	20 N	15	15	20	5 N	50	30	15	100 N	15	10 N	100	100
CH432	1.0	10 N	20 N	50	70	70	5 N	20	50	30	100 N	15	10 N	100	100
CH433	2.0	10 N	20 N	15	30	50	5 N	20	30	20	100 N	10	10 N	100	100
CH434	1.0	10 N	20 N	10	50	50	5 N	50	30	20	100 N	15	10 N	100	100
CH435	2.0	10 N	20 N	15	150	70	5 N	50	30	30	100 N	15	10 N	100	100
CH436	1.0	10 N	20 N	15	100	50	5 N	70	30	20	100 N	15	10 N	100	100
CH437	1.0	10 N	20 N	15	70	50	5 N	20	30	20	100 N	10	10 N	100	100
CH438	1.0	10 N	20 N	30	150	50	5 N	20	50	20	100 N	15	10 N	100	100
CH439	1.0	10 N	20 N	15	70	70	5 N	20	30	15	100 N	10	10 N	100	70
CH440	2.0	10 N	20 N	30	100	20	5 N	20 N	70	20	100 N	15	10 N	200	150
CH441	1.0	10 N	20 N	30	100	70	5 N	20 N	50	20	100 N	10	10 N	100 N	100
CH442	2.0	10 N	20 N	20	100	20	5 N	20 N	70	20	100 N	15	10 N	200	150

STREAM SEDIMENT SAMPLES FROM THE CHAROLAR QUADRANGLE, ALASKA--CONTINUED

SAMPLE	S-W	S-Y	S-ZV	S-ZR	AA-ZM-P	AA-CU-P	AA-PR-P	AA-ZM-P	AA-AG-P	AA-SH-P	AA-AU-T	CM-SB	AAA-AU
CH402	50 N	30	200 N	500	.00 H	0.00 H	0 H	95	.00 H	2	0 H	0 R	0 B
CH403	50 N	15	200 N	200	.00 C	0.00 H	0 H	90	.00 B	2	0 B	0 R	0 B
CH404	50 N	30	200 N	700	.00 C	0.00 H	0 H	120	.00 B	2	0 B	0 B	0 B
CH405	50 N	30	200 N	150	.00 H	0.00 B	0 R	95	.00 H	0 H	0 H	0 R	0 H
CH406	50 N	20	200 N	700	.00 H	0.00 H	0 R	90	.00 H	2	0 H	0 B	0 B
CH407	50 N	15	200 N	300	.00 H	0.00 H	0 R	70	.00 H	2	0 R	0 R	0 B
CH408	50 N	15	200 N	200	.00 H	0.00 H	0 R	90	.00 H	3	0 H	0 B	0 B
CH409	50 N	30	200 N	100	.00 H	0.00 H	0 H	100	.00 H	2	0 B	0 B	0 B
CH410	50 N	20	200 N	300	.00 H	0.00 H	0 H	75	.00 H	1	0 H	0 R	0 B
CH411	50 N	15	200 N	200	.00 H	0.00 H	0 R	75	.00 B	1	0 B	0 B	0 B
CH412	50 N	15	200 N	200	.00 H	0.00 H	0 R	75	.00 B	2	0 B	0 R	0 B
CH413	50 N	15	200 N	100	.00 H	0.00 H	0 H	85	.00 B	2	0 B	0 B	0 B
CH414	50 N	20	200 N	500	.00 H	0.00 B	0 B	80	.00 H	1	0 B	0 R	0 B
CH415	50 N	10	200 N	100	.00 H	0.00 B	0 R	90	.00 H	3	0 B	0 R	0 H
CH416	50 N	20	200 N	100	.00 C	0.00 B	0 H	100	.00 H	2	0 H	0 B	0 B
CH417	50 N	15	200 N	100	.00 H	0.00 B	0 H	100	.00 B	2	0 B	0 B	0 B
CH418	50 N	50	200 N	100	.00 H	0.00 H	0 R	130	.00 H	2	0 H	0 B	0 B
CH419	50 N	15	200 N	100	.00 H	0.00 B	0 R	130	.00 B	2	0 B	0 B	0 H
CH420	50 N	30	200 N	200	.00 H	0.00 B	0 R	85	.00 H	2	0 B	0 B	0 B
CH421	50 N	15	200 N	100	.00 B	0.00 B	0 R	95	.00 B	2	0 B	0 B	0 B
CH422	50 N	50	200 N	300	.00 H	0.00 B	0 B	150	.00 H	0 B	0 H	0 B	0 B
CH423	50 N	30	200 N	150	.00 H	0.00 B	0 R	110	.00 B	0 B	0 H	0 B	0 B
CH424	50 N	20	200 N	150	.00 H	0.00 B	0 R	95	.00 B	3	0 B	0 B	0 H
CH425	50 N	20	200 N	150	.00 H	0.00 B	0 B	100	.00 B	3	0 B	0 B	0 B
CH426	50 N	20	200	100	.00 C	0.00 B	0 R	200	.00 H	3	0 B	0 B	0 B
CH427	50 N	30	200 N	100	.00 H	0.00 B	0 R	230	.00 B	3	0 H	0 B	0 B
CH428	50 N	20	200 N	200	.00 H	0.00 B	0 R	140	.00 B	2	0 B	0 R	0 B
CH429	50 N	20	200 N	100	.00 H	0.00 B	0 H	120	.00 H	2	0 H	0 R	0 H
CH430	50 N	30	200 N	200	.00 H	0.00 B	0 B	85	.00 H	1	0 H	0 B	0 B
CH431	50 N	20	200 N	100	.00 H	0.00 B	0 R	75	.00 B	2	0 H	0 B	0 B
CH432	50 N	20	200 N	100	.00 H	0.00 B	0 R	170	.00 H	2	0 H	0 B	0 B
CH433	50 N	15	200 N	100	.00 H	0.00 H	0 R	120	.00 B	2	0 B	0 B	0 B
CH434	50 N	15	200 N	150	.00 H	0.00 H	0 B	100	.00 B	3	0 B	0 B	0 B
CH435	50 N	70	200 N	200	.00 H	0.00 H	0 H	140	.00 H	2	0 H	0 B	0 B
CH436	50 N	15	200 N	200	.00 H	0.00 B	0 H	160	.00 H	2	0 H	0 B	0 B
CH437	50 N	20	200 N	100	.00 H	0.00 B	0 R	130	.00 H	5	0 H	0 R	0 H
CH438	50 N	20	200 N	100	.00 H	0.00 B	0 R	170	.00 H	4	0 H	0 R	0 B
CH439	50 N	20	200 N	70	.00 H	0.00 B	0 R	110	.00 B	2	0 H	0 B	0 B
CH440	50 N	20	200	100	.00 H	0.00 H	0 R	120	.00 H	2	0 H	0 H	0 B
CH441	50 N	20	200 L	100	.00 H	0.00 H	0 R	100	.00 H	2	0 H	0 B	0 B
CH442	50 N	20	200 L	100	.00 H	0.00 B	0 H	85	.00 B	3	0 H	0 B	0 B

STREAM SEDIMENT SAMPLES FROM THE CHADDAR QUADRANGLE, ALASKA--CONTINUED

SAMPLE	LATITUDE	LONGITUD	S-PE%	S-NG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA
CH443	67 24 34	149 43 47	7.0	2.0	2.00	.30	500	.5 N	200 N	10 N	100	700
CH444	67 26 12	149 57 34	7.0	1.0	0.20	.50	1000	.5 N	200 N	10 N	100	300
CH445	67 25 13	149 49 5	3.0	1.0	5.00	.20	200	.5 N	200 N	10 N	50	300
CH446	67 28 50	149 59 26	7.0	1.0	0.30	.30	1500	.5 N	200 N	10 N	150	300
CH447	67 26 39	149 50 40	5.0	1.0	0.20	.50	500	.5 N	200 N	10 N	200	500
CH449	67 29 23	149 55 50	10.0	2.0	1.00	.50	1000	.5 N	200 N	10 N	100	300
CH449	67 24 30	149 58 3	5.0	1.0	0.50	.50	300	.5 N	200 N	10 N	70	500
CH450	67 29 51	149 48 5	7.0	1.5	2.00	.50	1000	.5 N	200 N	10 N	100	200
CH451	67 27 59	149 59 16	10.0	1.5	0.50	.50	1500	.5 N	200 N	10 N	150	200
CH452	67 27 54	149 34 6	3.0	1.0	1.50	.30	300	3.0	200 N	10 N	70	300
CH453	67 28 41	149 54 34	5.0	1.5	0.30	.30	700	.5 N	200 N	10 N	100	200
CH454	67 29 44	149 33 24	5.0	1.0	2.00	.30	500	.5 N	200 N	10 N	150	300
CH455	67 38 12	149 35 52	3.0	2.0	20.00	.15	700	.5 N	200 N	10 N	20	150
CH456	67 26 36	149 33 42	5.0	1.5	2.00	.50	700	.5 N	200 N	10 N	70	500
CH457	67 36 40	149 36 20	7.0	1.5	7.00	.30	700	.5 N	200 N	10 N	50	300
CH458	67 23 32	149 31 17	10.0	1.5	0.50	.30	700	.5 N	200 N	10 N	100	500
CH459	67 29 4	149 40 18	10.0	1.5	1.50	.50	700	.5 N	200 N	10 N	150	300
CH460	67 20 35	149 46 16	10.0	1.5	0.20	.50	300	.5 N	200 N	10 N	50	300
CH461	67 28 32	149 33 38	3.0	1.0	1.50	.50	700	.5 N	200 N	10 N	150	150
CH462	67 20 48	149 46 40	10.0	1.0	0.10	.70	500	.5 N	200 N	10 N	70	300
CH463	67 25 42	149 32 48	10.0	1.0	0.30	.30	300	.5 N	200 N	10 N	50	300
CH464	67 21 11	149 53 39	10.0	1.0	0.15	.70	500	.5 N	200 N	10 N	100	500
CH465	67 19 24	149 48 42	10.0	1.0	0.20	.70	300	.5 N	200 N	10 N	100	700
CH466	67 21 16	149 52 35	10.0	1.0	0.20	.70	300	.5 N	200 N	10 N	100	500
CH467	67 19 49	149 54 16	10.0	1.5	0.50	.50	700	.5 N	200 N	10 N	100	1000
CH468	67 20 30	149 56 30	7.0	1.0	0.20	.70	300	.5 N	200 N	10 N	100	700
CH469	67 19 42	149 57 32	15.0	2.0	1.00	.50	700	.5 N	200 N	10 N	150	1000
CH470	67 16 28	149 57 59	7.0	1.5	0.10	.30	700	.5 N	200 N	10 N	100	700
CH471	67 17 3	149 55 49	10.0	1.0	0.20	.50	700	.5 N	200 N	10 N	100	500
CH472	67 15 26	149 51 11	5.0	0.7	0.10	.30	300	.5 N	200 N	10 N	100	300
CH473	67 16 49	149 49 0	7.0	1.0	0.20	.30	700	.5 N	200 N	10 N	100	700
CH474	67 17 2	149 46 23	7.0	0.7	0.10	.30	300	.5 N	200 N	10 N	70	500
CH475	67 17 31	149 40 45	7.0	1.0	0.20	.30	300	.5 N	200 N	10 N	150	700
CH476	67 18 37	149 37 32	5.0	1.5	0.30	.30	700	.5 N	200 N	10 N	100	1000
CH477	67 7 51	149 33 34	15.0	2.0	5.00	.70	1000	.5 N	200 N	10 N	10	1500
CH478	67 8 9	149 32 40	5.0	2.0	2.00	.70	1000	.5 N	200 N	10 N	20	2000
CH479	67 6 51	149 35 0	10.0	1.5	2.00	.70	1500	.5 N	200 N	10 N	20	500
CH480	67 7 1	149 34 32	10.0	3.0	3.00	.70	1500	.5 N	200 N	10 N	30	1500
CH481	67 5 6	149 35 17	15.0	2.0	5.00	.70	1000	.5 N	200 N	10 N	50	500
CH482	67 6 11	149 32 48	5.0	2.0	2.00	.70	700	.5 N	200 N	10 N	100	1000
CH483	67 3 15	149 36 15	15.0	2.0	2.00	.50	700	.5 N	200 N	10 N	20	700

STREAM SEDIMENT SAMPLES FROM THE CHADLAR QUADRANGLE, ALASKA--CONTINUED

SAMPLE	S-BE	S-BI	S-CD	S-CO	S-CH	S-CU	S-IA	S-MO	S-NB	S-NI	S-PH	S-SH	S-SC	S-SN	S-SR	S-V
CH443	2.0	10 N	20 N	50	100	70	20	5 N	20 N	100	30	100 N	15	10 N	200	150
CH444	1.0	10 N	20 N	15	70	20	20 N	5 N	20 N	30	10	100 N	15	10 N	100 N	100
CH445	1.0	10 N	20 N	10	50	15	20 N	5 N	20 N	30	10	100 N	5	10 N	200	70
CH446	1.0	10 N	20 N	20	70	150	20 N	5 N	20 N	50	15	100 N	15	10 N	100 N	100
CH447	2.0	10 N	20 N	20	70	15	20 N	5 N	20 N	30	10	100 N	15	10 N	100	150
CH448	1.0	10 N	20 N	20	70	30	20 N	5 N	20 N	30	20	100 N	15	10 N	100	150
CH449	1.0	10 N	20 N	15	100	30	20 N	5 N	20 N	50	20	100 N	15	10 N	100 N	150
CH450	1.0	10 N	20 N	15	70	30	20 N	5 N	20 N	30	10	100 N	15	10 N	100 N	100
CH451	1.0	10 N	20 N	20	100	30	20 N	5 N	20 N	30	15	100 N	15	10 N	100 N	150
CH452	1.0 N	10 N	20 N	15	70	30	20 N	5 N	20 N	30	10	100 N	10	10 N	100 N	100
CH453	1.0	10 N	20 N	15	70	20	20 N	5 N	20 N	30	10	100 N	15	10 N	100 N	100
CH454	1.0	10 N	20 N	10	70	30	20 N	5 N	20 N	30	10	100 N	10	10 N	100 N	100
CH455	1.0 N	10 N	20 N	5	50	20	20 N	5 N	20 N	30	15	100 N	10	10 N	200	50
CH456	1.0	10 N	20 N	15	70	30	20 N	5 N	20 N	30	15	100 N	10	10 N	100 N	150
CH457	1.0	10 N	20 N	15	70	30	20 N	5 N	20 N	30	10	100 N	10	10 N	100 N	100
CH458	2.0	10 N	20 N	20	100	50	70	5 N	20 N	50	30	100 N	15	10 N	100 N	150
CH459	1.0	10 N	20 N	15	70	30	20 N	5 N	20 N	30	30	100 N	15	10 N	100 N	100
CH460	1.0 N	10 N	20 N	15	70	30	20 N	5 N	20 N	30	30	100 N	10	10 N	100 N	100
CH461	1.0	10 N	20 N	15	50	30	20 N	5 N	20 N	30	15	100 N	15	10 N	100 N	70
CH462	2.0	10 N	20 N	15	70	50	20 N	5 N	20 N	50	30	100 N	15	10 N	100 N	100
CH463	1.0 N	10 N	20 N	15	100	30	20 N	5 N	20 N	50	30	100 N	10	10 N	100 N	70
CH464	2.0	10 N	20 N	15	150	50	20 N	5 N	20 N	50	30	100 N	10	10 N	100 N	100
CH465	2.0	10 N	20 N	10	70	30	20 N	5 N	20 N	30	20	100 N	10	10 N	100 N	100
CH466	2.0	10 N	20 N	15	70	30	20 N	5 N	20 N	30	20	100 N	10	10 N	100 N	100
CH467	2.0	10 N	20 N	20	150	50	20 N	5 N	20 N	70	30	100 N	15	10 N	100	100
CH468	2.0	10 N	20 N	15	70	30	20 N	5 N	20 N	50	20	100 N	10	10 N	100	100
CH469	3.0	10 N	20 N	30	150	50	30	5 N	20 N	70	30	100 N	20	10 N	100 N	200
CH470	2.0	10 N	20 N	30	150	30	20 N	5 N	20 N	70	30	100 N	10	10 N	100 N	150
CH471	2.0	10 N	20 N	30	100	30	20 N	5 N	20 N	70	30	100 N	10	10 N	100 N	100
CH472	1.0	10 N	20 N	20	150	30	30	5 N	20 N	30	20	100 N	10	10 N	100 N	100
CH473	1.0	10 N	20 N	30	150	30	20 N	5 N	20 N	70	30	100 N	10	10 N	100 N	100
CH474	1.0	10 N	20 N	20	100	30	20 N	5 N	20 N	30	30	100 N	10	10 N	100 N	100
CH475	3.0	10 N	20 N	30	100	30	70	5 N	20 N	70	30	100 N	15	10 N	100 N	100
CH476	2.0	10 N	20 N	50	150	30	30	5 N	20 N	70	30	100 N	15	10 N	100 N	100
CH477	1.0	10 N	20 N	30	150	30	20 N	5 N	20 N	70	20	100 N	30	10 N	200	300
CH478	1.0 N	10 N	20 N	20	100	30	20 N	5 N	20 N	50	20	100 N	20	10 N	100	200
CH479	1.0	10 N	20 N	30	100	20	20 N	5 N	20 N	30	20	100 N	20	10 N	100	150
CH480	1.0 N	10 N	20 N	30	300	30	20 N	5 N	20 N	100	15	100 N	30	10 N	200	200
CH481	1.0 N	10 N	20 N	30	300	50	20 N	5 N	20 N	70	20	100 N	30	10 N	200	200
CH482	1.0 N	10 N	20 N	30	100	30	20 N	5 N	20 N	50	20	100 N	20	10 N	100 N	200
CH483	3.0	10 N	20 N	30	100	30	100	5 N	20 N	50	30	100 N	30	10 N	700	150

STEAM SEDIMENT SA PLFS FROM THE CHAROLAR QUADRANGLE, ALASKA--CONTINUED

SAMPLE	S-W	S-Y	S-Zn	S-ZR	AA-AU-P	AA-CU-P	AA-PB-P	AA-Zn-P	AA-AG-P	AA-SB-P	AA-AU-T	CM-AS	CM-SB	AAA-AU
CH443	50 N	30	200	70	.00 B	0.00 B	0 H	170	.00 H	2	0 H	10 L	0 B	0 B
CH444	50 N	15	200 N	100	.00 H	0.00 B	0 H	70	.00 B	2	0 H	10 N	0 B	0 B
CH445	50 N	10 N	200 N	70	.00 H	0.00 B	0 B	55	.00 B	2	0 H	10 N	0 B	0 B
CH446	50 N	15	200 N	100	.00 H	0.00 B	0 B	75	.00 B	3	0 B	10 L	0 B	0 B
CH447	50 N	20	200 N	150	.00 H	0.00 B	0 H	65	.00 B	1	0 B	10 N	0 B	0 B
CH448	50 N	15	200 N	150	.00 B	0.00 B	0 B	75	.00 B	3	0 B	10 N	0 B	0 B
CH449	50 N	20	200 N	150	.00 H	0.00 B	0 H	100	.00 B	2	0 H	10 N	0 B	0 B
CH450	50 N	20	200 N	100	.00 H	0.00 B	0 B	70	.00 B	2	0 B	10 N	0 B	0 B
CH451	50 N	20	200 N	150	.00 H	0.00 B	0 B	70	.00 B	2	0 H	10 H	0 B	0 B
CH452	50 N	20	200 N	100	.00 B	0.00 B	0 B	120	.00 B	3	0 H	10 N	0 B	0 B
CH453	50 N	20	200 N	100	.00 B	0.00 B	0 H	70	.00 B	3	0 B	10 N	0 B	0 B
CH454	50 N	20	200 N	100	.00 H	0.00 B	0 B	60	.00 B	2	0 B	10 N	0 B	0 B
CH455	50 N	15	200 N	50	.00 H	0.00 B	0 B	35	.00 B	2	0 B	10 N	0 B	0 B
CH456	50 N	10	200 N	100	.00 H	0.00 B	0 B	65	.00 B	2	0 H	10 N	0 B	0 B
CH457	50 N	15	200 N	100	.00 H	0.00 B	0 B	110	.00 B	2	0 B	10	0 B	0 B
CH459	50 N	30	200 N	150	.00 B	0.00 B	0 B	75	.00 H	0 B	0 H	10 N	0 B	0 B
CH459	50 N	20	200 N	100	.00 H	0.00 B	0 B	70	.00 B	2	0 B	10 N	0 B	0 B
CH459	50 N	15	200 N	100	.00 H	0.00 B	0 B	100	.00 H	2	0 H	10 L	0 B	0 B
CH461	50 N	20	200 N	100	.00 H	0.00 B	0 B	55	.00 B	2	0 B	10	0 B	0 B
CH462	50 N	20	200	200	.00 H	0.00 B	0 H	110	.00 H	2	0 B	10 N	0 B	0 B
CH463	50 N	20	200 N	100	.00 B	0.00 B	0 B	120	.00 B	3	0 B	20	0 B	0 B
CH464	50 N	30	200	200	.00 H	0.00 B	0 B	130	.00 H	3	0 B	10 L	0 B	0 B
CH465	50 N	30	200 N	100	.00 H	0.00 B	0 B	110	.00 B	2	0 H	10 L	0 B	0 B
CH466	50 N	15	200 N	200	.00 H	0.00 B	0 H	110	.00 B	3	0 B	10	0 B	0 B
CH467	50 N	20	200 N	200	.00 H	0.00 B	0 B	110	.00 H	2	0 B	10	0 B	0 B
CH468	50 N	20	200 N	150	.00 H	0.00 B	0 H	95	.00 B	1	0 H	10 L	0 B	0 B
CH469	50 N	30	200	150	.00 B	0.00 B	0 H	100	.00 B	2	0 H	10 N	0 B	0 B
CH470	50 N	15	200 N	150	.00 B	0.00 B	0 H	150	.00 H	2	0 H	10 N	0 B	0 B
CH471	50 N	20	200	100	.00 H	0.00 B	0 H	140	.00 B	2	0 H	10 L	0 B	0 B
CH472	50 N	20	200 N	150	.00 H	0.00 B	0 B	120	.00 B	2	0 H	10 N	0 B	0 B
CH473	50 N	100	200	100	.00 H	0.00 B	0 B	140	.00 H	2	0 H	10 N	0 B	0 B
CH474	50 N	10	200	100	.00 H	0.00 B	0 H	110	.00 B	2	0 B	10 N	0 B	0 B
CH475	50 N	30	200	150	.00 H	0.00 B	0 H	150	.00 H	2	0 H	10 N	0 B	0 B
CH476	50 N	20	200	100	.00 B	0.00 B	0 B	140	.00 B	1	0 B	10 N	0 B	0 B
CH477	50 N	30	200 N	100	.00 H	0.00 B	0 H	45	.00 B	1	0 H	10 N	0 B	0 B
CH478	50 N	20	200 N	70	.00 H	0.00 B	0 H	45	.00 B	1	0 H	10 N	0 B	0 B
CH479	50 N	30	200 N	300	.00 H	0.00 B	0 B	45	.00 H	1	0 H	10 N	0 B	0 B
CH480	50 N	30	200 N	70	.00 H	0.00 B	0 B	55	.00 H	2	0 H	10 N	0 B	0 B
CH481	50 N	30	200 N	70	.00 H	0.00 B	0 H	70	.00 H	1	0 H	10 N	0 B	0 B
CH482	50 N	20	200 N	70	.00 H	0.00 B	0 H	100	.00 H	3	0 H	10 N	0 B	0 B
CH483	50 N	30	200 N	150	.00 H	0.00 B	0 B	55	.00 H	0 B	0 B	10 N	0 B	0 B

STREAM SEDIMENT SAMPLES FROM THE CHAMPLAIN QUADRANGLE, ALASKA--CONTINUED

SAMPLE	LATITUDE	LONGITUD	S-PP*	S-MG*	S-CA*	S-TI*	S-M*	S-AG	S-AS	S-AU	S-B	S-RA
CH484	67 4 0	149 36 25	10.0	3.0	3.00	.70	700	.5 N	200 N	10 N	10	700
CH485	67 2 13	149 32 30	15.0	5.0	7.00	.70	1000	.5 N	200 N	10 N	10	700
CH486	67 2 22	149 35 9	5.0	2.0	3.00	.50	700	.5 N	200 N	10 N	50	500
CH487	67 2 30	149 42 57	10.0	2.0	3.00	.50	700	.5 N	200 N	10 N	30	700
CH488	67 1 39	149 33 23	15.0	2.0	5.00	.70	700	.5 N	200 N	10 N	20	700
CH489	67 4 41	149 46 9	15.0	2.0	3.00	.70	1500	.5 N	200 N	10 N	200	700
CH490	67 2 38	149 42 15	15.0	3.0	3.00	.70	1000	.5 N	200 N	10 N	20	500
CH491	67 3 39	149 51 27	10.0	2.0	3.00	.70	700	.5 N	200 N	10 N	15	700
CH492	67 4 44	149 44 29	7.0	1.5	2.00	.50	700	.5 N	200 N	10 N	50	300
CH493	67 1 59	149 57 56	5.0	1.0	2.00	.30	700	.5 N	200 N	10 N	20	300
CH494	67 4 5	149 47 53	5.0	2.0	3.00	.50	700	.5 N	200 N	10 N	30	500
CH495	67 5 34	149 56 53	5.0	0.7	1.50	.70	700	.5 N	200 N	10 N	30	200
CH496	67 2 57	149 54 51	10.0	1.5	1.50	.50	1000	.5 N	200 N	10 N	50	500
CH497	67 7 53	149 56 11	10.0	1.5	1.50	.50	700	.5 N	200 N	10 N	30	500
CH498	67 5 18	149 54 3	5.0	0.7	1.00	.50	2000	.5 N	200 N	10 N	70	300
CH499	67 10 30	149 58 10	5.0	1.5	0.50	.30	700	.5 N	200 N	10 N	70	1000
CH500	67 8 30	149 54 48	10.0	2.0	2.00	.50	700	.5 N	200 N	10 N	70	700
CH501	67 13 45	149 57 52	15.0	5.0	2.00	1.00	1000	.5 N	200 N	10 N	200	3000
CH502	67 10 54	149 55 40	15.0	5.0	2.00	.70	2000	.5 N	200 N	10 N	200	700
CH503	67 14 38	149 50 13	15.0	5.0	1.00	1.00	2000	.5 N	200 N	10 N	200	700
CH504	67 12 19	149 54 11	10.0	2.0	1.00	1.00	1000	.5 N	200 N	10 N	200	700
CH505	67 9 2	149 50 29	15.0	5.0	10.00	1.00	5000	.5 N	200 N	10 N	200	5000
CH506	67 13 53	149 53 47	10.0	2.0	1.00	1.00	1000	.5 N	200 N	10 N	200	700
CH507	67 10 1	149 47 21	10.0	2.0	3.00	.70	2000	.5 N	200 N	10 N	150	2000
CH508	67 14 47	149 48 35	10.0	2.0	1.00	.70	5000	.5 N	200 N	10 N	200	700
CH509	67 8 0	149 45 42	10.0	2.0	5.00	.70	2000	.5 N	200 N	10 N	200	300
CH510	67 9 33	149 48 32	10.0	2.0	5.00	1.00	1000	.5 N	200 N	10 N	150	3000
CH511	67 9 51	149 44 44	5.0	1.0	2.00	.50	500	.5 N	200 N	10 N	150	500
CH512	67 7 36	149 41 57	10.0	1.0	3.00	.70	3000	.5 N	200 N	10 N	150	1000
CH513	67 10 53	149 37 44	15.0	2.0	5.00	1.00	2000	.5 N	200 N	10 N	150	2000
CH514	67 9 52	149 41 8	15.0	7.0	10.00	1.00	3000	.5 N	200 N	10 N	200	3000
CH515	67 13 6	149 32 11	7.0	1.5	10.00	.70	1000	.5 N	200 N	10 N	150	300
CH516	67 10 49	149 41 3	10.0	2.0	2.00	.70	2000	.5 N	200 N	10 N	150	700
CH517	67 14 44	149 33 52	5.0	1.0	1.00	.70	300	.5 N	200 N	10 N	150	300
CH518	67 11 57	149 35 57	5.0	1.0	1.00	.30	700	.5 N	200 N	10 N	100	300
CH519	67 17 17	149 34 8	10.0	1.0	1.00	.70	500	.5 N	200 N	10 N	200	500
CH520	67 13 4	149 35 4	7.0	2.0	5.00	.70	3000	.5 N	200 N	10 N	150	300
CH521	67 21 3	149 32 31	15.0	2.0	1.00	1.00	1000	.5 N	200 N	10 N	200	700
CH522	67 15 47	149 39 6	5.0	0.7	1.00	.70	300	.5 N	200 N	10 N	100	300
CH523	67 8 58	149 27 1	7.0	1.5	10.00	1.00	2000	.5 N	200 N	10 N	150	300
CH524	67 17 57	149 31 2	10.0	1.0	0.50	.70	1000	.5 N	200 N	10 N	200	1000

STREAM SEDIMENT SAMPLES FROM THE CHANOLAK QUADRANGLE, ALASKA--CONTINUED

SAMPLE	S-RE	S-SBI	S-CD	S-CD	S-CD	S-CR	S-CU	S-LA	S-MO	S-NB	S-PI	S-PA	S-SB	S-SC	S-SN	S-SR	S-V
CH484	3.0	10 N	20 N	30	150	30	100	5 N	20 N	20 N	50	20	100 N	30	10 N	500	200
CH485	3.0	10 N	20 N	30	300	20	150	5 N	20 N	20 N	70	30	100 N	30	10 N	700	300
CH486	2.0	10 N	20 N	-15	70	20	20 N	5 N	20 N	20 N	30	20	100 N	15	10 N	200	150
CH487	3.0	10 N	20 N	15	100	30	300	5 N	20 N	20 N	30	50	100 N	15	10 L	500	200
CH488	3.0	10 N	20 N	20	100	20	100	5 N	20 N	50	30	30	100 N	30	10 N	700	300
CH489	1.0 N	10 N	20 N	30	150	30	20 N	5 N	20 N	20 N	70	10	100 N	20	10 N	200	200
CH490	3.0	10 N	20 N	20	100	20	70	5 N	20 N	20 N	30	30	100 N	20	10 L	500	150
CH491	3.0	10 N	20 N	15	70	30	20	5 N	20 N	20 N	30	20	100 N	15	10 N	300	150
CH492	3.0	10 N	20 N	15	70	30	50	5 N	20 N	20 N	30	20	100 N	15	10 N	200	150
CH493	3.0	10 N	20 N	10	50	20	70	5 N	20 N	20 N	30	20	100 N	10	10 N	200	100
CH494	3.0	10 N	20 N	15	150	15	50	5 N	20 N	20 N	30	20	100 N	15	10 N	300	150
CH495	1.0 N	10 N	20 N	10	30	10	20 N	5 N	20 N	20 N	30	10 N	100 N	15	10 N	100	100
CH496	1.0 N	10 N	20 N	15	70	30	20 N	5 N	20 N	20 N	30	20	100 N	15	10 N	100	150
CH497	1.0 N	10 N	20 N	20	70	70	20 N	5 N	20 N	20 N	50	10	100 N	15	10 N	100 N	150
CH498	1.0 N	10 N	20 N	20	30	20	20	5 N	20 N	20 N	30	10	100 N	10	10 N	100 N	100
CH499	1.0 N	10 N	20 N	15	100	30	20 N	5 N	20 N	20 N	70	20	100 N	15	10 N	100 N	150
CH500	1.0 N	10 N	20 N	30	100	70	20 N	5 N	20 N	20 N	70	20	100 N	15	10 N	100	150
CH501	2.0	10 N	20 N	15	100	30	30	5 N	20 N	20 N	50	15	100 N	15	10 N	200	500
CH502	2.0	10 N	20 N	20	70	150	30	5 N	20 N	20 N	50	30	100 N	15	10 N	100	500
CH503	2.0	10 N	20 N	30	150	50	150	5 N	20 N	20 N	70	30	100	15	10 N	200	500
CH504	2.0	10 N	20 N	15	70	30	50	5 N	20 N	20 N	70	15	100	15	10 N	100	500
CH505	1.0	10 N	20 N	30	200	150	50	5 N	20 N	20 N	70	30	100	20	10 N	200	500
CH506	2.0	10 N	20 N	30	150	50	50	5 N	20 N	20 N	50	20	100	15	10 N	100	200
CH507	1.0	10 N	20 N	30	100	50	50	5 N	20 N	20 N	50	15	100	15	10 N	100	300
CH508	3.0	10 N	20 N	30	150	30	70	5 N	20 N	20 N	50	30	100	15	10 N	100	200
CH509	1.0	10 N	20 N	30	100	100	50	5 N	20 N	20 N	30	15	100 N	20	10 N	100	200
CH510	1.0	10 N	20 N	20	150	50	50	5 N	20 N	20 N	30	15	100	15	10 N	100 N	150
CH511	1.0	10 N	20 N	15	50	30	30	5 N	20 N	20 N	30	10	100 N	10	10 N	100 N	100
CH512	1.0	10 N	20 N	20	70	20	50	5 N	20 N	20 N	30	10	100 N	15	10 N	100	150
CH513	1.0	10 N	20 N	30	70	50	50	5 N	20 N	20 N	50	10	100 N	20	10 N	100	500
CH514	1.0	10 N	20 N	30	700	70	70	5 N	20 N	20 N	100	30	100 N	30	10 N	200	500
CH515	1.0	10 N	20 N	10	30	15	20 N	5 N	20 N	20 N	30	10	100 N	10	10 N	100	70
CH516	2.0	10 N	20 N	20	70	30	30	5 N	20 N	20 N	50	20	100 N	15	10 N	100	200
CH517	1.0	10 N	20 N	15	50	20	30	5 N	20 N	20 N	30	15	100 N	10	10 N	100	100
CH518	1.0	10 N	20 N	15	70	20	20	5 N	20 N	20 N	30	15	100 N	10	10 N	100	70
CH519	2.0	10 N	20 N	20	70	50	70	5 N	20 N	20 N	50	20	100 N	15	10 N	100	150
CH520	1.0	10 N	20 N	15	30	30	30	5 N	20 N	20 N	30	20	100 N	10	10 N	100	100
CH521	2.0	10 N	20 N	30	150	150	70	5 N	20 N	50	50	30	100	15	10 N	100	200
CH522	1.0	10 N	20 N	15	30	15	70	5 N	20 N	20	30	10	100 N	7	10 N	100 N	70
CH523	1.0	10 N	20 N	15	100	20	20	5 N	20 N	20	30	15	100 N	10	10 N	100	100
CH524	2.0	10 N	20 N	50	70	100	100	5 N	20 N	50	100	20	100 N	20	10 N	100	200

STREAM SEDIMENT SAMPLES FROM THE CHAROJAR QUADRANGLE, ALASKA--CONTINUED

SAMPLE	S-W	S-Y	S-ZN	S-ZR	AA-SI-P	AA-CU-P	AA-PB-P	AA-ZN-P	AA-AG-P	AA-SB-P	AA-AU-I	CM-AS	CM-SB	AAA-AU
CH484	50 N	20	200 N	200	.00 R	0.00 B	0 B	75	.00 B	1	0 B	10 N	0 B	0 B
CH485	50 N	70	200 N	1000 G	.00 B	0.00 A	0 A	30	.00 A	1	0 A	10 N	0 B	0 B
CH486	50 N	30	200 N	200	.00 B	0.00 B	0 B	75	.00 B	0 B	0 B	10 N	0 A	0 B
CH487	50 N	30	200 N	300	.00 A	0.00 B	0 A	55	.00 B	1	0 A	10 N	0 B	0 B
CH488	50 N	70	200 N	500	.00 A	0.00 B	0 A	45	.00 A	2	0 B	10 N	0 B	0 B
CH489	50 N	20	200 N	100	.00 B	0.00 B	0 B	50	.00 B	1	0 B	10 N	0 B	0 B
CH490	50 N	70	200 N	300	.00 B	0.00 B	0 B	55	.00 B	1	0 B	10 N	0 B	0 B
CH491	50 N	20	200 N	70	.00 A	0.00 B	0 A	70	.00 A	1	0 B	10 N	0 B	0 B
CH492	50 N	20	200 N	300	.00 B	0.00 B	0 B	60	.00 B	2	0 A	10 N	0 B	0 B
CH493	50 N	20	200 N	150	.00 B	0.00 A	0 A	50	.00 B	2	0 A	10 N	0 B	0 B
CH494	50 N	30	200 N	150	.00 A	0.00 B	0 B	55	.00 B	1	0 B	10 N	0 B	0 B
CH495	50 N	15	200 N	70	.00 B	0.00 B	0 B	0 H	.00 B	1	0 A	10 N	0 B	0 B
CH496	50 N	20	200 N	300	.00 B	0.00 B	0 B	55	.00 B	2	0 A	10 N	0 B	0 B
CH497	50 N	20	200 N	100	.00 B	0.00 B	0 B	120	.00 B	3	0 A	10 M	0 B	0 B
CH498	50 N	15	200 N	70	.00 B	0.00 A	0 B	100	.00 B	1	0 B	10 N	0 B	0 B
CH499	50 N	15	200 L	100	.00 A	0.00 B	0 B	170	.00 B	1	0 A	10 N	0 B	0 B
CH500	50 N	20	200 N	100	.00 B	0.00 B	0 B	120	.00 B	0 B	0 A	10 N	0 B	0 B
CH501	50 N	70	200 N	500	.00 B	0.00 B	0 B	70	.00 A	0 B	0 A	10 L	0 B	0 B
CH502	50 N	20	200	200	.00 B	0.00 B	0 B	210	.00 B	3	0 B	10 L	0 B	0 B
CH503	50 N	30	200	700	.00 B	0.00 B	0 B	120	.00 B	2	0 B	10 L	0 B	0 B
CH504	50 N	20	200	300	.00 B	0.00 B	0 B	110	.00 B	2	0 B	10 L	0 B	0 B
CH505	50 N	30	200	100	.00 B	0.00 B	0 B	150	.00 B	0 B	0 B	10 N	0 B	0 B
CH506	50 N	50	200 B	300	.00 A	0.00 B	0 B	140	.00 B	2	0 B	10 N	0 B	0 B
CH507	50 N	20	200 N	100	.00 B	0.00 B	0 B	110	.00 B	2	0 A	10 N	0 B	0 B
CH508	50 N	30	200	200	.00 B	0.00 B	0 B	120	.00 B	1	0 B	10 L	0 B	0 B
CH509	50 N	150	200 N	100	.00 A	0.00 B	0 B	100	.00 B	1	0 B	10 N	0 B	0 B
CH510	50 N	30	200 N	150	.00 A	0.00 B	0 B	110	.00 B	3	0 A	10	0 B	0 B
CH511	50 N	20	200 N	70	.00 B	0.00 B	0 B	120	.00 B	1	0 A	10 N	0 B	0 B
CH512	50 N	30	200 N	70	.00 A	0.00 B	0 B	65	.00 B	1	0 A	10 N	0 B	0 B
CH513	50 N	30	200 N	500	.00 B	0.00 B	0 B	90	.00 B	2	0 A	10 N	0 B	0 B
CH514	50 N	50	200 N	200	.00 B	0.00 B	0 B	110	.00 B	2	0 A	10 N	0 B	0 B
CH515	50 N	15	200 N	70	.00 B	0.00 B	0 B	50	.00 B	3	0 A	10 N	0 B	0 B
CH516	50 N	30	200 N	200	.00 B	0.00 B	0 B	95	.00 B	2	0 A	10 N	0 B	0 B
CH517	50 N	20	200 N	200	.00 A	0.00 B	0 B	100	.00 B	2	0 A	10 N	0 B	0 B
CH518	50 N	20	200 N	100	.00 B	0.00 B	0 B	80	.00 B	2	0 A	10 N	0 B	0 B
CH519	50 N	30	200 N	150	.00 B	0.00 B	0 B	130	.00 B	3	0 A	10 N	0 B	0 B
CH520	50 N	20	200 N	200	.00 B	0.00 B	0 B	80	.00 B	2	0 A	10 N	0 B	0 B
CH521	50 N	30	200	200	.00 B	0.00 B	0 B	140	.00 B	3	0 A	10 N	0 B	0 B
CH522	50 N	20	200 N	70	.00 A	0.00 B	0 B	75	.00 B	2	0 A	10 N	0 B	0 B
CH523	50 N	20	200	300	.00 B	0.00 B	0 B	50	.00 B	3	0 A	10 L	0 B	0 B
CH524	50 N	50	200 N	200	.00 B	0.00 B	0 B	210	.00 B	3	0 A	10 N	0 B	0 B

STREAM SEDIMENT SAMPLES FROM THE CHARLIAR QUADRANGLE, ALASKA--CONTINUED

SAMPLE	LATITUDE	LONGITUDE	N-FE%	S-XG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA
CH525	67 7 14	149 24 15	10.0	2.0	2.00	.70	1000	.5 N	200 N	10 N	150	700
CH526	67 19 23	149 30 37	10.0	2.0	1.00	.70	1000	.5 N	200 N	10 N	150	1000
CH527	67 4 35	149 20 30	10.0	2.0	10.00	.70	700	.5 N	200 N	10 N	20	1000
CH528	67 11 51	149 27 57	5.0	1.0	3.00	.50	700	.5 N	200 N	10 N	100	300
CH529	67 4 45	149 20 22	15.0	5.0	10.00	.70	1000	.5 N	200 N	10 N	10	1000
CH530	67 7 28	149 29 42	7.0	2.0	2.00	.70	1000	.5 N	200 N	10 N	300	300
CH531	67 2 21	149 20 47	5.0	2.0	3.00	.70	500	.5 N	200 N	10 N	10	700
CH532	67 5 25	149 24 3	10.0	5.0	16.00	.70	1000	.5 N	200 N	10 N	100	1000
CH533	67 2 3	149 3 47	10.0	2.0	10.00	.70	1000	.5 N	200 N	10 N	10	1000
CH534	67 0 20	149 29 8	10.0	2.0	10.00	.70	1000	.5 N	200 N	10 N	15	700
CH535	67 2 16	149 3 56	10.0	2.0	10.00	.70	1000	.5 N	200 N	10 N	10	1000
CH536	67 2 20	149 24 29	0.0 R	0.0 R	0.00 B	.00 B	0	.0 B	0 R	0 B	0 B	0 B
CH537	67 13 37	149 10 51	5.0	1.0	2.00	.50	1000	.5 N	200 N	10 N	150	300
CH538	67 2 42	149 2 54	15.0	5.0	20.00	.70	2000	.5 N	200 N	10 N	20	1000
CH539	67 9 12	149 16 51	10.0	5.0	5.00	.70	2000	.5 N	200 N	10 N	150	1000
CH540	67 11 36	149 16 23	5.0	0.7	1.50	.70	2000	.5 N	200 N	10 N	30	300
CH541	67 11 44	149 7 12	5.0	1.0	2.00	.50	1000	.5 N	200 N	10 N	50	300
CH542	67 10 14	149 13 22	15.0	10.0	15.00	1.00	3000	.5 N	200 N	10 N	100	1000
CH543	67 6 7	149 0 56	10.0	2.0	3.00	.50	1000	.5 N	200 N	10 N	50	500
CH544	67 12 44	149 3 46	5.0	1.0	1.00	.50	300	.5 N	200 N	10 N	150	300
CH545	67 6 11	149 4 37	10.0	7.0	10.00	.70	2000	.5 N	200 N	10 N	20	1000
CH546	67 3 56	149 2 44	10.0	5.0	5.00	.70	1000	.5 N	200 N	10 N	10	1000
CH547	67 9 5	149 2 56	15.0	7.0	10.00	1.00	2000	.5 N	200 N	10 N	10	3000
CH548	67 5 8	149 7 45	15.0	7.0	20.00	1.00	2000	.5 N	200 N	10 N	200	2000
CH549	67 11 11	148 55 56	10.0	2.0	5.00	1.00	1000	.5 N	200 N	10 N	10	2000
CH550	67 7 11	149 2 9	20.0	7.0	10.00	1.00	3000	.5 N	200 N	10 N	150	2000
CH551	67 12 5	148 53 21	7.0	1.0	2.00	1.00	1000	.5 N	200 N	10 N	100	700
CH552	67 12 32	148 55 54	7.0	1.0	2.00	1.00	1000	.5 N	200 N	10 N	100	300
CH553	67 9 15	148 52 28	15.0	2.0	5.00	1.00	3000	.5 N	200 N	10 N	200	1000
CH554	67 11 23	148 48 46	15.0	5.0	10.00	1.00	3000	.5 N	200 N	10 N	100	700
CH555	67 1 49	148 48 18	15.0	7.0	10.00	1.00	2000	.5 N	200 N	10 N	100	700
CH556	67 10 59	148 46 22	10.0	2.0	3.00	.70	2000	.5 N	200 N	10 N	150	700
CH557	67 1 49	148 47 57	15.0	3.0	10.00	.50	2000	.5 N	200 N	10 N	15	700
CH558	67 2 13	148 49 18	7.0	2.0	5.00	.50	1000	.5 N	200 N	10 N	10 L	1000
CH559	67 2 48	148 52 5	15.0	7.0	10.00	.70	1000	.5 N	200 N	10 N	20	700
CH560	67 3 36	148 49 5	10.0	3.0	10.00	.70	1000	.5 N	200 N	10 N	10 L	700
CH561	67 4 32	148 46 14	5.0	2.0	3.00	.70	1000	.5 N	200 N	10 N	10 L	500
CH562	67 4 54	148 46 48	10.0	2.0	5.00	.70	1000	.5 N	200 N	10 N	20	700
CH563	67 5 36	148 44 8	17.0	5.0	5.00	.70	1000	.5 N	200 N	10 N	10 L	700
CH564	67 7 45	148 41 53	10.0	7.0	10.00	.70	1000	.5 N	200 N	10 N	10	700
CH565	67 6 56	148 42 50	10.0	1.5	2.00	.70	2000	.5 N	200 N	10 N	100	300

STREAM SEDIMENT SAMPLES FROM THE CENADLAR QUADRANGLE, ALASKA--CONTINUED

SAMPLE	S-BE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-PI	S-PB	S-SH	S-SC	S-SW	S-SR	S-V
CH525	1.0	10 N	20 N	30	150	150	20	5 N	20	70	15	100 N	20	10 N	100	200
CH526	2.0	10 N	20 N	30	100	50	50	5 N	20	70	30	100 N	15	10 N	100	150
CH527	5.0	10 N	20 N	15	70	100	100	5 N	100	30	30	100 N	15	10 N	1000	100
CH528	1.0	10 N	20 N	10	30	15	30	5 N	20	30	10	100 N	7	10 N	100	70
CH529	5.0	10 N	20 N	20	200	30	70	5 N	20	50	30	100 N	30	10 N	700	100
CH530	1.0	10 N	20 N	15	70	20	20	5 N	20	30	15	100 N	15	10 N	150	70
CH531	5.0	10 N	20 N	15	30	15	100	5 N	70	20	30	100 N	10	10 N	500	70
CH532	5.0	10 N	20 N	15	150	30	70	5 N	20	30	30	100 N	20	10 N	700	200
CH533	5.0	10 N	20 N	15	70	15	70	5 N	20	30	30	100 N	15	10 N	1000	100
CH534	5.0	10 N	20 N	15	100	20	100	5 N	20	30	30	100 N	15	10 N	700	100
CH535	3.0	10 N	20 N	15	100	30	200	5 N	20	30	30	100 N	15	10 N	700	100
CH536	0.0	0 B	0 B	0 B	0 B	0 B	0 B	0 B	0 B	0 B	0 B	0 B	0 B	0 B	0 B	0 B
CH537	2.0	10 N	20 N	15	30	15	20	5 N	20	30	15	100 N	7	10 N	100	70
CH538	3.0	10 N	20 N	30	150	30	100	5 N	20	50	30	100 N	30	10 N	2000	150
CH539	3.0	10 N	20 N	20	150	30	70	5 N	20	50	30	100 N	30	10 N	500	150
CH540	1.0	10 N	20 N	15	30	10	20 N	5 N	20	30	10	100 N	7	10 N	100	70
CH541	1.0	10 N	20 N	10	30	15	20 N	5 N	20	30	15	100 N	7	10 N	100	70
CH542	2.0	10 N	20 N	20	200	30	70	5 N	50	50	30	100 N	20	10 N	300	200
CH543	2.0	10 N	20 N	15	70	30	20 N	5 N	20	30	20	100 N	15	10 N	300	100
CH544	1.0	10 N	20 N	15	30	15	50	5 N	20	30	10	100 N	15	10 N	100	70
CH545	3.0	10 N	20 N	20	200	30	70	5 N	20	70	20	100 N	7	10 N	500	150
CH546	2.0	10 N	20 N	15	70	15	50	5 N	20	30	30	100 N	10	10 N	700	100
CH547	2.0	10 N	20 N	15	70	20	100	5 N	20	30	30	100 N	15	10 N	3000	500
CH548	2.0	10 N	20 N	20	300	30	50	5 N	20	70	30	100 N	20	10 N	3000	500
CH549	3.0	10 N	20 N	10	30	5	70	5 N	20	15	30	100 N	10	10 N	1000	100
CH550	2.0	10 N	20 N	20	150	20	100	5 N	30	50	30	100 N	20	10 N	700	500
CH551	1.0	10 N	20 N	15	30	15	100	5 N	20	30	10	100 N	10	10 N	100	100
CH552	1.0	10 N	20 N	10	30	15	70	5 N	20	30	10	100 N	10	10 N	100	100
CH553	2.0	10 N	20 N	30	200	30	70	5 N	50	50	30	100 N	30	10 N	300	500
CH554	2.0	10 N	20 N	20	150	30	70	5 N	20	50	30	100 N	15	10 N	300	500
CH555	3.0	10 N	20 N	20	100	30	30	15	20	30	30	100 N	15	10 N	500	200
CH556	3.0	10 N	20 N	20	150	30	50	5 N	20	30	30	100 N	15	10 N	200	100
CH557	3.0	10 N	20 N	20	150	30	50	5 N	20	30	30	100 N	20	10 N	700	200
CH558	3.0	10 N	20 N	15	70	20	70	5 N	20	30	30	100 N	15	10 N	700	100
CH559	2.0	10 N	20 N	30	200	30	100	5 N	300	50	30	100 N	30	10 N	500	200
CH560	2.0	10 N	20 N	20	150	20	70	5 N	20	30	30	100 N	20	10 N	500	100
CH561	2.0	10 N	20 N	15	150	15	30	5 N	20	30	30	100 N	15	10 N	300	100
CH562	2.0	10 N	20 N	20	150	30	200	5 N	20	30	30	100 N	30	10 N	500	100
CH563	3.0	10 N	20 N	30	300	20	50	5 N	20 N	30	30	100	20	10 N	500	100
CH564	2.0	10 N	20 N	20	200	15	100	5 N	20	30	30	100	20	10 N	700	100
CH565	2.0	10 N	20 N	20	150	20	150	5 N	20	30	20	100 N	20	10 N	200	100

SAMPLE	S-W	S-Y	S-ZN	S-ZR	AA-AU-P	AA-CU-P	AA-PH-P	AA-ZN-P	AA-AJ-P	AA-SB-P	AA-AU-T	CH-AS	CH-SB	AAA-AU
CH525	50 N	20	200 N	70	.00 B	0.00 B	0 B	180	.00 H	10	0 H	20	0 B	0 B
CH526	50 N	30	200 N	200	.00 A	0.00 B	0 H	150	.00 H	3	U H	10 N	0 B	0 B
CH527	50 N	100	200 N	500	.00 A	0.00 B	0 A	80	.00 B	3	U A	10 N	0 B	0 B
CH528	50 N	20	200 N	70	.00 H	0.00 B	0 B	65	.00 A	3	0 B	10 N	0 B	0 B
CH529	50 N	30	200 N	300	.00 A	0.00 B	0 A	65	.00 B	2	0 B	10 N	0 B	0 B
CH530	50 N	20	200 N	70	.00 A	0.00 B	0 A	55	.00 H	3	0 H	10 N	0 B	0 B
CH531	50 N	50	200 N	150	.00 B	0.00 B	0 A	60	.00 B	3	0 B	10 N	0 B	0 B
CH532	50 N	50	200 N	150	.00 A	0.00 B	0 A	60	.00 B	2	0 A	10 N	0 B	0 B
CH533	50 N	70	200 N	300	.00 A	0.00 B	0 A	50	.00 A	2	0 A	10 N	0 B	0 B
CH534	50 N	50	200 N	300	.00 A	0.00 B	0 B	75	.00 A	2	0 A	10 L	0 B	0 B
CH535	50 N	50	200 N	300	.00 H	0.00 B	0 B	60	.00 B	0 B	0 H	10 L	0 B	0 B
CH536	0 B	0 B	0 B	0 B	.00 H	0.00 B	0 B	75	.00 B	0 B	0 B	0 B	0 B	0 B
CH537	50 N	20	200 N	200	.00 A	0.00 B	0 B	80	.00 H	2	0 B	10 N	0 B	0 B
CH538	50 N	50	200 N	70	.00 A	0.00 B	0 A	90	.00 B	3	0 B	10 N	0 B	0 B
CH539	50 N	30	200 N	200	.00 A	0.00 B	0 B	95	.00 B	2	0 B	10 N	0 B	0 B
CH540	50 N	15	200 N	100	.00 H	0.00 B	0 B	75	.00 H	2	0 A	10 N	0 B	0 B
CH541	50 N	20	200 N	70	.00 A	0.00 B	0 B	55	.00 B	2	0 A	10 N	0 B	0 B
CH542	50 N	150	200 N	500	.00 B	0.00 B	0 A	70	.00 B	3	0 H	10 N	0 B	0 B
CH543	50 N	20	200 N	100	.00 A	0.00 B	0 A	95	.00 B	2	0 A	10 N	0 B	0 B
CH544	50 N	20	200 N	100	.00 A	0.00 B	0 B	90	.00 B	2	0 A	10 N	0 B	0 B
CH545	50 N	30	200 N	500	.00 A	0.00 B	0 A	80	.00 A	4	0 B	10 N	0 B	0 B
CH546	50 N	30	200 N	100	.00 A	0.00 B	0 B	65	.00 A	2	0 B	10 N	0 B	0 B
CH547	50 N	70	200 N	500	.00 B	0.00 B	0 A	80	.00 A	2	0 B	10 N	0 B	0 B
CH548	50 N	150	200 N	700	.00 A	0.00 B	0 A	0 B	.00 A	0 B	0 B	10 N	0 B	0 B
CH549	50 N	50	200 N	200	.00 A	0.00 B	0 A	80	.00 H	2	0 A	10 N	0 B	0 B
CH550	50 N	100	200 L	500	.00 H	0.00 B	0 A	120	.00 A	0 B	0 B	0 N	0 B	0 B
CH551	50 N	20	200 N	200	.00 B	0.00 B	0 A	85	.00 B	2	0 B	10 N	0 B	0 B
CH552	50 N	20	200 N	200	.00 A	0.00 B	0 A	70	.00 B	2	0 A	10 N	0 B	0 B
CH553	50 N	50	200 N	200	.00 B	0.00 B	0 A	160	.00 B	2	0 B	10 N	0 B	0 B
CH554	50 N	30	200 N	200	.00 B	0.00 B	0 B	130	.00 B	0 B	0 A	10 N	0 B	0 B
CH555	50 N	30	200 N	700	.00 A	0.00 B	0 A	190	.00 B	0 B	0 A	10 N	0 B	0 B
CH556	50 N	30	200 N	200	.00 A	0.00 B	0 A	65	.00 B	0 B	0 A	0 B	0 B	0 B
CH557	50 N	50	200 N	200	.00 B	0.00 B	0 B	30	.00 A	2	0 A	10 N	0 B	0 B
CH558	50 N	50	200 N	100	.00 A	0.00 B	0 A	55	.00 B	2	0 A	10 N	0 B	0 B
CH559	50 N	150	200 N	70	.00 A	0.00 B	0 A	60	.00 B	0 B	0 A	10 N	0 B	0 B
CH560	50 N	50	200 N	200	.00 H	0.00 B	0 B	50	.00 A	2	0 A	10 N	0 B	0 B
CH561	50 N	30	200 N	70	.00 A	0.00 B	0 A	50	.00 A	2	0 A	10 N	0 B	0 B
CH562	50 N	70	200 N	200	.00 B	0.00 B	0 B	70	.00 A	1	0 A	10 N	0 B	0 B
CH563	50 N	30	200 N	70	.00 A	0.00 B	0 A	50	.00 H	1	0 B	10 N	0 B	0 B
CH564	50 N	70	200 N	100	.00 A	0.00 B	0 A	35	.00 A	1	0 A	10 N	0 B	0 B
CH565	50 N	70	200 N	100	.00 A	0.00 B	0 A	90	.00 B	2	0 A	10 N	0 B	0 B

STREAM SEDIMENT SAMPLES FROM THE CHAROLAR QUADRANGLE, ALASKA--CONTINUED

SAMPLE	LATITUDE	LONGITUDE	S-PEX	S-MG%	S-CA%	S-IL%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA
CH566	67 11 4	148 31 12	10.0	5.0	20.00	1.00	2000	.5 N	200 N	10 N	20	500
CH567	67 9 2	148 40 21	7.0	1.5	3.00	.70	1000	.5 N	200 N	10 N	10	700
CH568	67 12 23	148 19 49	10.0	1.5	2.00	.70	1000	.5 N	200 N	10 N	150	300
CH569	67 11 59	148 35 43	3.0	1.0	3.00	.50	500	.5 N	200 N	10 N	150	500
CH570	67 8 45	148 20 41	10.0	2.0	3.00	.70	1000	.5 N	200 N	10 N	100	500
CH571	67 13 0	148 16 54	10.0	2.0	1.00	.70	500	.5 N	200 N	10 N	150	500
CH572	67 7 41	148 22 36	5.0	1.5	4.00	.50	700	.5 N	200 N	10 N	150	300
CH573	67 10 24	148 27 23	10.0	2.0	5.00	.70	2000	.5 N	200 N	10 N	70	500
CH574	67 7 28	148 22 10	7.0	2.0	5.00	.70	1000	.5 N	200 N	10 N	10 L	300
CH575	67 8 12	148 27 52	10.0	1.5	3.00	1.00	2000	.5 N	200 N	10 N	20	300
CH576	67 5 30	148 24 10	0.0 H	0.0 B	0.00 H	.00 B	0 B	.0 B	0 H	0 H	0 B	0 B
CH577	67 6 37	148 23 11	15.0	5.0	10.00	.70	2000	.5 N	200 N	10 N	10	2000
CH578	67 5 22	148 24 18	15.0	5.0	10.00	1.00	5000	.5 N	200 N	10 N	150	300
CH579	67 6 21	148 30 59	15.0	3.0	10.00	.70	2000	.5 N	200 N	10 N	10	200
CH580	67 0 25	148 26 30	15.0	3.0	10.00	1.00	2000	.5 N	200 N	10 N	30	500
CH581	67 0 24	148 32 31	10.0	3.0	5.00	.70	1000	.5 N	200 N	10 N	10	1000
CH582	67 0 16	148 17 40	5.0	2.0	3.00	.70	500	.5 N	200 N	10 N	20	300
CH583	67 0 20	148 21 24	15.0	3.0	5.00	.70	3000	.5 N	200 N	10 N	100	300
CH584	67 0 24	148 6 36	15.0	2.0	5.00	1.00 G	3000	.5 N	200 N	10 N	150	300
CH585	67 0 11	148 12 20	3.0	1.0	3.00	.50	300	.5 N	200 N	10 N	10 L	500
CH586	67 6 23	148 9 48	10.0	2.0	3.00	.70	1000	.5 N	200 N	10 N	200	300
CH587	67 0 34	148 2 7	10.0	2.0	2.00	.70	700	.5 N	200 N	10 N	10	300
CH588	67 6 25	148 9 6	3.0	1.0	2.00	.70	150	.5 N	200 N	10 N	200	200
CH589	67 6 39	148 2 58	10.0	1.0	7.00	.70	1000	.5 N	200 N	10 N	150	300
CH590	67 8 29	148 9 51	10.0	2.0	10.00	.70	1000	.5 N	200 N	10 N	30	300
CH591	67 8 0	148 12 52	10.0	3.0	10.00	.70	1000	.5 N	200 N	10 N	30	300
CH592	67 8 17	148 15 38	7.0	2.0	5.00	.50	3000	.5 N	200 N	10 N	100	700
CH593	67 12 46	148 9 1	3.0	0.5	1.00	.10	300	.5 N	200 N	10 N	50	300
CH594	67 11 51	147 48 37	7.0	1.5	3.00	.70	1000	.5 N	200 N	10 N	150	500
CH595	67 13 59	147 53 47	10.0	2.0	5.00	.70	3000	.5 N	200 N	10 N	150	700
CH596	67 11 30	147 36 7	7.0	1.0	2.00	.70	500	.5 N	200 N	10 N	150	300
CH597	67 13 55	147 41 53	15.0	2.0	20.00	1.00	2000	.5 N	200 N	10 N	100	700
CH598	67 6 25	147 38 43	5.0	1.0	2.00	.50	300	.5 N	200 N	10 N	150	300
CH599	67 11 21	147 32 7	15.0	2.0	1.00	.70	500	.5 N	200 N	10 N	200	300
CH600	67 4 54	147 35 31	7.0	1.0	1.50	.70	300	.5 N	200 N	10 N	150	300
CH601	67 6 2	147 31 15	7.0	1.0	1.50	.70	300	.5 N	200 N	10 N	100	200
CH602	67 0 47	147 32 32	5.0	2.0	5.00	.50	1000	.5 N	200 N	10 N	150	500
CH603	67 0 3	147 37 30	5.0	1.0	2.00	.50	300	.5 N	200 N	10 N	150	300
CH604	67 0 34	147 32 3	7.0	2.0	5.00	.50	5000	.5 N	200 N	10 N	150	500
CH605	66 59 31	147 45 29	3.0	1.0	2.00	.50	500	.5 N	200 N	10 N	150	300
CH606	67 0 12	147 51 53	10.0	2.0	2.00	.50	500	.5 N	200 N	10 N	200	300

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SAMPLE	S-BE	S-BI	S-CD	S-CO	S-CH	S-CU	S-LA	S-MO	S-RB	S-SI	S-PB	S-SR	S-SC	S-SN	S-SR	S-SY
CH566	2.0	10 N	20 N	20	100	20	50	5 N	20	30	30	100 N	20	10 N	700	200
CH567	2.0	10 N	20 N	15	100	300	500	5 N	50	30	30	100 N	15	10 N	300	70
CH568	1.0	10 N	20 N	15	100	15	70	5 N	20	30	10	100 N	15	10 N	200	100
CH569	1.0	10 N	20 N	15	50	30	50	5 N	20	15	15	100 N	10	10 N	200	70
CH570	1.0	10 N	20 N	15	70	30	70	5 N	20	30	20	100 N	20	10 N	300	100
CH571	1.0	10 N	20 N	15	150	15	100	5 N	50	30	10	100 N	15	10 N	100	100
CH572	1.0	10 N	20 N	15	70	30	30	5 N	20	30	15	100 N	15	10 N	100	70
CH573	1.0	10 N	20 N	15	100	15	100	5 N	20	30	20	100 N	30	10 N	200	100
CH574	1.0	10 N	20 N	15	150	20	30	5 N	20	30	15	100 N	20	10 N	200	100
CH575	1.0	10 N	20 N	15	500	15	30	5 N	50	30	15	200	20	10 N	100	100
CH576	1.0 R	0 B	0 R	0 B	0 R	0 B	0 H	0 R	0 B	0 B	0 B	0 R	0 H	0 B	0 B	0 B
CH577	1.0	10 N	20 N	15	150	20	70	5 N	20	30	50	100 N	15	10 N	300	100
CH578	1.0	10 N	20 N	15	200	30	70	5 N	50	30	15	100	30	10 N	200	150
CH579	1.0	10 N	20 N	20	200	15	20	5 N	20 N	30	15	100 N	20	10 N	300	100
CH580	1.0	10 N	20 R	20	200	15	150	5 N	20	30	30	100 N	30	10 N	500	100
CH581	2.0	10 N	20 N	15	100	15	70	5 N	30	30	50	100 N	20	10 N	700	100
CH582	2.0	10 N	20 N	15	70	15	50	5 N	20	30	20	100 N	10	10 N	300	70
CH583	2.0	10 N	20 N	20	150	20	50	7	20	30	20	100 N	20	10 N	300	100
CH584	1.0	10 N	20 N	15	100	15	70	5 N	100	30	20	100 N	30	10 N	300	200
CH585	2.0	10 N	20 N	10	30	10	50	5 N	20	30	15	100 N	7	10 N	200	70
CH586	1.0	10 N	20 N	15	150	10	20	5 N	20	30	20	100 N	30	10 N	300	100
CH587	1.0	10 N	20 N	15	50	15	50	5 N	20	30	20	100 N	15	10 N	200	70
CH588	1.0	10 N	20 N	10	150	10	20	5 N	20	30	15	100 N	10	10 N	100	70
CH589	1.0	10 N	20 N	15	70	5	50	5 N	50	30	15	100 N	15	10 N	100	70
CH590	1.0	10 N	20 N	20	200	15	500	5 N	70	50	20	100 N	20	10 N	500	100
CH591	1.0	10 N	20 N	20	200	30	70	30	20	50	20	100 N	20	10 N	500	100
CH592	2.0	10 N	20 N	15	70	20	20	5 N	20 H	30	15	100 N	10	10 N	300	70
CH593	1.0	10 N	20 N	10	50	20	20	5 N	20 N	30	15	100 N	7	10 N	100	70
CH594	1.0	10 N	20 N	15	70	30	20	5 N	20	30	30	100 N	15	10 N	100	100
CH595	1.0 L	10 N	20 N	30	150	15	20	5 N	20	30	20	100 N	15	10 N	150	200
CH596	1.0	10 N	20 N	30	70	30	20	5 N	20 N	30	15	100 N	10	10 N	100	100
CH597	1.0 L	10 N	20 N	30	150	30	30	5 N	20	30	15	100 N	30	10 N	300	500
CH598	1.0	10 N	20 N	15	100	20	20	5 N	20	30	20	100 N	7	10 N	100	70
CH599	1.0	10 N	20 N	20	150	30	70	5 N	50	30	20	100 N	10	10 N	100	100
CH600	2.0	10 N	20 N	15	30	15	50	5 N	20	20	15	100 N	7	10 N	100	70
CH601	1.0 L	10 N	20 N	15	50	10	30	5 N	20	30	10	100 N	7	10 N	100	70
CH602	3.0	10 N	20 N	15	50	20	70	5 N	50	30	30	100 N	15	10 N	500	70
CH603	2.0	10 N	20 N	15	50	20	150	5 N	20	30	30	100 N	7	10 N	150	70
CH604	3.0	10 N	20 N	20	70	20	150	5 N	50	30	50	100 N	15	10 N	300	100
CH605	2.0	10 N	20 N	10	30	15	70	5 N	20	30	30	100 N	7	10 N	150	70
CH606	2.0	10 N	20 N	15	100	30	50	5 N	20	30	20	100 N	15	10 N	200	100

STREAM SEDIMENT SAMPLES FROM THE CHARLAK QUADRANGLE, ALASKA--CONTINUED

SAMPLE	S-W	S-Y	S-ZN	S-ZR	AA-AU-P	AA-CU-P	AA-PH-P	AA-ZN-P	AA-AG-P	AA-SB-P	AA-AU-T	CM-AS	CM-SB	AAA-AU
CH556	50 N	50	200 N	200	.00 B	0.00 H	0 H	40	.00 H	1	0 B	10 M	0 B	0 B
CH557	50 N	50	200 N	100	.00 B	0.00 B	0 B	55	.00 H	2	0 H	10 N	0 B	0 B
CH558	50 N	20	200 N	100	.00 B	0.00 B	0 H	60	.00 A	2	0 B	10 N	0 B	0 B
CH559	50 N	20	200 N	100	.00 B	0.00 B	0 H	100	.00 B	1	0 H	10 N	0 B	0 B
CH570	50 N	30	200 N	100	.00 B	0.00 B	0 H	65	.00 B	2	0 B	10 M	0 B	0 B
CH571	50 N	30	200 N	200	.00 A	0.00 H	0 B	75	.00 B	2	0 H	10 N	0 B	0 B
CH572	50 N	30	200 N	200	.00 B	0.00 B	0 B	120	.00 B	2	0 H	10 N	0 B	0 B
CH573	50 N	50	200 N	700	.00 B	0.00 B	0 H	35	.00 B	2	0 B	10 M	0 B	0 B
CH574	50 N	30	200 N	100	.00 B	0.00 B	0 H	55	.00 B	2	0 H	10 M	0 B	0 B
CH575	50 N	30	200 N	300	.00 B	0.00 H	0 B	30	.00 B	2	0 H	10 N	0 B	0 B
CH576	0 B	0 B	0 B	0 B	.00 B	0.00 H	0 H	30	.00 B	0 B	0 B	0 B	0 B	0 B
CH577	50 N	50	200 N	200	.00 B	0.00 B	0 H	40	.00 A	0 B	0 H	10 N	0 B	0 B
CH578	50 N	100	200 N	70	.00 B	0.00 H	0 B	40	.00 B	2	0 H	10 M	0 B	0 B
CH579	50 N	50	200 N	70	.00 B	0.00 B	0 B	20	.00 A	2	0 H	10 M	0 B	0 B
CH580	50 N	70	200 N	500	.00 B	0.00 B	0 B	40	.00 B	2	0 B	10 M	0 B	0 B
CH581	50 N	30	200 N	150	.00 B	0.00 B	0 B	50	.00 B	2	0 H	10 M	0 B	0 B
CH582	50 N	30	200 N	70	.00 A	0.00 B	0 B	35	.00 A	1	0 H	10 M	0 B	0 B
CH583	50 N	30	200 N	70	.00 A	0.00 H	0 B	50	.00 B	2	0 H	10 M	0 B	0 B
CH584	50 N	150	200 N	300	.00 A	0.00 A	0 B	35	.00 B	2	0 B	10 M	0 B	0 B
CH585	50 N	50	200 N	200	.00 A	0.00 B	0 B	20	.00 B	1	0 B	10 M	0 B	0 B
CH586	50 N	30	200 N	70	.00 B	0.00 B	0 B	40	.00 B	2	0 B	10 M	0 B	0 B
CH587	50 N	30	200 N	70	.00 B	0.00 H	0 H	60	.00 B	2	0 B	10 M	0 B	0 B
CH588	50 N	30	200 N	50	.00 B	0.00 B	0 H	15	.00 B	1	0 B	10 M	0 B	0 B
CH589	50 N	100	200 N	150	.00 B	0.00 B	0 B	25	.00 H	1	0 H	10 N	0 B	0 B
CH590	50 N	100	200 N	500	.00 A	0.00 H	0 B	40	.00 B	2	0 B	10 N	0 B	0 B
CH591	50 N	30	200 N	100	.00 A	0.00 B	0 B	40	.00 H	2	0 B	10 N	0 B	0 B
CH592	50 N	30	200 N	70	.00 B	0.00 H	0 B	70	.00 A	2	0 H	10 N	0 B	0 B
CH593	50 N	15	200 N	70	.00 A	0.00 B	0 H	90	.00 B	2	0 H	10 M	0 B	0 B
CH594	50 N	30	200 N	100	.00 A	0.00 H	0 H	95	.00 B	5	0 B	10 M	0 B	0 B
CH595	50 N	20	200 N	70	.00 A	0.00 B	0 B	110	.00 H	0 B	0 A	10 N	0 B	0 B
CH596	50 N	15	200 N	200	.00 B	0.00 H	0 B	45	.00 B	2	0 B	10 L	0 B	0 B
CH597	50 N	50	200 N	100	.00 A	0.00 H	0 B	70	.00 B	2	0 H	10 M	0 B	0 B
CH598	50 N	15	200 N	150	.00 B	0.00 H	0 H	60	.00 B	2	0 H	10 M	0 B	0 H
CH599	50 N	30	200 L	150	.00 B	0.00 A	0 B	75	.00 B	2	0 B	10 N	0 B	0 B
CH600	50 N	30	200 N	500	.00 B	0.00 B	0 H	70	.00 A	2	0 H	10 N	0 B	0 B
CH601	50 N	15	200 N	100	.00 B	0.00 H	0 B	60	.00 B	2	0 H	10 M	0 B	0 B
CH602	50 N	30	200 N	200	.00 B	0.00 H	0 B	45	.00 H	0 H	0 B	0 B	0 B	0 B
CH603	50 N	20	200 N	200	.00 B	0.00 B	0 H	60	.00 H	2	0 H	10 M	0 B	0 B
CH604	50 N	20	200 N	300	.00 B	0.00 B	0 H	55	.00 B	3	0 H	10 M	0 B	0 B
CH605	50 N	30	200 N	70	.00 B	0.00 H	0 B	40	.00 H	2	0 B	10 M	0 B	0 B
CH606	50 N	20	200 N	200	.00 B	1.00 H	0 B	70	.00 H	3	0 H	10 L	0 B	0 B

STEAM SEDIMENT SAMPLES FROM THE CHA DEAR QUADRANGLE, ALASKA--CONTINUED

SAMPLE	LATITUDE	LONGITUDE	S-FE%	S-G%	S-CA%	S-TI%	S-H%	S-AG	S-AS	S-AU	S-B	S-BA
CH607	67 0 14	147 58 0	10.0	2.0	2.00	.70	500	.5 N	200 N	10 N	200	500
CH608	67 5 35	147 46 32	5.0	2.0	2.00	.50	500	.5 N	200 N	10 N	150	300
CH609	67 4 5	147 51 34	7.0	1.0	1.00	.50	700	.5 N	200 N	10 N	100	300
CH610	67 8 16	147 54 59	7.0	1.5	3.00	.70	700	.5 N	200 N	10 N	150	300
CH611	67 3 47	147 51 10	10.0	1.5	2.00	.70	700	.5 N	200 N	10 N	150	500
CH612	67 10 46	147 55 24	10.0	1.0	2.00	.50	2000	.5 N	200 N	10 N	100	700
CH613	67 6 56	147 53 23	15.0	2.0	10.00	1.00	5000	.5 N	200 N	10 N	150	500
CH614	67 5 57	147 24 52	10.0	1.5	2.00	1.00	2000	.5 N	200 N	10 N	150	300
CH615	67 6 2	147 23 27	15.0	1.5	2.00	1.00	3000	.5 N	200 N	10 N	150	300
CH616	67 5 34	147 18 12	5.0	1.0	2.00	.50	300	.5 N	200 N	10 N	100	300
CH617	67 0 42	147 21 37	5.0	1.0	3.00	.50	1000	.5 N	200 N	10 N	150	300
CH618	67 6 43	147 12 23	5.0	2.0	2.00	.50	500	.5 N	200 N	10 N	150	300
CH619	67 0 28	147 21 7	3.0	0.7	1.00	.20	200	.5 N	200 N	10 N	100	300
CH620	67 6 32	147 5 8	5.0	1.0	2.00	.50	300	.5 N	200 N	10 N	200	500
CH621	67 2 53	147 9 42	7.0	1.0	1.00	.70	300	.5 N	200 N	10 N	150	500
CH622	67 10 1	147 0 33	5.0	1.0	2.00	.70	1000	.5 N	200 N	10 N	100	30
CH623	67 4 11	147 9 21	15.0	2.0	2.00	1.00	1000	.5 N	200 N	10 N	150	2000
CH624	67 14 35	147 5 30	15.0	2.0	2.00	.70	500	.5 N	200 N	10 N	150	2000
CH625	67 11 54	147 1 13	10.0	1.5	1.00	.70	3000	.5 N	200 N	10 N	700	500
CH626	67 13 57	147 6 44	10.0	2.0	1.00	.70	300	.5 N	200 N	10 N	200	700
CH627	67 13 6	147 10 36	10.0	1.5	1.50	.70	300	.5 N	200 N	10 N	300	500
CH628	67 10 18	147 17 12	15.0	1.5	1.00	.70	500	.5 N	200 N	10 N	500	300
CH629	67 12 14	147 13 37	15.0	1.5	1.50	.70	500	.5 N	200 N	10 N	200	500
CH630	67 9 25	147 8 34	7.0	1.0	1.00	.70	300	.5 N	200 N	10 N	500	300
CH631	67 9 46	147 15 52	15.0	2.0	2.00	.70	500	.5 N	200 N	10 N	300	700
CH632	67 9 29	147 9 29	10.0	2.0	2.00	.70	700	.5 N	200 N	10 N	500	500
CH633	67 10 15	147 19 57	10.0	2.0	1.00	.50	300	.5 N	200 N	10 N	200	500
CH634	67 28 58	149 2 59	7.0	1.0	2.00	.70	300	.5 N	200 N	10 N	30	300
CH635	67 9 7	147 24 1	10.0	2.0	10.00	1.00	1000	.5 N	200 N	10 N	10	300
CH636	67 27 20	149 5 48	10.0	2.0	1.50	1.00	500	.5 N	200 N	10 N	200	300
CH637	67 9 50	147 29 58	15.0	2.0	1.50	1.00	1000	.5 N	200 N	10 N	500	500
CH638	67 25 14	149 7 36	15.0	1.5	1.50	.50	300	.5 N	200 N	10 N	150	1000
CH639	67 29 48	149 2 4	10.0	2.0	5.00	.70	1000	.5 N	200 N	10 N	10	700
CH640	67 23 17	149 8 50	15.0	1.5	2.00	.70	300	.5 N	200 N	10 N	150	1000
CH641	67 27 20	149 1 45	10.0	1.5	5.00	.70	3000	.5 N	200 N	10 N	150	300
CH642	67 23 18	149 15 15	10.0	1.5	2.00	.70	1000	.5 N	200 N	10 N	150	500
CH643	67 27 37	149 0 57	7.0	1.5	5.00	.50	500	.5 N	200 N	10 N	100	300
CH644	67 20 30	149 16 31	10.0	1.5	1.00	1.00	300	.5 N	200 N	10 N	150	700
CH645	67 25 32	149 5 4	10.0	1.5	5.00	.70	1000	.5 N	200 N	10 N	10	500
CH646	67 23 6	149 27 0	10.0	2.0	.50	1.00	300	.5 N	200 N	10 N	150	500
CH647	67 24 52	149 10 49	10.0	2.0	.70	1.00	300	.5 N	200 N	10 N	150	500

SIPEAH SEDIMENT SAMPLES FROM THE CHANULAR QUADRANGLE, ALASKA--CONTINUED

SAMPLE	S-BE	S-BI	S-CD	S-CO	S-CH	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR	S-V
CH607	1.0	10 N	20 N	20	150	30	50	5 N	50	30	20	100 N	20	10 N	150	100
CH608	1.0	10 N	20 N	15	70	30	100	5 N	20	30	30	100 N	10	10 N	200	70
CH609	1.0	10 N	20 N	15	70	30	30	5 N	20	30	20	100 N	10	10 N	100	70
CH610	1.0	10 N	20 N	15	70	20	70	5 N	20	30	30	100 N	10	10 N	300	70
CH611	1.0	10 N	20 N	15	100	20	30	5 N	20	30	15	100 N	10	10 N	200	70
CH612	1.0	10 N	20 N	20	70	50	50	5 N	20	30	20	100 N	10	10 N	200	100
CH613	1.0	10 N	20 N	15	100	30	50	5 N	20	30	30	100 N	15	10 N	500	200
CH614	1.0	10 N	20 N	15	100	15	200	5 N	100	30	30	100 N	10	10 N	200	100
CH615	1.0	10 N	20 N	15	150	30	200	5 N	100	30	30	100 N	15	10 N	200	100
CH616	1.0	10 N	20 N	15	30	15	50	5 N	50	30	30	100 N	7	10 N	200	70
CH617	2.0	10 N	20 N	15	70	20	50	5 N	20	30	30	100 N	7	10 N	150	70
CH618	2.0	10 N	20 N	15	100	15	20	5 N	20	30	20	100 N	10	10 N	300	70
CH619	1.0	10 N	20 N	15	50	30	50	5 N	20	30	20	100 N	7	10 N	100	70
CH620	1.0	10 N	20 N	15	70	30	50	5 N	20	30	30	100 N	7	10 N	200	100
CH621	2.0	10 N	20 N	15	70	15	50	5 N	20	30	15	100 N	7	10 N	100	100
CH622	1.0	10 N	20 N	15	70	20	50	5 N	20	30	15	100 N	7	10 N	100	70
CH623	1.0	10 N	20 N	20	200	50	50	5 N	50	50	30	100 N	20	10 N	200	300
CH624	1.0	10 N	20 N	15	150	30	70	5 N	20	30	30	100 N	15	10 N	200	200
CH625	2.0	10 N	20 N	30	100	30	150	5 N	20	50	30	100 N	15	10 N	200	200
CH626	2.0	10 N	20 N	20	150	30	50	5 N	50	50	30	100 N	15	10 N	100	100
CH627	1.0	10 N	20 N	15	100	30	20	5 N	20	50	30	100 N	15	10 N	200	100
CH628	2.0	10 N	20 N	15	100	20	100	5 N	20	30	20	100 N	15	10 N	100	100
CH629	2.0	10 N	20 N	15	150	30	70	5 N	50	30	30	100 N	15	10 N	150	100
CH630	1.0	10 N	20 N	15	70	20	50	5 N	20	30	30	100 N	7	10 N	100	70
CH631	3.0	10 N	20 N	20	150	50	70	5 N	70	50	50	100	15	10 N	300	100
CH632	3.0	10 N	20 N	15	100	30	70	5 N	20	50	30	100 N	15	10 N	300	100
CH633	2.0	10 N	20 N	15	100	30	20	5 N	20	50	30	100 L	15	10 N	100	100
CH634	2.0	10 N	20 N	15	30	15	50	5 N	20	30	20	100 N	10	10 N	100	70
CH635	1.0	10 N	20 N	20	70	30	70	5 N	20	50	30	100 N	30	10 N	300	200
CH636	2.0	10 N	20 N	15	70	30	70	5 N	50	30	15	100 N	10	10 N	100	100
CH637	2.0	10 N	20 N	20	150	30	70	5 N	20	50	30	100 N	15	10 N	300	100
CH638	2.0	10 N	20 N	20	70	30	20	5 N	20	50	30	100 N	10	10 N	100	100
CH639	2.0	10 N	20 N	15	50	20	50	5 N	20	30	30	100 N	15	10 N	200	100
CH640	1.0	10 N	20 N	15	100	50	50	5 N	20	50	30	100 N	15	10 N	100	100
CH641	2.0	10 N	20 N	15	50	20	70	5 N	20	30	30	100 N	20	10 N	100	70
CH642	1.0	10 N	20 N	50	100	50	70	5 N	20	100	15	100 N	15	10 N	100	100
CH643	1.0	10 N	20 N	15	50	15	30	5 N	20 N	30	20	100 N	15	10 N	200	70
CH644	1.0	10 N	20 N	15	100	50	50	5 N	20	50	30	100 N	15	10 N	100	100
CH645	1.0	10 N	20 N	15	50	20	30	5 N	20 N	30	20	100 N	15	10 N	200	100
CH646	1.0	10 N	20 N	15	100	50	70	5 N	30	30	30	100	10	10 N	100	100
CH647	1.0	10 N	20 N	15	100	100	70	5 N	30	30	20	100	15	10 N	100	100

SAMPLE	S-W	S-Y	S-ZN	S-ZP	AA-ZU-P	AF-CU-P	AA-PR-P	AA-ZH-P	AA-AG-P	AA-SB-P	AA-AL-T	CH-AS	CH-SB	AAA-U
CH607	50 N	30	200 N	200	.00 H	0.00 H	0 R	70	.00 H	2	0 B	10 N	0 B	0 B
CH608	50 N	30	200 N	70	.00 B	0.00 H	0 B	0 B	.00 B	2	0 H	10 N	0 B	0 B
CH609	50 N	15	200 N	200	.00 B	0.00 F	0 B	90	.00 H	2	0 B	10 N	0 B	0 B
CH610	50 N	30	200 N	150	.00 R	0.00 H	0 B	50	.00 B	2	0 H	10 N	0 B	0 H
CH611	50 N	20	200 N	200	.00 R	0.00 B	0 B	65	.00 B	2	0 B	10 N	0 B	0 B
CH612	50 N	20	200 N	100	.00 R	0.00 H	0 B	95	.00 B	2	0 H	10 L	0 B	0 B
CH613	50 N	30	200 N	150	.00 R	0.00 H	0 B	60	.00 B	2	0 H	10 N	0 H	0 B
CH614	50 N	150	200 N	200	.00 B	0.00 H	0 B	70	.00 B	2	0 B	10 M	0 B	0 B
CH615	50 N	70	200 N	700	.00 H	0.00 H	0 B	70	.00 B	2	0 B	10 N	0 B	0 B
CH616	50 N	30	200 N	200	.00 R	0.00 H	0 B	60	.00 B	2	0 B	10 N	0 B	0 B
CH617	50 N	20	200 N	200	.00 B	0.00 H	0 B	60	.00 B	3	0 B	10 N	0 B	0 B
CH618	50 N	100	200 N	200	.00 H	0.00 H	0 B	60	.00 B	2	0 B	10 N	0 B	0 B
CH619	50 N	15	200 N	200	.00 B	0.00 H	0 B	75	.00 B	3	0 B	10 N	0 B	0 B
CH620	50 N	20	200 N	200	.00 B	0.00 B	0 B	75	.00 B	2	0 B	10 L	0 B	0 B
CH621	50 N	20	200 N	100	.00 R	0.00 H	0 B	80	.00 B	2	0 B	10	0 B	0 B
CH622	50 N	15	200 N	200	.00 R	0.00 H	0 H	85	.00 B	2	0 B	10 N	0 B	0 B
CH623	50 N	15	200 N	200	.00 B	0.00 H	0 R	100	.00 B	2	0 B	10 N	0 B	0 B
CH624	50 N	50	200 N	200	.00 B	0.00 F	0 B	80	.00 B	2	0 B	10 N	0 H	0 B
CH625	50 N	20	200 N	200	.00 R	0.00 B	0 B	90	.00 B	2	0 B	10 N	0 B	0 B
CH626	50 N	100	200 N	150	.00 B	0.00 B	0 R	80	.00 B	2	0 B	10 N	0 B	0 B
CH627	50 N	15	200 N	200	.00 H	0.00 H	0 B	70	.00 B	2	0 B	10 N	0 B	0 B
CH628	50 N	30	300	200	.00 H	0.00 H	0 B	50	.00 B	2	0 B	10 N	0 B	0 B
CH629	50 N	30	200 N	300	.00 B	0.00 F	0 B	40	.00 B	2	0 B	10 M	0 B	0 B
CH630	50 N	20	200 N	100	.00 B	0.00 H	0 B	80	.00 B	2	0 B	10 N	0 B	0 B
CH631	50 N	500	200 N	200	.00 B	0.00 H	0 B	90	.00 B	2	0 B	10 N	0 B	0 B
CH632	50 N	50	200 N	200	.00 B	0.00 F	0 R	75	.00 B	1	0 H	10 N	0 B	0 B
CH633	50 N	15	200 N	150	.00 R	0.00 F	0 R	60	.00 B	1	0 B	10 N	0 B	0 B
CH634	50 N	50	200 N	100	.00 R	0.00 H	0 B	60	.00 B	1	0 B	10 N	0 B	0 B
CH635	50 N	70	200 N	100	.00 R	0.00 H	0 R	70	.00 B	1	0 B	10 L	0 B	0 B
CH636	50 N	30	200 N	100	.00 B	0.00 H	0 R	50	.00 B	1	0 B	10 N	0 B	0 B
CH637	50 N	20	200 N	100	.00 H	0.00 F	0 R	40	.00 B	2	0 H	10 N	0 B	0 B
CH638	50 N	20	200 N	100	.00 H	0.00 H	0 H	120	.00 B	1	0 H	10 N	0 B	0 B
CH639	50 N	70	200 N	100	.00 R	0.00 H	0 B	55	.00 B	1	0 B	10 L	0 B	0 B
CH640	50 N	30	200 N	70	.00 H	0.00 B	0 R	140	.00 H	2	0 H	10 L	0 B	0 B
CH641	50 N	70	200 N	150	.00 H	0.00 F	0 R	85	.00 B	1	0 H	10 L	0 B	0 B
CH642	50 N	30	200 N	100	.00 H	0.00 F	0 R	260	.00 B	1	0 H	10 L	0 B	0 B
CH643	50 N	50	200 N	150	.00 H	0.00 F	0 H	40	.00 B	1	0 H	10 N	0 B	0 B
CH644	50 N	20	200 N	100	.00 R	0.00 B	0 H	120	.00 B	1	0 B	10 L	0 B	0 B
CH645	50 N	30	200 N	100	.00 H	0.00 B	0 R	55	.00 H	1	0 B	10 L	0 B	0 B
CH646	50 N	20	200 N	150	.00 H	0.00 H	0 H	85	.00 H	1	0 B	10 L	0 B	0 B
CH647	50 N	30	200 N	150	.00 H	0.00 H	0 R	55	.00 H	1	0 H	10 N	0 B	0 B

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STREAM SEDIMENT SAMPLES FROM THE CHADLAK QUADRAPIGDE, ALASKA--CONTINUED

SAMPLE	LATITUDE	LONGITUD	S-PEX*	S-MG%	N-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA
CH648	67 15 51	149 29 53	10.0	2.0	3.00	1.00	3000	.5 N	200 N	10 N	150	1000
CH649	67 24 37	149 13 13	3.0	0.7	1.00	.50	200	.5 N	200 N	10 N	100	300
CH650	67 16 37	149 18 47	10.0	2.0	3.00	.70	3000	.5 N	200 N	10 N	150	1000
CH651	67 22 0	149 19 4	5.0	2.0	10.00	.50	1000	.5 N	200 N	10 N	150	300
CH652	67 16 18	149 17 57	10.0	1.0	2.00	.70	3000	.5 N	200 N	10 N	50	300
CH653	67 22 18	149 25 19	3.0	0.7	0.05	.70	150	.5 N	200 N	10 N	150	300
CH654	67 16 28	149 2 4	15.0	2.0	3.00	1.00	3000	.5 N	200 N	10 N	150	300
CH655	67 23 13	149 29 30	10.0	1.5	0.20	.70	500	.5 N	200 N	10 N	100	300
CH656	67 16 36	149 1 48	10.0	2.0	3.00	.70	1000	.5 N	200 N	10 N	100	300
CH657	67 18 50	149 27 28	10.0	2.0	1.00	.70	300	.5 N	200 N	10 N	150	500
CH658	67 18 51	149 7 23	10.0	2.0	2.00	.70	500	.5 N	200 N	10 N	150	500
CH659	67 17 21	149 23 0	2.0	1.0	1.00	.20	150	.5 N	200 N	10 N	15	70
CH660	67 20 26	149 7 59	7.0	1.0	1.00	.50	500	.5 N	200 N	10 N	50	300
CH661	67 17 30	149 19 2	10.0	1.0	2.00	.70	1000	.5 N	200 N	10 N	70	300
CH662	67 21 20	149 6 19	10.0	1.5	2.00	.70	500	.5 N	200 N	10 N	150	700
CH663	67 18 39	149 13 59	10.0	1.0	3.00	.70	500	.5 N	200 N	10 N	30	300
CH664	67 23 44	149 4 47	15.0	1.5	2.00	.70	500	.5 N	200 N	10 N	200	700
CH665	67 19 23	149 0 34	7.0	0.7	2.00	.70	500	.5 N	200 N	10 N	150	300
CH666	67 29 21	149 5 26	15.0	1.0	3.00	1.00	500	.5 N	200 N	10 N	100	300
CH667	67 19 23	149 3 38	7.0	1.0	1.00	1.00	300	.5 N	200 N	10 N	150	700
CH668	67 27 38	149 8 27	10.0	2.0	3.00	.70	700	.5 N	200 N	10 N	150	300
CH669	67 19 44	149 8 20	7.0	1.0	2.00	1.00	500	.5 N	200 N	10 N	150	300
CH670	67 28 23	149 16 4	10.0	3.0	20.00	.50	500	.5 N	200 N	10 N	150	1000
CH671	67 20 39	149 7 46	10.0	1.0	1.00	1.00	300	.5 N	200 N	10 N	150	1000
CH672	67 29 2	149 16 31	10.0	2.0	10.00	.50	300	.5 N	200 N	10 N	150	500
CH673	67 29 57	149 26 29	3.0	1.0	20.00	.30	300	.5 N	200 N	10 N	100	200
CH674	67 28 42	149 28 30	10.0	1.0	2.00	.70	5000 G	.5 N	200 N	10 N	100	300
CH675	67 26 5	149 28 41	10.0	2.0	5.00	.70	500	.5 N	200 N	10 N	150	700
CH676	67 28 20	149 27 59	10.0	2.0	3.00	.70	1000	.5 N	1000	10 N	150	500
CH677	67 28 46	149 19 55	7.0	2.0	3.00	.50	1000	.5 N	200 N	10 N	150	300
CH678	67 26 47	149 20 39	5.0	2.0	10.00	.20	500	.5 N	200 N	10 N	150	500
CH679	67 26 44	149 20 17	15.0	5.0	10.00	.70	1000	.5 N	200 N	10 N	200	1000
CH680	67 24 43	149 16 48	10.0	1.0	1.00	.70	500	.5 N	200 N	10 N	150	300
CH681	67 24 10	149 18 55	10.0	1.0	0.50	.70	300	.5 N	200 N	10 N	150	300
CH682	67 23 17	149 22 5	15.0	1.5	0.50	.70	500	.5 N	200 N	10 N	150	500
CH683	67 23 22	149 25 0	15.0	2.0	1.50	.70	500	.5 N	200 N	10 N	200	500
CH684	67 29 29	147 25 50	5.0	0.7	1.50	.50	150	.5 N	200 N	10 N	150	300
CH685	67 25 30	147 25 57	5.0	1.0	1.00	.20	1500	.5 N	200 N	10 N	150	300
CH686	67 22 54	147 19 40	10.0	2.0	1.50	.70	300	.5 N	200 N	10 N	150	300
CH687	67 22 9	147 25 15	7.0	1.5	0.50	.70	300	.5 N	200 N	10 N	150	300
CH688	67 22 55	147 20 22	10.0	1.5	1.00	.50	500	.5 N	200 N	10 N	150	500

SAMPLE	S-BE	S-BI	S-CD	S-CD	S-CD	S-CU	S-LA	S-UO	S-NB	S-II	S-PH	S-SH	S-SC	S-SM	S-SR	S-V
CH648	1.0	10 N	20 N	20	100	20	50	5 N	30	30	20	100	20	10 N	200	150
CH649	1.0	10 N	20 N	15	30	20	20	5 N	20 N	30	15	100 N	7	10 N	100	70
CH650	1.0	10 N	20 N	15	70	20	20	5 N	20	30	20	100 N	20	10 N	300	100
CH651	1.0 L	10 N	20 N	15	30	15	20	5 N	20	30	15	100 N	7	10 N	200	70
CH652	1.0	10 N	20 N	30	30	30	30	5 N	20	30	15	100 N	15	10 N	100	70
CH653	1.0	10 N	20 N	10	50	15	20	5 N	20	20	15	100 N	7	10 N	100 N	70
CH654	1.0	10 N	20 N	15	100	30	30	5 N	50	15	20	100 N	20	10 N	200	100
CH655	1.0	10 N	20 N	20	70	50	20	5 N	20	30	20	100 N	10	10 N	100	100
CH656	2.0	10 N	20 N	15	70	15	20	5 N	20	30	15	100 N	10	10 N	150	100
CH657	1.0	10 N	20 N	15	70	30	50	5 N	20	50	15	100 N	10	10 N	100	100
CH658	1.0	10 N	20 N	15	70	15	30	5 N	20	30	15	100 N	10	10 N	150	100
CH659	1.0 N	10 N	20 N	5 N	10	5 L	20	5 N	20	10	10 P	100 N	5	10 N	100 N	30
CH660	1.0	10 N	20 N	20	70	50	70	5 N	20	50	20	100 N	7	10 N	100 N	100
CH661	1.0	10 N	20 N	15	50	15	70	5 N	20	20	15	100 N	10	10 N	150	70
CH662	1.0	10 N	20 N	20	200	50	50	5 N	20	50	20	100 N	10	10 N	100	100
CH663	1.0	10 N	20 N	15	50	15	70	5 N	20	20	20	100 N	10	10 N	200	70
CH664	1.0	10 N	20 N	15	100	50	50	5 N	20	50	15	100 N	15	10 N	100	100
CH665	1.0	10 N	20 N	15	50	15	20	5 N	20	30	15	100 N	10	10 N	100	70
CH666	1.0 N	10 N	20 N	15	70	50	50	5 N	30	30	30	100 N	20	10 N	100	100
CH667	1.0	10 N	20 N	15	100	30	70	5 N	30	30	30	100 N	15	10 N	100	100
CH668	1.0 L	10 N	20 N	30	70	50	50	5 N	20	50	20	100 N	20	10 N	200	200
CH669	1.0 L	10 N	20 N	15	50	15	30	5 N	20	30	15	100 N	10	10 N	100	100
CH670	1.0 L	10 N	20 N	30	150	30	30	5 N	20	50	30	100 N	10	10 N	300	100
CH671	1.0	10 N	20 N	20	150	50	70	5 N	20	50	50	100 N	15	10 N	150	100
CH672	1.0 L	10 N	20 N	15	100	30	20	5 N	20 N	30	15	100 N	10	10 N	200	100
CH673	1.0 L	10 N	20 N	15	30	30	20	5 N	20 N	30	10	100 N	5	10 N	150	70
CH674	1.0 N	10 N	20 N	15	30	20	20	5 N	20 N	30	10	100 N	7	10 N	100 N	70
CH675	1.0	10 N	20 N	15	150	30	30	5 N	20	50	15	100 N	15	10	200	100
CH676	1.0	10 N	20 N	30	100	50	50	5 N	20	50	20	100 N	15	10 N	100	100
CH677	1.0	10 N	20 N	15	50	30	30	5 N	20	30	15	100 N	10	10 N	100	100
CH678	1.0	10 N	20 N	20	70	30	20	5 N	20 N	50	20	100 N	10	10 N	300	70
CH679	1.0	10 N	20 N	50	200	50	70	5 N	20	70	30	100 N	20	10 N	200	100
CH680	1.0	10 N	20 N	20	70	30	30	5 N	20	50	20	100 N	15	10 N	100	70
CH681	1.0	10 N	20 N	15	70	30	30	5 N	30	30	20	100 N	15	10 N	100	70
CH682	1.0	10 N	20 N	30	100	50	50	5 N	30	50	50	100 N	15	10 N	100	70
CH683	1.0	10 N	20 N	15	150	50	50	5 N	30	30	30	100 N	20	10 N	150	100
CH684	1.0	10 N	20 N	10	50	30	70	5 N	20	30	15	100 N	7	10 N	100	70
CH685	1.0	10 N	20 N	15	70	30	50	5 N	20	30	30	100 N	7	10 N	100	70
CH686	1.0	10 N	20 N	15	70	20	50	5 N	20	30	20	100 N	10	10 N	150	100
CH687	1.0	10 N	20 N	10	100	50	30	5 N	20	30	30	100 N	10	10 N	100	70
CH688	1.0	10 N	20 N	20	100	50	50	5 N	20	30	30	100 N	7	10 N	100	100

SAMPLE	S-W	S-Y	S-ZN	S-ZR	AA-AU-E	AA-CU-P	AA-PH-P	AA-ZH-P	AA-AG-P	AA-SR-P	AA-AU-T	CH-AS	CH-SB	AAA-AU
CH548	50 N	100	200 N	150	.00 B	0.00 B	0 R	75	.00 B	1	0 H	10 N	0 B	0 B
CH549	50 N	20	200 N	70	.00 B	0.00 B	0 B	80	.00 B	3	0 H	10 N	0 B	0 B
CH550	50 N	50	200 N	100	.00 B	0.00 B	0 H	120	.00 B	2	0 H	10 N	0 B	0 B
CH551	50 N	20	200 N	100	.00 B	0.00 B	0 B	110	.00 B	2	0 H	10 N	0 B	0 B
CH552	50 N	30	200 N	70	.00 B	0.00 B	0 H	90	.00 B	2	0 H	10 L	0 B	0 B
CH553	50 N	15	200 N	70	.00 B	0.00 B	0 H	60	.00 B	1	0 H	10 L	0 B	0 B
CH554	50 N	30	200 N	100	.00 B	0.00 B	0 H	90	.00 B	2	0 H	10 L	0 B	0 B
CH555	50 N	20	200 N	100	.00 B	0.00 B	0 H	110	.00 B	2	0 H	10	0 H	0 B
CH556	50 N	20	200 N	70	.00 B	0.00 B	0 H	75	.00 B	2	0 H	10 L	0 B	0 B
CH557	50 N	20	200 N	200	.00 B	0.00 B	0 R	100	.00 B	1	0 B	10 N	0 B	0 B
CH558	50 N	30	200 N	100	.00 B	0.00 B	0 H	60	.00 B	1	0 B	10 N	0 B	0 B
CH559	50 N	15	200 N	50	.00 B	0.00 B	0 H	20	.00 B	1	0 B	10 N	0 B	0 B
CH560	50 N	20	200 N	70	.00 B	0.00 B	0 H	150	.00 B	2	0 H	10 N	0 B	0 B
CH561	50 N	20	200 N	100	.00 B	0.00 B	0 H	50	.00 B	1	0 H	10 L	0 B	0 B
CH562	50 N	20	200 N	70	.00 B	0.00 B	0 H	130	.00 B	2	0 H	10 N	0 B	0 B
CH563	50 N	50	200 N	150	.00 B	0.00 B	0 B	55	.00 B	1	0 H	10 L	0 B	0 B
CH564	50 N	30	200 N	70	.00 B	0.00 B	0 R	60	.00 B	2	0 B	10 N	0 B	0 B
CH565	50 N	20	200 N	70	.00 B	0.00 B	0 H	70	.00 B	1	0 B	10 L	0 B	0 B
CH566	50 N	30	200 N	70	.00 B	0.00 B	0 B	70	.00 B	1	0 B	10 N	0 B	0 B
CH567	50 N	20	200 N	100	.00 B	0.00 B	0 B	60	.00 B	0 B	0 B	10 N	0 B	0 B
CH568	50 N	30	200 N	70	.00 B	0.00 B	0 H	140	.00 B	2	0 B	10	0 B	0 H
CH569	50 N	30	200 N	100	.00 B	0.00 B	0 R	70	.00 B	1	0 B	10 N	0 B	0 B
CH570	50 N	15	200 N	70	.00 B	0.00 B	0 H	110	.00 B	3	0 B	10	0 B	0 B
CH571	50 N	30	200 N	300	.00 B	0.00 B	0 R	100	.00 B	1	0 B	10 N	0 B	0 B
CH572	50 N	15	200 N	70	.00 B	0.00 B	0 H	100	.00 B	2	0 H	10 L	0 B	0 B
CH573	50 N	15	200 N	70	.00 B	0.00 B	0 H	45	.00 B	2	0 H	10 L	0 B	0 B
CH574	50 N	15	200 N	70	.00 B	0.00 B	0 H	50	.00 B	1	0 H	10	0 B	0 B
CH575	50 N	30	200 N	70	.00 B	0.00 B	0 H	100	.00 B	2	0 H	10 N	0 B	0 B
CH576	50 N	20	200 N	100	.00 B	0.00 B	0 B	40	.00 B	2	0 B	10 N	0 B	0 B
CH577	50 N	15	200 N	70	.00 B	0.00 B	0 H	90	.00 B	1	0 B	10 N	0 B	0 B
CH578	50 N	20	200 N	70	.00 B	0.00 B	0 H	150	.00 B	2	0 H	10	0 B	0 B
CH579	50 N	20	200 N	100	.00 B	0.00 B	0 B	150	.00 B	2	0 H	10 N	0 B	0 B
CH580	50 N	15	200 N	100	.00 B	0.00 B	0 R	130	.00 B	1	0 H	10 N	0 B	0 B
CH581	50 N	20	200 N	100	.00 B	0.00 B	0 H	95	.00 B	1	0 H	10 N	0 B	0 B
CH582	50 N	20	200 N	100	.00 B	0.00 B	0 H	140	.00 B	2	0 H	10 N	0 B	0 B
CH583	50 N	20	200 N	100	.00 B	0.00 B	0 H	110	.00 B	2	0 B	10 L	0 B	0 B
CH584	50 N	20	200 N	100	.00 B	0.00 B	0 H	65	.00 B	3	0 B	10 N	0 B	0 B
CH585	50 N	15	200 N	70	.00 B	0.00 B	0 H	110	.00 B	1	0 B	10 N	0 B	0 B
CH586	50 N	15	200 N	100	.00 B	0.00 B	0 H	110	.00 B	1	0 B	10 L	0 B	0 B
CH587	50 N	50	200 N	70	.00 B	0.00 B	0 H	100	.00 B	1	0 B	10 N	0 B	0 B
CH588	50 N	20	200 N	70	.00 B	0.00 B	0 H	130	.00 B	2	0 B	10 N	0 B	0 B

SLTEAM SEDIMENT SAMPLES FROM THE CHARDLAK QUADRANGLE, ALASKA--CONTINUED

SAMPLE	LATITUDE	LONGITUD	S-PEX	S-GR	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA
CH689	67 22 10	147 24 54	10.0	2.0	0.50	.50	500	.5 N	200 N	10 N	150	500
CH690	67 22 54	147 15 11	3.0	0.7	0.50	.20	150	.5 N	200 N	10 N	150	300
CH691	67 24 24	147 13 41	10.0	1.5	0.50	.50	500	.5 N	200 N	10 N	150	300
CH692	67 22 42	147 15 42	10.0	1.5	0.50	.70	300	.5 N	200 N	10 N	100	300
CH693	67 28 20	147 14 2	10.0	1.5	2.00	.70	300	.5 N	200 N	10 N	100	300
CH694	67 26 3	147 9 39	7.0	1.0	1.00	.50	1000	.5 N	200 N	10 N	150	300
CH695	67 29 4	147 6 47	10.0	2.0	1.00	.70	500	.5 N	200 N	10 N	150	700
CH696	67 28 30	147 5 48	10.0	2.0	0.50	1.00	1000	.5 N	200 N	10 N	200	1000
CH697	67 29 17	147 6 42	10.0	1.5	1.00	.70	700	.5 N	200 N	10 N	150	500
CH698	67 28 15	147 0 32	10.0	1.5	0.20	.70	500	.5 N	200 N	10 N	200	700
CH699	67 24 24	147 4 17	15.0	2.0	1.50	.70	500	.5 N	200 N	10 N	200	500
CH700	67 23 24	147 5 29	15.0	2.0	1.00	.70	500	.5 N	1000	10 N	500	500
CH701	67 23 21	147 7 54	10.0	1.0	1.00	.70	300	.5 N	200 N	10 N	200	500
CH702	67 23 0	147 0 51	7.0	1.0	0.50	.50	1000	.5 N	200 N	10 N	150	300
CH703	67 22 53	147 8 47	10.0	1.0	0.50	.70	300	.5 N	200 N	10 N	200	500
CH704	67 22 32	147 8 30	10.0	1.5	0.20	.70	300	.5 N	200 N	10 N	200	500
CH705	67 22 13	147 10 32	10.0	1.5	0.70	.70	2000	.5 N	200 N	10 N	150	300
CH706	67 20 40	147 5 8	10.0	1.5	0.50	.70	500	.5 N	200 N	10 N	150	300
CH707	67 19 33	147 8 23	7.0	1.5	1.00	.70	300	.5 N	200 N	10 N	150	300
CH708	67 20 39	147 5 56	10.0	1.5	1.00	.70	500	.5 N	200 N	10 N	200	700
CH709	67 18 33	147 11 52	10.0	1.5	0.70	.70	200	.5 N	200 N	10 N	150	500
CH710	67 18 15	147 8 3	7.0	1.0	0.20	.70	200	.5 N	200 N	10 N	150	300
CH711	67 16 12	147 10 51	15.0	2.0	1.50	1.00	500	.5 N	200 N	10 N	700	500
CH712	67 17 0	147 10 45	10.0	2.0	1.50	.70	300	.5 N	200 N	10 N	100	300
CH713	67 15 11	147 15 32	7.0	1.5	1.50	.70	300	.5 N	200 N	10 N	200	500
CH714	67 16 41	147 14 9	10.0	2.0	1.50	.70	300	.5 N	200 N	10 N	200	700
CH715	67 15 16	147 21 11	10.0	2.0	1.50	.70	300	.5 N	200 N	10 N	300	500
CH716	67 16 53	147 16 5	7.0	1.5	1.50	.70	300	.5 N	200 N	10 N	150	300
CH717	67 17 4	147 5 4	10.0	1.5	1.00	.70	300	.5 N	200 N	10 N	200	500
CH718	67 16 33	147 16 9	10.0	2.0	1.50	.70	300	.5 N	200 N	10 N	300	500
CH719	67 20 13	147 19 18	10.0	2.0	1.50	.70	500	.5 N	200 N	10 N	100	300
CH720	67 15 51	147 4 14	7.0	1.5	1.50	.70	300	.5 N	200 N	10 N	200	300
CH721	67 19 55	147 19 23	10.0	2.0	2.00	.70	500	.5 N	200 N	10 N	100	500
CH722	67 18 19	147 2 22	10.0	1.0	1.00	.70	300	.5 N	200 N	10 N	200	500
CH723	67 19 16	147 25 5	15.0	3.0	2.00	.70	1000	.5 N	200 N	10 N	200	500
CH724	67 19 46	147 21 2	10.0	2.0	1.50	.70	500	.5 N	200 N	10 N	200	500
CH725	67 18 33	147 31 32	10.0	2.0	1.50	.70	500	.5 N	200 N	10 N	100	500
CH726	67 20 24	147 20 56	5.0	1.0	0.70	.50	300	.5 N	200 N	10 N	50	300
CH727	67 17 53	147 34 58	10.0	1.5	1.00	1.00	300	.5 N	200 N	10 N	300	700
CH728	67 19 41	147 28 59	10.0	1.0	1.00	.70	5000	.5 N	200 N	10 N	300	700
CH729	67 17 7	147 39 48	10.0	1.0	1.00	.70	200	.5 N	200 N	10 N	150	500

SAMPLE	S-BE	S-BI	S-CD	S-CO	S-CR	S-CU	S-I/A	S-MO	S-NB	S-MI	S-PH	S-SR	S-SC	S-SN	S-SR	S-V
CH689	1.0	10 N	20 N	20	70	70	50	5 N	20	30	30	100 N	10	10 N	100	100
CH690	1.0	10 N	20 N	10	70	30	100	5 N	20	30	20	100 N	10	10 N	100	70
CH691	1.0	10 M	20 V	20	70	20	70	5 N	20	30	20	100 N	7	10 N	100	100
CH692	1.0 L	10 N	20 U	20	100	50	70	5 N	20	50	20	100 N	7	10 N	100	100
CH693	1.0	10 N	20 N	15	70	30	50	5 N	20	30	20	100 N	7	10 N	100	70
CH694	1.0	10 N	20 V	20	70	30	70	5 N	20	30	20	100 N	7	10 N	100	70
CH695	1.0	10 N	20 N	15	70	30	50	5 N	20	50	20	100 N	7	10 N	100	100
CH696	2.0	10 N	20 N	20	150	30	100	5 N	30	50	30	100 N	15	10 N	100	200
CH697	1.0	10 M	20 N	15	70	30	100	5 N	20	50	15	100 N	7	10 N	100	100
CH698	1.0	10 N	20 N	15	100	30	50	5 N	20	50	15	100 N	10	10 N	100	150
CH699	2.0	10 N	20 N	30	150	30	100	5 N	20	50	30	100 N	15	10 N	100	100
CH700	2.0	10 N	20 N	20	200	50	70	5 N	20	70	30	100 N	15	10 N	100	100
CH701	2.0	10 N	20 N	20	150	30	70	5 N	20	30	30	100 N	15	10 N	100	100
CH702	2.0	10 N	20 N	30	70	30	50	5 N	20 N	30	20	100 N	10	10 N	100	70
CH703	2.0	10 N	20 N	15	100	30	50	5 N	20	30	30	100 N	15	10 N	300	100
CH704	2.0	10 N	20 N	15	150	30	100	5 N	20	30	30	100 N	10	10 N	100	100
CH705	2.0	10 N	20 N	100	100	50	70	5 N	20	100	30	100 N	10	10 N	170	100
CH706	2.0	10 N	20 N	30	100	30	50	5 N	20	30	30	100 N	15	10 N	100	100
CH707	1.0	10 N	20 N	30	70	30	50	5 N	20	30	30	100 N	10	10 N	100	100
CH708	2.0	10 N	20 N	30	100	30	50	5 N	20	30	30	100 N	15	10 N	100	100
CH709	2.0	10 N	20 N	15	100	100	70	5 N	20	30	30	100 N	10	10 N	100	100
CH710	2.0	10 N	20 N	15	50	20	50	5 N	20	30	15	100 N	10	10 N	100	100
CH711	2.0	10 N	20 N	20	150	50	20	5 N	20	50	30	100 N	15	10 N	100	100
CH712	1.0	10 N	20 N	15	100	20	30	5 N	20	30	30	100 N	15	10 N	100	100
CH713	1.0	10 N	20 N	15	70	30	30	5 N	20	30	20	100 N	15	10 N	100	100
CH714	1.0	10 N	20 N	20	150	50	70	5 N	20	30	30	100 N	20	10 N	100	150
CH715	1.0	10 N	20 N	15	150	50	150	5 N	20	30	30	100 N	15	10 N	100	150
CH716	1.0	10 N	20 N	20	100	30	50	5 N	20	50	15	100 N	10	10 N	150	100
CH717	1.0	10 N	20 N	20	150	30	50	5 N	20	50	30	100 N	15	10 N	100	100
CH718	1.0	10 N	20 N	15	150	50	70	5 N	20	30	30	100 N	15	10 N	150	100
CH719	1.0 L	10 N	20 N	20	150	30	50	5 N	20	30	30	100 N	10	10 N	100	100
CH720	1.0	10 N	20 N	20	70	30	100	5 N	20	30	30	100 N	10	10 N	100	70
CH721	2.0	10 M	20 N	15	100	15	50	5 N	20	30	20	100 N	15	10 N	20	150
CH722	2.0	10 N	20 N	15	100	15	70	5 N	20	30	20	100 N	15	10 N	20	150
CH723	1.0	10 N	20 N	20	150	30	50	5 N	20	50	30	100	15	10 N	30	200
CH724	1.0	10 N	20 N	20	150	30	70	5 N	20	50	30	100 N	15	10 N	30	150
CH725	1.0	10 N	20 N	15	100	30	20	5 N	50	30	15	100 N	15	10 N	20	100
CH726	1.0	10 M	20 N	15	50	30	50	5 N	20	30	15	100 N	10	10 N	15	70
CH727	1.0	10 N	20 N	15	100	15	70	5 N	50	30	20	100	15	10 N	15	150
CH728	2.0	10 N	20 N	30	70	20	50	5 N	20	30	30	100	15	10 N	50	150
CH729	1.0	10 N	20 N	10	70	15	100	5 N	20	30	15	100 N	15	10 N	15	100

SAMPLE	S-W	S-Y	S-ZN	S-ZR	AA-AU-F	AA-CU-P	AA-PH-P	AA-ZN-P	AA-AG-P	AA-SB-P	AA-AU-T	CM-AS	CM-SB	AAA-AU
CH689	50 N	20	200 N	100	.00 H	0.00 H	0 H	130	.00 H	1	0 B	10 N	0 B	0 B
CH690	50 N	20	200 N	70	.00 H	0.00 H	0 H	100	.00 H	2	0 B	10 N	0 B	0 B
CH691	50 N	30	200 N	100	.00 H	0.00 H	0 H	120	.00 H	1	0 B	10 N	0 B	0 B
CH692	50 N	30	200 N	100	.00 H	0.00 H	0 H	120	.00 H	5	0 H	10	0 B	0 B
CH693	50 N	15	200 N	200	.00 H	0.00 B	0 B	80	.00 H	2	0 B	10 N	0 B	0 B
CH694	50 N	20	200 N	70	.00 H	0.00 H	0 H	150	.00 B	2	0 H	10 N	0 B	0 B
CH695	50 N	15	200 N	100	.00 H	0.00 F	0 B	120	.00 B	3	0 H	10 N	0 H	0 B
CH696	50 N	20	200 N	100	.00 H	0.00 B	0 B	130	.00 B	2	0 H	10 N	0 B	0 B
CH697	50 N	20	200 N	100	.00 B	0.00 B	0 B	85	.00 B	2	0 H	10 N	0 B	0 B
CH698	50 N	15	200 F	200	.00 B	0.00 H	0 B	120	.00 H	2	0 B	10 N	0 B	0 B
CH699	50 N	150	200 N	200	.00 H	0.00 B	0 H	150	.00 B	2	0 B	10 N	0 B	0 B
CH700	50 N	70	200 N	200	.00 H	0.00 H	0 H	150	.00 H	10	0 B	120	0 B	0 B
CH701	50 N	70	200 N	200	.00 H	0.00 H	0 H	170	.00 B	3	0 B	40	0 B	0 B
CH702	50 N	20	200 N	100	.00 H	0.00 H	0 H	150	.00 B	2	0 B	10	0 B	0 B
CH703	50 N	20	200 N	150	.00 H	0.00 H	0 H	120	.00 B	10	0 B	10 L	0 B	0 B
CH704	50 N	15	200 N	100	.00 H	0.00 H	0 B	150	.00 H	4	0 H	10	0 B	0 B
CH705	50 N	50	300	100	.00 F	0.00 H	0 B	340	.00 B	10	0 H	10 L	0 B	0 B
CH706	50 N	15	200 L	100	.00 H	0.00 H	0 H	170	.00 B	2	0 B	10 L	0 B	0 B
CH707	50 N	15	200 N	100	.00 B	0.00 H	0 H	140	.00 B	3	0 H	10 L	0 B	0 B
CH708	50 N	15	200 L	150	.00 F	0.00 B	0 B	150	.00 B	5	0 B	10 L	0 B	0 B
CH709	50 N	20	200 L	100	.00 H	0.00 H	0 H	120	.00 B	5	0 B	10 L	0 B	0 B
CH710	50 N	15	200 L	100	.00 H	0.00 H	0 B	130	.00 B	3	0 B	10 L	0 B	0 B
CH711	50 N	70	200	150	.00 H	0.00 B	0 H	190	.00 H	2	0 B	10 N	0 B	0 B
CH712	50 N	15	200	100	.00 F	0.00 H	0 H	120	.00 H	2	0 H	10 N	0 B	0 B
CH713	50 N	15	200	150	.00 F	0.00 B	0 B	80	.00 B	1	0 B	10 N	0 B	0 B
CH714	50 N	20	200	100	.00 H	0.00 H	0 H	120	.00 H	2	0 H	10 N	0 B	0 B
CH715	50 N	30	200	100	.00 B	0.00 H	0 H	40	.00 H	1	0 H	10 N	0 B	0 B
CH716	50 N	20	200 L	200	.00 B	0.00 H	0 B	110	.00 B	1	0 H	10 N	0 B	0 B
CH717	50 N	20	200 L	150	.00 H	0.00 H	0 B	140	.00 B	2	0 H	10 L	0 B	0 B
CH718	50 N	20	200 L	100	.00 H	0.00 H	0 B	100	.00 B	1	0 B	10 N	0 B	0 B
CH719	50 N	15	200 L	70	.00 H	0.00 H	0 H	110	.00 B	0 B	0 H	10 L	0 B	0 B
CH720	50 N	30	200 L	100	.00 H	0.00 F	0 H	95	.00 H	2	0 H	10 N	0 B	0 B
CH721	50 N	15	200 N	70	.00 F	0.00 H	0 B	110	.00 H	2	0 H	10 L	0 B	0 B
CH722	50 N	70	200 N	150	.00 H	0.00 B	0 H	140	.00 H	2	0 H	10 L	0 B	0 B
CH723	50 N	20	200 N	70	.00 H	0.00 B	0 B	120	.00 B	3	0 H	10 N	0 B	0 B
CH724	50 N	20	200 N	70	.00 H	0.00 F	0 H	130	.00 B	2	0 H	10 N	0 B	0 B
CH725	50 N	20	200 N	70	.00 F	0.00 H	0 H	110	.00 B	3	0 B	10 N	0 B	0 B
CH726	50 N	20	200 N	70	.00 H	0.00 H	0 H	110	.00 H	2	0 H	10 N	0 B	0 B
CH727	50 N	50	200 N	150	.00 F	0.00 F	0 F	90	.00 H	2	0 F	10 L	0 B	0 B
CH728	50 N	15	200 N	70	.00 H	0.00 B	0 H	130	.00 H	3	0 H	10 L	0 B	0 B
CH729	50 N	50	200 N	200	.00 F	0.00 F	0 F	65	.00 H	2	0 H	10 N	0 B	0 B

STREAM SEDIMENT SAMPLES FROM THE CHARLIE QUADRANGLE, ALASKA--CONTINUED

SAMPLE	LATITUDE	LONGITUDE	S-PEP	S-GR	S-CAR	S-TL	S-M	S-AG	S-AS	S-AU	S-B	S-BA
CH730	67 17 12	147 34 8	10.0	1.0	1.00	1.00	700	.5 H	200 N	10 N	150	500
CH731	67 17 12	147 52 4	15.0	3.0	10.00	1.00 G	1500	.5 M	200 N	10 N	150	1500
CH732	67 16 33	147 35 39	10.0	1.0	2.00	1.00	500	.5 H	200 N	10 N	150	300
CH733	67 15 43	147 58 24	15.0	3.0	10.00	1.00	1000	.5 N	200 H	10 N	150	1000
CH734	67 15 34	147 42 46	5.0	1.0	2.00	.70	500	.5 N	200 H	10 N	150	500
CH735	67 20 18	147 54 57	10.0	2.0	1.00	.70	700	.5 N	200 N	10 N	150	300
CH736	67 18 26	147 47 3	10.0	1.0	1.00	.70	300	.5 N	200 H	10 N	150	300
CH737	67 20 11	147 55 50	10.0	1.5	1.00	.70	2000	.5 N	200 N	10 N	150	500
CH738	67 17 4	147 54 38	15.0	3.0	5.00	1.00	2000	.5 N	200 N	10 N	150	1000
CH739	67 22 58	147 48 25	10.0	1.0	1.00	.70	300	.5 N	200 N	10 N	150	300
CH740	67 16 28	147 59 39	10.0	1.0	1.00	.70	500	.5 N	200 N	10 N	150	500
CH741	67 23 26	147 47 42	5.0	1.0	1.00	.70	300	.5 N	200 H	10 N	150	300
CH742	67 21 55	147 42 33	7.0	1.0	1.50	.70	1000	.5 N	200 N	10 N	150	300
CH743	67 23 2	147 43 5	10.0	1.5	1.00	.70	700	.5 N	200 N	10 N	150	300
CH744	67 23 20	147 32 44	7.0	1.0	1.00	.70	3000	.5 N	200 H	10 N	150	500
CH745	67 21 29	147 35 57	7.0	1.0	1.00	1.00	300	.5 N	200 N	10 N	500	300
CH746	67 23 35	147 32 26	10.0	1.5	2.00	.70	1000	.5 N	200 H	10 N	150	300
CH747	67 21 47	147 34 36	10.0	1.0	0.50	.70	3000	.5 N	200 N	10 N	500	300
CH748	67 28 15	147 32 29	5.0	1.0	0.50	.70	200	.5 N	200 N	10 N	150	300
CH749	67 26 3	147 32 38	5.0	0.7	0.50	.70	200	.5 N	200 N	10 N	150	300
CH750	67 29 12	147 35 30	5.0	0.7	0.50	.50	300	.5 N	200 H	10 N	150	300
CH751	67 28 59	147 33 47	5.0	1.0	1.00	.50	150	.5 N	200 N	10 N	100	300
CH752	67 26 7	147 41 25	5.0	1.0	2.00	.50	2000	.5 N	200 N	10 N	150	300
CH753	67 27 50	147 37 20	7.0	1.0	0.10	.70	200	.5 N	200 H	10 N	150	500
CH754	67 26 30	147 41 20	10.0	2.0	3.00	1.00	1000	.5 N	200 H	10 N	200	700
CH755	67 27 23	147 59 21	10.0	2.0	1.00	.70	500	.5 N	200 H	10 N	200	500
CH756	67 25 9	148 5 2	10.0	1.0	0.50	.70	500	.5 N	200 H	10 N	150	300
CH757	67 29 12	147 56 31	10.0	1.0	1.00	.70	300	.5 N	200 N	10 N	150	300
CH758	67 28 55	147 57 57	10.0	1.0	0.10	.70	300	.5 N	200 N	10 N	200	300
CH759	67 26 53	147 50 5	5.0	1.0	1.00	.50	150	.5 N	200 N	10 N	150	300
CH760	67 27 38	147 47 39	7.0	1.0	1.00	.50	300	.5 N	200 H	10 N	150	300
CH761	67 23 42	147 58 22	7.0	1.5	1.50	.70	500	.5 N	200 H	10 N	150	300
CH762	67 24 39	147 52 13	7.0	1.5	1.50	.70	300	.5 N	200 N	10 N	150	300
CH763	67 20 39	148 3 55	7.0	1.0	1.50	.50	500	.5 N	200 H	10 N	150	300
CH764	67 22 9	148 0 45	10.0	2.0	2.00	.70	500	.5 N	200 H	10 N	200	500
CH765	67 16 54	148 2 26	7.0	1.0	1.00	.70	500	.5 N	200 N	10 N	150	500
CH766	67 15 38	147 21 10	7.0	1.0	2.00	1.00	500	.5 N	200 H	10 N	150	300
CH767	67 15 43	148 1 32	10.0	1.5	0.20	1.00	500	.5 N	200 H	10 N	200	500
CH768	67 21 51	148 12 29	10.0	2.0	1.00	1.00	500	.5 N	200 H	10 N	200	500
CH769	67 23 8	148 11 45	10.0	1.5	1.00	1.00	2000	.5 N	200 N	10 N	200	500
CH770	67 19 17	148 14 48	15.0	2.0	1.50	1.00 G	1000	.5 N	200 H	10 N	200	700

SAMPLE	S-RE	S-NI	S-CD	S-CO	S-CU	S-TA	S-U	S-H	S-I	S-PB	S-SB	S-SC	S-SN	S-SR	S-V
CH730	2.0	10 N	20 N	100	30	50	5 N	70	30	30	100 N	15	10 N	30	100
CH731	1.0	10 N	20 N	150	30	50	5 N	70	50	30	100 N	30	10 N	30	300
CH732	1.0	10 N	20 N	70	30	30	5 N	50	30	15	100 N	15	10 N	15	100
CH733	1.0	10 N	20 N	200	30	70	5 N	50	50	15	150	30	10 N	30	200
CH734	1.0	10 N	20 N	70	15	70	5 N	20	30	15	100 N	15	10 N	15	100
CH735	1.0	10 N	20 N	100	20	70	5 N	20	30	15	100 N	15	10 N	20	100
CH736	1.0	10 N	20 N	70	20	50	5 N	20	30	15	100 N	10	10 N	15	100
CH737	1.0	10 N	20 N	150	30	50	5 N	20	50	30	100 N	15	10 N	50	100
CH738	1.0	10 N	20 N	100	50	30	5 N	20	50	15	100 N	20	10 N	30	200
CH739	1.0	10 N	20 N	70	30	100	5 N	20	30	20	100 N	10	10 N	20	100
CH740	1.0	10 N	20 N	70	30	70	5 N	20	30	20	100 N	15	10 N	15	100
CH741	1.0	10 N	20 N	70	30	30	5 N	20	30	15	100 N	10	10 N	15	70
CH742	1.0	10 N	20 N	70	20	70	5 N	20	30	15	100 N	10	10 N	15	100
CH743	1.0	10 N	20 N	70	20	50	5 N	20	30	20	100 N	15	10 N	15	150
CH744	1.0	10 N	20 N	100	30	50	5 N	20	50	30	100 N	15	10 N	100	100
CH745	1.0	10 N	20 N	50	20	50	5 N	20	30	15	100 N	10	10 N	100	100
CH746	1.0	10 N	20 N	100	30	100	5 N	30	50	30	100 N	15	10 N	100	100
CH747	1.0	10 N	20 N	70	30	30	5 N	20	50	20	100 N	10	10 N	100	70
CH748	2.0	10 N	20 N	100	30	50	5 N	20	30	20	100 N	15	10 N	100	100
CH749	1.0	10 N	20 N	50	15	70	5 N	20	30	10	100 N	7	10 N	100	70
CH750	2.0	10 N	20 N	70	30	70	5 N	20	30	15	100 N	10	10 N	100	70
CH751	1.0	10 N	20 N	70	30	70	5 N	20	30	15	100 N	7	10 N	100	70
CH752	1.0	10 N	20 N	70	30	70	5 N	20	30	15	100 N	7	10 N	100	70
CH753	1.0	10 N	20 N	70	20	150	5 N	50	30	15	100 N	10	10 N	100	70
CH754	1.0	10 N	20 N	150	30	50	5 N	50	50	30	100	20	10 N	150	100
CH755	2.0	10 N	20 N	150	50	70	5 N	30	50	30	100 N	15	10 N	100	150
CH756	1.0	10 N	20 N	70	30	70	5 N	20	30	15	100 N	10	10 N	100	70
CH757	1.0	10 N	20 N	70	30	70	5 N	20	30	15	100 N	15	10 N	100	70
CH758	1.0	10 N	20 N	70	30	30	5 N	20	30	15	100 N	10	10 N	100	70
CH759	1.0 L	10 N	20 N	50	30	50	5 N	20	30	15	100 N	7	10 N	100	70
CH760	1.0	10 N	20 N	70	30	70	5 N	20	30	15	100 N	7	10 N	100	70
CH761	1.0	10 N	20 N	70	20	70	5 N	20	30	15	100 N	7	10 N	100	70
CH762	1.0	10 N	20 N	50	30	50	5 N	20	30	15	100 N	7	10 N	100	100
CH763	1.0	10 N	20 N	70	30	70	5 N	20 N	30	20	100 N	7	10 N	100	70
CH764	1.0	10 N	20 N	100	30	70	5 N	20	30	20	100 N	15	10 N	100	100
CH765	1.0	10 N	20 N	100	30	200	5 N	20	30	15	100 N	15	10 N	100	100
CH766	1.0	10 N	20 N	50	30	50	5 N	50	30	10	100 N	10	10 N	100	70
CH767	1.0	10 N	20 N	100	30	20	5 N	20	50	20	100 N	10	10 N	100	100
CH768	1.0	10 N	20 N	100	30	20	5 N	20	50	15	100 L	15	10 N	100	100
CH769	1.0	10 N	20 N	100	30	70	5 N	20	30	30	100 N	15	10 N	100	100
CH770	1.0	10 N	20 N	150	30	50	5 N	70	50	20	100 L	20	10 N	100	200

SAMPLE	S-W	S-Y	S-ZN	S-ZR	PA-KO-P	AA-CU-P	AA-PR-P	AA-ZN-P	AA-AG-P	AA-SR-P	AA-AU-T	CM-AS	CM-SB	AAA-AU
CH730	50 N	50	1000	100	.00 F	0.00 H	0 H	120	.00 B	2	0 H	10 L	0 H	0 B
CH731	50 N	30	200 N	150	.00 F	0.00 H	0 B	110	.00 B	4	0 B	10 L	0 B	0 B
CH732	50 N	20	200 N	100	.00 F	0.00 B	0 B	90	.00 B	-	0 H	10 N	0 B	0 B
CH733	50 N	50	200 N	200	.00 F	0.00 B	0 B	80	.00 B	2	0 B	10 N	0 B	0 B
CH734	50 N	30	700 N	100	.00 F	0.00 B	0 B	90	.00 B	2	0 H	10 N	0 B	0 B
CH735	50 N	50	200 N	200	.00 F	0.00 B	0 B	120	.00 B	3	0 H	10 L	0 B	0 B
CH736	50 N	100	200 N	100	.00 F	0.00 B	0 B	100	.00 B	2	0 B	10 L	0 B	0 B
CH737	50 N	20	200 N	150	.00 F	0.00 B	0 B	130	.00 B	2	0 H	10 L	0 B	0 B
CH738	50 N	20	200 N	100	.00 F	0.00 B	0 B	90	.00 B	0 B	0 H	10 N	0 B	0 B
CH739	50 N	15	200 N	100	.00 F	0.00 B	0 B	120	.00 B	3	0 B	10 L	0 B	0 B
CH740	50 N	30	200 N	150	.00 F	0.00 B	0 B	120	.00 B	2	0 H	10 N	0 B	0 B
CH741	50 N	15	200 N	70	.00 F	0.00 B	0 H	120	.00 B	3	0 H	10 N	0 B	0 B
CH742	50 N	20	200 N	100	.00 F	0.00 B	0 B	110	.00 B	2	0 H	10 N	0 B	0 B
CH743	50 N	15	200 N	100	.00 F	0.00 B	0 B	95	.00 B	2	0 H	10 N	0 B	0 B
CH744	50 N	50	200 N	500	.00 F	0.00 B	0 B	140	.00 B	2	0 H	10 L	0 B	0 B
CH745	50 N	15	200 N	100	.00 F	0.00 B	0 H	90	.00 B	2	0 B	10 N	0 B	0 B
CH746	50 N	30	200 N	200	.00 F	0.00 B	0 B	110	.00 B	2	0 B	10 N	0 B	0 B
CH747	50 N	30	200 N	100	.00 F	0.00 B	0 H	190	.00 B	3	0 B	10 N	0 B	0 B
CH748	50 N	20	200 N	200	.00 F	0.00 B	0 B	90	.00 B	3	0 H	10 N	0 B	0 B
CH749	50 N	10	200 N	100	.00 F	0.00 B	0 B	60	.00 B	2	0 H	10 N	0 B	0 B
CH750	50 N	30	200 N	100	.00 F	0.00 B	0 H	90	.00 B	2	0 H	10 N	0 B	0 B
CH751	50 N	20	200 N	100	.00 F	0.00 B	0 H	65	.00 B	3	0 B	10 N	0 B	0 B
CH752	50 N	20	200 N	100	.00 F	0.00 B	0 H	120	.00 B	1	0 B	10	0 B	0 B
CH753	50 N	100	200 N	200	.00 F	0.00 B	0 B	65	.00 B	1	0 B	10 N	0 B	0 B
CH754	50 N	50	200 N	300	.00 F	0.00 B	0 B	140	.00 B	2	0 B	10 N	0 H	0 B
CH755	50 N	30	200 N	200	.00 F	0.00 B	0 B	150	.00 B	2	0 H	10 N	0 B	0 B
CH756	50 N	70	200 N	200	.00 F	0.00 B	0 B	140	.00 B	2	0 H	10 N	0 B	0 B
CH757	50 N	15	200 N	200	.00 F	0.00 B	0 B	100	.00 B	2	0 H	10 N	0 B	0 B
CH758	50 N	15	200 N	100	.00 F	0.00 B	0 H	95	.00 B	2	0 H	10 N	0 B	0 B
CH759	50 N	15	200 N	150	.00 F	0.00 B	0 B	60	.00 B	2	0 B	10 N	0 B	0 B
CH760	50 N	15	200 N	100	.00 F	0.00 B	0 B	90	.00 B	2	0 B	10 N	0 B	0 B
CH761	50 N	20	200 N	150	.00 F	0.00 B	0 B	95	.00 B	2	0 H	10 N	0 B	0 B
CH762	50 N	15	200 N	200	.00 F	0.00 B	0 B	70	.00 B	2	0 H	10 N	0 B	0 B
CH763	50 N	20	200 N	100	.00 F	0.00 B	0 B	120	.00 B	2	0 H	10 N	0 B	0 B
CH764	50 N	30	200 N	200	.00 F	0.00 B	0 H	110	.00 B	2	0 H	10 N	0 B	0 B
CH765	50 N	20	200 N	200	.00 F	0.00 B	0 H	120	.00 B	1	0 H	10 L	0 B	0 B
CH766	50 N	30	200 N	300	.00 F	0.00 B	0 H	50	.00 B	1	0 B	10 N	0 B	0 B
CH767	50 N	10	200 N	150	.00 F	0.00 B	0 H	120	.00 B	2	0 H	10 N	0 B	0 B
CH768	50 N	20	200 N	200	.00 F	0.00 B	0 B	120	.00 B	2	0 H	10 N	0 B	0 B
CH769	50 N	150	200 N	150	.00 F	0.00 B	0 B	110	.00 B	1	0 H	10 N	0 B	0 B
CH770	50 N	20	200 N	200	.00 F	0.00 B	0 B	100	.00 B	2	0 H	10 N	0 B	0 B

STREAM SEDIMENT SAMPLES FROM THE CHA OLAR QUADRANGLE, ALASKA--CONTINUED

SAMPLE	LATITUDE	LONGITUDE	S-PER	S-WGT%	S-CA%	S-FIT	S-MN	S-AG	S-AS	S-AU	S-B	S-BA
CH771	67 21 6	148 12 8	10.0	2.0	1.00	.70	1000	.5 N	200 N	10 N	200	500
CH772	67 17 20	148 13 36	7.0	1.5	7.00	.70	700	.5 N	200 N	10 N	150	300
CH773	67 17 50	148 17 17	7.0	1.5	1.00	.50	200	.5 N	200 N	10 N	150	300
CH774	67 20 12	148 33 41	10.0	1.0	1.00	1.00	500	.5 N	200 N	10 N	150	300
CH775	67 15 57	148 20 30	5.0	1.0	1.50	.70	500	.5 N	200 N	10 N	150	300
CH776	67 20 50	148 28 50	10.0	2.0	0.30	1.00 G	700	.5 N	200 N	10 N	300	1000
CH777	67 16 17	148 29 26	10.0	2.0	2.00	.70	1000	.5 N	200 N	10 N	100	300
CH778	67 23 34	148 21 47	10.0	2.0	0.50	1.00 G	2000	.5 N	200 N	10 N	150	1000
CH779	67 20 2	148 23 31	10.0	1.5	0.50	1.00	1000	.5 N	200 N	10 N	200	700
CH780	67 22 45	148 27 3	5.0	1.0	0.10	1.00	500	.5 N	200 N	10 N	100	700
CH781	67 19 51	148 24 6	5.0	2.0	0.50	.50	500	.5 N	200 N	10 N	100	1500
CH781	67 19 51	148 24 6	10.0	1.5	0.50	1.00	300	.5 N	200 N	10 N	200	500
CH782	67 29 30	148 20 24	5.0	2.0	0.30	1.00	700	.5 N	200 N	10 N	150	700
CH783	67 23 39	148 25 13	10.0	2.0	0.30	1.00 G	700	.5 N	200 N	10 N	150	700
CH784	67 22 26	148 25 29	10.0	2.0	0.30	1.00 G	500	.5 N	200 N	10 N	100	1000
CH785	67 24 10	148 23 8	10.0	2.0	2.00	1.00 G	5000 G	.5 N	200 N	10 N	150	2000
CH786	67 24 32	148 19 44	7.0	2.0	0.20	1.00 G	500	.5 N	200 N	10 N	100	700
CH787	67 22 54	148 24 9	10.0	3.0	5.00	1.00	700	.5 N	200 N	10 N	100	700
CH788	67 38 51	148 44 53	10.0	3.0	5.00	1.00 G	1500	.5 N	200 N	10 N	100	1000
CH789	67 38 25	148 43 51	7.0	2.0	10.00	.50	1000	.5 N	200 N	10 N	70	700
CH790	67 36 0	148 39 19	10.0	3.0	10.00	.70	700	.5 N	200 N	10 N	150	700
CH791	67 34 19	148 44 36	10.0	2.0	10.00	1.00 G	1500	.5 N	200 N	10 N	50	700
CH792	67 36 51	148 35 52	7.0	3.0	10.00	1.00 G	1000	.5 N	200 N	10 N	50	700
CH793	67 36 57	148 37 14	10.0	2.0	10.00	1.00	1000	.5 N	200 N	10 N	100	1000
CH794	67 40 9	148 34 40	10.0	2.0	1.00	1.00	1000	.5 N	200 N	10 N	150	700
CH795	67 39 15	148 32 17	5.0	3.0	20.00	1.00	1500	.5 N	200 N	10 N	70	500
CH796	67 43 18	148 33 5	10.0	3.0	10.00	1.00	1000	.5 N	200 N	10 N	100	1000
CH797	67 39 29	148 32 26	5.0	1.0	0.50	1.00 G	500	.5 N	200 N	10 N	100	700
CH798	67 22 9	148 1 17	3.0	2.0	10.00	.30	1000	.5 N	200 N	10 N	10	700
CH799	67 41 36	148 30 2	5.0	3.0	20.00	.50	2000	.5 N	200 N	10 N	50	700
CH800	67 40 5	149 3 22	10.0	2.0	1.00	.70	3000	.5 N	200 N	10 N	200	1000
CH801	67 22 55	149 0 17	10.0	5.0	20.00	.70	1000	.5 N	200 N	10 N	500	300
CH802	67 43 31	149 9 11	10.0	2.0	2.00	.70	1000	.5 N	200 N	10 N	150	1000
CH803	67 22 58	149 1 5	10.0	2.0	5.00	.70	1000	.5 N	200 N	10 N	10	500
CH804	67 40 54	148 52 58	10.0	2.0	5.00	.70	2000	.5 N	200 N	10 N	30	1000
CH805	67 39 37	149 5 16	10.0	1.5	2.00	.70	2000	.5 N	200 N	10 N	150	300
CH806	67 40 41	148 52 49	15.0	2.0	3.00	1.00 G	1000	.5 N	200 N	10 N	200	700
CH807	67 39 35	148 49 24	5.0	1.5	1.50	.50	2000	.5 N	200 N	10 N	100	300
CH808	67 41 43	148 53 54	15.0	1.5	3.00	1.00	2000	.5 N	200 N	10 N	150	1000
CH809	67 38 44	148 55 5	15.0	2.0	3.00	1.00 G	5000	.5 N	200 N	10 N	200	700
CH810	67 7 27	149 21 52	10.0	3.0	3.00	1.00	2000	.5 N	200 N	10 N	200	300

SAMPLE	S-BE	S-BI	S-CD	S-CO	S-CH	S-CU	S-LA	S-MB	S-MR	S-PH	S-SR	S-SC	S-SN	S-SR	S-V
CH771	1.0	10 N	20 N	30	150	50	70	5 N	20	50	100 N	15	10 N	100	100
CH772	1.0	10 N	20 N	15	70	20	50	5 N	20	30	100 N	10	10 N	100	70
CH773	1.0	10 N	20 N	15	100	30	50	5 N	20	30	100 N	10	10 N	100	70
CH774	1.0	10 N	20 N	15	70	30	50	5 N	50	30	100 N	15	10 N	100	70
CH775	1.0	10 N	20 N	15	70	30	30	5 N	20	30	100 N	10	10 N	100	70
CH776	1.0 N	10 N	20 N	30	150	70	100	5 N	20	100	100 N	30	10 N	150	200
CH777	1.0	10 N	20 N	15	70	15	150	5 N	20	30	100 N	15	10 N	100	70
CH778	1.0 H	10 N	20 N	50	150	50	50	5 N	20	70	100 N	30	10 N	300	200
CH779	2.0	10 N	20 N	30	70	30	70	5 N	20	30	100 L	10	10 N	100	150
CH780	1.0	10 N	20 N	20	100	30	70	5 N	20 L	50	100 N	20	10 N	100	150
CH781	1.0	10 N	20 N	10	150	30	50	5 N	20 L	30	100 N	20	10 N	300	200
CH782	1.0	10 N	20 N	15	100	30	100	5 N	20	30	100 L	10	10 N	100	100
CH783	1.0	10 N	20 N	30	70	50	30	5 N	20 L	70	100 N	20	10 N	100	150
CH784	1.0	10 N	20 N	50	150	50	20	7	20 L	50	100 N	20	10 N	100	150
CH785	1.0	10 N	20 N	100	150	50	150	5 N	20	70	100 N	30	10 N	300	200
CH786	1.0	10 N	20 N	20	150	50	50	5 N	20 L	50	100 N	20	10 N	100	150
CH787	1.0	10 N	20 N	50	100	50	150	7	20 N	100	100 N	30	10 N	300	200
CH788	1.0	10 N	20 N	50	150	70	150	5 N	20 L	100	100 N	30	10 N	500	200
CH789	1.0	10 N	20 N	20	70	20	70	5 N	20 L	20	100 N	30	10 N	500	150
CH790	1.0	10 N	20 N	20	150	30	100	5 N	20 L	50	100 N	30	10 N	700	200
CH791	1.0	10 N	20 N	20	150	50	50	5 N	20 L	50	100 N	30	10 N	300	200
CH792	1.0	10 N	20 N	30	100	70	150	5 N	20 N	100	100 N	30	10 N	500	150
CH793	1.0	10 N	20 N	20	150	100	150	7	20 L	50	100 N	30	10 N	500	150
CH794	1.0	10 N	20 N	30	150	100	70	5 N	20 N	100	100 N	30	10 N	100	200
CH795	1.0	10 N	20 N	10	150	15	100	5 N	20 L	20	100 N	30	10 N	1000	150
CH796	1.0	10 N	20 N	20	150	70	150	5	20 L	100	100 N	30	10 N	700	200
CH797	1.0	10 N	20 N	20	70	20	150	5 N	20 L	50	100 N	15	10 N	100	150
CH798	1.0	10 N	20 N	15	70	100	150	5	20 L	20	100 N	15	10 N	700	100
CH799	1.0	10 N	20 N	15	100	100	70	5 N	20 N	20	100 N	20	10 N	700	150
CH800	1.0	10 N	20 N	50	100	50	70	5 N	20	70	100 N	10	10 N	100	100
CH801	1.0	10 N	20 N	20	150	50	70	5 N	20	30	100 N	20	10 N	500	100
CH802	1.0	10 N	20 N	15	100	30	50	5 N	50	30	100 N	15	10 N	100	100
CH803	1.0	10 N	20 N	15	70	30	70	7	20	20	100 N	20	10 N	1000	100
CH804	2.0	10 N	20 N	15	70	30	70	7	50	30	100 N	30	10 N	500	100
CH805	1.0	10 N	20 N	15	50	30	70	5 N	20	30	100 N	10	10 N	500	70
CH806	1.0	10 N	20 N	30	100	50	70	5 N	70	50	100 N	20	10 N	200	100
CH807	1.0	10 N	20 N	15	30	20	20	15	20 N	30	100 N	7	10 N	200	70
CH808	1.0	10 N	20 N	30	100	50	100	5 N	20	50	100 N	20	10 N	200	100
CH809	1.0	10 N	20 N	50	700	50	30	5 N	50	30	100 N	20	10 N	200	100
CH810	1.0	10 N	20 N	30	150	30	30	5 N	20	50	100 N	20	10 N	200	100

STREAM SEDIMENT SAMPLES FROM THE CANADIAN QUADRANGLE, ALASKA--CONTINUED

SAMPLE	S-A	S-Y	S-ZN	S-ZR	W-T-OH-P	AA-CU-P	AA-PB-P	AA-ZI-P	AA-PG-P	AI-SB-P	AA-AL-T	CH-AS	CH-SB	AAA-AU
CH771	50 N	20	200 N	150	0.00 B	0.00 B	0 B	130	.00 H	0 B	0 H	10 N	0 B	0 B
CH772	50 N	50	200 N	100	0.00 B	0.00 B	0 B	70	.00 H	2	0 B	10 N	0 B	0 B
CH773	50 N	15	200 N	100	0.00 B	0.00 B	0 B	90	.00 H	2	0 H	10 N	0 B	0 B
CH774	50 N	150	200 N	200	0.00 H	0.00 B	0 B	75	.00 H	2	0 H	10 N	0 B	0 B
CH775	50 N	200	200 N	100	0.00 H	0.00 B	0 B	100	.00 H	2	0 B	10 N	0 B	0 B
CH776	50 N	50	200 N	300	0.00 H	0.00 H	0 H	130	.00 H	2	0 B	10 L	0 B	0 B
CH777	50 N	30	200 N	150	0.00 H	0.00 H	0 B	60	.00 B	2	0 H	10 N	0 B	0 B
CH778	50 N	50	200 N	200	0.00 H	0.00 B	0 B	100	.00 B	2	0 H	10 N	0 B	0 B
CH779	50 N	500	200 N	150	0.00 H	0.00 H	0 B	110	.00 B	2	0 H	10 N	0 B	0 B
CH780	50 N	20	200 N	200	0.00 B	0.00 B	0 B	90	.00 B	2	0 B	10 N	0 H	0 B
CH781	50 N	50	200 N	150	0.00 H	0.00 B	0 B	75	.00 B	3	0 H	10 L	0 B	0 B
CH781-1	50 N	15	200 N	150	0.00 B	0.00 H	0 B	95	.00 H	1	0 B	10 N	0 B	0 B
CH782	50 N	30	200 N	150	0.00 B	0.00 H	0 B	100	.00 B	2	0 B	10 L	0 B	0 B
CH783	50 N	20	200 N	200	0.00 H	0.00 H	0 B	110	.00 B	2	0 B	10 N	0 B	0 B
CH784	50 N	50	200 N	150	0.00 H	0.00 B	0 B	100	.00 B	1	0 H	10 N	0 B	0 B
CH785	50 N	70	200 N	200	0.00 B	0.00 B	0 B	120	.00 H	2	0 H	10 N	0 B	0 B
CH786	50 N	30	200 N	200	0.00 B	0.00 B	0 B	90	.00 B	2	0 H	10 N	0 B	0 B
CH787	50 N	70	200 N	150	0.00 B	0.00 B	0 B	110	.00 B	3	0 H	20	0 B	0 B
CH788	50 N	70	200 N	200	0.00 H	0.00 H	0 B	160	.00 B	3	0 B	20	0 B	0 B
CH789	50 N	70	200 N	150	0.00 H	0.00 B	0 B	40	.00 B	2	0 H	10 N	0 B	0 B
CH790	50 N	70	200 N	200	0.00 H	0.00 B	0 B	90	.00 H	2	0 B	10 N	0 B	0 B
CH791	50 N	50	200 N	200	0.00 A	0.00 B	0 B	80	.00 B	2	0 B	10 N	0 B	0 B
CH792	50 N	70	200 L	200	0.00 B	0.00 H	0 B	150	.00 B	3	0 B	10	0 B	0 B
CH793	50 N	70	200 N	150	0.00 H	0.00 H	0 B	130	.00 H	3	0 B	10 L	0 B	0 B
CH794	50 N	50	200	200	0.00 H	0.00 B	0 B	130	.00 B	2	0 B	10 L	0 B	0 B
CH795	50 N	70	200 N	150	0.00 H	0.00 B	0 B	40	.00 B	2	0 B	10 L	0 B	0 B
CH796	50 N	70	200	150	0.00 F	0.00 B	0 H	140	.00 B	3	0 B	10 L	0 B	0 B
CH797	50 N	70	200 N	200	0.00 H	0.00 B	0 B	90	.00 B	2	0 H	10 L	0 H	0 B
CH798	50 N	30	200 N	150	0.00 H	0.00 H	0 A	35	.00 B	2	0 H	10 L	0 H	0 B
CH799	50 N	70	200 N	500	0.00 A	0.00 B	0 B	55	.00 B	2	0 H	10 L	0 B	0 B
CH800	50 N	20	200	70	0.00 H	0.00 H	0 H	210	.00 B	1	0 H	10 N	0 H	0 B
CH801	50 N	30	200 N	100	0.00 A	0.00 B	0 H	65	.00 B	2	0 H	20	0 H	0 B
CH802	50 N	30	200 N	70	0.00 H	0.00 B	0 A	95	.00 H	1	0 A	10 L	0 B	0 B
CH803	50 N	30	200 N	100	0.00 B	0.00 H	0 B	45	.00 H	2	0 B	10 L	0 B	0 B
CH804	50 N	150	200 N	1000	0.00 H	0.00 B	0 B	55	.00 B	2	0 H	10 L	0 B	0 B
CH805	50 N	20	200 N	70	0.00 S	0.00 F	0 B	60	.00 H	2	0 H	10 L	0 B	0 B
CH806	50 N	50	200	100	0.00 F	0.00 H	0 B	110	.00 H	10	0 H	40	0 B	0 B
CH807	50 N	15	200 N	70	0.00 H	0.00 H	0 H	70	.00 H	2	0 A	10	0 A	0 B
CH808	50 N	100	200	100	0.00 H	0.00 H	0 A	150	.00 H	2	0 B	10 N	0 H	0 B
CH809	50 N	20	200	100	0.00 H	0.00 F	0 B	130	.00 H	0 H	0 B	10 N	0 H	0 B
CH810	50 N	20	200 N	70	0.00 H	0.00 H	0 H	70	.00 B	1	0 H	10 N	0 B	0 B

SAMPLE	LATITUDE	LONGITUDE	S-PER%	S-CG%	S-FI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA
CR811	67 9 24	149 22 51	7.0	2.00	.70	500	.5 N	200 N	10 N	150	700
CR812	67 6 59	149 20 35	15.0	3.00	1.00 G	5000	.5 N	200 N	10 N	200	1000
CR813	67 9 45	149 22 32	15.0	10.00	.70	2000	.5 N	200 N	10 N	10	1000
CR814	67 4 23	149 17 45	15.0	15.00	.70	3000	.5 N	200 N	10 N	150	2000
CR815	67 6 32	149 19 23	11.0	3.00	.70	500	.5 N	200 N	10 N	10	2000
CR816	67 3 56	149 17 49	15.0	3.00	.70	1000	.5 N	200 N	10 N	150	1000
CR817	67 5 26	149 25 32	7.0	10.00	.70	2000	.5 N	200 N	10 N	10 L	1000
CR818	67 1 50	149 5 25	15.0	20.00	1.00	2000	.5 N	200 N	10 N	20	2000
CR819	67 2 53	149 4 44	10.0	5.00	1.00	1000	.5 N	200 N	10 N	10	700
CR820	67 3 29	149 4 6	15.0	5.00	.70	2000	.5 N	200 N	10 N	10	2000
CR821	67 5 50	149 5 30	10.0	5.00	.70	1000	.5 N	200 N	10 N	20	700
CR822	67 7 18	149 3 38	15.0	5.00	.70	2000	.5 N	200 N	10 N	30	1000
CR823	67 7 54	149 3 30	20.0	20.00	1.00	3000	.5 N	200 N	10 N	150	700
CR824	67 10 51	148 56 26	20.0	20.00	1.00 G	2000	.5 N	200 N	10 N	200	1000
CR825	67 8 52	149 12 42	15.0	5.00	1.00	2000	.5 N	200 N	10 N	100	1000
CR826	67 5 53	148 57 29	10.0	3.00	.50	500	.5 N	200 N	10 N	100	500
CR827	67 7 24	148 59 34	10.0	2.00	.70	2000	.5 N	200 N	10 N	150	500
CR828	67 2 42	148 56 30	10.0	3.00	.20	5000 G	.5 N	200 N	10 N	200	2000
CR829	67 0 34	148 52 41	10.0	10.00	.70	2000	.5 N	200 N	10 N	15	700
CR830	67 1 10	148 51 56	15.0	20.00	1.00 G	2000	.5 N	200 N	10 N	150	1000
CR831	67 2 8	148 42 46	10.0	10.00	.70	1000	.5 N	200 N	10 N	10	1000
CR832	67 1 31	148 45 29	10.0	3.00	.50	1000	.5 N	200 N	10 N	20	700
CR833	67 3 59	148 47 42	10.0	10.00	.70	2000	.5 N	200 N	10 N	15	500
CR834	67 5 54	148 45 11	15.0	20.00	1.00	5000	.5 N	200 N	10 N	150	700
CR835	67 8 21	148 42 24	15.0	10.00	.70	2000	.5 N	200 N	10 N	100	700
CR836	67 8 2	148 35 41	3.0	2.00	.10	1000	.5 N	200 N	10 N	10	700
CR837	67 8 31	148 37 41	10.0	10.00	.70	1000	.5 N	200 N	10 N	150	700
CR838	67 8 20	148 35 21	10.0	5.00	.70	1000	.5 N	200 N	10 N	100	700
CR839	67 45 28	149 10 5	15.0	20.00 G	.70	2000	.5 N	200 N	10 N	150	500
CR840	67 45 41	149 10 2	10.0	20.00 G	.50	1000	1.0	200	10 N	150	1000
CR841	67 46 17	149 8 40	5.0	20.00 G	.20	500	.5 N	200 N	10 N	10	300
CR842	67 48 38	148 52 22	5.0	20.00 G	.20	300	.5 N	200 N	10 N	10	300
CR843	67 48 56	148 52 22	10.0	20.00 G	.50	300	.5 N	200 N	10 N	10	300
CR844	67 50 20	148 53 12	10.0	20.00 G	.20	500	.5 N	200 N	10 N	10	300
CR845	67 49 15	148 50 43	5.0	20.00 G	.20	300	.5 N	200 N	10 N	20	2000

STREAM SEDIMENT SAMPLES FROM THE CHA OJAK QUADRANGLE, ALASKA--CONTINUED

SAMPLE	S-BE	S-BI	S-CD	S-CO	S-CK	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR	S-V
CH811	2.0	10 N	20 N	15	70	15	50	5 N	20	30	15	100 N	15	10 N	200	100
CH812	1.0	10 N	20 N	30	70	20	70	5 N	50	30	15	100 N	20	10 N	200	100
CH813	2.0	10 N	20 N	30	300	30	70	5 N	20 N	50	30	100 N	30	10 N	700	200
CH814	3.0	10 N	20 N	30	150	30	70	5 N	20 N	30	30	100 N	30	10 N	700	200
CH815	2.0	10 N	20 N	15	30	15	150	5 N	70	20	30	100 N	10	10	700	100
CH816	2.0	10 N	20 N	15	100	30	50	5 N	50	30	20	100 N	15	10 N	300	150
CH817	2.0	10 N	20 N	15	70	20	150	5	20	30	30	100 N	15	10 N	1000	100
CH818	1.0	10 N	20 N	20	100	30	70	5 N	50	30	30	100 N	20	10 N	1000	200
CH819	2.0	10 N	20 N	20	150	20	70	5 N	50	30	20	100 N	20	10 N	700	100
CH820	2.0	10 N	20 N	20	150	30	50	5 N	20 N	30	30	100 N	15	10 N	500	100
CH821	2.0	10 N	20 N	20	100	15	70	5 N	20	30	15	100 N	20	10 N	300	200
CH822	2.0	10 N	20 N	30	200	30	150	5 N	20	50	20	100 N	20	10 N	300	200
CH823	3.0	10 N	20 N	20	300	30	100	5 N	20	50	20	100 N	30	10 N	1000	500
CH824	3.0	10 N	20 N	30	300	30	300	5 N	20	70	30	100 N	50	10 N	1000	500
CH825	2.0	10 N	20 N	20	150	30	50	5 N	20	30	30	100 N	30	10 N	500	100
CH826	1.0	10 N	20 N	15	150	300	20	5 N	20 N	50	20	100 N	15	10 N	300	100
CH827	2.0	10 N	20 N	15	150	20	700	5 N	20 N	30	15	100 N	30	10 N	300	100
CH828	2.0	10 N	20 N	30	50	30	70	5 N	20 N	30	15	100 N	10	10 N	300	70
CH829	2.0	10 N	20 N	15	100	20	30	5 N	20 N	30	30	100 N	20	10 N	500	100
CH830	2.0	10 N	20 N	20	300	15	100	5 N	20	30	30	100 N	50	10	1000	200
CH831	2.0	10 N	20 N	15	100	15	100	5 N	20	30	30	100 N	20	10 N	700	100
CH832	2.0	10 N	20 N	15	30	15	150	5 N	20	20	30	100 N	10	10	500	70
CH833	2.0	10 N	20 N	20	200	30	30	5 N	20 N	30	20	100 N	20	10 N	500	100
CH834	1.0	10 N	20 N	30	200	30	30	5 N	20 N	30	20	100 N	50	10 N	300	200
CH835	1.0	10 N	20 N	30	200	30	50	5 N	20	50	20	100 N	30	10 N	200	200
CH836	2.0	10 N	20 N	10	50	10	150	5 N	20	30	30	100 N	5	10 N	300	70
CH837	2.0	10 N	20 N	15	150	20	70	5 N	50	30	30	100 N	20	10 N	500	100
CH838	2.0	10 N	20 N	20	100	20	70	5 N	50	30	30	100 N	20	10 N	500	100
CH839	1.0	10 N	20 N	20	100	300	70	5 N	20	50	30	100 N	20	10 N	500	100
CH840	1.0	10 N	20 N	30	70	300	50	5 N	20	50	30	100 N	15	10 N	300	70
CH841	1.0 L	10 N	20 N	15	50	50	50	5 N	20 N	30	30	100 N	7	10 N	300	70
CH842	1.0	10 N	20 N	15	30	30	20	5 N	20 N	30	30	100 N	7	10 N	200	70
CH843	1.0 L	10 N	20 N	20	70	100	30	5 N	20 N	30	70	100 N	7	10 N	300	70
CH844	1.0 L	10 N	20 N	15	50	50	50	5 N	20 N	30	50	100 N	7	10 N	300	70
CH845	1.0	10 N	20 N	15	70	100	50	5 N	20 N	30	70	100 N	7	10 N	300	100

STREAM SEDIMENT SAMPLES FROM THE CADDAR QUADRANGLE, ALASKA--CONTINUED

SAMPLE	S-W	S-Y	S-ZN	S-ZR	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P	AA-AG-P	AP-SR-P	AA-AU-I	CM-AS	CM-SB	AAA-AU
CH811	50 N	20	200 N	700	.00 B	0.00 B	0 R	45	.00 B	1	0 R	10 N	0 B	0 B
CH812	50 N	30	200 N	100	.00 B	0.00 B	0 R	90	.00 B	1	0 B	10 N	0 B	0 B
CH813	50 N	30	200 N	70	.00 B	0.00 B	0 B	65	.00 B	1	0 H	10 N	0 B	0 B
CH814	50 N	50	200 N	150	.00 B	0.00 B	0 R	75	.00 B	1	0 B	10 L	0 B	0 B
CH815	50 N	70	200 N	150	.00 B	0.00 B	0 R	80	.00 B	0 R	0 R	10 L	0 B	0 B
CH816	50 N	30	200 N	150	.00 B	0.00 B	0 H	75	.00 B	1	0 H	20	0 B	0 B
CH817	50 N	30	200 N	70	.00 B	0.00 B	0 R	55	.00 B	1	0 B	10 N	0 B	0 B
CH818	50 N	50	200 N	700	.00 B	0.00 B	0 B	70	.00 B	0 R	0 B	0 B	0 B	0 B
CH819	50 N	50	200 N	500	.00 B	0.00 B	0 B	95	.00 B	1	0 B	10 N	0 B	0 B
CH820	50 N	20	200	70	.00 B	0.00 B	0 R	100	.00 B	0 B	0 R	10 N	0 B	0 B
CH821	50 N	20	200 N	300	.00 B	0.00 B	0 H	80	.00 B	1	0 R	10 N	0 B	0 B
CH822	50 N	20	200	70	.00 B	0.00 B	0 R	45	.00 B	2	0 B	10 N	0 B	0 B
CH823	50 N	50	200 N	200	.00 B	0.00 B	0 B	45	.00 B	1	0 R	10 N	0 B	0 B
CH824	50 N	50	200 N	200	.00 B	0.00 B	0 B	65	.00 B	1	0 B	10 N	0 B	0 B
CH825	50 N	50	200 N	100	.00 B	0.00 B	0 R	0 R	.00 B	2	0 R	10 N	0 B	0 R
CH826	50 N	15	200 N	70	.00 B	0.00 B	0 R	0 B	.00 B	0 B	0 H	40	0 B	0 B
CH827	50 N	100	200 N	100	.00 B	0.00 B	0 R	85	.00 B	2	0 B	10 N	0 B	0 B
CH828	50 N	30	200 N	700	.00 B	0.00 B	0 B	0 R	.00 B	0 B	0 H	10 L	0 B	0 B
CH829	50 N	50	200 N	70	.00 B	0.00 B	0 R	55	.00 B	2	0 R	10 N	0 B	0 B
CH830	50 N	100	200 N	200	.00 B	0.00 B	0 R	35	.00 B	2	0 B	10 N	0 R	0 B
CH831	50 N	70	200 N	100	.00 B	0.00 B	0 R	45	.00 B	2	0 R	10 N	0 B	0 B
CH832	50 N	50	200 N	200	.00 B	0.00 B	0 R	50	.00 B	2	0 B	10 N	0 B	0 B
CH833	50 N	20	200 N	70	.00 B	0.00 B	0 B	60	.00 B	2	0 B	10 N	0 R	0 B
CH834	50 N	50	200 N	100	.00 B	0.00 B	0 R	70	.00 B	2	0 R	10 N	0 R	0 B
CH835	50 N	30	200 N	150	.00 B	0.00 B	0 R	70	.00 B	2	0 B	10 N	0 R	0 B
CH836	50 N	10	200 N	70	.00 B	0.00 B	0 B	0 R	.00 B	0 B	0 R	10 N	0 B	0 B
CH837	50 N	50	200 N	300	.00 B	0.00 B	0 R	40	.00 B	2	0 R	10 N	0 B	0 B
CH838	50 N	30	200 N	200	.00 B	0.00 B	0 R	90	.00 B	2	0 H	10 N	0 B	0 B
CH839	50 N	30	200 N	100	.00 B	0.00 B	0 R	65	.00 B	2	0 B	10	0 B	0 B
CH840	50 N	20	200 N	70	.00 B	0.00 B	0 R	55	.00 B	4	0 B	20	0 B	0 B
CH841	50 N	15	200 N	70	.00 B	0.00 B	0 R	60	.00 B	3	0 R	10	0 R	0 B
CH842	50 N	10	200 N	70	.00 B	0.00 B	0 R	70	.00 B	3	0 R	80	0 B	0 B
CH843	50 N	15	200 N	70	.00 B	0.00 B	0 R	45	.00 B	3	0 R	90	0 B	0 B
CH844	50 N	15	200 N	70	.00 B	0.00 B	0 R	90	.00 B	3	0 R	40	0 R	0 B
CH845	50 N	15	200 N	70	.00 B	0.00 B	0 R	170	.00 B	4	0 R	40	0 B	0 B

FREQUENCY TABLE FOR VARIABLE 3 (S-PFS)

LOG LIMITS	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	THEOR FREQ (THEOR FREQ - OBS FREQ)*2/THEOR FREQ
N		0	0	0.00	0.00	0.000E+01	
L		0	0	0.00	0.00	0.000E+01	
T		0	0	0.00	0.00	0.000E+01	
-7.500E-01	-5.433E-01	0	0	0.00	0.21	0.000E+01	0.000E+01
-5.833E-01	-4.167E-01	2	2	0.21	0.21	0.000E+01	0.000E+01
-4.167E-01	-2.500E-01	0	2	0.00	0.21	1.063E+02	1.063E+02
-2.500E-01	-4.332E-02	0	2	0.00	0.21	1.415E+01	1.415E+01
-8.332E-02	4.332E-02	0	2	0.00	0.21	1.325E+00	1.325E+00
4.332E-02	2.500E-01	10	12	1.05	1.26	8.316E+00	8.316E+00
2.500E-01	4.167E-01	48	60	5.02	6.28	3.562E+01	3.562E+01
4.167E-01	5.833E-01	107	167	11.19	17.47	9.900E+01	9.900E+01
5.833E-01	7.500E-01	160	327	16.74	34.21	1.880E+02	1.880E+02
7.500E-01	9.167E-01	103	430	10.77	44.98	2.399E+02	2.399E+02
9.167E-01	1.083E+00	394	824	41.21	86.19	2.657E+02	2.657E+02
1.083E+00	1.250E+00	129	953	13.49	99.69	1.185E+02	1.185E+02
1.250E+00	1.417E+00	3	956	0.31	100.00	6.013E+01	6.013E+01
G		0	956	0.00	100.00		
H		0	956				
B		68	1024				
TOTALS		956				9.560E+02	3.172E+02

HISTOGRAM FOR VARIABLE 3 (S-PFS)
MIDPOINT'S AGE EXPRESSED AS ANTILOGS

2.154E-01
3.162E-01
4.647E-01
6.813E-01
1.000E+00
1.465E+00 X
2.154E+00 XXXX
3.162E+00 XXXXXXXXXXXX
4.647E+00 XXXXXXXXXXXXXXXX
6.813E+00 XXXXXXXXXXXXXXXXXX
1.000E+00 XXXXXXXXXX
1.465E+00 XXXXXXXXXXXXXXXXXXXXXXXXXX
2.154E+00 XXXXXXXXXXXXXXXXXXXXXXXXXX
3.162E+00 XXXXXXXXXXXXXXXXXXXXXXXXXX
4.647E+00 XXXXXXXXXXXXXXXXXXXXXXXXXX
6.813E+00 XXXXXXXXXXXXXXXXXXXXXXXXXX
1.000E+00 XXXXXXXXXXXXXXXXXXXXXXXXXX
1.465E+00 XXXXXXXXXXXXXXXXXXXXXXXXXX
2.154E+00 XXXXXXXXXXXXXXXXXXXXXXXXXX

Fe

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM ANTILOG = 3.00000E-01
MAXIMUM ANTILOG = 2.00000E+01
GEOMETRIC MEAN = 7.11563E+00
GEOMETRIC DEVIATION = 1.81910E+00
VARIANCE OF LOGS = 6.75329E-02

PERCENT TABLE FOR VARIABLE 3 (S-PFS) BY LINEAR INTERPOLATION FROM FREQUENCY TABLE
IF SELECTED PERCENTILES FALL WITHIN DATA FITTED ABOVE OR BELOW THE LIMITS OF DETECTION,
THE DATA VALUE ON THE TABLE IS GIVEN AS 0.9999991E 50

SELECTED PERCENTILE	DATA VALUE	ANTI LOG OF VALUE
25.00	0.658302E+00	0.455367E+01
50.00	0.937005E+00	0.804978E+01
75.00	0.103811E+01	0.109471E+02
90.00	0.113040E+01	0.135020E+02

FREQUENCY TABLE FOR VARIABLE 4 (S-MG)

LOG LIMITS	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	THEOR FREQ (SHEUR FREQ - OBS FREQ)**2/THEOR FREQ
-1.250E+00	-1.083E+00	0	0	0.00	0.00	0.000E+01	0.000E+01
-1.083E+00	-9.167E-01	0	0	0.00	0.00	0.000E+01	0.000E+01
-9.167E-01	-7.500E-01	0	0	0.00	0.00	2.120E+02	2.120E+02
-7.500E-01	-5.833E-01	1	1	0.10	0.10	3.549E-01	1.145E+00
-5.833E-01	-4.166E-01	2	2	0.10	0.20	3.763E+00	1.547E-01
-4.166E-01	-2.500E-01	3	5	0.31	0.51	2.365E+01	1.352E+00
-2.500E-01	-8.33E-02	18	23	1.84	2.35	8.930E+01	7.709E-01
-8.33E-02	8.33E-02	225	350	23.11	10.63	2.627E+02	2.674E+04
8.33E-02	2.500E-01	185	515	18.92	57.66	2.776E+02	3.656E+01
2.500E-01	4.167E-01	364	879	37.22	69.48	2.279E+02	6.124E+01
4.167E-01	5.834E-01	54	933	5.52	95.40	1.125E+02	3.073E+01
5.834E-01	7.500E-01	28	961	2.86	98.26	3.364E+01	9.460E-01
7.500E-01	9.167E-01	9	970	0.92	99.18	6.022E+00	1.473E+00
9.167E-01	1.083E+00	8	978	0.82	100.00	6.697E+01	7.746E+01
		0	978	0.00	100.00		
		0	978				
		46	1024				
TOTALS	LESS H AND B	978				9.780E+02	2.285E+02

Mg

HISTOGRAM FOR VARIABLE 4 (S-MG) MIDPOINTS ARE EXPRESSED AS ANTILOGS

6.813E-01	XXXXXX
1.000E+01	XXXXXXXXXXXXXXXXXXXX
1.464E+01	XXXXXXXXXXXXXXXXXXXX
2.154E+01	XXXXXXXXXXXXXXXXXXXX
3.167E+01	XXXXXXXXXXXXXXXXXXXX
4.642E+01	XXXXXXXXXXXXXXXXXXXX
6.813E+01	XXXXXXXXXXXXXXXXXXXX
1.000E+02	XXXXXXXXXXXXXXXXXXXX
1.464E+02	XXXXXXXXXXXXXXXXXXXX
2.154E+02	XXXXXXXXXXXXXXXXXXXX
3.167E+02	XXXXXXXXXXXXXXXXXXXX
4.642E+02	XXXXXXXXXXXXXXXXXXXX
6.814E+02	X
1.000E+03	X

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNSQUALIFIED VALUES ONLY

MINIMUM ANTILOG	= 1.00000E-01
MAXIMUM ANTILOG	= 1.00000E+01
GEOMETRIC MEAN	= 1.53444E+00
GEOMETRIC DEVIATION	= 1.69393E+00
VARIANCE OF LOGS	= 5.23900E-01

PERCENT TABLE FOR VARIABLE 4 (S-MG) BY LINEAR INTERPOLATION FROM FREQUENCY TABLE IF SELECTED PERCENTILES FALL WITHIN DATA EITHER ABOVE OR BELOW THE LIMITS OF DETECTION, THE DATA VALUE OR THE TABLE IS GIVEN AS 0.99999915 50

SELECTED PERCENTILE	DATA VALUE	ANTI LOG OF VALUE
25.00	0.203056E-01	0.104767E+01
50.00	0.226606E+00	0.168502E+01
75.00	0.350074E+00	0.223912E+01
90.00	0.420464E+00	0.232271E+01

DATE 3/17/76

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FREQUENCY TABLE FOR VARIABLE 5 (S-CAL)

LOG LIMITS	ORIG	CUM	PERCENT	PERCENT	THEOR FREQ	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
LOWER - UPPER	FREQ	FREQ	FREQ	FREQ	(NORMAL DIST)	
N	0	0	0.00	0.00		
L	4	4	0.41	0.41		
T	0	4	0.00	0.41		
-1.583E+00 - -1.416E+00	8	12	0.62	1.23	2.730E+00	5.908E-01
-1.416E+00 - -1.250E+00	25	37	2.56	3.78	3.237E+00	3.237E+00
-1.250E+00 - -1.083E+00	26	63	2.56	6.44	6.257E+00	4.793E-01
-1.083E+00 - -9.163E-01	24	87	2.45	8.90	1.131E+01	1.654E+01
-9.163E-01 - -7.497E-01	65	152	6.65	15.54	2.990E+01	2.546E+00
-7.497E-01 - -5.830E-01	28	180	2.66	18.40	4.376E+01	1.031E+01
-5.830E-01 - -4.163E-01	77	257	7.67	26.28	5.974E+01	1.666E+01
-4.163E-01 - -2.496E-01	21	278	2.15	28.43	7.604E+01	1.210E-02
-2.496E-01 - -8.297E-02	135	413	13.60	42.33	9.025E+01	5.315E+01
-8.297E-02 - -6.370E-02	61	474	6.24	48.57	1.232E+01	1.232E+01
-6.370E-02 - -2.504E-01	71	545	7.76	56.33	4.786E+00	4.786E+00
-2.504E-01 - -4.170E-01	164	709	16.77	74.54	1.031E+02	4.222E+01
-4.170E-01 - -5.837E-01	89	818	9.10	83.64	9.926E+01	3.676E+00
-5.837E-01 - -7.504E-01	26	844	2.66	86.30	7.457E+01	2.791E+00
-7.504E-01 - -9.171E-01	73	917	7.56	93.76	5.821E+01	1.767E+01
-9.171E-01 - -1.084E+00	12	929	1.23	94.99	4.236E+01	2.215E+01
-1.084E+00 - -1.250E+00	35	964	3.58	98.57	2.675E+01	9.762E+00
-1.250E+00 - -1.417E+00	14	978	1.43	100.00	4.041E+01	7.254E+01
G	0	978			7.629E+06	2.569E+07
H	0	978				
B	46	1024				
TOTALS LESS H AND B		978			9.780E+02	2.569E+07

Ca

HISTOGRAM FOR VARIABLE 5 (S-CAL) MIDPOINTS ARE EXPRESSED AS ANTILOGS

SELECTED PERCENTILE	DATA VALUE	ANTI LOG OF VALUE
25.00	-0.276697E+00	0.528814E+00
50.00	0.240042E+00	0.173013E+01
75.00	0.592137E+00	0.390964E+01
90.00	0.999700E+00	0.999310E+01

PERCENT TABLE FOR VARIABLE 5 (S-CAL) BY LINEAR INTERPOLATION FROM FREQUENCY TABLE
IF SELECTED PERCENTILES FALL WITHIN DATA EITHER ABOVE OR BELOW THE LIMITS OF DETECTION,
THE DATA VALUE ON THE TABLE IS GIVEN AS 0.9999999E 50

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM ANTILOG	=	5.00000E-02
MAXIMUM ANTILOG	=	2.00000E+01
GEOMETRIC MEAN	=	1.40840E+00
GEOMETRIC DEVIATION	=	4.09323E+00
VARIANCE OF LOGS	=	3.74625E-01

FREQUENCY TABLE FOR VARIABLE 6 (S-TI%)

LOG LIMITS	UPPER	ORIG FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	THEOR FREQ - OBS FREQ)**2/THEOR FREQ
-1.750E+00	-1.583E+00	0	0	0.00	0.00	0.000E-01	0.000E-01
-1.575E+00	-1.417E+00	0	0	0.00	0.00	0.000E-01	0.000E-01
-1.475E+00	-1.250E+00	1	1	0.10	0.10	1.717E-02	2.289E+02
-1.250E+00	-1.083E+00	2	3	0.20	0.31	3.013E-01	9.579E+00
-1.075E+00	-0.916E+00	11	16	1.12	1.64	3.289E+00	1.649E+01
-9.166E-01	-7.500E-01	13	29	1.33	2.97	2.126E+01	3.210E+00
-7.500E-01	-5.833E-01	79	104	8.68	11.04	8.304E+01	1.985E-01
-5.833E-01	-4.166E-01	155	263	15.85	26.89	1.950E+02	8.207E+00
-4.166E-01	-2.500E-01	258	521	26.33	53.27	2.756E+02	1.127E+00
-2.500E-01	-8.330E-02	350	871	35.79	89.06	2.346E+02	5.675E+01
-8.330E-02	0.000E+00	84	955	8.59	97.65	1.649E+02	3.969E+01
		23	978	2.35	100.00	0.000E-01	0.000E-01
		0	978				
		46	1024				
TOTALS	LESS H AND H		978			9.780E+02	3.660E+02

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HISTOGRAM FOR VARIABLE 6 (S-TI%)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

2.154E-02
3.102E-02
4.642E-02
6.813E-02
1.000E-01 X
1.608E-01 X
2.155E-01 XXXXXXXX
3.162E-01 XXXXXXXXXXXXXXXX
4.642E-01 XXXXXXXXXXXXXXXXXXXX
6.813E-01 XXXXXXXXXXXXXXXXXXXXXXXX
1.000E+00 XXXXXXXX

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM ANTILOG = 3.00000E-02
MAXIMUM ANTILOG = 1.00000E+00
GEOMETRIC MEAN = 4.69493E-01
GEOMETRIC DEVIATION = 1.68533E+00
VARIANCE OF LOGS = 5.13864E-02

PERCENT TABLE FOR VARIABLE 6 (S-TI%) BY LINEAR INTERPOLATION FROM FREQUENCY TABLE

IF SELECTED PERCENTILES FALL WITHIN DATA EITHER ABOVE OR BELOW THE LIMITS OF DETECTION, THE DATA VALUE ON THE TABLE IS GIVEN AS 0.9999991E 50

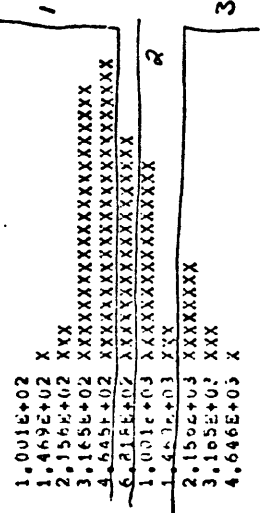
SELECTED PERCENTILE	DATA VALUE	ANTI LOG OF VALUE
25.00	-0.43653E+00	0.38558E+00
50.00	-0.27064E+00	0.53823E+00
75.00	-0.14877E+00	0.76994E+00
90.00	-0.65045E-01	0.80903E+00

FREQUENCY TABLE FOR VARIABLE 7 (S-MN)

LOG LIMITS	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	THEOR FREQ - OBS FREQ**2/SHEUR FREQ
1.917E+00	2.084E+00	0	0	0.00	0.00	7.867E+00	7.867E+00
2.084E+00	2.250E+00	0	0	0.00	0.00	7.906E+00	7.906E+00
2.250E+00	2.417E+00	12	12	1.23	1.23	1.745E+01	1.745E+01
2.417E+00	2.584E+00	33	45	3.37	4.60	6.110E+01	6.110E+01
2.584E+00	2.750E+00	218	263	22.29	26.89	1.292E+02	1.292E+02
2.750E+00	2.917E+00	230	493	23.52	50.41	1.875E+02	1.875E+02
2.917E+00	3.084E+00	176	669	16.00	68.40	2.056E+02	2.056E+02
3.084E+00	3.250E+00	161	830	16.46	84.87	1.705E+02	1.705E+02
3.250E+00	3.417E+00	28	858	2.66	87.73	1.008E+02	1.008E+02
3.417E+00	3.584E+00	74	932	7.57	95.30	5.058E+01	5.058E+01
3.584E+00		28	960	2.66	96.16	1.810E+01	1.810E+01
		13	973	1.33	99.49	6.005E+00	6.005E+00
		5	978	0.51	100.00	2.109E+00	2.109E+00
		0	978				
		46	1024				
TOTALS	LESS H AND B	978				9.780E+02	1.951E+02

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HISTOGRAM FOR VARIABLE 7 (S-MN) MIDPOINTS ARE EXPRESSED AS ANTILOGS



THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM ANTILOG	=	1.50000E+02
MAXIMUM ANTILOG	=	5.00000E+03
GEOMETRIC MEAN	=	6.32172E+02
GEOMETRIC DEVIATION	=	2.02004E+00
VARIANCE OF LOGS	=	9.32468E-02

PERCENT TABLE FOR VARIABLE 7 (S-MN) BY LINEAR INTERPOLATION FROM FREQUENCY TABLE

IF SELECTED PERCENTILES FALL WITHIN DATA FITTER ABOVE OR BELOW THE LIMITS OF DETECTION, THE DATA VALUE ON THE TABLE IS GIVEN AS 0.9999991E 50

SELECTED PERCENTILE	DATA VALUE	ANTI LOG OF VALUE
25.00	0.256954E+01	0.371138E+03
50.00	0.274745E+01	0.559051E+03
75.00	0.298379E+01	0.903366E+03
90.00	0.330036E+01	0.199692E+04

FREQUENCY TABLE FOR VARIABLE 8 (S-AG)

LOG LIMITS	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
N		839	839	85.79	95.79	0.000E-01	0.000E-01
L		125	964	12.78	99.57	7.400E+00	7.400E+00
T		0	964	0.00	99.57	8.044E+02	7.944E+02
-5.820E-01	-4.163E-01	0	964	0.00	99.57	0.000E-01	0.000E-01
-4.193E-01	-2.497E-01	5	969	0.51	99.08	0.000E-01	0.000E-01
-2.47E-01	-8.299E-02	0	969	0.00	99.08	0.000E-01	0.000E-01
-8.299E-02	8.368E-02	5	974	0.51	99.59	0.000E-01	0.000E-01
8.368E-02	2.504E-01	0	974	0.00	99.59	0.000E-01	0.000E-01
2.504E-01	4.170E-01	2	976	0.20	99.80	0.000E-01	0.000E-01
4.170E-01	5.837E-01	2	978	0.20	100.00	1.662E+02	1.662E+02
G		0	978	0.00	100.00		
H		0	978	0.00	100.00		
B		46	1024				
TOTALS LESS H AND B		978				9.780E+02	9.641E+02

Ag

HISTOGRAM FOR VARIABLE 9 (S-AG)
ADPOINTS ARE EXPRESSED AS ANTILOGS

- 3.165E-01
- 4.645E-01 X
- 5.814E-01
- 1.001E+00 X
- 1.469E+00
- 2.156E+00
- 3.165E+00

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

- MINIMUM ANTILOG = 5.00000E-01
- MAXIMUM ANTILOG = 3.00000E+00
- GEOMETRIC MEAN = 1.00845E+00
- GEOMETRIC DEVIATION = 1.94754E+00
- VARIANCE OF LOGS = 8.33028E-02

PERCENT TABLE FOR VARIABLE 8 (S-AG) BY LINEAR INTERPOLATION FROM FREQUENCY TABLE
IF SELECTED PERCENTILES FALL WITHIN DATA EITHER ABOVE OR BELOW THE LIMITS OF DETECTION,
THE DATA VALUE ON THE TABLE IS GIVEN AS 0.999999E 50

SELECTED PERCENTILE	DATA VALUE	ANTI LOG OF VALUE
25.00	0.100000E+36	0.100000E+36
50.00	0.100000E+36	0.100000E+36
75.00	0.100000E+36	0.100000E+36
90.00	0.100000E+36	0.100000E+36

FREQUENCY TABLE FOR VARIABLE 9 (S-B)

LOG LIMITS	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
1.9.170E-01	1.084E+00	2	2	0.20	0.20	2.341E+00	6.844E+01
1.1.064E+00	1.250E+00	13	15	1.33	1.53	6.434E+00	1.961E+02
1.1.250E+00	1.417E+00	0	15	0.00	1.53	1.857E+01	3.953E+00
1.1.417E+00	1.584E+00	42	57	4.29	5.83	4.304E+01	4.911E+00
1.1.584E+00	1.750E+00	29	86	2.97	8.80	8.309E+01	9.163E+00
1.1.750E+00	1.917E+00	56	142	5.73	14.53	1.310E+02	1.685E+01
1.1.917E+00	2.084E+00	84	226	8.59	23.12	1.673E+02	2.470E+01
1.2.084E+00	2.250E+00	103	329	10.53	33.65	1.733E+02	1.033E+02
1.2.250E+00	2.417E+00	173	502	17.59	51.24	1.483E+02	1.852E+02
1.2.417E+00	2.584E+00	314	816	31.19	82.43	1.029E+02	6.607E+00
1.2.584E+00	2.750E+00	129	945	13.19	95.62	5.830E+01	3.837E+01
1.2.750E+00	2.917E+00	11	956	1.12	96.74	2.695E+01	1.066E+01
1.2.917E+00	3.084E+00	10	966	1.02	97.76	1.427E+01	1.055E+01
1.3.084E+00	3.250E+00	2	968	0.20	97.96		
1.3.250E+00	3.417E+00	0	968	0.00	98.00		
1.3.417E+00	3.584E+00	46	1014	4.60	102.56		
1.3.584E+00	3.750E+00	978	978	97.80	100.00	9.780E+02	5.755E+02

B

HISTOGRAM FOR VARIABLE 9 (S-B)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

1.001E+01	XXXX
1.469E+01	X
2.156E+01	XXX
3.165E+01	XXXXXX
4.545E+01	XXXXXXXXXX
6.618E+01	XXXXXXXXXXXX
1.001E+02	XXXXXXXXXXXXXXXXXXXX
1.469E+02	XXXXXXXXXXXXXXXXXXXXXXXXXXXX
2.156E+02	XXXXXXXXXXXXXXXXXXXXXXXXXXXX
3.165E+02	X
4.545E+02	X
6.618E+02	

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM ANTILOG	=	1.00000E+01
MAXIMUM ANTILOG	=	7.00000E+02
GEOMETRIC MEAN	=	9.24174E+01
GEOMETRIC DEVIATION	=	2.23584E+00
VARIANCE OF LOGS	=	1.22111E-01

PERCENT TABLE FOR VARIABLE 9 (S-B) BY LINEAR INTERPOLATION FROM FREQUENCY TABLE
IF SELECTED PERCENTILES FALL WITHIN DATA EITHER ABOVE OR BELOW THE LIMITS OF DETECTION,
THE DATA VALUE ON THE TABLE IS GIVEN AS 0.9999991E 50

SELECTED PERCENTILE	DATA VALUE	ANTI LOG OF VALUE
25.00	0.176410E+01	0.586904E+02
50.00	0.206153E+01	0.115221E+03
75.00	0.272012E+01	0.158950E+03
90.00	0.232039E+01	0.209116E+03

FREQUENCY TABLE FOR VARIABLE 10 (S=BA)

LOG LIMITS	LOWER	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
			0	0	0.00	0.00	0.000E+01	0.000E+01
			2	2	0.70	0.20	0.000E+01	0.000E+01
			0	2	0.00	0.20	1.462E+02	6.639E+01
			1	3	0.10	0.31	1.794E+01	3.741E+00
			1	4	0.10	0.41	1.574E+01	2.120E+01
			3	7	0.31	0.52	9.344E+00	4.344E+00
			14	22	1.43	2.25	3.765E+01	1.503E+01
			63	85	6.44	8.69	1.035E+02	1.588E+01
			31	116	31.29	39.98	1.922E+02	6.731E+01
			306	629	24.34	64.31	2.423E+02	7.744E+02
			238	867	20.35	84.66	2.074E+02	3.415E+01
			199	1066	9.00	93.66	1.205E+02	8.786E+00
			88	1154	2.66	96.32	4.755E+01	9.756E+00
			26	1220	2.66	98.98	1.273E+01	1.633E+01
			28	1248	0.72	99.70	2.319E+00	9.523E+00
			7	1255	0.10	100.00	3.091E-01	1.544E+00
			1	1256	0.00	100.00		
			0	1256				
			0	1256				
			46	1302				
			978				9.786E+02	2.213E+02

Bo

TOTALS LESS H AND H 978

HISTOGRAM FOR VARIABLE 10 (S=BA) MIDPOINTS ARE EXPRESSED AS ANTILOGS

2.154E+01	
3.162E+01	
4.642E+01	
6.813E+01	
1.000E+02	X
1.468E+02	X
2.155E+02	XXXXX
3.162E+02	XXXXXXXXXXXXXXXXXXXXXXXXXXXX
4.642E+02	XXXXXXXXXXXXXXXXXXXXXXXXXXXX
6.813E+02	XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1.000E+03	XXXXXXXXXX
1.468E+03	XXX
2.155E+03	XXX
3.163E+03	X
4.642E+03	

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM ANTILOG	=	3.00000E+01
MAXIMUM ANTILOG	=	5.00000E+03
GEOMETRIC MEAN	=	4.83563E+02
GEOMETRIC DEVIATION	=	1.62764E+00
VARIANCE OF LOGS	=	6.85871E-02

PERCENT TABLE FOR VARIABLE 10 (S=BA) BY LINEAR INTERPOLATION FROM FREQUENCY TABLE IF SELECTED PERCENTILES FALL WITHIN DATA EITHER ABOVE OR BELOW THE LIMITS OF DETECTION, THE DATA VALUE ON THE TABLE IS GIVEN AS 0.9999991E 50

SELECTED PERCENTILE	DATA VALUE	ANTI LOG OF VALUE
25.00	0.250367E+01	0.318835E+03
50.00	0.25199E+01	0.444734E+03
75.00	0.25375E+01	0.687943E+03
90.00	0.301557E+01	0.103649E+04

DATE 3/17/70

D0036 GRAPHICAL ANALYSIS - U S G S STATPAC (01/06/75)

FREQUENCY TABLE FOR VARIABLE 11 (S-ME)

LOG LIMITS	UPPER	ORS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM-FREQ	THEOR FREQ (NORMAL DIST)	THEOR FREQ (THEOR FREQ - OBS FREQ)**2/THEOR FREQ
		66	66	6.75	6.75	1.751E+01	1.259E+03
		100	166	10.22	16.97	9.457E+01	9.457E+01
		0	166	0.00	16.97	2.711E+02	1.206E+02
		0	166	0.00	16.97	3.397E+02	3.259E+02
-2.500E-01	-8.333E-02	452	616	46.22	63.19	1.543E+02	1.543E+01
-8.333E-02	6.333E-02	7	625	0.72	63.91	5.655E+01	5.442E+01
8.333E-02	2.500E-01	243	868	24.55	88.75	6.276E+00	8.362E-02
2.500E-01	4.167E-01	103	971	10.53	99.28		
4.167E-01	5.833E-01	7	978	0.72	100.00		
5.833E-01	7.500E-01	0	978	0.00	100.00		
		0	978	0.00	100.00		
		46	1024				
		978				9.780E+02	1.871E+03

TOTALS LESS H AND H 978

Be

HISTOGRAM FOR VARIABLE 11 (S-ME)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

6.813E-01	XX
1.000E+00	XX
1.464E+00 X	XX
2.154E+00	XX
3.162E+00	XX
4.642E+00 X	XX

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM ANTILOG	= 1.00000E+00
MAXIMUM ANTILOG	= 5.00000E+00
GEOMETRIC MEAN	= 1.43930E+00
GEOMETRIC DEVIATION	= 1.54323E+00
VARIANCE OF LOGS	= 3.55057E-02

PERCENT TABLE FOR VARIABLE 11 (S-ME) BY LINEAR INTERPOLATION FROM FREQUENCY TABLE
IF SELECTED PERCENTILES FALL OUTSIDE DATA EITHER ABOVE OR BELOW THE LIMITS OF DETECTION,
THE DATA VALUE ON THE TABLE IS GIVEN AS 0.9999991E 50

PERCENTILE	SELECTED PERCENTILE	DATA VALUE	ANTI LOG OF VALUE
25.00		-0.543640E-01	0.462299E+00
50.00		0.357727E-01	0.104566E+01
75.00		0.324424E+00	0.211071E+01
90.00		0.436422E+00	0.273163E+01

85

DATE 3/17/76

D0036 GRAPHICAL ANALYSIS - U S G S STATPAC (01/06/75)

FREQUENCY TABLE FOR VARIABLE 12 (S-CO)

LOG LIMITS UPPER LOWER

LOG LIMITS	UPPER	ORS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
N		4	4	0.41	0.41	0.000E+01	0.000E+01
L		65	69	6.65	7.06	0.000E+01	0.000E+01
T		0	69	0.00	7.06	0.000E+01	0.000E+01
-5.830E-01	-4.163E-01	0	69	0.00	7.06	0.000E+01	0.000E+01
-4.163E-01	-2.407E-01	0	69	0.00	7.06	0.000E+01	0.000E+01
-2.407E-01	-8.252E-02	0	69	0.00	7.06	0.000E+01	0.000E+01
-8.252E-02	8.368E-02	0	69	0.00	7.06	0.000E+01	0.000E+01
8.368E-02	2.504E-01	0	69	0.00	7.06	0.000E+01	0.000E+01
2.504E-01	4.170E-01	0	69	0.00	7.06	0.000E+01	0.000E+01
4.170E-01	5.837E-01	0	69	0.00	7.06	1.903E-01	1.903E-01
5.837E-01	7.504E-01	9	78	0.92	7.98	3.972E+00	6.367E+00
7.504E-01	9.170E-01	3	81	0.31	8.28	3.807E+01	3.273E+01
9.170E-01	1.084E+00	96	177	9.42	18.10	1.654E+02	2.909E+01
1.084E+00	1.250E+00	388	565	35.57	57.77	3.272E+02	1.136E+01
1.250E+00	1.417E+00	250	815	25.56	83.33	2.959E+02	7.178E+00
1.417E+00	1.584E+00	143	958	14.52	97.96	1.223E+02	3.515E+00
1.584E+00	1.750E+00	15	973	1.53	99.49	2.295E+01	2.776E+00
1.750E+00	1.917E+00	0	973	0.00	99.49	1.955E+00	1.955E+00
1.917E+00	2.084E+00	3	976	0.31	99.80	0.000E+01	0.000E+01
2.084E+00	2.250E+00	1	977	0.10	99.90	0.000E+01	0.000E+01
2.250E+00	2.417E+00	0	977	0.00	99.90	0.000E+01	0.000E+01
2.417E+00	2.584E+00	0	977	0.00	99.90	0.000E+01	0.000E+01
2.584E+00	2.750E+00	0	977	0.00	99.90	0.000E+01	0.000E+01
2.750E+00	2.917E+00	1	978	0.10	100.00	7.593E-02	1.125E+01
2.917E+00		0	978	0.00	100.00		
H		0	978				
B		46	1024				

TOTALS LESS H AND B 978 9.780E+02 1.059E+02

HISTOGRAM FOR VARIABLE 12 (S-CO) MIDPOINTS ARE EXPRESSED AS ANTILOGS

ANTILOG	PERCENT	DATA VALUE	ANTI LOG OF VALUE
3.165E-01	25.00	0.111270E+01	0.129627E+02
4.245E-01	50.00	0.121772E+01	0.165091E+02
6.818E-01	75.00	0.136271E+01	0.230518E+02
1.001E+00	50.00	0.149303E+01	0.311195E+02
1.469E+00			
2.154E+00			
3.165E+00			
4.245E+00			
6.818E+00			
1.001E+01			
1.469E+01			
2.154E+01			
3.165E+01			
4.245E+01			
6.818E+01			
1.001E+02			
1.469E+02			
2.154E+02			
3.165E+02			
4.245E+02			
6.818E+02			

PERCENT TABLE FOR VARIABLE 12 (S-CO) BY LINEAR INTERPOLATION FROM FREQUENCY TABLE IF SELECTED PERCENTILES FALL WITHIN DATA EITHER ABOVE OR BELOW THE LIMITS OF DETECTION, THE DATA VALUE ON THE TABLE IS GIVEN AS 0.99999991E 50

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM ANTILOG	=	5.00000E+00
MAXIMUM ANTILOG	=	7.00000E+02
GEOMETRIC MEAN	=	1.76881E+01
GEOMETRIC DEVIATION	=	1.49267E+00
VARIANCE OF LOGS	=	3.02631E+02

FREQUENCY TABLE FOR VARIABLE 13 (S-CR)

LOG LIMITS	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
9.172E+01	1.084F+00	0	0	0.00	0.00	3.855E-02	2.398E+01
1.084E+00	1.250E+00	0	0	0.00	0.00	6.808E-01	1.618E+01
1.250E+00	1.417E+00	1	1	0.10	0.10	7.025E+00	2.306E+00
1.417E+00	1.584E+00	3	4	0.41	0.51	4.115E+01	2.861E+00
1.584E+00	1.750E+00	8	12	0.63	0.82	1.371E+02	1.465E+01
1.750E+00	1.917E+00	52	64	5.32	6.13	2.604E+02	1.455E+01
1.917E+00	2.084E+00	152	216	15.54	15.54	2.821E+02	3.873E+00
2.084E+00	2.250E+00	326	542	33.33	48.88	1.743E+02	4.079E+00
2.250E+00	2.417E+00	249	791	25.46	74.34	6.143E+01	1.033E+01
2.417E+00	2.584E+00	201	992	20.55	94.89	1.232E+01	1.415E+01
2.584E+00	2.750E+00	36	1028	3.68	98.57	1.404E+00	1.162E+01
2.750E+00	2.917E+00	11	1039	1.12	99.69	9.401E-02	3.864E+01
TOTALS		978		100.00	100.00		
LESS H		0	978	0.00			
AND B		46	1024	0.00			
						9.780E+02	1.341E+02

Cr

HISTOGRAM FOR VARIABLE 13 (S-CR)
 MIDPOINTS ARE EXPRESSED AS ANTILOGS

1.001E+01
1.469E+01
2.156E+01
3.165E+01
4.645E+01
6.818E+01
1.001E+02
1.469E+02
2.156E+02
3.165E+02
4.645E+02
6.818E+02

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM ANTILOG = 1.00000E+01
MAXIMUM ANTILOG = 7.00000E+02
GEOMETRIC MEAN = 8.72551E+01
GEOMETRIC DEVIATION = 1.64854E+00
VARIANCE OF LOGS = 4.71322E-02

PERCENT TABLE FOR VARIABLE 13 (S-CR) BY LINEAR INTERPOLATION FROM FREQUENCY TABLE
 IF SELECTED PERCENTILES FALL WITHIN DATA EITHER ABOVE OR BELOW THE LIMITS OF DETECTION,
 THE DATA VALUE ON THE TABLE IS GIVEN AS 0.99999991E 50

SELECTED PERCENTILE	DATA VALUE	ANTI LOG OF VALUE
25.00	0.179744E+01	0.627540E+02
50.00	0.192438E+01	0.840200E+02
75.00	0.208900E+01	0.127766E+03
90.00	0.221072E+01	0.162452E+03

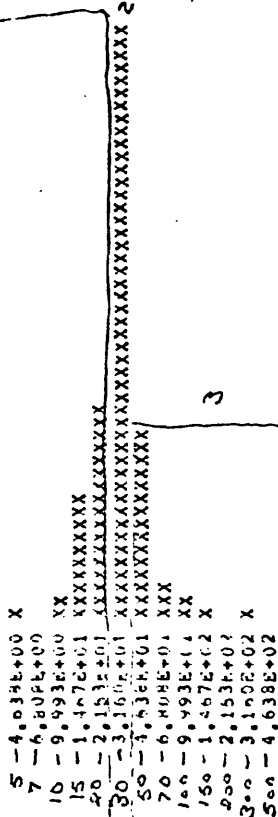
FREQUENCY TABLE FOR VARIABLE 14 (S-CU)

LOG LIMITS	UPPER	URS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
		0	0	0.00	0.00	1.006E-01	4.041E+00
		1	1	0.10	0.10	1.156E+00	2.954E+01
		0	1	0.00	0.10	8.742E+00	5.199E+00
		8	8	0.72	0.82	4.135E+01	1.001E+01
		21	10	2.15	3.17	1.225E+02	4.491E+00
		99	130	10.12	13.29	2.273E+02	1.654E+01
		166	296	16.97	30.27	2.646E+02	1.502E+02
		464	760	47.44	77.71	1.933E+02	9.238E+00
		151	911	15.44	53.15	8.849E+01	3.605E+01
		32	943	3.27	96.42	2.537E+01	3.472E+00
		16	959	1.64	98.06	4.560E+00	6.323E+00
		9	964	0.92	98.98	5.121E-01	4.324E+00
		2	970	0.20	99.18	0.000E-01	0.000E-01
		5	975	0.51	99.69	3.752E-02	2.339E+02
		3	978	0.31	100.00		
		0	978	0.00	100.00		
		46	1024				

TOTALS LESS M AND B 978 9.780E+02 9.153E+02

Ca

HISTOGRAM FOR VARIABLE 14 (S-CU) MIDPOINTS ARE EXPRESSED AS ANTILOGS



THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

- MINIMUM ANTILOG = 5.00000E+00
- MAXIMUM ANTILOG = 5.00000E+02
- GEOMETRIC MEAN = 2.96123E+01
- GEOMETRIC DEVIATION = 1.72975E+00
- VARIANCE OF LOGS = 5.66367E-02

PERCENT TABLE FOR VARIABLE 14 (S-CU) BY LINEAR INTERPOLATION FROM FREQUENCY TABLE IF SELECTED PERCENTILES FALL WITHIN DATA EITHER ABOVE OR BELOW THE LIMITS OF DETECTION, THE DATA VALUE ON THE TABLE IS GIVEN AS 0.99999991E 50

SELECTED PERCENTILE	DATA VALUE	ANTI LOG OF VALUE
25.00	0.136464E+01	23 0.231549E+02
50.00	0.148566E+01	37 0.309968E+02
75.00	0.157350E+01	38 0.374543E+02
90.00	0.171569E+01	52 0.519629E+02

FREQUENCY TABLE FOR VARIABLE 15 (S-LA)

LOG LIMITS	UPPER	ORS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DISF)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
N		188	188	19.22	19.22	3.467E+01	9.694E+02
L		30	218	3.07	22.29	7.964E+01	7.964E+01
T		0	218	0.00	22.29	1.620E+02	5.490E+02
1.250E+00	1.250E+00	0	218	0.00	22.29	2.243E+02	3.733E+01
1.514E+00	1.514E+00	195	383	16.67	39.16	2.229E+02	3.577E-01
1.583E+00	1.583E+00	136	519	13.41	53.07	1.506E+02	1.330E+01
1.750E+00	1.750E+00	214	733	21.84	74.95	7.066E+01	2.181E+00
1.916E+00	1.916E+00	163	896	16.67	91.62	2.293E+01	1.577E+00
2.083E+00	2.083E+00	40	936	4.09	95.71	5.150E+00	1.799E+00
2.250E+00	2.250E+00	30	966	3.07	96.77	8.002E-01	3.924E+01
2.416E+00	2.416E+00	8	974	0.82	99.59	9.270E-02	
2.583E+00	2.583E+00	2	976	0.20	99.80		
2.750E+00	2.750E+00	2	978	0.20	100.00		
G		0	978	0.00	100.00		
H		0	978				
B		46	1024				
TOTALS LESS H AND B		978				9.780E+02	1.146E+03

La

HISTOGRAM FOR VARIABLE 15 (S-LA) MIDPOINTS ARE EXPRESSED AS ANTILOGS

1.467E+01
2.153E+01
3.160E+01
4.638E+01
6.608E+01
9.493E+01
1.467E+02
2.153E+02
3.160E+02
4.638E+02

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM ANTILOG = 2.00000E+01
MAXIMUM ANTILOG = 5.00000E+02
GEOMETRIC MEAN = 4.46591E+01
GEOMETRIC DEVIATION = 1.81685E+00
VARIANCE OF LOGS = 6.72466E-02

PERCENT TABLE FOR VARIABLE 15 (S-LA) BY LINEAR INTERPOLATION FROM FREQUENCY TABLE IF SELECTED PERCENTILES FALL WITHIN DATA EITHER ABOVE OR BELOW THE LIMITS OF DETECTION, THE DATA VALUE ON THE TABLE IS GIVEN AS 0.9999991E 50

SELECTED PERCENTILE	DATA VALUE	ANTI LOG OF VALUE
25.00	0.127644E+01	0.189990E+02
50.00	0.154024E+01	0.351758E+02
75.00	0.175019E+01	0.562589E+02
90.00	0.190019E+01	0.794684E+02

D0036 GRAPHICAL ANALYSIS - U S G S STATPAC (01/06/75)

FREQUENCY TABLE FOR VARIABLE 16 (S=MO)

LOG LIMITS	UPPER	ORIG FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
N		825	825	100.00	100.00		
L		106	931	10.44	94.44		
T		0	931	10.45	95.29		
2	2.497E-01	0	931	0.00	95.29	2.441E+02	3.551E+07
3	4.163E-01	9	940	0.92	96.21	1.942E+00	1.942E+00
4	5.830E-01	2	942	0.20	96.42	4.189E+01	2.583E+01
5	7.497E-01	14	956	1.43	97.85	2.518E+02	2.475E+02
6	9.163E-01	13	969	1.33	99.18	4.335E+02	4.059E+02
7	1.083E+00	1	970	0.10	99.28	2.159E+02	1.907E+02
8	1.250E+00	6	976	0.61	99.90	3.072E+01	2.875E+01
9	1.416E+00	0	976	0.00	99.90	1.213E+00	1.890E+01
10	1.583E+00	1	977	0.10	100.00	0.000E+01	0.000E+01
G		0	977	0.00	100.00	1.293E+02	7.537E+01
H		0	977				
R		47	1024				
TOTALS	LESS H AND B	977				9.770E+02	3.551E+07

HISTOGRAM FOR VARIABLE 16 (S=MO) MIDPOINTS ARE EXPRESSED AS ANTILOGS

- 1.467E+00
- 2.153E+00 X
- 3.160E+00
- 4.538E+00 X
- 6.508E+00 X
- 9.993E+00
- 1.467E+01 X
- 2.153E+01
- 3.160E+01

MO

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

- MINIMUM ANTILOG = 2.00000E+00
- MAXIMUM ANTILOG = 3.00000E+01
- GEOMETRIC MEAN = 5.47592E+00
- GEOMETRIC DEVIATION = 1.95105E+00
- VARIANCE OF LOGS = 6.42559E+02

PERCENT TABLE FOR VARIABLE 16 (S=MO) BY LINEAR INTERPOLATION FROM FREQUENCY TABLE IF SELECTED PERCENTILES FALL WITHIN DATA EITHER ABOVE OR BELOW THE LIMITS OF DETECTION, THE DATA VALUE ON THE TABLE IS GIVEN AS 0.9999991E 50

SELECTED PERCENTILE	DATA VALUE	ANTI LOG OF VALUE
25.00	0.100000E+36	0.100000E+36
50.00	0.100000E+36	0.100000E+36
75.00	0.100000E+36	0.100000E+36
90.00	0.100000E+36	0.100000E+36

FREQUENCY TABLE FOR VARIABLE 17 (S=NB)

LOG LIMITS	UPPER	ORIG FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
N		425	425	43.46	43.46	1.824E+01	1.615E+04
L		136	561	13.91	57.36	2.172E+02	2.177E+04
T		0	561	0.00	57.36	4.981E+02	5.343E+01
1.083E+00	1.250E+00	335	896	34.25	91.62	2.248E+02	1.839E+02
2.01250E+00	1.416E+00	16	912	1.64	93.25	1.928E+01	4.897E+01
3.01416E+00	1.583E+00	50	962	5.11	98.36	0.000E-01	0.000E-01
4.01583E+00	1.750E+00	9	971	0.92	99.28	0.000E-01	0.000E-01
5.01750E+00	1.916E+00	6	977	0.61	99.90	0.000E-01	0.000E-01
6.01916E+00	2.083E+00	0	977	0.00	99.90	0.000E-01	0.000E-01
7.02083E+00	2.250E+00	0	977	0.00	99.90	0.000E-01	0.000E-01
8.02250E+00	2.416E+00	1	978	0.10	100.00	2.926E-01	1.708E+00
9.02416E+00	2.583E+00	0	978	0.00	100.00		
G		0	978	0.00			
H		0	976				
H		46	1024				
TOTALS LESS H AND B		978				9.780E+02	1.667E+04

HISTOGRAM FOR VARIABLE 17 (S=NB)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

- 1.467E+01
- 2.153E+01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
- 3.160E+01 XX
- 4.636E+01 XXXXX
- 6.408E+01 X
- 9.893E+01 X
- 1.467E+02
- 2.153E+02
- 3.160E+02

Ab

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

- MINIMUM ANTILOG = 2.00000E+01
- MAXIMUM ANTILOG = 3.00000E+02
- GEOMETRIC MEAN = 2.39955E+01
- GEOMETRIC DEVIATION = 1.49729E+00
- VARIANCE OF LOGS = 3.07323E-02

PERCENT TABLE FOR VARIABLE 17 (S=NB) BY LINEAR INTERPOLATION FROM FREQUENCY TABLE
IF SELECTED PERCENTILES FALL WITHIN DATA EITHER ABOVE OR BELOW THE LIMITS OF DETECTION,
THE DATA VALUE ON THE TABLE IS GIVEN AS 0.9999991E 50

SELECTED PERCENTILE	DATA VALUE	ANTI LOG OF VALUE
45.00	0.1000000E+36	0.1000000E+36
50.00	0.1000000E+36	0.1000000E+36
75.00	0.13549E+01	0.216517E+02
90.00	0.140848E+01	0.256141E+02

FREQUENCY TABLE FOR VARIABLE 18 (S=NI)

LOG LIMITS	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/(THEOR FREQ)
5 5.830E+01	7.497E+01	0	0	0.00	0.00	7.551E+02	1.132E+01
7 7.497E+01	9.163E+01	1	1	0.00	0.00	1.228E+00	6.262E+00
9 9.163E+01	1.083E+02	4	5	0.10	0.10	1.148E+01	1.912E+01
1 1.083E+02	1.250E+02	10	15	1.02	1.53	5.993E+01	6.144E+01
3 1.250E+02	1.416E+02	66	81	6.75	8.28	1.750E+02	7.557E+01
5 1.416E+02	1.583E+02	141	141	14.42	14.42	2.663E+02	8.401E+01
7 1.583E+02	1.750E+02	442	583	45.19	54.61	2.622E+02	7.983E+00
9 1.750E+02	1.916E+02	217	800	22.19	81.80	1.353E+02	2.596E+00
1 1.916E+02	2.083E+02	154	954	15.75	97.55	3.899E+01	8.304E+00
3 2.083E+02	2.250E+02	21	975	2.15	99.69	6.876E+00	2.187E+00
5 2.250E+02		3	978	0.31	100.00		
G		0	978	0.00			
H		0	978				
B		46	1024				
TOTALS	LESS H AND B	978				9.780E+02	1.996E+02

NI

HISTOGRAM FOR VARIABLE 18 (S=NI)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

4.638E+00	
6.809E+00	
9.493E+00 X	
1.467E+01 XXXXXX	
2.153E+01 XXXXX	
3.160E+01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	
4.638E+01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	
6.809E+01 XXXXXXXXXXXXXXXXXXXXXXX	
9.493E+01 XX	
1.467E+02	

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM ANTILOG	=	5.00000E+00
MAXIMUM ANTILOG	=	1.50000E+02
GEOMETRIC MEAN	=	3.61646E+01
GEOMETRIC DEVIATION	=	1.63567E+00
VARIANCE OF LOGS	=	4.56661E-02

PERCENT TABLE FOR VARIABLE 18 (S=NI) BY LINEAR INTERPOLATION FROM FREQUENCY TABLE
IF SELECTED PERCENTILES FALL WITHIN DATA EITHER ABOVE OR BELOW THE LIMITS OF DETECTION,
THE DATA VALUE ON THE TABLE IS GIVEN AS 0.9999991E 50

SELECTED PERCENTILE	DATA VALUE	ANTI LOG OF VALUE
25.00	0.145938E+01	0.285150E+02
50.00	0.154757E+01	0.352837E+02
75.00	0.169861E+01	0.499590E+02
90.00	0.183645E+01	0.68259E+02

FREQUENCY TABLE FOR VARIABLE 19 (S-PR)

LOG LIMITS	UPPER	URS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
15	1.017E+00	4	4	0.41	0.41	2.047E+01	1.506E+02
15	1.084E+00	72	76	7.36	7.77	9.269E+01	4.1E+00
15	1.250E+00	0	76	0.00	7.77	2.389E+02	3.232E+01
15	1.417E+00	73	149	7.36	15.24	3.171E+02	8.573E+00
15	1.584E+00	255	300	15.44	30.67	2.171E+02	1.209E+02
15	1.751E+00	379	544	35.75	96.52	7.653E+01	3.606E+01
15	1.917E+00	24	948	2.45	94.98	1.388E+01	2.477E+00
15	2.084E+00	8	976	0.80	99.80	1.284E+00	1.284E+00
15	2.250E+00	0	976	0.00	99.80	0.000E+01	0.000E+01
15	2.417E+00	0	976	0.00	99.80	0.000E+01	0.000E+01
15	2.584E+00	0	976	0.00	99.80	0.000E+01	0.000E+01
15	2.751E+00	0	976	0.00	99.80	0.000E+01	0.000E+01
15	2.917E+00	1	977	0.10	99.90	0.000E+01	0.000E+01
15	3.084E+00	1	978	0.10	100.00	6.215E-02	1.415E+01
TOTALS LESS H AND B		46	978	0.00	100.00	9.786E+02	3.704E+02

HISTOGRAM FOR VARIABLE 19 (S-PR) MIDPOINTS ARE EXPRESSED AS ANTILOGS

- 1.001E+01 XXXXXX
- 1.499E+01 XXXXXXXXXXXXXXXX
- 2.755E+01 XXXXXXXXXXXXXXXXXXXXXXXX
- 3.165E+01 XXXXXXXXXXXXXXXXXXXXXXXX
- 4.655E+01 XX
- 6.819E+01 X
- 1.001E+02
- 1.499E+02
- 2.755E+02
- 3.165E+02
- 4.655E+02
- 6.819E+02
- 1.001E+03

Pb

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

- MINIMUM ANTILOG = 1.00000E+01
- MAXIMUM ANTILOG = 1.00000E+03
- GEOMETRIC MEAN = 2.23229E+01
- GEOMETRIC DEVIATION = 1.52336E+00
- VARIANCE OF LOGS = 3.34170E-02

PERCENT TABLE FOR VARIABLE 19 (S-PR) BY LINEAR INTERPOLATION FROM FREQUENCY TABLE IF SELECTED PERCENTILES FALL WITHIN DATA EITHER ABOVE OR BELOW THE LIMITS OF DETECTION, THE DATA VALUE ON THE TABLE IS GIVEN AS 0.99999991E 50

SELECTED PERCENTILE	DATA VALUE	ANTI LOG OF VALUE
25.00	0.118906E+01	0.154554E+02
50.00	0.136921E+01	0.233997E+02
75.00	0.149111E+01	0.306820E+02
90.00	0.155562E+01	0.359437E+02

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FREQUENCY TABLE FOR VARIABLE 21 (S-SC)

LOG LIMITS LOWER - UPPER	ORBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	THEOR FREQ = OBS FREQ)**2/THEOR FREQ
N	0	0	0.00	0.00		
L	5	5	0.51	0.51	7.292E-01	2.501E+01
T	0	5	0.00	0.51	1.23E+01	5.99E+00
5.830E-01 - 7.407E-01	21	26	2.15	2.66	8.98E+01	1.83E+00
7.497E-01 - 9.163E-01	77	103	7.67	10.53	2.74E+02	2.56E+00
9.163E-01 - 1.083E+00	248	351	25.36	35.89	3.55E+02	8.40E+00
1.083E+00 - 1.250E+00	410	761	41.92	77.81	1.95E+02	1.00E+01
1.250E+00 - 1.416E+00	151	912	15.44	93.25	4.53E+01	6.12E+00
1.416E+00 - 1.583E+00	62	974	6.34	99.59	4.50E+00	7.85E+02
1.583E+00 - 1.750E+00	4	978	0.41	100.00		
G	0	978	0.00	100.00		
H	0	978				
	46	1024				
TOTALS LESS H AND B	978				9.780E+02	6.002E+01

Sc

HISTOGRAM FOR VARIABLE 21 (S-SC)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

4.638E+00 XX	
6.608E+00 XXXXXXXX	
9.993E+00 XXXXXXXXXXXXXXXXXXXXXXXX	
1.467E+01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	
2.153E+01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	
3.160E+01 XXXXXXXX	
4.638E+01	

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM ANTILOG	=	5.00000E+00
MAXIMUM ANTILOG	=	5.00000E+01
GEOMETRIC MEAN	=	1.36596E+01
GEOMETRIC DEVIATION	=	1.48194E+00
VARIANCE OF LOGS	=	2.91833E-02

PERCENT TABLE FOR VARIABLE 21 (S-SC) BY LINEAR INTERPOLATION FROM FREQUENCY TABLE
IF SELECTED PERCENTILES FALL WITHIN DATA EITHER ABOVE OR BELOW THE LIMITS OF DETECTION,
THE DATA VALUE ON THE TABLE IS GIVEN AS 0.9999999IF 50

SELECTED PERCENTILE	DATA VALUE	ANTI LOG OF VALUE
25.00	0.101144E+01	0.102668E+02
50.00	0.113911E+01	0.137755E+02
75.00	0.123850E+01	0.173181E+02
90.00	0.138125E+01	0.246575E+02

FREQUENCY TABLE FOR VARIABLE 22 (S-SN)

LOG LIMITS	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
N		839	839	85.88	85.88	4.217E+00	2.196E+05
L		128	967	13.10	58.98	9.480E+02	9.501E+02
T		9	976	0.92	99.90	0.000E-01	0.000E-01
9.170E-01	1.084E+00	0	976	0.00	99.90	0.000E-01	0.000E-01
1.084E+00	1.250E+00	0	976	0.00	99.90	0.000E-01	0.000E-01
1.250E+00	1.417E+00	0	976	0.00	99.90	0.000E-01	0.000E-01
1.417E+00	1.584E+00	0	976	0.00	99.90	0.000E-01	0.000E-01
1.584E+00	1.750E+00	0	976	0.00	99.90	0.000E-01	0.000E-01
1.750E+00	1.917E+00	0	976	0.00	99.90	0.000E-01	0.000E-01
1.917E+00	2.084E+00	1	977	0.10	100.00	4.781E+00	2.940E+00
G		0	977	0.00	100.00		
H		0	977				
B		47	1024				
TOTALS	LESS H AND B	977				9.770E+02	2.208E+05

SN

HISTOGRAM FOR VARIABLE 22 (S-SN)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

- 1.001E+01 X
- 1.460E+01
- 2.156E+01
- 3.163E+01
- 4.645E+01
- 6.818E+01
- 1.001E+02

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

- MINIMUM ANTILOG = 1.00000E+01
- MAXIMUM ANTILOG = 1.00000E+02
- GEOMETRIC MEAN = 1.25893E+01
- GEOMETRIC DEVIATION = 2.07123E+00
- VARIANCE OF LOGS = 1.00000E-01

PERCENT TABLE FOR VARIABLE 22 (S-SN) BY LINEAR INTERPOLATION FROM FREQUENCY TABLE
IF SELECTED PERCENTILES FALL WITHIN DATA EITHER ABOVE OR BELOW THE LIMITS OF DETECTION,
THE DATA VALUE OR THE TABLE IS GIVEN AS 0.9999991E 50

SELECTED PERCENTILE	DATA VALUE	ANTI LOG OF VALUE
25.00	0.100000E+36	0.100000E+36
50.00	0.100000E+36	0.100000E+36
75.00	0.100000E+36	0.100000E+36
90.00	0.100000E+36	0.100000E+36

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FREQUENCY TABLE FOR VARIABLE 23 (S-SR)

LOG LIMITS	LOWER	UPPER	ORS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
H			115	115	11.76	11.76	1.153E+01	2.623E+05
L			59	174	6.03	17.79	1.029E+02	1.029E+02
T			0	184	0.00	18.81	8.191E+01	2.785E+02
1.083E+00	1.250E+00	1.416E+00	10	194	1.02	19.83	4.640E+00	8.957E+00
1.250E+00	1.416E+00	1.583E+00	5	199	0.51	19.94	1.907E+01	5.293E+01
1.416E+00	1.583E+00	1.750E+00	6	205	0.61	20.14	5.086E+01	1.230E+02
1.583E+00	1.750E+00	1.916E+00	2	207	0.00	20.14	1.230E+02	2.555E+02
1.750E+00	1.916E+00	2.083E+00	0	207	0.00	20.14	1.230E+02	1.429E+02
1.916E+00	2.083E+00	2.250E+00	43	656	4.40	67.68	2.205E+02	4.173E+00
2.083E+00	2.250E+00	2.416E+00	155	811	15.85	82.92	1.826E+02	9.207E+00
2.250E+00	2.416E+00	2.583E+00	78	889	7.98	90.90	1.096E+02	1.783E+01
2.416E+00	2.583E+00	2.750E+00	45	934	4.60	95.50	4.792E+01	1.258E+01
2.583E+00	2.750E+00	2.916E+00	29	963	2.97	98.47	1.518E+01	2.076E+01
2.750E+00	2.916E+00	3.083E+00	12	975	1.23	99.69	3.469E+00	5.817E+01
2.916E+00	3.083E+00	3.250E+00	0	975	0.00	99.69	5.817E+01	0.000E+01
3.083E+00	3.250E+00	3.416E+00	1	976	0.10	99.80	0.000E+01	4.811E+01
3.250E+00	3.416E+00	3.583E+00	2	978	0.20	100.00	7.687E+02	2.631E+05
G			0	978	0.00	100.00		
H			0	978	0.00	100.00		
B			46	1024	0.00	100.00		
TOTALS	LESS H AND B		978				9.780E+02	2.631E+05

SR

HISTOGRAM FOR VARIABLE 23 (S-SR)

AIDPOINTS ARE EXPRESSED AS ANTILOGS

1.467E+01 X
2.183E+01 X
3.180E+01 X
4.638E+01
6.00E+01
5.993E+01 XX
1.467E+02 XXX
2.153E+02 XXXXXXXXXXXXXXXXXXXXXXXX
3.160E+02 XXXXXXXX
4.638E+02 XXXX
6.00E+02 XXX
5.993E+02 X
1.467E+03
2.153E+03
3.160E+03

PERCENT TABLE FOR VARIABLE 23 (S-SR) BY LINEAR INTERPOLATION FROM FREQUENCY TABLE
IF SELECTED PERCENTILES FALL WITHIN DATA EITHER ABOVE OR BELOW THE LIMITS OF DETECTION,
THE DATA VALUE ON THE TABLE IS GIVEN AS 0.9999991E 50

SELECIED PERCENTILE	DATA VALUE	ANTI LOG OF VALUE
25.00	0.193538E+01	0.691749E+02
50.00	0.203334E+01	0.107979E+03
75.00	0.233303E+01	0.215291E+03
90.00	0.256423E+01	0.386028E+03

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM ANTILOG = 1.50000E+01
MAXIMUM ANTILOG = 3.00000E+03
GEOMETRIC MEAN = 1.52869E+02
GEOMETRIC DEVIATION = 2.04607E+00
VARIANCE OF LOGS = 9.66717E-02

FREQUENCY TABLE FOR VARIABLE 24 (S-V)

LOG LIMITS	UPPER	ORIG FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
N		0	0	0.00	0.00		
L		0	0	0.00	0.00		
T		0	0	0.00	0.00		
1.250E+00	1.417E+00	1	1	0.10	0.10	3.849E-01	9.835E-01
1.417E+00	1.583E+00	7	8	0.72	0.82	6.473E+00	4.246E-02
1.583E+00	1.750E+00	15	23	1.53	2.35	5.097E+01	2.534E+01
1.750E+00	1.917E+00	218	241	22.29	24.64	1.665E+00	4.622E+00
1.917E+00	2.083E+00	412	653	42.13	66.77	3.297E+02	2.053E+01
2.083E+00	2.250E+00	187	840	19.12	85.89	2.732E+01	2.721E+01
2.250E+00	2.417E+00	111	951	11.35	97.24	1.072E+02	1.376E-01
2.417E+00	2.583E+00	10	961	1.02	98.26	1.982E+01	4.867E+00
2.583E+00	2.750E+00	16	977	1.64	99.90	1.720E+00	1.165E+02
2.750E+00	2.917E+00	1	978	0.10	100.00	7.092E-02	1.217E+01
G		0	978	0.00	100.00		
H		0	978	0.00	100.00		
F		46	1024				
TOTALS LESS H AND B		978				9.780E+02	2.144E+02

HISTOGRAM FOR VARIABLE 24 (S-V)
HIDPOINTS ARE EXPRESSED AS ANTILOGS

2.154E+01
3.162E+01 X
4.642E+01 XX
6.813E+01 XXXXXXXXXXXXXXXXXXXXX
1.000E+02 XXX
1.408E+02 XXXXXXXXXXXXXXXXXXXXXXX
2.155E+02 XXXXXXXXXXXXXXX
3.162E+02 X
4.642E+02 XX
6.813E+02

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM ANTILOG	2.00000E+01
MAXIMUM ANTILOG	7.00000E+02
GEOMETRIC MEAN	1.10000E+02
GEOMETRIC DEVIATION	1.53640E+00
VARIANCE OF LOGS	3.47835E-02

PERCENT TABLE FOR VARIABLE 24 (S-V) BY LINEAR INTERPOLATION FROM FREQUENCY TABLE
IF SELECTED PERCENTILES FALL WITHIN DATA EITHER ABOVE OR BELOW THE LIMITS OF DETECTION,
THE DATA VALUE ON THE TABLE IS GIVEN AS 0.9999999E 50

SELECTED PERCENTILE	DATA VALUE	ANTI LOG OF VALUE
25.00	0.191810E+01	0.826125E+02
50.00	0.201701E+01	0.103993E+03
75.00	0.215510E+01	0.142922E+03
90.00	0.231038E+01	0.204353E+03

FREQUENCY TABLE FOR VARIABLE 25 (S-Y)

LOG LIMITS	ORIG CUM PERCENT	THEOR FREQ	THEOR FREQ
LOWER - UPPER	FREQ FREQ	(NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
N	5	0.52	2.826E+02
L	27	2.80	1.240E+00
T	0	3.32	1.548E+01
5.830E-01 - 7.497E-01	5	0.52	2.826E+02
7.497E-01 - 9.163E-01	27	2.80	1.240E+00
9.163E-01 - 1.083E+00	0	3.32	1.548E+01
1.083E+00 - 1.256E+00	16	1.66	3.682E+01
1.256E+00 - 1.430E+00	16	1.66	3.682E+01
1.430E+00 - 1.603E+00	45	4.66	9.810E+00
1.603E+00 - 1.776E+00	135	13.99	2.763E+01
1.776E+00 - 1.949E+00	299	30.98	3.932E+01
1.949E+00 - 2.122E+00	267	25.74	3.102E+01
2.122E+00 - 2.295E+00	65	6.74	1.240E+00
2.295E+00 - 2.468E+00	38	3.94	7.567E+00
2.468E+00 - 2.641E+00	15	1.55	1.077E+00
2.641E+00 - 2.814E+00	11	1.14	8.678E+00
2.814E+00 - 2.987E+00	1	0.10	5.569E-02
2.987E+00 - 3.160E+00	1	0.10	5.569E-02
3.160E+00 - 3.333E+00	4	0.41	0.000E+01
3.333E+00 - 3.506E+00	0	0.00	1.444E+02
3.506E+00 - 3.679E+00	0	0.00	1.444E+02
3.679E+00 - 3.852E+00	59	1024	5.995E+02
TOTALS LESS H AND B	965	9.650E+02	5.995E+02

HISTOGRAM FOR VARIABLE 25 (S-Y)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

4.638E+00 XX
6.802E+00 XX
9.993E+00 XXXX
1.467E+01 XXXXXXXXXXXXXXX
2.143E+01 XXXXXXXXXXXXXXXXXXXXXXX
3.160E+01 XXXXXXXXXXXXXXXXXXXXXXX
4.638E+01 XXXXXXX
6.802E+01 XXXX
9.993E+01 XX
1.467E+02 X
2.143E+02
3.160E+02
4.638E+02

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM ANTILOG = 5.00000E+00
MAXIMUM ANTILOG = 5.00000E+02
GEOMETRIC MEAN = 2.42226E+01
GEOMETRIC DEVIATION = 1.83302E+00
VARIANCE OF LOGS = 7.00056E-02

PERCENT TABLE FOR VARIABLE 25 (S-Y) BY LINEAR INTERPOLATION FROM FREQUENCY TABLE
IF SELECTED PERCENTILES FALL WITHIN DATA EITHER ABOVE OR BELOW THE LIMITS OF DETECTION,
THE DATA VALUE ON THE TABLE IS GIVEN AS 0.99999991E 50

SELECTED PERCENTILE	DATA VALUE	ANTI LOG OF VALUE
25.00	0.174628E+01	0.1746113E+02
50.00	0.134263E+01	0.241338E+02
75.00	0.152132E+01	0.332137E+02
50.00	0.168174E+01	0.480551E+02

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FREQUENCY TABLE FOR VARIABLE 26 (S-ZN)

LOG LIMITS	UPPER	ONS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THFOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THFOR FREQ
N		674	674	69.84	69.84		
L		208	882	21.55	91.40		
T		0	882	0.00	91.40		
		71	953	7.36	98.76	6.941E+01	9.513E+03
2.25(E+00 - 2.417E+00		8	961	0.83	99.59	8.943E+02	7.579E+02
2.417E+00 - 2.583E+00		2	963	0.21	99.79	0.000E+01	0.000E+01
2.583E+00 - 2.750E+00		2	965	0.21	99.90	0.000E+01	0.000E+01
2.750E+00 - 2.917E+00		1	965	0.10	100.00	0.000E+01	0.000E+01
2.917E+00 - 3.083E+00		0	965	0.00	100.00	1.303E+00	7.042E+02
G		0	965	0.00			
H		0	965				
B		59	1024				
TOTALS LESS H AND B		965				9.650E+02	1.027E+04

HISTOGRAM FOR VARIABLE 26 (S-ZN)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

2.154E+02 XXXXXX
3.162E+02 X
4.642E+02
6.813E+02
1.000E+03

ZN

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM ANTILOG = 2.00000E+02
MAXIMUM ANTILOG = 1.00000E+03
GEOMETRIC MEAN = 2.20074E+02
GEOMETRIC DEVIATION = 1.32215E+00
VARIANCE OF LOGS = 1.47094E-02

PERCENT TABLE FOR VARIABLE 26 (S-ZN) BY LINEAR INTERPOLATION FROM FREQUENCY TABLE
IF SELECTED PERCENTILES FALL WITHIN DATA EITHER ABOVE OR BELOW THE LIMITS OF DETECTION,
THE DATA VALUE ON THE TABLE IS GIVEN AS 0.99999991E 50

SELECTED PERCENTILE	DATA VALUE	ANTI LOG OF VALUE
25.00	0.100000E+36	0.100000E+36
50.00	0.100000E+36	0.100000E+36
75.00	0.100000E+36	0.100000E+36
90.00	0.100000E+36	0.100000E+36

FREQUENCY TABLE FOR VARIABLE 27 (S-ZR)

LOG LIMITS	U	UPPER	QNS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - QNS FREQ)**2/THEOR FREQ
1.250E+00	N		0	0	0.00	0.00	6.636E-02	1.313E+01
1.417E+00	L	1.417E+00	1	1	0.10	0.10	9.776E-01	4.104E+00
1.583E+00	T	1.583E+00	3	4	0.31	0.41	8.742E+00	2.572E+00
1.750E+00		1.750E+00	4	8	0.41	0.83	4.579E+01	1.938E+01
1.917E+00		1.917E+00	16	24	1.56	2.49	1.407E+02	5.301E+00
2.083E+00		2.083E+00	291	483	30.16	50.05	2.546E+02	5.393E+00
2.250E+00		2.250E+00	257	740	26.63	76.68	2.696E+02	5.901E-01
2.417E+00		2.417E+00	158	898	16.37	93.06	1.643E+01	6.303E-01
2.583E+00		2.583E+00	35	933	3.63	96.68	6.174E+01	1.156E+01
2.750E+00		2.750E+00	19	952	1.97	98.65	1.329E+01	2.451E+00
2.917E+00		2.917E+00	10	962	1.04	99.69	1.677E+00	4.132E+01
3.083E+00	G	3.083E+00	2	964	0.21	99.90	1.291E-01	2.710E+01
	H		1	965	0.10	100.00	0.000E+01	0.000E-01
	B		0	965				
			59	1024				
TOTALS	LESS H AND B		965				9.650E+02	1.336E+02

ZR

HISTOGRAM FOR VARIABLE 27 (S-ZR)
 HIPOINTS ARE EXPRESSED AS ANTILOGS

- 2.154E+01
- 3.162E+01
- 4.642E+01 XX
- 6.813E+01 XXXXXXXXXXXXXXXXX
- 1.000E+02 XXXXXXXXXXXXXXXXXXXX
- 1.468E+02 XXXXXXXXXXXXXXXXXXXX
- 2.155E+02 XXXXXXXXXXXXXXXXX
- 3.162E+02 XXX
- 4.642E+02 XX
- 6.813E+02 X
- 1.000E+03

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

- MINIMUM ANTILOG = 2.00000E+01
- MAXIMUM ANTILOG = 1.00000E+03
- GEOMETRIC MEAN = 1.26472E+02
- GEOMETRIC DEVIATION = 1.66508E+00
- VARIANCE OF LOGS = 4.85492E-02

PERCENT TABLE FOR VARIABLE 27 (S-ZR) BY LINEAR INTERPOLATION FROM FREQUENCY TABLE
 IF SELECTED PERCENTILES FALL WITHIN DATA EITHER ABOVE OR BELOW THE LIMITS OF DETECTION,
 THE DATA VALUE ON THE TABLE IS GIVEN AS 0.9999991E 50

SELECTED PERCENTILE	DATA VALUE	ANTI LOG OF VALUE
25.00	0.194439E+01	0.880821E+02
50.00	0.205306E+01	0.121078E+03
75.00	0.223948E+01	0.173573E+03
90.00	0.238557E+01	0.242980E+03

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FREQUENCY TABLE FOR VARIABLE 28 (AA-AU-P)

LOG LIMITS	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/(THEOR FREQ)
N		40	40	23.81	23.81		
L		99	139	58.93	82.74		
T		0	139	0.00	82.74		
		0	139	0.00	82.74	6.088E+00	2.902E+03
-1.917E+00	-1.750E+00	12	151	7.14	89.88	3.62E+01	3.62E+01
-1.750E+00	-1.584E+00	3	154	1.79	91.67	7.14E+01	4.94E+01
-1.584E+00	-1.417E+00	10	164	5.95	97.62	4.47E+01	3.897E+01
-1.417E+00	-1.250E+00	2	166	1.19	98.81	4.85E+00	1.483E+01
-1.250E+00	-1.084E+00	1	167	0.60	99.40	5.41E+01	3.924E+00
-1.084E+00	-9.170E-01	0	167	0.00	99.40	0.00E-01	0.00E-01
-9.170E-01	-7.503E-01	1	168	0.60	100.00	0.00E-01	0.00E-01
-7.503E-01	-5.836E-01	0	168	0.00	100.00	1.007E-02	9.727E+01
G		0	168				
H		0	168				
B		856	1024				
TOTALS LESS I AND H		168				1.680E+02	3.128E+03

HISTOGRAM FOR VARIABLE 28 (AA-AU-P)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

- 1.467E-02
- 2.153E-02 XXXXXX
- 3.160E-02 X
- 4.830E-02 XXXXX
- 6.808E-02 X
- 9.993E-02 X
- 1.467E-01
- 2.153E-01 X

ALL(AA)

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

- MINIMUM ANTILOG = 2.00000E-02
- MAXIMUM ANTILOG = 2.00000E-01
- GEOMETRIC MEAN = 3.38719E-02
- GEOMETRIC DEVIATION = 1.80155E+00
- VARIANCE OF LOGS = 6.53550E-02

PERCENT TABLE FOR VARIABLE 28 (AA-AU-P) BY LINEAR INTERPOLATION FROM FREQUENCY TABLE
IF SELECTED PERCENTILES FALL WITHIN DATA EITHER ABOVE OR BELOW THE LIMITS OF DETECTION,
THE DATA VALUE ON THE TABLE IS GIVEN AS 0.9999991E 50

SELECTED PERCENTILE	DATA VALUE	ANTI LOG OF VALUE
25.00	0.100000E+36	0.100000E+36
50.00	0.100000E+36	0.100000E+36
75.00	0.100000E+36	0.100000E+36
90.00	-0.157255E+01	0.207579E-01

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FREQUENCY TABLE FOR VARIABLE 29 (AA-CU-P)

LOG LIMITS LOWER - UPPER	ORS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
M-	0	0	0.00	0.00		
L	13	13	10.24	10.24	0.000E-01	0.000E-01
T	0	13	0.00	10.24	0.000E-01	0.000E-01
-1.250E+00 - -1.083E+00	0	13	0.00	10.24	0.000E-01	0.000E-01
-1.083E+00 - -9.167E-01	1	14	0.79	11.02	0.000E-01	0.000E-01
-9.167E-01 - -7.500E-01	0	14	0.00	11.02	0.000E-01	0.000E-01
-7.500E-01 - -5.833E-01	0	14	0.00	11.02	0.000E-01	0.000E-01
-5.833E-01 - -4.166E-01	1	15	0.79	11.81	0.000E-01	0.000E-01
-4.166E-01 - -2.500E-01	0	15	0.00	11.81	0.000E-01	0.000E-01
-2.500E-01 - -8.333E-02	0	15	0.00	11.81	1.922E-03	1.922E-03
-8.333E-02 - 8.333E-02	0	15	0.00	11.81	1.649E-02	1.649E-02
8.333E-02 - 2.500E-01	0	15	0.00	11.81	1.145E-01	1.145E-01
2.500E-01 - 4.167E-01	0	15	0.00	11.81	5.928E-01	5.928E-01
4.167E-01 - 5.834E-01	0	15	0.00	11.81	2.290E+00	2.290E+00
5.834E-01 - 7.500E-01	0	15	0.00	11.81	6.601E+00	6.601E+00
7.500E-01 - 9.167E-01	0	15	0.00	11.81	1.420E+01	1.420E+01
9.167E-01 - 1.083E+00	28	43	22.05	33.86	1.184E+01	1.184E+01
1.083E+00 - 1.250E+00	31	74	24.41	58.27	2.734E+01	2.734E+01
1.250E+00 - 1.417E+00	31	105	24.41	82.68	2.446E+01	2.446E+01
1.417E+00 - 1.583E+00	18	123	14.17	96.85	1.635E+01	1.635E+01
1.583E+00 - 1.750E+00	4	127	3.15	100.00	1.223E+01	1.223E+01
G	0	127	0.00	100.00		
H	0	127				
B	897	1024				
TOTALS	LESS H AND B	127			1.270E+02	3.295E+01

CU (AA)

HISTOGRAM FOR VARIABLE 29 (AA-CU-P)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

6.813E-02	
1.000E-01 X	
1.469E-01	
2.155E-01	
3.162E-01 X	
4.642E-01	
6.813E-01	
1.000E+00	
1.469E+00	
2.155E+00	
3.163E+00	
4.642E+00	
6.813E+00	
1.000E+01 XXXXXXXXXXXXXXXXXXXX	
1.469E+01 XXXXXXXXXXXXXXXXXXXX	
2.155E+01 XXXXXXXXXXXXXXXXXXXX	
3.163E+01 XXXXXXXXXXXXXXXXXXXX	
4.642E+01 XXX	

PERCENT TABLE FOR VARIABLE 29 (AA-CU-P) BY LINEAR INTERPOLATION FROM FREQUENCY TABLE
IF SELECTED PERCENTILES FALL WITHIN DATA EITHER ABOVE OR BELOW THE LIMITS OF DETECTION,
THE DATA VALUE ON THE TABLE IS GIVEN AS 0.9999991E 50

SELECTED PERCENTILE	DATA VALUE	ANTI LOG OF VALUE
25.00	0.101641F+01	0.103852E+02
50.00	0.119360E+01	0.156170E+02
75.00	0.136430E+01	0.231366E+02
90.00	0.150283E+01	0.318297E+02

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM ANTILOG	=	1.20000E-01
MAXIMUM ANTILOG	=	4.50000E+01
GEOMETRIC MEAN	=	1.61455E+01
GEOMETRIC DEVIATION	=	2.06281E+00
VARIANCE OF LOGS	=	9.88846E-02

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FREQUENCY TABLE FOR VARIABLE 30 (AA-PB-P)

LOG LIMITS	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
1.250E+00	1.417E+00	0	0	0.00	0.00	1.423E+01	5.062E+02
1.417E+00	1.583E+00	104	104	81.89	81.89	2.371E+01	2.371E+01
1.583E+00	1.750E+00	0	104	0.00	81.89	4.759E+01	3.801E+01
1.750E+00	1.917E+00	14	118	11.02	92.91	4.928E+01	1.272E+01
1.917E+00	2.083E+00	6	124	4.72	97.64	1.465E+01	1.223E+00
2.083E+00	2.250E+00	1	125	0.79	98.43	1.223E+00	0.000E-01
2.250E+00	2.417E+00	0	125	0.00	98.43	0.000E-01	0.000E-01
2.417E+00	2.583E+00	0	125	0.00	98.43	0.000E-01	0.000E-01
		2	127	1.57	100.00	2.800E-02	1.369E+02
TOTALS	LESS H AND B	0	127	0.00	100.00		
		0	127				
		897	1024				
		127					7.807E+02

HISTOGRAM FOR VARIABLE 30 (AA-PB-P) MIDPOINTS ARE EXPRESSED AS ANTILOGS

2.154E+01 XXXXXXXXXXXX
3.162E+01 XXXX
4.042E+01 X
6.813E+01
1.000E+02
1.468E+02
2.155E+02
3.162E+02 XX

Pb (AA)

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM ANTILOG = 2.50000E+01
MAXIMUM ANTILOG = 3.50000E+02
GEOMETRIC MEAN = 3.36615E+01
GEOMETRIC DEVIATION = 2.06736E+00
VARIANCE OF LOGS = 9.948369E+02

PERCENT TABLE FOR VARIABLE 30 (AA-PB-P) BY LINEAR INTERPOLATION FROM FREQUENCY TABLE IF SELECTED PERCENTILES FALL WITHIN DATA EITHER ABOVE OR BELOW THE LIMITS OF DETECTION. THE DATA VALUE ON THE TABLE IS GIVEN AS 0.99999991E 50

PERCENTILE	DATA VALUE	ANTI LOG OF VALUE
25.00	0.100000E+36	0.100000E+36
50.00	0.100000E+36	0.100000E+36
75.00	0.100000E+36	0.100000E+36
90.00	0.137262E+01	0.235842E+02

FREQUENCY TABLE FOR VARIABLE 31 (AA-ZN-P)

LOG LOWER	LOG LIMITS UPPER	ORS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
		0	0	0.00	0.00	0.000E+01	
		1	1	0.10	0.10	0.000E+01	
		0	1	0.00	0.10	0.000E+01	
		1	2	0.10	0.20	0.000E+01	
		0	2	0.00	0.20	0.000E+01	
		2	3	0.10	0.30	2.078E+01	
		1	4	0.20	0.40	1.932E+00	
		2	5	0.20	0.52	3.225E+04	
		3	8	0.40	0.82	3.396E+00	
		4	13	0.82	1.34	4.044E+04	
		33	46	3.40	4.74	1.035E+01	
		147	193	15.15	19.90	2.67E+02	
		255	448	26.79	46.19	6.156E+01	
		330	778	34.02	80.21	2.763E+02	
		163	941	16.40	97.01	1.011E+02	
		17	958	1.75	98.76	2.447E+01	
		4	962	0.41	99.18	9.538E+00	
		6	968	0.62	99.79	1.027E+00	
		2	970	0.21	100.00	6.211E+02	
		0	970	0.00	100.00		
		0	970				
		54	1024				
			970			9.700E+02	1.497E+02

ZN (AA)

HISTOGRAM FOR VARIABLE 31 (AA-ZN-P)

MIDPOINTS ARE EXPRESSED AS ANTILOGS

4.63E+00
6.80E+00
9.93E+00
1.467E+01
2.153E+01 X
3.160E+01 XXX
4.638E+01 XXXXXXXXXXXXXXXX
6.804E+01 XXXXXXXXXXXXXXXXXXXXXXXX
9.993E+01 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
1.467E+02 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
2.153E+02 XX
3.160E+02
4.638E+02 X
6.808E+02

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM ANTILOG = 5.00000E+00
MAXIMUM ANTILOG = 7.20000E+02
GEOMETRIC MEAN = 8.43247E+01
GEOMETRIC DEVIATION = 1.63927E+00
VARIANCE (P 15.5) = 4.677E+00

PERCENT TABLE FOR VARIABLE 31 (AA-ZN-P) BY LINEAR INTERPOLATION FROM FREQUENCY TABLE IF SELECTED PERCENTILES FALL WITHIN DATA EITHER ABOVE OR BELOW THE LIMITS OF DETECTION, THE DATA VALUE ON THE TABLE IS GIVEN AS 0.9999991E 50

SELECTED PERCENTILE	DATA VALUE	ANTI LOG OF VALUE
25.00	0.178204E+01	0.605402E+02
50.00	0.193505E+01	0.861047E+02
75.00	0.205752E+01	0.114163E+03
90.00	0.216017E+01	0.151415E+03

FREQUENCY TABLE FOR VARIABLE 32 (AA-AG-P)

LOG LIMITS	LOWER	UPPER	ORIG FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
	N		0	0	0.00	0.00		
	L		9	9	5.36	5.36	7.908E+00	1.506E-01
	T		0	9	0.00	5.36	1.185E+01	6.101E-02
-1.083E+00	-9.163E-01		11	20	6.55	11.90	2.049E+01	5.449E-02
-9.163E-01	-7.497E-01		22	42	13.10	25.00	2.919E+01	7.520E+00
-7.497E-01	-5.830E-01		44	86	26.19	51.19	3.231E+01	2.881E+00
-5.830E-01	-4.163E-01		23	109	13.69	64.88	2.834E+01	4.539E+00
-4.163E-01	-2.497E-01		17	126	10.12	75.00	1.570E+01	4.418E+00
-2.497E-01	-8.244E-02		20	146	11.00	86.90	1.086E+01	1.581E+00
-8.244E-02	8.309E-02		15	161	6.93	95.83	4.762E+00	1.544E+00
8.309E-02	2.504E-01		2	163	1.19	97.02	1.690E+00	3.398E+00
2.504E-01	4.170E-01		4	167	2.38	99.40	5.663E-01	3.321E-01
4.170E-01	5.837E-01		1	168	0.60	100.00		
	G		0	168	6.00	100.00		
	H		0	168				
	E		856	1024				
TOTALS LESS A AND B			168				1.686E+02	2.191E+01

A9 (AA)

HISTOGRAM FOR VARIABLE 32 (AA-AG-P)
P-POINTS ARE EXPRESSED AS ANTILOGS

1.001E-01	XXXXXX
3.469E-01	XXXXXXXXXX
7.156E-01	XXXXXXXXXXXXXXXXXXXX
3.165E-01	XXXXXXXXXXXX
4.645E-01	XXXXXXXXXX
6.418E-01	XXXXXXXXXXXX
1.001E+00	XXXXXXXXXX
1.469E+00	X
2.150E+00	XX
3.165E+00	X

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM ANTILOG	=	1.00000E+01
MAXIMUM ANTILOG	=	3.20000E+00
GEOMETRIC MEAN	=	3.29283E-01
GEOMETRIC DEVIATION	=	2.14127E+00
VARIANCE OF LOGS	=	1.09334E-01

PERCENT TABLE FOR VARIABLE 32 (AA-AG-P) BY LINEAR INTERPOLATION FROM FREQUENCY TABLE
IF SELECTED PERCENTILES FALL WITHIN DATA EITHER ABOVE OR BELOW THE LIMITS OF DETECTION,
THE DATA VALUE ON THE TABLE IS GIVEN AS 0.9999991E 50

SELECTED PERCENTILE	DATA VALUE	ANTI LOG OF VALUE
25.00	-0.749660E+00	0.177967E+00
50.00	-0.590566E+00	0.256705E+00
75.00	-0.248850E+00	0.562795E+00
90.00	-0.252011E-01	0.543624E+00

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FREQUENCY TABLE FOR VARIABLE 33 (AA-SR-P)

LOG LIMITS	LOWER	UPPER	ORS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	THEOR FREQ (THEOR FREQ - OBS FREQ)**2/THEOR FREQ
			0	0	0.00	0.00		
			0	0	0.00	0.00		
			0	0	0.00	0.00		
			153	153	18.94	18.94	8.073E+01	6.469E+01
			0	153	0.00	18.94	1.930E+02	1.930E+02
			410	563	50.74	69.68	2.511E+02	1.006E+02
			157	720	19.43	89.11	1.778E+02	2.441E+00
			69	789	8.54	97.65	6.853E+01	3.289E+03
			3	792	0.37	98.02	1.434E+01	8.966E+00
			15	807	1.86	99.88	1.625E+00	1.101E+02
			1	808	0.12	100.00	1.027E-01	7.836E+00
			0	808	0.00	100.00		
			0	808	0.00	100.00		
			216	1024				
			808					4.876E+02

TOTALS LESS H AND B

SB(AA)

HISTOGRAM FOR VARIABLE 33 (AA-SB-P)

MIDPOINTS ARE EXPRESSED AS ANTILOGS

1.001E+00 XXXXXXXXXXXXXXXXXXXX
 1.469E+00
 2.152E+00 XXXXXXXXXXXXXXXXXXXX
 3.165E+00 XXXXXXXXXXXXXXXXXXXX
 4.645E+00 XXXXXXXXXXXX
 6.818E+00
 1.001E+01 XX
 1.469E+01

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM ANTILOG = 1.00000E+00
 MAXIMUM ANTILOG = 1.50000E+01
 GEOMETRIC MEAN = 2.10114E+00
 GEOMETRIC DEVIATION = 1.61475E+00
 VARIANCE OF LOGS = 4.33077E-02

PERCENT TABLE FOR VARIABLE 33 (AA-SB-P) BY LINEAR INTERPOLATION FROM FREQUENCY TABLE

IF SELECTED PERCENTILES FALL WITHIN DATA EITHER ABOVE OR BELOW THE LIMITS OF DETECTION, THE DATA VALUE ON THE TABLE IS GIVEN AS 0.99999991E 50

PERCENTILE	SELECTED PERCENTILE	DATA VALUE	ANTI LOG OF VALUE
25.00	0.2702595E+00	0.186320E+01	
50.00	0.352375E+00	0.225100E+01	
75.00	0.462658E+00	0.290174E+01	
90.00	0.601072E+00	0.399091E+01	

FREQUENCY TABLE FOR VARIABLE 34 (CM-AS)

LOG LIMITS	UPPER	LOG LIMITS	LOWER	ORIG FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
				472	472	46.71	46.71	2.108E+02	1.319E+03
				266	738	27.45	76.16	3.09E+02	1.504E+02
				0	738	0.00	76.16	2.870E+02	2.770E+02
10	9.170E+01	1.084E+00	1.084E+00	94	832	9.70	85.86	1.297E+02	3.030E+01
15	1.250E+00	1.250E+00	1.250E+00	5	837	0.52	86.38	2.853E+01	3.686E+00
20	1.417E+00	1.417E+00	1.417E+00	67	904	6.91	93.29	3.041E+00	1.734E+02
25	1.584E+00	1.584E+00	1.584E+00	18	922	1.86	95.15	0.000E+01	0.000E+01
30	1.750E+00	1.750E+00	1.750E+00	26	948	2.68	97.83	0.000E+01	0.000E+01
35	1.917E+00	1.917E+00	1.917E+00	15	963	1.55	99.38	0.000E+01	0.000E+01
40	2.084E+00	2.084E+00	2.084E+00	3	966	0.31	99.69	0.000E+01	0.000E+01
45	2.250E+00	2.250E+00	2.250E+00	2	968	0.21	99.90	1.601E+01	4.406E+00
50	2.417E+00	2.417E+00	2.417E+00	0	969	0.10	100.00		
				0	969	0.00	100.00		
				0	969	0.00	100.00		
				55	1024			9.690E+02	1.958E+03
TOTALS LESS M AND H				969					

AS (CM)

HISTOGRAM FOR VARIABLE 34 (CM-AS)

- MIDPOINTS ARE EXPRESSED AS ANTILOGS
- 1.001E+01 XXXXXXXXXXXX
- 1.489E+01 X
- 2.156E+01 XXXXXXXX
- 3.165E+01 XX
- 4.645E+01 XXX
- 6.916E+01 XX
- 1.001E+02
- 1.489E+02
- 2.156E+02

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

- MINIMUM ANTILOG = 1.00000E+01
- MAXIMUM ANTILOG = 2.00000E+02
- GEOMETRIC MEAN = 1.90745E+01
- GEOMETRIC DEVIATION = 1.97922E+00
- VARIANCE OF LOGS = 8.79085E+02

PERCENT TABLE FOR VARIABLE 34 (CM-AS) BY LINEAR INTERPOLATION FROM FREQUENCY TABLE IF SELECTED PERCENTILES FALL WITHIN DATA EITHER ABOVE OR BELOW THE LIMITS OF DETECTION, THE DATA VALUE ON THE TABLE IS GIVEN AS 0.9999991E 50

PERCENTILE	SELECTED PERCENTILE	DATA VALUE	ANTI LOG OF VALUE
25.00	0.100000E+36	0.100000E+36	0.100000E+36
50.00	0.100000E+36	0.100000E+36	0.100000E+36
75.00	0.100000E+36	0.100000E+36	0.100000E+36
90.00	0.133766E+01	0.133766E+01	0.217598E+C2

FREQUENCY TABLE FOR VARIABLE 35 (CM-SR)

LOG LIMITS	UPPER	OBS FREQ	CUM FREQ	PERCENT FREQ	PERCENT CUM FREQ	THEOR FREQ (NORMAL DIST)	(THEOR FREQ - OBS FREQ)**2/THEOR FREQ
-8.360E-02		0	0	0.00	0.00	1.007E+00	9.800E-01
-8.367E-02	H.367E-02	2	2	1.57	1.57	3.692E+00	1.447E+01
8.377E-02		0	2	0.00	1.57	1.690E+01	1.090E+01
2.503E-01		11	13	8.66	10.24	2.201E+01	2.918E+00
4.170E-01		0	13	0.00	10.24	3.045E+01	3.564E+00
5.837E-01		20	47	15.75	37.01	2.883E+01	2.560E+01
7.504E-01		56	103	42.09	81.10	1.869E+01	2.649E+01
9.170E-01		21	124	16.54	97.64	8.296E+00	6.417E+00
1.084E+00		1	125	0.79	98.43	2.519E+00	9.164E-01
1.250E+00		1	126	0.79	99.21	5.233E-01	5.233E-01
1.417E+00		0	126	0.00	99.21	7.430E-02	7.430E-02
1.584E+00		1	127	0.79	100.00	7.705E-03	1.278E+02
		0	127	0.00	100.00		
		897	1024				
		127				1.270E+02	1.945E+02

Sb (CM)

HISTOGRAM FOR VARIABLE 35 (CM-SR)
MIDPOINTS ARE EXPRESSED AS ANTILOGS

1.001E+00	XXXXXXXXXX
1.459E+00	
2.156E+00	XXXXXXXXXX
3.165E+00	XXXXXXXXXXXXXXXXXX
4.645E+00	XXXXXXXXXXXXXXXXXXXXXXXXXXXX
6.819E+00	XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1.001E+01	X
1.459E+01	X
2.156E+01	
3.165E+01	
4.646E+01	X

THE FOLLOWING STATISTICS ARE COMPUTED FOR THE UNQUALIFIED VALUES ONLY

MINIMUM ANTILOG	=	1.00000E+00
MAXIMUM ANTILOG	=	4.00000E+01
GEOMETRIC MEAN	=	3.70379E+00
GEOMETRIC DEVIATION	=	1.81482E+00
VARIANCE OF LOGS	=	6.69945E-02

PERCENT TABLE FOR VARIABLE 35 (CM-SR) BY LINEAR INTERPOLATION FROM FREQUENCY TABLE
IF SELECTED PERCENTILES FALL WITHIN DATA EITHER ABOVE OR BELOW THE LIMITS OF DETECTION,
THE DATA VALUE ON THE TABLE IS GIVEN AS 0.9999991E 50

SELECTED PERCENTILE	DATA VALUE	ANTI LOG OF VALUE
25.00	0.456594E+00	0.266150E+01
50.00	0.632786E+00	0.429327E+01
75.00	0.727284E+00	0.533684E+01
90.00	0.840034E+00	0.691886E+01

DATE 3/17/76

D0101 CORRELATION ANALYSIS - USGS STATPAC (02/23/76)

TITLE INPUT ID N M ***** OPTIONS***** OUTPUT ID M M
-ALL - 1024 35 1 0 0 1 0 0 0 0 0 - 0 0 0

NUMBER OF SELECTED COLUMNS 33
SELECTED COLUMN INDICES 3 4 5 6 7 8 9 10 11 12
13 14 15 16 17 18 19 20 21 22
23 24 25 26 27 28 29 30 31 32
33 34 35

SELECTED COLUMN IDENTIFIERS S=MG S=CR S=LA S=Y S=SR AA=SR=P S=CA S=LA S=Y CM=SS S=TI S=HO S=ZN S=AG S=NI AA=AU=P S=B S=PB AA=CU=P S=BA S=SB AA=PB=P S=BE S=SC AA=Zn=P S=CO S=SH AA=AG=P

NUMBER OF SELECTED ROW PAIRS 1
SELECTED ROW PAIRS 1-1024

PHASE TWO RESULTS

WARNING ** THE RESULTS FROM THIS PHASE "SHOULD NOT" BE ENTERED INTO D0096-FACTOR ANALYSIS.
THE CORRELATION MATRIX FROM THIS PHASE DOES NOT HAVE THE GRAMIAN PROPERTIES WHICH ARE REQUIRED FOR FACTOR ANALYSIS.

D0101 CORRELATION ANALYSIS - USGS STATPAC (02/23/76)

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COLUMN	VERSUS	COLUMN	CORRELATION COEFFICIENT	NO. OF PAIRS
1 (S-FA))	2 (S-MG)	0.5661	956
1 (S-FA)	)	3 (S-CA)	0.2541	938
1 (S-FA)	)	4 (S-TI)	0.6316	933
1 (S-FA)	)	5 (S-IN)	0.4571	952
1 (S-FA)	)	6 (S-AG)	0.1748	12
1 (S-FA)	)	7 (S-H)	0.2991	942
1 (S-FA)	)	8 (S-HA)	0.0742	954
1 (S-FA)	)	9 (S-NE)	0.1842	790
1 (S-FA)	)	10 (S-CU)	0.4510	867
1 (S-FA)	)	11 (S-CR)	0.4562	956
1 (S-FA)	)	12 (S-CU)	0.3746	955
1 (S-FA)	)	13 (S-LA)	0.2985	746
1 (S-FA)	)	14 (S-MO)	0.6350	45
1 (S-FA)	)	15 (S-N)	0.2153	417
1 (S-FA)	)	16 (S-N)	0.5672	956
1 (S-FA)	)	17 (S-PA)	0.2142	842
1 (S-FA)	)	18 (S-S)	-0.3511	25
1 (S-FA)	)	19 (S-SC)	0.4273	952
1 (S-FA)	)	20 (S-SV)	0.0340	10
1 (S-FA)	)	21 (S-SR)	0.1122	791
1 (S-FA)	)	22 (S-V)	0.4075	956
1 (S-FA)	)	23 (S-Y)	0.4563	924
1 (S-FA)	)	24 (S-Z)	-0.2772	83
1 (S-FA)	)	25 (S-Z)	0.2659	94
1 (S-FA)	)	26 (AA-AU-P)	-0.0170	28
1 (S-FA)	)	27 (AA-CU-P)	0.4598	114
1 (S-FA)	)	28 (AA-PB-P)	-0.3744	23
1 (S-FA)	)	29 (AA-ZM-P)	0.3232	943
1 (S-FA)	)	30 (AA-AG-P)	0.2742	118
1 (S-FA)	)	31 (AA-SB-P)	0.0794	777
1 (S-FA)	)	32 (C-AS)	-0.1950	226
1 (S-FA)	)	33 (C-SB)	0.6444	125
2 (S-MG)	)	3 (S-CA)	0.5774	960
2 (S-MG)	)	4 (S-TI)	0.2618	955
2 (S-MG)	)	5 (S-IN)	0.4742	973
2 (S-MG)	)	6 (S-AG)	-0.1155	14
2 (S-MG)	)	7 (S-H)	-0.0059	963
2 (S-MG)	)	8 (S-BA)	0.1031	976
2 (S-MG)	)	9 (S-NE)	0.2314	612
2 (S-MG)	)	10 (S-CU)	0.1470	909
2 (S-MG)	)	11 (S-CR)	0.4363	978
2 (S-MG)	)	12 (S-CU)	0.2829	577
2 (S-MG)	)	13 (S-LA)	0.2582	760
2 (S-MG)	)	14 (S-MO)	0.4321	46
2 (S-MG)	)	15 (S-N)	0.1134	417
2 (S-MG)	)	16 (S-V)	0.4075	978
2 (S-MG)	)	17 (S-PB)	0.4703	902
2 (S-MG)	)	18 (S-S)	-0.3318	25
2 (S-MG)	)	19 (S-SC)	0.3975	973
2 (S-MG)	)	20 (S-SH)	-0.1143	10
2 (S-MG)	)	21 (S-SR)	0.4780	960
2 (S-MG)	)	22 (S-V)	0.3374	917
2 (S-MG)	)	23 (S-Y)	0.1877	83
2 (S-MG)	)	24 (S-Z)	0.0119	945
2 (S-MG)	)	25 (S-Z)	-0.1340	27
2 (S-MG)	)	26 (AA-AU-P)	0.1414	110
2 (S-MG)	)	27 (AA-CU-P)	0.7413	22
2 (S-MG)	)	28 (AA-PB-P)	-0.7331	947
2 (S-MG)	)	29 (AA-ZM-P)	0.2644	114
2 (S-MG)	)	30 (AA-AG-P)	-0.0829	794
2 (S-MG)	)	31 (AA-SB-P)	-0.2760	218
2 (S-MG)	)	32 (C-AS)	-0.0597	121
2 (S-MG)	)	33 (C-SB)	0.3401	951
2 (S-MG)	)	5 (S-IN)	0.0503	14
2 (S-MG)	)	6 (S-AG)	0.3723	940
2 (S-MG)	)	7 (S-BA)	0.1613	953
2 (S-MG)	)	8 (S-BA)	0.1613	953
2 (S-MG)	)	9 (S-NE)	0.0224	791
2 (S-MG))	10 (S-SC)	0.2549	886
2 (S-MG))	11 (S-SH)	0.3350	955

00101 CORRELATION ANALYSIS - USGS STATPAC (02/23/76)

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COLUMN	VERSUS	COLUMN	CORRELATION COEFFICIENT	NO. OF PAIRS
4 (S-TI))	12 (S-CU)	0.1488	954
4 (S-TI)	)	13 (S-LA)	0.3569	737
4 (S-TI)	)	14 (S-Y)	0.2008	45
4 (S-TI)	)	15 (S-WB)	0.1813	400
4 (S-TI)	)	16 (S-MI)	0.2662	955
4 (S-TI)	)	17 (S-PB)	0.0091	879
4 (S-TI)	)	18 (S-S)	-0.2834	24
4 (S-TI)	)	19 (S-SC)	0.4023	950
4 (S-TI)	)	20 (S-SM)	-0.0511	9
4 (S-TI)	)	21 (S-SR)	-0.0213	781
4 (S-TI)	)	22 (S-V)	0.3861	955
4 (S-TI)	)	23 (S-Y)	0.1919	910
4 (S-TI)	)	24 (S-Z)	-0.0902	81
4 (S-TI)	)	25 (S-ZR)	0.3416	940
4 (S-TI)	)	26 (AA-AU-P)	0.0092	28
4 (S-TI)	)	27 (AA-CU-P)	0.0822	114
4 (S-TI)	)	28 (AA-PB-P)	-0.5707	23
4 (S-TI)	)	29 (AA-ZN-P)	0.2583	942
4 (S-TI)	)	30 (AA-AG-P)	-0.1953	118
4 (S-TI)	)	31 (AA-SB-P)	0.0019	766
4 (S-TI)	)	32 (C-AS)	-0.0339	228
4 (S-TI)	)	33 (C-SB)	-0.0454	125
5 (S-AV)	)	6 (S-AG)	-0.3890	14
5 (S-AV)	)	7 (S-B)	0.0571	959
5 (S-AV)	)	8 (S-BA)	0.0694	971
5 (S-AV)	)	9 (S-BE)	0.0901	808
5 (S-AV)	)	10 (S-CO)	0.3870	904
5 (S-AV)	)	11 (S-CR)	0.2309	973
5 (S-AV)	)	12 (S-CU)	0.1510	572
5 (S-AV)	)	13 (S-LA)	0.2074	756
5 (S-AV)	)	14 (S-MI)	0.4763	46
5 (S-AV)	)	15 (S-VB)	0.1403	415
5 (S-AV)	)	16 (S-VI)	0.3112	973
5 (S-AV)	)	17 (S-PB)	0.1240	698
5 (S-AV)	)	18 (S-SB)	0.1245	25
5 (S-AV)	)	19 (S-SC)	0.3450	949
5 (S-AV)	)	20 (S-SM)	-0.1172	10
5 (S-AV)	)	21 (S-SR)	0.3457	801
5 (S-AV)	)	22 (S-V)	0.3248	973
5 (S-AV)	)	23 (S-Y)	0.3583	924
5 (S-AV)	)	24 (S-Z)	0.0148	83
5 (S-AV)	)	25 (S-ZR)	0.2303	956
5 (S-AV)	)	26 (AA-AU-P)	-0.2334	24
5 (S-AV)	)	27 (AA-CU-P)	0.6834	114
5 (S-AV)	)	28 (AA-PB-P)	0.6675	23
5 (S-AV)	)	29 (AA-ZN-P)	0.0064	951
5 (S-AV)	)	30 (AA-AG-P)	0.0280	118
5 (S-AV)	)	31 (AA-SB-P)	-0.0442	804
5 (S-AV)	)	32 (C-AS)	-0.2134	230
5 (S-AV)	)	33 (C-SB)	-0.0303	125
6 (S-AG)	)	7 (S-H)	-0.0115	14
6 (S-AG)	)	8 (S-HA)	0.2501	14
6 (S-AG)	)	9 (S-HE)	0.0473	12
6 (S-AG)	)	10 (S-CO)	-0.0940	12
6 (S-AG)	)	11 (S-CR)	0.2509	14
6 (S-AG)	)	12 (S-CU)	0.2451	14
6 (S-AG)	)	13 (S-LA)	0.7884	5
6 (S-AG)	)	14 (S-MI)	1.0000	2
6 (S-AG)	)	15 (S-VB)	*****	2
6 (S-AG)	)	16 (S-VI)	0.3773	14
6 (S-AG)	)	17 (S-PB)	*****	14
6 (S-AG)	)	18 (S-SB)	0.3031	0
6 (S-AG)	)	19 (S-SC)	*****	14
6 (S-AG)	)	20 (S-SM)	*****	1
6 (S-AG)	)	21 (S-SR)	-0.0125	9
6 (S-AG)	)	22 (S-V)	0.3390	14
6 (S-AG)	)	23 (S-Y)	-0.0053	13
6 (S-AG)	)	24 (S-Z)	0.0010	3
6 (S-AG)	)	25 (S-ZR)	-0.4939	13
6 (S-AG)	)	26 (AA-AU-P)	*****	1
6 (S-AG)	)	27 (AA-CU-P)	*****	1
6 (S-AG)	)	28 (AA-PB-P)	*****	1
6 (S-AG)	)	29 (AA-ZN-P)	0.2140	13
6 (S-AG)	)	30 (AA-AG-P)	*****	1
6 (S-AG)	)	31 (AA-SB-P)	0.5356	11
6 (S-AG)	)	32 (C-AS)	-0.7512	5
6 (S-AG)	)	33 (C-SB)	*****	2
7 (S-B)	)	8 (S-BA)	-0.0491	902
7 (S-B)	)	9 (S-BE)	-0.1453	801
7 (S-B)	)	10 (S-CO)	0.2406	897
7 (S-B)	)	11 (S-CR)	0.2182	903
7 (S-B)	)	12 (S-CU)	0.2152	902
7 (S-B)	)	13 (S-LA)	0.0413	750
7 (S-B)	)	14 (S-MI)	0.0768	44
7 (S-B)	)	15 (S-VB)	-0.1055	411
7 (S-B)	)	16 (S-VI)	0.2000	903
7 (S-B)	)	17 (S-PB)	-0.0281	899
7 (S-B)	)	18 (S-SB)	-0.4446	24
7 (S-B)	)	19 (S-SC)	0.0856	961
7 (S-B)	)	20 (S-SM)	0.2030	10
7 (S-B)	)	21 (S-SR)	-0.3708	792
7 (S-B)	)	22 (S-V)	0.1414	963
7 (S-B)	)	23 (S-Y)	0.0490	921
7 (S-B)	)	24 (S-Z)	0.0295	82
7 (S-B)	)	25 (S-ZR)	0.1261	949
7 (S-B)	)	26 (AA-AU-P)	0.0341	27
7 (S-B))	27 (AA-CU-P)	0.0597	112
7 (S-B))	28 (AA-PB-P)	0.2760	22
7 (S-B))	29 (AA-ZN-P)	0.4041	950
7 (S-B))	30 (AA-AG-P)	0.0990	115

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COLUMN	VERSUS	COLUMN	CORRELATION COEFFICIENT	NO. OF PAIRS
7 (S-H))	31 (AA-SB-P)	0.1727	797
7 (S-H)	)	32 (C-A-S)	-0.0699	229
7 (S-H)	)	33 (C-SB)	0.1547	122
8 (S-BA)	)	9 (S-HE)	0.2071	812
8 (S-BA)	)	10 (S-CU)	0.2858	909
8 (S-BA)	)	11 (S-CR)	0.3220	976
8 (S-BA)	)	12 (S-CU)	0.1244	975
8 (S-BA)	)	13 (S-LA)	0.1064	759
8 (S-BA)	)	14 (S-HU)	-0.2963	45
8 (S-BA)	)	15 (S-HB)	0.1683	417
8 (S-BA)	)	16 (S-Y)	0.0020	976
8 (S-BA)	)	17 (S-PH)	0.2654	900
8 (S-BA)	)	18 (S-SH)	-0.3335	25
8 (S-BA)	)	19 (S-SC)	0.3793	972
8 (S-BA)	)	20 (S-SH)	-0.1102	10
8 (S-BA)	)	21 (S-SR)	0.1408	802
8 (S-BA)	)	22 (S-V)	0.5027	976
8 (S-BA)	)	23 (S-Y)	0.1345	932
8 (S-BA)	)	24 (S-ZH)	0.0310	82
8 (S-BA)	)	25 (S-ZR)	0.2125	962
8 (S-BA)	)	26 (AA-AU-P)	0.0064	27
8 (S-BA)	)	27 (AA-CU-P)	-0.0756	113
8 (S-BA)	)	28 (AA-ZH-P)	-0.0385	21
8 (S-BA)	)	29 (AA-ZN-P)	0.2450	463
8 (S-BA)	)	30 (AA-AG-P)	0.0628	116
8 (S-BA)	)	31 (AA-SB-P)	0.0742	808
8 (S-BA)	)	32 (C-A-S)	0.2089	229
8 (S-BA)	)	33 (C-SB)	0.2100	123
9 (S-PE)	)	10 (S-CU)	0.0927	783
9 (S-HE)	)	11 (S-CR)	0.2435	812
9 (S-HE)	)	12 (S-CU)	0.0242	812
9 (S-HE)	)	13 (S-LA)	0.0660	674
9 (S-HE)	)	14 (S-HU)	0.1279	35
9 (S-HE)	)	15 (S-HB)	0.1531	396
9 (S-HE)	)	16 (S-NI)	0.2810	812
9 (S-HE)	)	17 (S-PH)	0.2994	789
9 (S-HE)	)	18 (S-SR)	-0.2779	25
9 (S-HE)	)	19 (S-SC)	0.2854	809
9 (S-HE)	)	20 (S-SH)	0.1019	10
9 (S-HE)	)	21 (S-SR)	0.2927	687
9 (S-HE)	)	22 (S-V)	0.3124	812
9 (S-HE)	)	23 (S-Y)	0.2513	791
9 (S-HE)	)	24 (S-ZH)	0.1292	81
9 (S-HE)	)	25 (S-ZR)	0.2531	798
9 (S-HE)	)	26 (AA-AU-P)	0.1013	11
9 (S-HE)	)	27 (AA-CU-P)	-0.1843	44
9 (S-HE)	)	28 (AA-PH-P)	*****	10
9 (S-HE)	)	29 (AA-ZN-P)	0.0471	601
9 (S-HE)	)	30 (AA-AG-P)	-0.0971	43
9 (S-HE)	)	31 (AA-SB-P)	0.0357	729

COLUMN	VERSUS	COLUMN	CORRELATION COEFFICIENT	NO. OF PAIRS
9 (S-HE)	)	32 (C-A-S)	-0.2365	134
10 (S-CU)	)	11 (S-CR)	0.3549	909
10 (S-CU)	)	12 (S-CU)	0.2661	909
10 (S-CU)	)	13 (S-LA)	0.0781	716
10 (S-CU)	)	14 (S-HU)	0.0685	37
10 (S-CU)	)	15 (S-HB)	0.0659	416
10 (S-CU)	)	16 (S-NI)	0.5071	909
10 (S-CU)	)	17 (S-PH)	0.2219	872
10 (S-CU)	)	18 (S-SH)	-0.3033	25
10 (S-CU)	)	19 (S-SC)	-0.4238	906
10 (S-CU)	)	20 (S-SH)	-0.2352	10
10 (S-CU)	)	21 (S-SR)	0.0552	763
10 (S-CU)	)	22 (S-V)	0.3495	909
10 (S-CU)	)	23 (S-Y)	0.2173	881
10 (S-CU)	)	24 (S-ZH)	0.1900	81
10 (S-CU)	)	25 (S-ZR)	0.1277	895
10 (S-CU)	)	26 (AA-AU-P)	-0.0660	12
10 (S-CU)	)	27 (AA-CU-P)	0.1132	53
10 (S-CU)	)	28 (AA-PH-P)	-0.0347	12
10 (S-CU)	)	29 (AA-ZH-P)	0.4287	897
10 (S-CU)	)	30 (AA-AG-P)	0.1976	60
10 (S-CU)	)	31 (AA-SB-P)	0.0943	805
10 (S-CU)	)	32 (C-A-S)	-0.1712	171
10 (S-CU)	)	33 (C-SB)	-0.2422	60
11 (S-CR)	)	12 (S-CU)	0.3374	977
11 (S-CR)	)	13 (S-LA)	0.1847	760
11 (S-CR)	)	14 (S-HU)	0.1010	46
11 (S-CR)	)	15 (S-HB)	0.1694	417
11 (S-CR)	)	16 (S-NI)	0.4736	974
11 (S-CR)	)	17 (S-PH)	0.3142	902
11 (S-CR)	)	18 (S-SR)	0.1901	25
11 (S-CR)	)	19 (S-SC)	0.5084	973
11 (S-CR)	)	20 (S-SH)	0.0535	10
11 (S-CR)	)	21 (S-SR)	0.1495	804
11 (S-CR)	)	22 (S-V)	0.5147	978
11 (S-CR)	)	23 (S-Y)	0.3067	933
11 (S-CR)	)	24 (S-ZH)	-0.1709	83
11 (S-CR)	)	25 (S-ZR)	0.2342	963
11 (S-CR)	)	26 (AA-AU-P)	0.0737	28
11 (S-CR)	)	27 (AA-CU-P)	0.0194	114
11 (S-CR)	)	28 (AA-PH-P)	-0.0281	23
11 (S-CR)	)	29 (AA-ZN-P)	0.2340	965
11 (S-CR)	)	30 (AA-AG-P)	0.0442	118
11 (S-CR)	)	31 (AA-SB-P)	0.0793	808
11 (S-CR)	)	32 (C-A-S)	-0.0359	231
11 (S-CR))	33 (C-SB)	0.0721	125
12 (S-CU))	13 (S-LA)	0.1106	759
12 (S-CU))	14 (S-HU)	0.2850	46
12 (S-CU))	15 (S-HB)	-0.0071	416

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COLUMN	VERSUS	COLUMN	CORRELATION COEFFICIENT	NO. OF PAIRS
12 (S-CU))	16 (S-NI)	0.4656	977
12 (S-CU)	)	17 (S-PH)	0.3111	907
12 (S-CU)	)	18 (S-SB)	-0.3066	25
12 (S-CU)	)	19 (S-SC)	0.2376	972
12 (S-CU)	)	20 (S-SM)	0.7391	10
12 (S-CU)	)	21 (S-SR)	0.0638	804
12 (S-CU)	)	22 (S-Y)	0.2743	977
12 (S-CU)	)	23 (S-Z)	0.1442	932
12 (S-CU)	)	24 (S-ZN)	0.0114	83
12 (S-CU)	)	25 (S-ZR)	0.0439	982
12 (S-CU)	)	26 (AA-AU-P)	-0.1314	28
12 (S-CU)	)	27 (AA-CU-P)	0.1152	114
12 (S-CU)	)	28 (AA-PH-P)	-0.2111	23
12 (S-CU)	)	29 (AA-ZN-P)	0.3519	964
12 (S-CU)	)	30 (AA-AG-P)	0.1240	118
12 (S-CU)	)	31 (AA-SB-P)	0.2021	607
12 (S-CU)	)	32 (C-AS)	-0.0406	231
12 (S-CU)	)	33 (C-SB)	0.3406	125
13 (S-LA)	)	14 (S-U)	0.1585	39
13 (S-LA)	)	15 (S-AH)	0.1629	414
13 (S-LA)	)	16 (S-NI)	0.1038	760
13 (S-LA)	)	17 (S-PA)	0.2225	707
13 (S-LA)	)	18 (S-SR)	-0.4758	25
13 (S-LA)	)	19 (S-SC)	0.2102	758
13 (S-LA)	)	20 (S-SM)	-0.5585	10
13 (S-LA)	)	21 (S-SR)	0.2211	660
13 (S-LA)	)	22 (S-V)	0.1376	760
13 (S-LA)	)	23 (S-Y)	0.4137	731
13 (S-LA)	)	24 (S-Z)	-0.0572	67
13 (S-LA)	)	25 (S-ZR)	0.2218	750
13 (S-LA)	)	26 (AA-AU-P)	-0.2375	22
13 (S-LA)	)	27 (AA-CU-P)	0.0711	89
13 (S-LA)	)	28 (AA-PH-P)	-0.1723	18
13 (S-LA)	)	29 (AA-Z-P)	0.0502	752
13 (S-LA)	)	30 (AA-AG-P)	-0.1301	91
13 (S-LA)	)	31 (AA-SB-P)	-0.0440	631
13 (S-LA)	)	32 (C-AS)	-0.0155	161
13 (S-LA)	)	33 (C-SB)	0.2219	96
14 (S-U)	)	15 (S-SM)	-0.3757	14
14 (S-U)	)	16 (S-NI)	0.4311	46
14 (S-U)	)	17 (S-PH)	0.0034	41
14 (S-U)	)	18 (S-SB)	*****	0
14 (S-U)	)	19 (S-SC)	0.1474	46
14 (S-U)	)	20 (S-SM)	*****	1
14 (S-U)	)	21 (S-SR)	0.3008	38
14 (S-U)	)	22 (S-V)	0.2529	46
14 (S-U)	)	23 (S-Y)	0.3372	41
14 (S-U)	)	24 (S-Z)	0.543	3
14 (S-U)	)	25 (S-ZR)	0.0350	46
14 (S-U)	)	26 (AA-AU-P)	*****	4
14 (S-U)	)	27 (AA-CU-P)	0.1023	16
14 (S-U)	)	28 (AA-PH-P)	0.0222	7
14 (S-U)	)	29 (AA-ZN-P)	0.2577	46
14 (S-U)	)	30 (AA-AG-P)	0.3110	15
14 (S-U)	)	31 (AA-SB-P)	0.2159	29
14 (S-U)	)	32 (C-AS)	0.0402	21
14 (S-U)	)	33 (C-SB)	0.0676	16
15 (S-NB)	)	16 (S-Y)	0.0101	417
15 (S-NB)	)	17 (S-PR)	0.1325	412
15 (S-NB)	)	18 (S-SR)	0.2425	17
15 (S-NB)	)	19 (S-SC)	0.2915	417
15 (S-NB)	)	20 (S-SM)	*****	6
15 (S-NB)	)	21 (S-SR)	0.1270	408
15 (S-NB)	)	22 (S-V)	0.1884	417
15 (S-NB)	)	23 (S-Y)	0.3675	413
15 (S-NB)	)	24 (S-Z)	0.2727	44
15 (S-NB)	)	25 (S-ZR)	0.2540	417
15 (S-NB)	)	26 (AA-AU-P)	*****	2
15 (S-NB)	)	27 (AA-CU-P)	*****	5
15 (S-NB)	)	28 (AA-PH-P)	*****	0
15 (S-NB)	)	29 (AA-ZN-P)	-0.1876	413
15 (S-NB)	)	30 (AA-AG-P)	*****	5
15 (S-NB)	)	31 (AA-SB-P)	-0.0136	389
15 (S-NB)	)	32 (C-AS)	0.2771	27
15 (S-NB)	)	33 (C-SB)	*****	5
16 (S-NI)	)	17 (S-PA)	0.2250	902
16 (S-NI)	)	18 (S-SB)	-0.2179	25
16 (S-NI)	)	19 (S-SC)	0.3378	973
16 (S-NI)	)	20 (S-SM)	-0.0719	10
16 (S-NI)	)	21 (S-SR)	0.0711	804
16 (S-NI)	)	22 (S-V)	0.4019	976
16 (S-NI)	)	23 (S-Y)	0.2905	933
16 (S-NI)	)	24 (S-Z)	-0.1670	83
16 (S-NI)	)	25 (S-ZR)	0.1584	963
16 (S-NI)	)	26 (AA-AU-P)	-0.0142	28
16 (S-NI)	)	27 (AA-CU-P)	-0.0130	114
16 (S-NI)	)	28 (AA-PH-P)	-0.4740	23
16 (S-NI)	)	29 (AA-ZN-P)	0.4296	565
16 (S-NI)	)	30 (AA-AG-P)	-0.1507	118
16 (S-NI)	)	31 (AA-SB-P)	0.2022	808
16 (S-NI)	)	32 (C-AS)	-0.2274	231
16 (S-NI)	)	33 (C-SB)	0.0077	125
17 (S-PH)	)	18 (S-SM)	-0.2809	25
17 (S-PH)	)	19 (S-SC)	0.3063	899
17 (S-PH)	)	20 (S-SM)	0.1111	10
17 (S-PH)	)	21 (S-SR)	0.2699	773
17 (S-PH))	22 (S-V)	0.1909	902
17 (S-PH))	23 (S-Y)	0.2645	873
17 (S-PH))	24 (S-Z)	0.3223	83
17 (S-PH))	25 (S-ZR)	0.1361	887

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COLUMN	VERSUS	COLUMN	CORRELATION COEFFICIENT	NO. OF PAIRS
21 (S-SR))	22 (S-V)	0.1724	804
21 (S-SR)	)	23 (S-Y)	0.2824	774
21 (S-SR)	)	24 (S-Z)	-0.2001	64
21 (S-SR)	)	25 (S-ZR)	0.1895	791
21 (S-SR)	)	26 (AA-AU-P)	0.0701	15
21 (S-SR)	)	27 (AA-CU-P)	0.3522	59
21 (S-SR)	)	24 (AA-PH-P)	0.5244	9
21 (S-SR)	)	29 (AA-ZM-P)	-0.3050	792
21 (S-SR)	)	30 (AA-AG-P)	0.2559	62
21 (S-SR)	)	31 (AA-SB-P)	-0.1145	696
21 (S-SR)	)	32 (C-AS)	-0.1093	160
21 (S-SR)	)	33 (C-SB)	0.1434	68
22 (S-V)	)	23 (S-Y)	0.3205	933
22 (S-V)	)	24 (S-Z)	-0.0311	83
22 (S-V)	)	25 (S-ZR)	0.3822	963
22 (S-V)	)	26 (AA-AU-P)	0.0912	28
22 (S-V)	)	27 (AA-CH-P)	-0.0450	114
22 (S-V)	)	28 (AA-PH-P)	-0.5870	23
22 (S-V)	)	29 (AA-ZM-P)	0.2370	965
22 (S-V)	)	30 (AA-AG-P)	-0.0848	118
22 (S-V)	)	31 (AA-SB-P)	0.1048	808
22 (S-V)	)	32 (C-AS)	-0.0517	231
22 (S-V)	)	33 (C-SB)	0.3150	125
23 (S-Y)	)	24 (S-Z)	0.0316	82
23 (S-Y)	)	25 (S-ZR)	0.3658	932
23 (S-Y)	)	26 (AA-AU-P)	-0.2008	25
23 (S-Y)	)	27 (AA-CU-P)	0.1542	91
23 (S-Y)	)	24 (AA-PH-P)	0.2402	19
23 (S-Y)	)	29 (AA-ZM-P)	0.0019	970
23 (S-Y)	)	30 (AA-AG-P)	-0.0904	95
23 (S-Y)	)	31 (AA-SB-P)	-0.0327	792
23 (S-Y)	)	32 (C-AS)	-0.0979	148
23 (S-Y)	)	33 (C-SB)	0.2733	193
24 (S-Z)	)	25 (S-ZR)	-0.1033	82
24 (S-Z)	)	26 (AA-AU-P)	1.0000	2
24 (S-Z)	)	27 (AA-CU-P)	*****	0
24 (S-Z)	)	24 (AA-PH-P)	-1.0000	2
24 (S-Z)	)	29 (AA-ZM-P)	0.4639	82
24 (S-Z)	)	30 (AA-AG-P)	1.0000	2
24 (S-Z)	)	31 (AA-SB-P)	0.1795	76
24 (S-Z)	)	32 (C-AS)	0.3373	13
24 (S-Z)	)	33 (C-SB)	*****	13
25 (S-ZR)	)	26 (AA-AU-P)	0.1615	27
25 (S-ZR)	)	27 (AA-CU-P)	-0.0263	114
25 (S-ZR)	)	28 (AA-PH-P)	-0.0372	22
25 (S-ZR)	)	29 (AA-ZM-P)	0.0328	950
25 (S-ZR)	)	30 (AA-AG-P)	0.1344	117
25 (S-ZR)	)	31 (AA-SB-P)	-0.0135	795
25 (S-ZR)	)	32 (C-AS)	-0.0225	225
25 (S-ZR)	)	33 (C-SB)	0.0993	124

COLUMN	VERSUS	COLUMN	CORRELATION COEFFICIENT	NO. OF PAIRS
17 (S-PH)	)	26 (AA-AU-P)	0.1334	16
17 (S-PH)	)	27 (AA-CU-P)	0.2679	51
17 (S-PH)	)	28 (AA-PH-P)	0.9427	17
17 (S-PH)	)	29 (AA-ZM-P)	0.2370	890
17 (S-PH)	)	30 (AA-AG-P)	0.5655	54
17 (S-PH)	)	31 (AA-SB-P)	0.1472	802
17 (S-PH)	)	32 (C-AS)	0.1983	163
17 (S-PH)	)	33 (C-SB)	0.1868	57
18 (S-SB)	)	19 (S-SC)	-0.0035	25
18 (S-SB)	)	20 (S-SH)	*****	0
18 (S-SB)	)	21 (S-SH)	-0.2008	24
18 (S-SB)	)	22 (S-V)	-0.2464	25
18 (S-SB)	)	23 (S-Y)	-0.1328	25
18 (S-SB)	)	24 (S-Z)	*****	6
18 (S-SB)	)	25 (S-ZR)	0.0751	25
18 (S-SB)	)	26 (AA-AU-P)	*****	0
18 (S-SB)	)	27 (AA-CU-P)	*****	0
18 (S-SB)	)	28 (AA-PH-P)	*****	0
18 (S-SB)	)	29 (AA-ZM-P)	-0.2091	25
18 (S-SB)	)	30 (AA-AG-P)	*****	0
18 (S-SB)	)	31 (AA-SB-P)	0.2784	24
18 (S-SB)	)	32 (C-AS)	-0.0000	3
18 (S-SB)	)	33 (C-SB)	*****	0
19 (S-SC)	)	20 (S-SY)	-0.0412	10
19 (S-SC)	)	21 (S-SR)	0.2490	801
19 (S-SC)	)	22 (S-V)	0.4217	973
19 (S-SC)	)	23 (S-Y)	0.4444	929
19 (S-SC)	)	24 (S-Z)	-0.0814	82
19 (S-SC)	)	25 (S-ZR)	0.3495	959
19 (S-SC)	)	26 (AA-AU-P)	0.1059	27
19 (S-SC)	)	27 (AA-CU-P)	-0.0299	113
19 (S-SC)	)	28 (AA-PH-P)	-0.2379	22
19 (S-SC)	)	29 (AA-ZM-P)	0.1150	960
19 (S-SC)	)	30 (AA-AG-P)	-0.0767	115
19 (S-SC)	)	31 (AA-SB-P)	0.0141	806
19 (S-SC)	)	32 (C-AS)	0.513	226
19 (S-SC)	)	33 (C-SB)	0.2033	122
20 (S-SH)	)	21 (S-SR)	*****	8
20 (S-SH)	)	22 (S-V)	-0.1011	10
20 (S-SH)	)	23 (S-Y)	-0.1725	10
20 (S-SH)	)	24 (S-Z)	*****	1
20 (S-SH)	)	25 (S-ZR)	0.5041	10
20 (S-SH)	)	26 (AA-AU-P)	*****	0
20 (S-SH)	)	27 (AA-CU-P)	*****	0
20 (S-SH)	)	28 (AA-PH-P)	*****	0
20 (S-SH))	29 (AA-ZM-P)	-0.2200	10
20 (S-SH))	30 (AA-AG-P)	*****	0
20 (S-SH))	31 (AA-SB-P)	-0.3386	7
20 (S-SH))	32 (C-AS)	1.0000	2
20 (S-SH))	33 (C-SB)	*****	0

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COLUMN	VERSUS	COLUMN	CORRELATION COEFFICIENT	NO. OF PAIRS
26 (AA-AU-P))	27 (AA-CU-P)	-0.1370	26
26 (AA-AU-P)	)	28 (AA-Pb-P)	0.0858	10
26 (AA-AU-P)	)	29 (AA-Zn-P)	-0.0052	28
26 (AA-AU-P)	)	30 (AA-AG-P)	0.2341	27
26 (AA-AU-P)	)	31 (AA-Sb-P)	*****	0
26 (AA-AU-P)	)	32 (Cu-As)	0.3707	27
26 (AA-AU-P)	)	33 (Cu-Sb)	0.4437	28
27 (AA-CU-P)	)	26 (AA-Pb-P)	0.1556	21
27 (AA-CU-P)	)	29 (AA-Zn-P)	0.0931	113
27 (AA-CU-P)	)	30 (AA-AG-P)	0.1021	106
27 (AA-CU-P)	)	31 (AA-Sb-P)	*****	0
27 (AA-CU-P)	)	32 (Cu-As)	-0.0572	105
27 (AA-CU-P)	)	33 (Cu-Sb)	0.0058	112
28 (AA-Pb-P)	)	29 (AA-Zn-P)	0.8385	23
28 (AA-Pb-P)	)	30 (AA-AG-P)	0.7303	23
28 (AA-Pb-P)	)	31 (AA-Sb-P)	*****	0
28 (AA-Pb-P)	)	32 (Cu-As)	0.5377	22
28 (AA-Pb-P)	)	33 (Cu-Sb)	0.1478	23
29 (AA-Zn-P)	)	30 (AA-AG-P)	0.1830	118
29 (AA-Zn-P)	)	31 (AA-Sb-P)	0.1437	801
29 (AA-Zn-P)	)	32 (Cu-As)	0.1105	228
29 (AA-Zn-P)	)	33 (Cu-Sb)	-0.0612	124
30 (AA-AG-P)	)	31 (AA-Sb-P)	*****	0
30 (AA-AG-P)	)	32 (Cu-As)	0.1478	110
30 (AA-AG-P)	)	33 (Cu-Sb)	0.0732	116
31 (AA-Sb-P)	)	32 (Cu-As)	0.1425	112
31 (AA-Sb-P)	)	33 (Cu-Sb)	*****	0
32 (Cu-As)	)	33 (Cu-Sb)	0.1395	116