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ANALYTICAL DATA AND STATISTICAL SUMMARY FROM THE ANALYSES OF STREAM-SEDIMENT AND HEAVY-MINERAL-CONCENTRATE SAMPLES COLLECTED IN BRISTOL BAY, UGASHIK, AND KARLUK QUADRANGLES, ALASKA

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INTRODUCTION

A reconnaissance geochemical investigation was undertaken in the Bristol Bay, Ugashik, and Karluk quadrangles, Alaska, during the 1979 and 1980 summer field seasons. This investigation is part of the Alaska Mineral Resource Assessment Program, established to evaluate the mineral resource potential of specific quadrangles of Alaska. This report includes data for 586 minus-80-mesh (<0.18 mm) stream-sediment and 569 nonmagnetic heavy-mineral-concentrate samples (plates 1, 2, and 3), that were collected to aid in the mineral evaluation of these quadrangles. Statistical data compiled from the analytical results of minus-80-mesh (<0.18 mm) stream sediments and nonmagnetic heavy-mineral concentrates are provided in table 3. Analytical data from these two sample media are listed in tables 1 and 2.

SAMPLE COLLECTION AND METHODS OF ANALYSIS

Heavy-mineral-concentrate and stream-sediment samples were collected from the active channels of streams draining areas of 5 to 16 square kilometers. Stream-sediment samples were wet sieved through a 9-mesh (2 mm) stainless steel screen at the sample site. The <2 mm fraction of the stream-sediment sample was oven dried and sieved through an 80-mesh (0.18 mm) sieve. This minus-80-mesh fraction was then ground to minus-150-mesh (<0.1 mm) on ceramic plates in a vertical pulverizer and was retained for analysis.

The heavy-mineral concentrates collected at stream sites were initially wet sieved to minus-2 mm and panned at the collection site to reduce the percentage of light minerals in the sample. The samples were oven dried and sieved to minus-20-mesh (<0.83 mm). The minus-20-mesh fraction was separated with bromoform, a heavy liquid, into a light-mineral fraction consisting of minerals having a specific gravity of 2.86 or less, which was discarded, and a heavy-mineral fraction consisting of minerals having a specific gravity

greater than 2.86 From this heavy-mineral fraction a nonmagnetic fraction was obtained using a Frantz Isodynamic Magnetic Separator. The resulting nonmagnetic heavy-mineral concentrate fraction was split; one fraction was saved for microscopic mineral identification, and the other was pulverized with a mortar and pestle and was retained for analysis by semiquantitative emission spectroscopy.

Stream-sediment samples were analyzed for the 31 elements listed in Table 3 using a six-step d.c. arc semiquantitative emission spectrographic method (Grimes and Marranzino, 1968). In this method, 10 mg of prepared sample is mixed with 20 mg of pure graphite powder and packed into a 6.35-mm diameter preformed graphite electrode and made to arc for 180 seconds using a 1.5-m Wadsworth mounted grating spectrograph. Photographically recorded spectra from the 10 mg sample is visually compared to standard spectra using a 20x comparator. Values are reported as the approximate midpoints of geometric brackets whose boundaries are 0.825-1.211, 1.211-1.77, 1.77-2.61, 2.61-3.83, 3.83-5.62, 5.62-8.25, etc. In addition, atomic absorption spectrophotometry was used to determine copper, lead, and zinc in stream-sediment samples. The method used a nitric acid digestion of one-gram samples which were then analyzed by atomic absorption (Ward and others, 1969).

The nonmagnetic heavy-mineral-concentrate samples were also analyzed with the emission spectrograph for the determination of the 31 elements listed in table 3. The method of analysis was as described by Grimes and Marranzino (1968), except that the following modification was made to eliminate the spectral interferences produced by high iron concentration. Five mg of prepared sample were mixed with 20 mg of pure graphite powder and 5 mg of pure Arkansas quartz. This mixture was packed into a preformed graphite electrode and arced under the same conditions as were the stream-sediment samples.

Because the initial sample weight was half that used to produce the standard spectra, all values were doubled. Where doubled values fell between midpoints they were rounded to the higher midpoint (e.g. 20 ppm x 2 = 40 ppm, reported as 50 ppm).

This six-step semiquantitative emission spectrographic method used for the analysis of stream-sediment and nonmagnetic heavy-mineral-concentrate samples provides repeatability within one reporting interval of the reported value approximately 83 percent of the time and within two reporting intervals of the reported value approximately 96 percent of the time (Motooka and Grimes, 1976).

EXPLANATION OF DATA

Summarized statistics of stream-sediment and nonmagnetic heavy-mineral-concentrate data are presented in table 3 for the combined data sets from Bristol Bay, Ugashik, and Karluk quadrangles.

Tables 1 and 2 contain analytical results of the total set of stream-sediment (table 2) and heavy-mineral-concentrate (table 1) samples collected in the Bristol Bay, Ugashik, and Karluk quadrangles, Alaska. The tables are arranged so that column 1 contains the U.S. Geological Survey assigned sample numbers. These numbers coincide with the numbers on the sample site maps (plates 1-3) except that the maps do not show the BB (Bristol Bay), UG (Ugashik), or KA (Karluk) prefixes. Latitude and longitude (in degrees, minutes and seconds) are reported in columns 2 and 3. Columns 4-34, in which element headings are preceded by an S., contain all of the semiquantitative emission spectroscopy data. The results of atomic absorption analysis for copper, lead, and zinc are reported in columns 35-37 (table 2), where the element designation in the column heading is preceded by an AA.

Element concentrations are given in parts per million, except for iron, magnesium, calcium, and titanium, which are recorded in percent. Some of the values are reported simply an "N", or are preceded by < or >. The symbol N specifies that the element was not detected. The symbol < specifies that the element was detected but below the limit of determination. Likewise, the symbol > specifies that the detected value was greater than the limit of determination.

For stream-sediment samples, the approximate visual lower limits of detection for the 31 elements analyzed by semiquantitative emission spectroscopy are as follows. The lower limits for those elements reported in percent are iron and calcium, 0.05; titanium, 0.002; and magnesium, 0.02. The lower limits for those elements reported in ppm are silver, 0.5; beryllium, I; cobalt, copper, molybdenum, nickel, and scandium, 5; manganese, gold, boron, bismuth, chromium, lead, tin, vanadium, yttrium, and zirconium, 10; barium, cadmium, lanthanum, and niobium, 20; tungsten, 50; antimony, strontium, and thorium, 100; and arsenic and zinc, 200. The lower limit of detection for atomic absorption analysis of copper, lead, and zinc is 5.0 ppm.

The upper limits of detection for semiquantitative emission spectroscopy for stream-sediment samples are as follows. The upper limits for those elements reported in percent are iron and calcium, 20; titanium, 1; and magnesium 10. The upper limits for those elements reported in ppm are scandium, 100; gold and cadmium, 500; beryllium, bismuth, lanthanum, tin, and zirconium, 1,000; boron, cobalt, molybdenum, niobium, thorium, and yttrium, 2,000; manganese, silver, barium, chromium, strontium, and nickel, 5,000; arsenic, antimony, tungsten, vanadium, and zinc, 10,000; and copper and lead, 20,000.

The upper and lower limits of detection for semiquantitative emission spectroscopy for heavy-mineral-concentrate samples are double those for stream sediments. As stated previously, values are doubled because 5 mg of sample is analyzed. Doubled values occurring between midpoints were rounded to the higher midpoint.

REFERENCES

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

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

Ward, F. N., Nakagawa, H. M., Harms, T. F., and Van Sickle, G. H., 1969, Atomic-absorption methods of analysis useful in geochemical exploration: U.S. Geological Survey Bulletin 1289, 45 p.

Table 1.--Analytical data from the nonmagnetic heavy-mineral-concentrate samples, Bristol Bay, Ugashik, and Karluk quadrangles, Alaska.

[Element concentrations reported in ppm except Fe, Mg, Ca, and Ti which are reported in percent. Element concentrations code with an N, <, or > indicate; not detected, detected but below limit of determination, and greater than upper limit of determination. Latitude and longitude are given in degrees, minutes, and seconds.]

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA
BB0010	57 3 6	158 3 55	10.0	10.00	15.00	.70	2,000	N	N	N	70	300
BB0020	57 1 13	158 5 7	7.0	10.00	15.00	1.00	2,000	N	N	N	70	300
BB0030	57 2 56	158 4 43	5.0	7.00	10.00	1.00	1,500	N	N	N	100	300
BB0040	57 2 3	158 7 53	5.0	7.00	10.00	1.00	1,500	N	N	N	200	500
BB0050	57 3 2	158 11 44	5.0	7.00	10.00	1.00	2,000	N	N	N	70	500
BB0060	57 5 34	158 15 58	7.0	10.00	15.00	.50	2,000	N	N	N	20	150
BB0070	57 5 50	158 21 54	5.0	10.00	10.00	.50	1,500	N	N	N	200	100
BB0080	57 3 30	158 20 12	7.0	10.00	10.00	.70	2,000	N	N	N	20	300
BB0090	57 3 22	158 22 47	3.0	5.00	10.00	1.00	700	N	N	N	20	500
BB0100	57 3 57	158 23 55	7.0	15.00	20.00	.70	2,000	N	N	N	70	200
BB0110	57 3 13	158 32 21	3.0	5.00	10.00	>2.00	1,500	N	N	N	100	200
BB0120	57 2 15	158 38 4	5.0	7.00	10.00	2.00	1,500	N	N	N	500	200
BB0130	57 5 43	158 33 57	7.0	7.00	15.00	1.50	3,000	N	N	N	700	300
BB0140	57 10 11	158 28 31	5.0	7.00	10.00	2.00	2,000	N	N	N	500	100
BB0150	57 11 41	158 26 41	7.0	10.00	15.00	1.50	2,000	N	N	N	700	150
KA0010	57 56 53	155 2 19	3.0	.70	5.00	>2.00	1,000	N	N	N	150	500
KA0020	57 59 29	155 4 52	2.0	.30	5.00	2.00	1,000	N	N	N	200	300
KA0070	57 57 15	155 5 33	1.5	.20	5.00	>2.00	700	N	N	N	300	700
KA0080	57 57 45	155 8 47	2.0	.50	7.00	>2.00	1,000	N	N	N	200	200
KA0090	57 59 3	155 10 54	1.5	.30	5.00	2.00	1,500	N	N	N	200	300
KA0110	57 59 59	155 14 35	2.0	.20	5.00	>2.00	1,000	N	N	N	200	500
KA0120	57 58 52	155 16 54	3.0	.30	5.00	>2.00	1,500	N	N	N	300	1,500
KA0130	57 59 0	155 16 47	5.0	.30	7.00	>2.00	1,000	7.0	N	N	700	1,500
KA0140	57 57 14	155 15 0	5.0	.30	5.00	>2.00	1,000	N	N	N	200	700
KA0150	57 56 25	155 15 22	1.0	.20	7.00	>2.00	1,000	N	N	N	150	300
KA0160	57 56 7	155 13 45	2.0	.20	5.00	>2.00	1,000	N	N	N	200	300
KA0170	57 56 35	155 9 51	2.0	.70	7.00	>2.00	1,000	N	N	N	700	300
KA0180	57 55 35	155 9 57	1.5	.20	7.00	>2.00	1,000	N	N	N	500	200
KA0190	57 55 3	155 8 36	7.0	1.00	10.00	>2.00	1,500	7.0	N	N	5,000	700
KA0200	57 53 1	155 4 43	15.0	.70	3.00	>2.00	700	150.0	N	700	50	500
KA0210	57 52 41	155 9 54	2.0	.50	7.00	2.00	1,000	N	N	<20	300	300
KA0220	57 52 32	155 11 30	5.0	.70	7.00	>2.00	1,500	N	N	N	>5,000	200
KA0230	57 54 19	155 16 13	3.0	.70	7.00	2.00	1,500	N	N	N	700	200
KA0240	57 54 16	155 18 43	1.5	.30	5.00	>2.00	1,000	N	N	N	200	200
KA0250	57 54 14	155 19 6	2.0	.50	10.00	2.00	1,500	N	N	N	150	200
KA0260	57 54 31	155 19 14	5.0	.50	7.00	>2.00	1,500	N	N	N	200	1,500
KA0270	57 52 20	155 16 25	2.0	.70	10.00	2.00	1,500	N	N	N	3,000	300
KA0280	57 51 50	155 16 10	3.0	1.00	10.00	1.50	1,500	N	N	N	1,500	200
KA0290	57 50 0	155 13 45	5.0	1.00	15.00	1.50	1,500	N	N	N	700	300
KA0300	57 51 37	155 23 16	5.0	.70	10.00	2.00	2,000	N	N	N	700	500
KA0310	57 50 56	155 23 8	7.0	1.50	15.00	1.50	1,500	10.0	N	N	1,500	500
KA0320	57 50 44	155 22 21	2.0	.50	10.00	2.00	1,000	N	N	N	1,000	300
KA0330	57 49 59	155 22 23	7.0	1.00	10.00	1.00	1,500	N	N	N	3,000	500
KA0340	57 49 2	155 20 55	3.0	1.00	15.00	2.00	1,500	N	N	N	300	300
KA0350	57 47 49	155 22 9	5.0	1.50	15.00	2.00	1,500	N	N	N	500	300

Table 1 - Concentrates

Sample	S-BE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB
BB001C	<2	N	N	70	2,000	10	50	N	N	100	<20
BB002C	<2	N	N	70	3,000	15	70	N	<50	100	N
BB003C	<2	N	N	30	1,500	<10	100	N	70	70	N
BB004C	<2	N	N	50	3,000	50	100	N	50	100	<20
BB005C	<2	N	N	20	3,000	<10	200	N	<50	100	N
BB006C	<2	N	N	50	2,000	10	50	N	N	100	N
BB007C	<2	N	N	50	3,000	<10	100	N	N	150	N
BB008C	<2	N	N	50	2,000	20	150	N	N	100	<20
BB009C	<2	N	N	30	1,500	<10	500	N	<50	70	N
BB010C	<2	N	N	70	7,000	15	70	N	N	200	70
BB011C	<2	N	N	20	1,500	<10	100	N	50	70	<20
BB012C	<2	N	N	30	2,000	<10	100	N	50	150	N
BB013C	<2	N	N	15	2,000	<10	150	N	<50	150	N
BB014C	<2	N	N	70	2,000	<10	100	N	70	150	N
BB015C	<2	N	N	50	3,000	<10	70	N	<50	150	<20
KA005C	<2	N	N	10	100	<10	150	N	100	30	N
KA006C	N	N	N	<10	50	<10	150	N	100	20	N
KA007C	N	N	N	<10	70	<10	150	N	100	20	N
KA008C	N	N	N	<10	50	<10	150	N	70	20	N
KA009C	N	N	N	<10	70	N	150	N	100	15	N
KA010C	N	N	N	15	30	15	300	N	70	30	N
KA011C	N	N	N	50	50	100	500	N	50	50	<20
KA012C	<2	N	N	20	50	50	150	N	100	50	50
KA013C	N	N	N	15	50	150	150	N	100	70	20
KA014C	N	N	N	<10	20	<10	200	N	50	15	N
KA015C	N	N	N	10	50	<10	150	N	<50	20	N
KA016C	N	N	N	10	200	<10	100	N	70	30	N
KA017C	N	N	N	10	50	<10	150	N	<50	20	N
KA018C	<2	N	N	50	200	100	100	N	50	70	30
KA019C	<2	N	N	150	100	1,500	70	N	<50	100	20
KA020C	<2	N	N	10	150	20	150	N	50	30	<20
KA021C	<2	N	N	15	150	15	150	N	70	30	<20
KA022C	<2	N	N	15	150	10	100	N	50	30	<20
KA023C	N	N	N	15	50	<10	150	N	<50	20	N
KA024C	N	N	N	15	50	<10	300	N	70	20	20
KA025C	N	N	N	15	50	50	300	N	50	50	30
KA026C	<2	N	N	10	100	15	200	N	50	30	N
KA027C	<2	N	N	20	200	10	100	N	50	70	N
KA028C	<2	N	N	20	300	20	100	N	50	70	20
KA029C	<2	N	N	10	200	20	200	N	70	50	20
KA030C	2	N	N	20	300	100	100	N	<50	70	20
KA031C	N	N	N	15	70	<10	150	N	50	30	N
KA032C	<2	N	N	50	300	50	100	N	<50	70	<20
KA033C	<2	N	N	20	300	10	150	N	<50	50	N
KA034C	<2	N	N	30	500	30	150	N	<50	70	<20

Table 1 - Concentrates

Sample	S-SB	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	S-TH
BB001C	N	>200	N	200	700	N	100	N	>2,000	N
BB002C	N	200	N	300	500	N	150	N	>2,000	N
BB003C	N	100	N	500	300	N	200	N	>2,000	N
BB004C	N	100	N	500	300	N	200	N	>2,000	N
BB005C	N	100	N	500	300	N	200	N	>2,000	N
BB006C	N	150	N	200	500	N	70	N	200	N
BB007C	N	100	N	200	300	N	70	N	>2,000	N
BB008C	N	150	N	300	300	N	150	N	>2,000	N
BB009C	N	70	N	700	150	N	300	N	>2,000	N
BB010C	N	150	N	300	500	N	70	N	2,000	N
BB011C	N	70	N	300	300	N	150	N	>2,000	N
BB012C	N	70	100	500	300	N	150	N	>2,000	N
BB013C	N	100	N	500	500	N	200	N	>2,000	N
BB014C	N	100	N	300	300	N	200	N	>2,000	N
BB015C	N	150	N	300	700	N	200	N	>2,000	N
KA005C	N	50	N	500	200	N	500	N	>2,000	N
KA006C	N	50	<20	300	150	N	500	N	>2,000	N
KA007C	N	50	30	500	150	N	700	N	>2,000	N
KA008C	N	50	70	500	150	N	700	N	>2,000	N
KA009C	N	50	70	300	150	N	700	N	>2,000	N
KA010C	N	70	30	300	150	N	700	N	>2,000	N
KA011C	N	50	20	300	150	N	700	N	>2,000	N
KA012C	N	30	30	500	200	N	500	N	>2,000	N
KA013C	N	50	20	300	150	N	700	N	>2,000	<200
KA014C	N	70	20	300	100	N	700	N	>2,000	N
KA015C	N	50	20	300	150	N	500	N	>2,000	N
KA016C	N	50	20	300	150	N	500	N	>2,000	N
KA017C	N	70	<20	300	100	N	700	N	>2,000	N
KA018C	N	70	N	300	300	N	200	N	>2,000	N
KA019C	N	30	N	300	150	500	150	N	>2,000	N
KA020C	N	70	30	300	150	N	500	N	>2,000	N
KA021C	N	50	30	500	150	N	500	N	>2,000	N
KA022C	N	50	20	500	150	N	500	N	>2,000	N
KA023C	N	70	N	500	100	N	700	N	>2,000	N
KA024C	N	50	30	500	150	N	500	N	>2,000	N
KA025C	N	70	20	500	150	N	700	N	>2,000	N
KA026C	N	50	N	300	100	N	500	N	>2,000	N
KA027C	N	50	N	300	150	N	300	N	>2,000	N
KA028C	N	50	N	500	200	N	300	N	>2,000	N
KA029C	N	50	20	700	200	N	500	N	>2,000	N
KA030C	N	50	N	500	200	N	200	N	>2,000	N
KA031C	N	70	N	500	150	N	500	N	>2,000	N
KA032C	N	50	N	300	150	N	200	N	>2,000	N
KA033C	N	50	N	500	150	N	200	N	>2,000	N
KA034C	N	70	N	500	300	N	150	N	>2,000	N

Table 1 - Concentrates--continued

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA
KA035C	57 46 41	155 20 43	5.0	1.50	15.00	2.00	1,500	N	N	N	300	5,000
KA036C	57 44 55	155 18 11	5.0	15.00	15.00	.50	1,000	N	N	N	50	200
KA037C	57 43 49	155 18 56	5.0	15.00	15.00	.30	1,000	N	N	N	50	100
KA038C	57 43 41	155 20 24	5.0	10.00	10.00	2.00	1,500	N	N	N	700	1,500
KA039C	57 44 6	155 23 13	7.0	1.00	10.00	>2.00	1,500	5.0	N	N	700	>10,000
KA040C	57 45 22	155 28 52	3.0	1.50	15.00	2.00	1,500	10.0	N	N	300	3,000
KA041C	57 46 2	155 30 21	5.0	1.00	15.00	2.00	1,500	N	N	N	1,500	1,000
KA042C	57 49 53	155 30 32	5.0	1.50	15.00	>2.00	1,500	N	N	N	500	500
KA043C	57 49 35	155 31 17	3.0	1.00	10.00	>2.00	1,500	N	N	N	300	300
KA044C	57 48 29	155 30 53	5.0	1.50	15.00	1.00	1,500	N	N	N	300	300
KA045C	57 47 50	155 30 55	5.0	2.00	15.00	1.50	1,500	10.0	N	N	200	700
KA046C	57 47 45	155 28 52	3.0	.70	15.00	1.50	1,000	N	N	N	300	200
KA047C	57 48 1	155 28 49	7.0	1.50	15.00	1.00	1,500	10.0	N	N	1,000	300
KA048C	57 48 7	155 29 8	5.0	1.50	15.00	2.00	1,500	N	N	N	700	300
KA049C	57 47 44	155 30 32	5.0	1.00	15.00	>2.00	2,000	N	N	N	150	500
KA050C	57 47 54	155 36 18	2.0	.70	15.00	>2.00	1,500	N	N	N	500	300
KA052C	57 48 11	155 38 33	3.0	.70	10.00	>2.00	1,500	7.0	N	N	500	500
KA053C	57 44 51	155 38 0	5.0	1.50	15.00	1.50	1,500	N	N	N	500	200
KA054C	57 45 9	155 38 15	2.0	.70	15.00	2.00	1,500	N	N	N	500	200
KA055C	57 43 43	155 41 1	7.0	1.00	10.00	1.00	1,000	N	N	N	500	200
KA056C	57 44 4	155 41 29	3.0	.70	10.00	1.50	1,000	N	N	N	500	200
KA057C	57 43 49	155 41 25	5.0	1.00	10.00	2.00	1,000	N	N	N	300	300
KA058C	57 43 8	155 38 12	7.0	.70	10.00	2.00	1,500	2.0	N	N	200	300
KA059C	57 42 22	155 39 0	5.0	1.00	15.00	2.00	1,000	3.0	N	N	300	300
KA060C	57 45 29	155 38 35	3.0	1.00	15.00	1.50	1,500	N	N	N	200	200
KA061C	57 59 17	155 48 48	10.0	1.50	10.00	1.00	1,500	5.0	N	N	30	1,000
KA062C	57 59 10	155 50 13	10.0	5.00	10.00	.20	2,000	5.0	N	N	50	>10,000
KA063C	57 59 4	155 53 30	7.0	10.00	10.00	.20	2,000	N	N	N	<20	300
KA064C	57 59 33	155 53 19	7.0	10.00	10.00	.50	2,000	N	N	N	20	150
KA065C	57 59 9	155 57 44	5.0	7.00	10.00	.30	1,500	N	N	N	<20	200
KA066C	57 58 55	155 58 18	5.0	7.00	15.00	2.00	1,500	N	N	N	50	500
KA068C	57 56 4	155 58 50	7.0	7.00	15.00	1.50	2,000	<1.0	N	N	70	200
KA069C	57 55 40	155 55 6	7.0	10.00	15.00	.30	1,500	1.5	N	N	<20	150
KA070C	57 55 15	155 50 36	7.0	5.00	15.00	.30	1,500	3.0	N	N	<20	150
KA071C	57 57 3	155 47 23	10.0	5.00	15.00	.20	1,000	<1.0	N	N	<20	100
KA072C	57 57 3	155 47 23	7.0	7.00	10.00	.50	1,500	N	N	N	20	200
KA073C	57 55 59	155 48 30	7.0	10.00	15.00	.30	2,000	1.0	N	N	20	150
KA074C	57 55 57	155 44 27	7.0	1.00	10.00	1.50	1,000	<1.0	N	N	150	700
KA075C	57 59 9	155 41 1	15.0	1.00	5.00	1.00	1,000	3.0	N	N	50	5,000
KA076C	57 56 31	155 41 50	10.0	1.50	10.00	1.50	1,000	N	N	N	100	10,000
KA077C	57 51 7	155 34 40	5.0	3.00	7.00	>1.00	1,000	2.0	N	N	150	300
KA079C	57 41 14	155 37 22	5.0	1.50	10.00	1.00	1,500	N	N	N	300	700
KA080C	57 41 8	155 37 14	5.0	1.50	10.00	1.50	1,500	2.0	N	N	200	200
KA081C	57 40 56	155 35 0	3.0	1.00	15.00	1.00	1,500	N	N	N	150	300
KA082C	57 33 39	155 44 15	7.0	2.00	10.00	1.00	2,000	N	N	N	1,000	200

Table 1 - Concentrates--continued

Sample	S-BE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB
KA035C	<2	N	N	30	500	20	150	N	<50	100	N
KA036C	<2	N	N	50	3,000	10	<50	N	N	300	N
KA037C	<2	N	N	50	3,000	10	<50	N	N	300	N
KA038C	<2	N	N	30	2,000	10	50	N	<50	150	N
KA039C	<2	N	N	20	300	100	100	N	50	50	50
KA040C	<2	N	N	20	500	15	100	N	<50	70	N
KA041C	N	N	N	20	500	30	150	N	70	50	<20
KA042C	<2	N	N	20	500	30	150	N	50	70	<20
KA043C	N	N	N	15	300	10	100	N	50	30	N
KA044C	<2	N	N	30	300	50	150	N	<50	50	<20
KA045C	<2	N	N	30	300	15	100	N	<50	70	N
KA046C	<2	N	N	20	150	20	70	N	<50	50	N
KA047C	<2	N	N	20	700	70	70	700	<50	100	N
KA048C	<2	N	N	30	700	20	100	N	<50	70	N
KA049C	N	N	N	15	200	10	150	N	70	50	20
KA050C	N	N	N	10	150	<10	200	N	100	30	N
KA052C	N	N	N	10	100	<10	150	N	100	50	<20
KA053C	N	N	N	20	500	30	100	N	50	70	N
KA054C	N	N	N	10	300	15	200	N	100	50	<20
KA055C	N	N	N	30	500	100	100	N	<50	150	20
KA056C	N	N	N	15	300	100	150	N	<50	70	N
KA057C	<2	N	N	20	500	30	100	N	50	100	<20
KA058C	<2	N	N	30	500	70	100	N	70	70	20
KA059C	N	N	N	20	500	20	150	N	<50	100	N
KA060C	N	N	N	20	500	50	150	N	<50	70	N
KA061C	<2	N	N	30	300	70	70	N	<50	100	20
KA062C	<2	N	N	50	70	1,500	50	N	N	150	20
KA063C	<2	N	N	70	1,000	20	<50	N	N	200	<20
KA064C	N	N	N	50	1,000	15	50	N	N	150	<20
KA065C	<2	N	N	50	1,000	30	50	N	N	200	N
KA066C	N	N	N	30	1,000	10	100	N	70	150	N
KA068C	<2	N	N	30	1,000	10	70	N	<50	150	20
KA069C	<2	N	N	50	1,000	30	<50	N	N	200	20
KA070C	<2	N	N	30	1,000	30	50	N	N	100	<20
KA071C	<2	N	N	30	1,500	70	50	N	N	150	N
KA072C	<2	N	N	50	1,000	150	50	N	N	150	<20
KA073C	<2	N	N	70	1,000	100	50	N	N	150	<20
KA074C	<2	N	N	20	200	150	100	N	<50	150	30
KA075C	<2	N	N	30	100	150	70	10	<50	150	100
KA076C	N	N	100	30	300	100	150	N	50	100	20
KA077C	N	N	N	15	500	20	100	N	<20	100	70
KA079C	<2	N	N	20	700	50	100	N	<50	70	N
KA080C	N	N	N	20	700	15	100	N	<50	70	<20
KA081C	N	N	N	10	150	10	200	N	N	50	20
KA082C	<2	N	N	30	500	15	100	N	<50	100	<20

Table 1 - Concentrates--continued

Sample	S-SB	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	S-TH
KA035C	N	70	N	500	200	N	200	N	>2,000	N
KA036C	N	200	N	<200	300	N	20	N	1,000	N
KA037C	N	150	N	<200	200	N	20	N	1,500	N
KA038C	N	100	N	200	150	N	200	N	>2,000	N
KA039C	N	70	N	700	500	N	150	N	>2,000	N
KA040C	N	70	N	300	150	N	300	N	>2,000	N
KA041C	N	70	30	300	200	N	700	N	>2,000	N
KA042C	N	70	30	500	200	N	700	N	>2,000	N
KA043C	N	50	<20	500	150	N	500	N	>2,000	N
KA044C	N	50	N	500	200	N	200	N	>2,000	N
KA045C	N	70	N	500	150	N	300	N	>2,000	N
KA046C	N	50	N	300	150	N	200	N	>2,000	N
KA047C	N	50	N	300	200	N	150	N	>2,000	N
KA048C	N	70	N	700	200	N	200	N	>2,000	N
KA049C	N	70	30	500	200	N	700	N	>2,000	N
KA050C	N	50	30	500	150	N	700	N	>2,000	N
KA052C	N	70	50	500	200	N	500	N	>2,000	N
KA053C	N	70	N	500	200	N	200	N	>2,000	N
KA054C	N	50	N	500	200	N	300	N	>2,000	N
KA055C	N	50	N	300	200	N	200	N	>2,000	N
KA056C	N	70	20	300	150	N	500	N	>2,000	N
KA057C	N	30	N	300	200	N	200	N	>2,000	N
KA058C	N	70	N	500	200	N	150	N	>2,000	N
KA059C	N	70	N	300	200	N	300	N	>2,000	N
KA060C	N	50	N	500	200	N	200	N	>2,000	N
KA061C	N	50	300	500	200	N	150	N	>2,000	N
KA062C	N	70	N	300	150	N	30	N	1,000	N
KA063C	N	100	N	200	200	N	50	N	2,000	N
KA064C	N	150	N	200	200	N	100	N	>2,000	N
KA065C	N	150	N	300	200	N	100	N	>2,000	N
KA066C	N	100	N	500	300	N	300	N	>2,000	N
KA068C	N	150	N	300	300	N	150	N	2,000	N
KA069C	N	150	N	300	300	N	50	N	2,000	N
KA070C	N	100	N	500	200	N	50	N	>2,000	N
KA071C	N	100	N	200	200	N	30	N	200	N
KA072C	N	100	N	200	200	N	50	N	1,000	N
KA073C	N	200	N	300	500	N	100	N	>2,000	N
KA074C	N	70	N	500	200	N	200	N	>2,000	N
KA075C	N	30	N	500	100	N	150	N	>2,000	N
KA076C	N	70	N	700	150	N	300	N	>2,000	N
KA077C	N	50	30	500	200	N	300	N	>1,000	N
KA079C	N	70	N	500	200	N	200	N	>2,000	N
KA080C	N	70	N	300	150	N	150	N	>2,000	N
KA081C	N	100	N	700	100	N	700	N	>2,000	N
KA082C	N	100	N	500	200	N	200	N	>2,000	N

Table 1 - Concentrates--continued

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA
KA083C	57 34 24	155 44 5	3.0	2.00	10.00	1.00	1,500	N	N	N	1,000	300
KA084C	57 36 11	155 44 32	7.0	2.00	15.00	1.50	2,000	5.0	N	N	200	200
KA085C	57 37 43	155 46 11	3.0	1.00	10.00	.70	1,500	N	N	N	500	200
KA086C	57 40 15	155 50 13	7.0	2.00	15.00	1.50	2,000	N	N	N	300	500
KA087C	57 39 31	155 49 6	3.0	1.00	10.00	1.00	1,000	N	N	N	200	>10,000
KA088C	57 39 20	155 47 19	7.0	5.00	15.00	1.00	2,000	N	N	N	500	3,000
KA089C	57 38 10	155 44 9	7.0	5.00	10.00	1.50	1,500	N	N	N	500	1,000
KA090C	57 41 18	155 44 0	7.0	2.00	10.00	1.50	1,500	10.0	N	N	300	300
KA091C	57 41 8	155 43 52	2.0	1.00	10.00	1.50	1,000	N	N	N	200	500
KA092C	57 40 28	155 42 4	5.0	2.00	15.00	1.50	1,500	N	N	N	500	200
KA093C	57 39 52	155 41 17	5.0	3.00	15.00	1.00	1,500	N	N	N	150	300
KA094C	57 39 21	155 42 2	5.0	2.00	15.00	1.00	1,500	N	N	N	1,000	200
KA095C	57 57 49	155 37 46	7.0	1.50	15.00	2.00	1,500	N	N	N	200	500
KA096C	57 57 47	155 37 23	15.0	1.00	7.00	2.00	1,000	2.0	N	N	150	700
KA097C	57 56 13	155 38 17	15.0	2.00	10.00	1.50	1,500	7.0	N	N	30	300
KA098C	57 58 25	155 32 23	30.0	.70	3.00	1.00	1,000	7.0	N	N	100	700
KA099C	57 57 56	155 32 53	15.0	3.00	7.00	1.00	1,000	10.0	N	N	50	700
KA100C	57 57 48	155 31 1	5.0	2.00	10.00	>2.00	1,500	N	N	N	200	500
KA101C	57 59 0	155 27 8	3.0	1.00	10.00	>2.00	1,500	15.0	N	N	200	500
KA102C	57 59 14	155 23 47	1.5	.20	7.00	>2.00	1,500	N	N	N	500	500
KA103C	57 58 2	155 24 20	2.0	.30	7.00	>2.00	1,500	N	N	N	500	500
KA104C	57 56 55	155 22 19	10.0	.20	5.00	>2.00	1,500	7.0	N	N	300	10,000
KA105C	57 56 47	155 22 23	15.0	.70	7.00	>2.00	1,500	5.0	N	N	150	1,500
KA106C	57 55 54	155 25 30	5.0	.50	7.00	2.00	2,000	10.0	N	N	300	700
KA107C	57 55 11	155 26 0	7.0	.50	7.00	2.00	1,500	5.0	N	N	200	>10,000
KA108C	57 54 30	155 27 0	7.0	1.50	10.00	>2.00	2,000	7.0	N	N	300	2,000
KA109C	57 54 4	155 25 20	3.0	.20	10.00	>2.00	2,000	5.0	N	N	200	1,000
KA110C	57 53 47	155 30 31	2.0	.20	10.00	>2.00	2,000	5.0	N	N	150	700
KA112C	57 49 9	155 37 37	2.0	.50	10.00	>2.00	1,500	7.0	N	N	500	500
KA113C	57 39 47	155 59 23	3.0	3.00	15.00	>2.00	2,000	7.0	N	N	500	300
KA114C	57 43 17	155 57 37	1.5	.50	10.00	>2.00	1,500	N	N	N	200	300
KA115C	57 41 37	155 54 6	5.0	2.00	10.00	>2.00	2,000	7.0	N	N	500	500
KA116C	57 42 26	155 53 18	3.0	1.50	15.00	2.00	2,000	N	N	N	150	200
KA117C	57 42 53	155 49 41	3.0	.70	10.00	>2.00	1,500	N	N	N	500	500
KA118C	57 44 26	155 52 37	3.0	1.00	15.00	>2.00	1,500	7.0	N	N	300	500
KA119C	57 46 34	155 53 27	5.0	.70	10.00	2.00	1,500	7.0	N	N	200	500
KA120C	57 46 50	155 51 29	2.0	.70	10.00	>2.00	1,500	5.0	N	N	700	500
KA121C	57 47 40	155 49 47	3.0	1.00	10.00	>2.00	1,500	5.0	N	N	700	700
KA122C	57 48 6	155 47 42	5.0	1.00	10.00	2.00	1,500	N	N	N	200	200
KA123C	57 48 45	155 48 14	3.0	.70	10.00	>2.00	2,000	5.0	N	N	300	500
KA124C	57 50 42	155 46 33	7.0	2.00	15.00	>2.00	2,000	N	N	N	700	500
KA125C	57 34 22	155 50 54	5.0	1.50	10.00	1.50	2,000	2.0	N	N	150	>10,000
KA126C	57 35 58	155 55 13	5.0	1.00	7.00	2.00	1,000	7.0	N	N	50	>10,000
KA127C	57 35 56	155 55 24	5.0	1.00	15.00	1.00	1,500	N	N	N	500	>10,000
KA128C	57 37 29	155 57 30	7.0	1.50	10.00	1.50	1,500	N	N	N	150	1,000

Table 1 - Concentrates--continued

Sample	S-BE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB
KA083C	<2	N	N	20	500	50	100	N	<50	70	N
KA084C	<2	N	N	30	700	10	200	N	<50	100	N
KA085C	N	N	N	20	200	10	150	N	N	50	N
KA086C	N	N	N	30	500	70	150	N	N	70	<20
KA087C	N	N	N	15	70	15	100	N	N	50	N
KA088C	<2	N	N	30	500	50	100	N	<50	100	20
KA089C	N	N	N	30	500	50	100	N	N	70	<20
KA090C	<2	N	N	30	300	15	100	N	<50	50	30
KA091C	N	N	N	20	200	<10	70	N	N	30	N
KA092C	<2	N	N	20	500	10	70	N	<50	70	N
KA093C	N	N	N	30	700	30	70	N	N	70	<20
KA094C	<2	N	N	20	700	20	150	N	<50	100	N
KA095C	<2	N	N	20	300	20	150	N	70	50	30
KA096C	N	N	N	30	300	100	150	N	50	300	70
KA097C	<2	N	N	30	500	70	70	N	50	150	70
KA098C	<2	N	N	50	500	200	70	N	50	200	100
KA099C	<2	N	N	30	1,000	150	100	N	<50	200	100
KA100C	N	N	N	20	700	10	150	N	100	50	<20
KA101C	N	N	N	10	200	<10	150	N	150	N	N
KA102C	N	N	N	<10	50	N	200	N	70	N	N
KA103C	N	N	N	20	70	70	150	N	100	N	N
KA104C	<2	N	N	20	50	150	100	N	70	150	70
KA105C	N	N	N	30	100	100	150	N	70	150	100
KA106C	<2	N	N	15	70	70	150	N	70	70	50
KA107C	<2	N	N	20	100	100	150	N	100	100	70
KA108C	N	N	N	30	300	15	150	N	100	70	N
KA109C	N	N	N	<10	50	10	300	N	70	N	20
KA110C	<2	N	N	<10	30	<10	200	N	70	N	20
KA112C	N	N	N	<10	70	20	150	N	50	N	<20
KA113C	N	N	N	20	700	<10	200	N	100	50	N
KA114C	N	N	N	10	700	15	200	N	70	N	N
KA115C	<2	N	N	30	300	100	200	N	100	70	20
KA116C	N	N	N	30	500	50	150	N	50	50	N
KA117C	N	N	N	15	150	100	200	N	70	N	N
KA118C	<2	N	N	15	500	70	150	N	150	50	N
KA119C	<2	N	N	15	300	200	200	N	100	50	<20
KA120C	N	N	N	10	200	<10	200	N	70	N	N
KA121C	<2	N	N	20	500	<10	150	N	100	70	<20
KA122C	N	N	N	20	300	20	100	N	<50	50	N
KA123C	N	N	N	10	150	<10	150	N	70	20	50
KA124C	N	N	N	20	700	10	200	N	150	50	30
KA125C	N	N	N	20	300	15	150	N	<50	50	N
KA126C	N	N	N	20	200	20	100	N	N	70	<20
KA127C	N	N	N	20	200	30	200	N	<50	50	N
KA128C	N	N	N	30	700	30	100	N	<50	70	<20

Table 1 - Concentrates--continued

Sample	S-SB	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	S-TH
KA083C	N	70	N	300	150	N	200	N	>2,000	N
KA084C	N	100	N	500	200	N	200	N	>2,000	N
KA085C	N	100	N	500	100	N	300	N	>2,000	N
KA086C	N	100	N	500	200	N	200	N	>2,000	N
KA087C	N	100	N	500	150	N	500	N	>2,000	N
KA088C	N	70	N	300	200	N	150	N	>2,000	N
KA089C	N	100	N	500	200	N	200	N	>2,000	N
KA090C	N	70	N	500	150	N	200	N	>2,000	N
KA091C	N	70	N	500	100	N	200	N	>2,000	N
KA092C	N	70	N	300	200	N	200	N	>2,000	N
KA093C	N	100	N	500	150	N	200	N	>2,000	N
KA094C	N	70	N	500	300	N	200	N	>2,000	N
KA095C	N	70	N	700	300	N	300	N	>2,000	N
KA096C	N	50	N	500	150	N	500	N	>2,000	N
KA097C	N	70	N	300	200	N	200	N	>2,000	N
KA098C	N	50	N	300	100	N	300	N	>2,000	N
KA099C	N	70	N	500	150	N	200	N	>2,000	N
KA100C	N	100	30	500	200	N	700	N	>2,000	N
KA101C	N	70	50	300	200	N	700	N	>2,000	N
KA102C	N	70	30	200	150	N	700	N	>2,000	N
KA103C	N	50	50	200	150	N	700	N	>2,000	N
KA104C	N	20	20	300	100	N	700	N	>2,000	N
KA105C	N	70	20	300	150	N	700	N	>2,000	N
KA106C	N	20	50	300	150	N	700	N	2,000	N
KA107C	N	30	<20	500	150	N	700	N	>2,000	N
KA108C	N	70	<20	500	150	N	700	N	>2,000	N
KA109C	N	30	50	700	200	N	700	N	>2,000	N
KA110C	N	50	50	500	150	N	700	N	>2,000	N
KA112C	N	50	70	200	200	N	700	N	>2,000	N
KA113C	N	100	50	300	200	N	500	N	>2,000	N
KA114C	N	70	20	500	150	N	700	N	>2,000	N
KA115C	N	50	30	500	300	N	500	N	>2,000	N
KA116C	N	70	N	300	200	N	500	N	>2,000	N
KA117C	N	50	20	200	200	N	700	N	>2,000	N
KA118C	N	50	30	300	200	N	700	N	>2,000	N
KA119C	N	30	N	500	300	N	500	N	>2,000	N
KA120C	N	70	30	300	200	N	700	N	>2,000	N
KA121C	N	50	20	500	300	N	500	N	>2,000	N
KA122C	N	70	N	300	200	N	300	N	>2,000	N
KA123C	N	50	30	500	300	N	500	N	>2,000	N
KA124C	N	70	50	500	500	N	700	N	>2,000	N
KA125C	N	70	N	500	150	N	200	N	>2,000	N
KA126C	N	70	N	700	150	N	300	N	>2,000	N
KA127C	N	70	N	500	150	N	300	N	>2,000	N
KA128C	N	70	N	300	200	N	200	N	>2,000	N

Table 1 - Concentrates--continued

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA
KA129C	57 37 30	155 58 31	7.0	1.00	10.00	2.00	1,500	N	N	N	150	500
KA130C	57 38 0	155 59 15	7.0	1.00	10.00	>2.00	1,500	N	N	N	200	500
KA131C	57 37 21	155 53 2	2.0	.70	7.00	1.50	1,000	N	N	N	150	2,000
KA132C	57 37 29	155 54 0	10.0	.70	7.00	1.00	1,500	N	N	N	3,000	>10,000
KA133C	57 37 56	155 54 5	7.0	.70	7.00	.70	1,000	N	N	N	100	>10,000
KA134C	57 39 16	155 56 52	3.0	.50	3.00	2.00	700	N	N	N	200	2,000
KA135C	57 33 1	155 47 9	3.0	1.00	15.00	2.00	1,000	7.0	N	N	700	1,000
KA136C	57 34 18	155 48 44	10.0	1.00	10.00	1.00	1,000	5.0	N	N	100	>10,000
KA137C	57 34 52	155 49 54	2.0	.20	10.00	1.50	1,000	3.0	N	N	300	10,000
KA138C	57 33 11	155 54 5	2.0	1.00	10.00	1.50	1,500	5.0	N	N	700	700
KA139C	57 32 15	155 55 31	7.0	2.00	10.00	1.50	1,500	N	N	N	200	>10,000
UG001C	57 13 34	157 17 17	10.0	15.00	30.00	1.50	3,000	N	N	N	20	300
UG002C	57 13 56	157 20 53	7.0	20.00	30.00	1.50	3,000	N	N	N	30	500
UG003C	57 13 59	157 22 50	5.0	10.00	20.00	>2.00	2,000	N	N	N	200	500
UG004C	57 16 41	157 24 18	5.0	15.00	20.00	1.50	3,000	N	N	N	150	300
UG005C	57 5 31	157 23 49	15.0	10.00	10.00	>2.00	1,500	N	N	N	5,000	>10,000
UG006C	57 8 20	157 26 47	10.0	15.00	20.00	2.00	2,000	N	N	N	200	700
UG007C	57 8 18	157 27 17	7.0	15.00	15.00	2.00	2,000	N	N	N	70	700
UG008C	57 9 24	157 29 35	7.0	10.00	20.00	1.50	2,000	N	N	N	50	700
UG009C	57 10 46	157 31 49	7.0	15.00	20.00	1.00	2,000	N	N	N	20	150
UG010C	57 10 53	157 34 2	7.0	20.00	20.00	1.50	2,000	N	N	N	30	150
UG011C	57 9 24	157 35 49	7.0	10.00	20.00	1.50	3,000	N	N	N	500	200
UG012C	57 8 26	157 36 36	7.0	15.00	30.00	.70	2,000	N	N	N	20	100
UG013C	57 7 59	157 33 0	7.0	20.00	20.00	2.00	2,000	N	N	N	700	200
UG014C	57 6 36	157 35 17	7.0	10.00	15.00	>2.00	2,000	N	N	N	700	2,000
UG015C	57 7 32	157 33 7	10.0	20.00	30.00	>2.00	2,000	N	N	N	100	500
UG016C	57 7 10	157 32 9	7.0	15.00	20.00	1.00	2,000	N	N	N	100	700
UG017C	57 6 29	157 32 35	7.0	10.00	15.00	1.50	3,000	100.0	N	500	5,000	500
UG018C	57 6 16	157 29 33	7.0	7.00	20.00	>2.00	2,000	N	N	N	1,500	3,000
UG019C	57 5 17	157 29 35	20.0	.70	1.50	>2.00	1,500	15.0	N	N	100	>10,000
UG020C	57 4 10	157 26 3	50.0	1.00	2.00	1.00	500	3.0	3,000	N	>5,000	>10,000
UG021C	57 3 20	157 28 35	50.0	3.00	5.00	>2.00	1,000	5.0	2,000	N	5,000	>10,000
UG022C	57 7 39	157 38 46	10.0	20.00	30.00	1.50	2,000	N	N	N	700	500
UG023C	57 6 18	157 39 48	7.0	20.00	30.00	1.00	3,000	N	N	N	50	700
UG024C	57 6 3	157 37 28	7.0	15.00	15.00	1.00	2,000	N	N	N	70	300
UG025C	57 4 10	157 37 21	7.0	10.00	15.00	2.00	2,000	N	N	N	300	2,000
UG026C	57 4 0	157 36 58	7.0	7.00	15.00	>2.00	1,500	N	N	N	500	10,000
UG027C	57 4 9	157 35 35	7.0	7.00	10.00	>2.00	2,000	N	N	N	1,500	5,000
UG028C	57 2 51	157 34 21	3.0	1.00	5.00	>2.00	1,000	N	N	N	1,500	>10,000
UG029C	57 2 23	157 34 39	5.0	2.00	10.00	>2.00	1,500	N	N	N	1,000	3,000
UG030C	57 0 55	157 32 40	30.0	1.00	2.00	>2.00	700	<1.0	N	N	700	>10,000
UG031C	57 1 39	157 29 44	5.0	3.00	3.00	>2.00	1,500	N	N	N	>5,000	1,500
UG032C	57 2 12	157 30 30	20.0	1.00	3.00	>2.00	700	2.0	N	N	200	>10,000
UG033C	57 7 21	157 41 24	7.0	15.00	15.00	1.50	2,000	N	N	N	20	1,000
UG034C	57 7 38	157 43 41	5.0	10.00	10.00	2.00	1,500	N	N	N	500	700

Table 1 - Concentrates--continued

Sample	S-BE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB
KA129C	N	N	N	20	200	70	150	N	70	70	20
KA130C	N	N	N	20	500	30	150	N	50	70	20
KA131C	N	N	N	10	100	10	150	N	N	30	N
KA132C	N	N	N	30	150	200	200	N	N	100	20
KA133C	N	N	N	30	150	30	150	N	N	100	20
KA134C	N	N	N	20	100	50	150	N	50	50	20
KA135C	N	N	N	20	300	20	150	N	50	70	<20
KA136C	<2	N	N	30	200	70	70	N	N	100	30
KA137C	N	N	N	15	200	10	200	N	N	30	N
KA138C	N	N	N	20	300	10	200	N	<50	50	<20
KA139C	<2	N	N	30	500	100	70	N	<50	70	20
UG001C	<2	N	N	100	10,000	15	70	N	<50	200	<20
UG002C	<2	N	N	100	>10,000	10	70	N	<50	200	<20
UG003C	<2	N	N	70	5,000	<10	100	N	70	150	<20
UG004C	<2	N	N	70	5,000	<10	50	N	<50	150	N
UG005C	<2	N	N	200	3,000	100	200	N	<50	200	100
UG006C	<2	N	N	100	7,000	10	300	N	<50	100	20
UG007C	<2	N	N	100	3,000	<10	200	N	<50	100	30
UG008C	<2	N	N	70	5,000	15	100	N	<50	200	20
UG009C	<2	N	N	100	7,000	15	50	N	<50	500	<20
UG010C	<2	N	N	100	7,000	10	150	N	<50	300	<20
UG011C	<2	N	N	100	5,000	15	50	N	<50	20	<20
UG012C	<2	N	N	100	10,000	10	50	N	N	500	<20
UG013C	<2	N	N	100	10,000	15	50	N	N	500	<20
UG014C	<2	N	N	70	3,000	<10	70	N	<50	70	70
UG015C	<2	N	N	100	10,000	50	100	N	N	30	100
UG016C	<2	N	N	70	5,000	10	100	N	N	100	50
UG017C	<2	N	N	50	2,000	15	100	N	N	400	50,000
UG018C	<2	N	N	30	1,500	<10	1,000	N	<50	20	2,000
UG019C	<2	N	50	200	300	2,000	200	N	50	150	700
UG020C	<2	30	N	700	200	1,500	100	N	<50	300	150
UG021C	<2	N	100	500	1,000	7,000	500	N	<50	150	300
UG022C	<2	N	N	150	>10,000	20	150	N	N	300	N
UG023C	<2	N	N	100	10,000	15	50	N	<50	200	20
UG024C	<2	N	N	70	5,000	10	70	N	<50	200	<20
UG025C	<2	N	N	50	3,000	15	150	N	50	100	20
UG026C	<2	N	N	30	2,000	<10	500	N	50	50	30
UG027C	<2	N	N	30	1,500	<10	500	N	50	30	50
UG028C	<2	N	N	10	200	500	300	N	70	<10	30
UG029C	<2	N	N	15	300	<10	300	N	50	<10	30
UG030C	<2	N	N	500	300	500	100	N	<50	500	200
UG031C	<2	N	N	70	700	1,000	150	N	50	30	50
UG032C	<2	N	N	300	200	700	700	N	50	300	500
UG033C	<2	N	N	100	5,000	10	50	N	N	300	<20
UG034C	<2	N	N	30	3,000	<10	150	N	70	100	<20

Table 1 - Concentrates--continued

Sample	S-SB	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	S-TH
KA129C	N	50	30	200	200	<100	500	N	>2,000	N
KA130C	N	50	20	300	200	N	500	N	>2,000	N
KA131C	N	70	N	300	100	N	300	N	>2,000	N
KA132C	N	70	N	500	100	N	300	N	>2,000	N
KA133C	N	50	N	500	100	N	200	N	>2,000	N
KA134C	N	70	20	200	100	N	700	N	>2,000	N
KA135C	N	70	<20	300	150	N	500	N	>2,000	N
KA136C	N	50	N	300	150	N	150	N	>2,000	N
KA137C	N	70	20	500	100	N	500	N	>2,000	N
KA138C	N	70	N	500	100	N	500	N	>2,000	N
KA139C	N	70	N	300	200	N	150	N	>2,000	N
UG001C	N	200	N	200	700	N	100	N	>2,000	N
UG002C	N	200	N	300	700	N	150	N	2,000	N
UG003C	N	200	N	300	1,000	N	200	N	2,000	N
UG004C	N	150	N	500	500	N	100	N	>2,000	N
UG005C	N	150	N	500	300	N	200	N	>2,000	N
UG006C	N	>200	N	300	700	N	500	N	>2,000	N
UG007C	N	>200	N	500	300	N	200	N	>2,000	N
UG008C	N	200	N	500	500	N	150	N	>2,000	N
UG009C	N	>200	N	200	700	N	100	N	>2,000	N
UG010C	N	>200	N	200	700	N	150	N	>2,000	N
UG011C	N	200	N	300	700	N	150	N	2,000	N
UG012C	N	>200	N	200	700	N	50	N	1,500	N
UG013C	N	>200	N	300	700	N	100	N	>2,000	N
UG014C	N	200	N	500	500	N	300	N	>2,000	N
UG015C	N	>200	N	300	700	N	150	N	>2,000	N
UG016C	N	>200	N	500	700	N	150	N	>2,000	N
UG017C	N	200	200	300	500	N	150	N	>2,000	N
UG018C	N	200	50	500	500	N	700	N	>2,000	N
UG019C	N	30	N	5,000	150	N	100	3,000	>2,000	N
UG020C	N	50	N	2,000	200	N	70	<500	1,000	N
UG021C	N	150	N	700	700	N	150	5,000	2,000	N
UG022C	N	>200	N	200	700	N	150	N	>2,000	N
UG023C	N	>200	500	500	700	N	100	N	>2,000	N
UG024C	N	200	N	300	500	N	100	N	>2,000	N
UG025C	N	150	N	500	700	N	200	N	>2,000	N
UG026C	N	150	N	700	500	N	300	N	>2,000	N
UG027C	N	150	20	300	500	N	150	N	>2,000	N
UG028C	N	50	N	500	200	N	150	N	>2,000	N
UG029C	N	70	N	700	300	N	200	N	>2,000	N
UG030C	N	50	N	1,000	300	N	100	N	>2,000	N
UG031C	N	200	50	200	700	N	500	N	>2,000	N
UG032C	N	70	N	1,500	150	N	200	N	>2,000	N
UG033C	N	200	N	300	500	N	70	N	>2,000	N
UG034C	N	150	70	500	500	N	200	N	>2,000	N

Table 1 - Concentrates--continued

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA
UG035C	57 6 31	157 45 54	7.0	10.00	15.00	1.50	2,000	N	N	N	100	700
UG036C	57 6 9	157 45 54	5.0	15.00	15.00	1.50	2,000	N	N	N	20	300
UG037C	57 4 16	157 46 16	7.0	15.00	15.00	.70	2,000	15.0	N	N	20	200
UG038C	57 4 6	157 41 48	7.0	10.00	10.00	1.50	2,000	N	N	N	70	700
UG039C	57 3 34	157 43 21	10.0	1.00	10.00	2.00	2,000	N	N	N	500	500
UG040C	57 3 53	157 43 37	10.0	15.00	15.00	.50	2,000	N	N	N	1,000	300
UG041C	57 1 59	157 45 22	7.0	10.00	15.00	>2.00	2,000	N	N	N	500	700
UG042C	57 1 33	157 43 43	5.0	10.00	10.00	2.00	2,000	N	N	N	100	>10,000
UG043C	57 1 5	157 43 54	10.0	7.00	10.00	>2.00	3,000	N	N	N	1,500	1,000
UG044C	57 1 0	157 41 19	5.0	3.00	7.00	>2.00	1,000	N	N	N	3,000	2,000
UG045C	57 1 14	157 40 23	5.0	5.00	30.00	>2.00	1,500	N	N	N	150	700
UG046C	57 0 41	157 38 14	5.0	2.00	10.00	>2.00	2,000	N	N	N	700	7,000
UG047C	57 0 53	157 38 3	7.0	5.00	10.00	1.50	2,000	N	N	N	100	>10,000
UG048C	57 7 32	157 51 13	5.0	10.00	15.00	1.00	2,000	N	N	N	500	1,000
UG049C	57 5 55	157 49 39	5.0	10.00	15.00	1.00	2,000	N	N	N	500	500
UG050C	57 3 1	157 49 3	5.0	7.00	15.00	2.00	2,000	N	N	N	150	500
UG051C	57 0 40	157 51 13	7.0	10.00	15.00	1.50	3,000	N	N	N	700	300
UG052C	57 0 56	157 52 10	5.0	5.00	10.00	2.00	1,500	N	N	N	300	>10,000
UG053C	57 0 49	157 54 18	5.0	3.00	10.00	>2.00	1,000	N	N	N	5,000	1,500
UG054C	57 0 38	157 59 26	3.0	5.00	10.00	>2.00	1,500	N	N	N	200	300
UG055C	57 1 27	157 58 43	5.0	10.00	10.00	>2.00	2,000	N	N	N	150	300
UG056C	57 2 57	157 59 47	7.0	15.00	15.00	.70	3,000	N	N	N	100	300
UG059C	57 2 46	157 21 59	50.0	.50	1.00	1.00	500	1.5	500	N	200	>10,000
UG060C	57 1 29	157 23 13	50.0	.20	.50	.30	150	5.0	<500	N	200	>10,000
UG061C	57 1 34	157 23 5	>50.0	.30	1.50	.70	300	3.0	1,000	N	70	>10,000
UG062C	57 1 20	157 22 12	5.0	2.00	10.00	>2.00	2,000	N	N	N	1,500	1,500
UG063C	57 1 16	157 21 42	20.0	3.00	7.00	1.50	700	N	N	N	3,000	>10,000
UG064C	57 1 55	157 21 28	10.0	15.00	15.00	2.00	2,000	N	N	N	300	>10,000
UG065C	57 2 53	157 19 21	15.0	10.00	15.00	2.00	1,500	30.0	N	N	700	>10,000
UG066C	57 2 14	157 17 9	50.0	2.00	5.00	.30	1,000	50.0	500	N	70	>10,000
UG067C	57 2 25	157 16 57	50.0	1.00	2.00	1.50	1,000	15.0	1,000	N	50	10,000
UG068C	57 2 47	157 17 39	20.0	.70	7.00	>2.00	5,000	5.0	1,500	N	300	7,000
UG069C	57 5 6	157 18 13	10.0	2.00	5.00	2.00	1,000	N	N	N	200	7,000
UG070C	57 6 0	157 16 21	>50.0	.70	3.00	.50	500	20.0	1,500	N	70	3,000
UG071C	57 6 43	157 14 44	50.0	2.00	7.00	2.00	1,500	N	N	N	500	>10,000
UG072C	57 6 53	157 14 55	10.0	1.00	10.00	>2.00	1,500	N	N	N	700	300
UG073C	57 8 6	157 18 25	10.0	.50	10.00	>2.00	1,500	N	N	N	500	1,500
UG074C	57 9 20	157 19 49	3.0	1.50	7.00	>2.00	1,000	N	N	N	300	500
UG075C	57 10 54	157 18 2	3.0	5.00	7.00	>2.00	1,500	N	N	N	1,000	300
UG076C	57 10 51	157 15 27	5.0	10.00	10.00	2.00	1,500	N	N	N	100	500
UG077C	57 10 8	157 14 18	7.0	5.00	10.00	2.00	1,000	N	N	N	200	>10,000
UG078C	57 8 51	157 12 8	7.0	.70	5.00	>2.00	1,000	N	N	N	150	1,500
UG079C	57 8 37	157 9 37	30.0	3.00	5.00	.70	1,000	N	N	N	500	>10,000
UG080C	57 7 38	157 9 28	3.0	1.00	10.00	>2.00	1,500	N	N	N	>5,000	500
UG081C	57 7 23	157 9 43	3.0	2.00	10.00	>2.00	1,500	N	N	N	>5,000	5,000

Table 1 - Concentrates--continued

Sample	S-BE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB
UG035C	<2	N	N	50	5,000	10	70	N	<50	150	<20
UG036C	<2	N	N	70	5,000	<10	200	N	<50	300	<20
UG037C	<2	N	N	100	7,000	15	50	N	N	300	<20
UG038C	<2	N	N	50	3,000	<10	150	N	<50	100	20
UG039C	<2	N	N	70	3,000	500	70	N	<50	100	20
UG040C	<2	N	N	100	7,000	10	50	N	N	150	<20
UG041C	<2	N	N	70	3,000	<10	200	N	50	100	<20
UG042C	<2	N	N	50	2,000	15	150	N	<50	100	<20
UG043C	<2	N	N	70	1,500	<10	200	N	50	50	20
UG044C	<2	N	N	20	1,000	<10	200	N	50	30	50
UG045C	<2	N	N	30	1,500	<10	300	N	<50	50	50
UG046C	<2	N	N	20	1,000	<10	200	N	70	10	50
UG047C	<2	N	N	50	1,000	15	150	N	<50	50	20
UG048C	<2	N	N	50	1,500	10	70	N	<50	100	<20
UG049C	<2	N	N	50	2,000	10	100	N	50	150	<20
UG050C	<2	N	N	50	1,500	<10	200	N	50	70	<20
UG051C	<2	N	N	70	1,000	20	70	N	<50	70	<20
UG052C	<2	N	N	30	1,500	<10	200	N	50	70	20
UG053C	<2	N	N	20	1,000	<10	150	N	70	30	20
UG054C	<2	N	N	30	1,500	<10	150	N	100	50	<20
UG055C	<2	N	N	50	2,000	<10	100	N	100	100	<20
UG056C	<2	N	N	70	1,500	10	70	N	N	100	<20
UG059C	<2	N	N	300	70	300	70	N	N	300	100
UG060C	<2	N	N	200	50	700	70	N	N	150	200
UG061C	<2	500	N	500	70	5,000	70	N	N	300	100
UG062C	<2	N	N	30	500	500	200	N	50	30	70
UG063C	<2	N	N	150	1,000	300	200	150	<50	300	200
UG064C	<2	N	N	100	2,000	50	100	N	50	150	30
UG065C	<2	N	150	100	3,000	150	1,000	N	<50	200	500
UG066C	<2	N	1,000	150	1,000	1,500	70	N	N	200	5,000
UG067C	<2	N	N	300	300	1,000	70	N	<50	100	700
UG068C	<2	N	N	70	200	1,000	150	N	50	100	1,500
UG069C	<2	N	N	70	200	200	100	N	50	100	100
UG070C	<2	50	N	500	300	2,000	70	N	<50	150	1,000
UG071C	<2	N	N	30	500	70	100	N	70	50	70
UG072C	<2	N	N	70	500	70	200	N	100	100	500
UG073C	<2	N	N	70	200	70	150	N	100	150	100
UG074C	<2	N	N	10	1,000	<10	200	N	<50	<10	30
UG075C	<2	N	N	20	1,500	<10	150	N	70	50	30
UG076C	<2	N	N	30	1,500	10	100	N	50	70	<20
UG077C	<2	N	N	50	1,500	100	100	N	<50	150	150
UG078C	<2	N	N	30	150	50	100	N	70	70	50
UG079C	<2	N	N	100	1,500	1,000	50	15	N	200	100
UG080C	<2	N	N	15	300	15	150	N	100	10	20
UG081C	<2	N	N	15	700	15	150	N	100	70	20

Table 1 - Concentrates--continued

Sample	S-SB	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	S-TH
UG035C	N	200	N	700	700	N	150	N	>2,000	N
UG036C	N	200	N	300	500	N	100	N	>2,000	N
UG037C	N	200	N	200	500	N	50	N	>2,000	N
UG038C	N	150	N	700	300	N	200	N	>2,000	N
UG039C	N	200	N	500	500	N	150	N	>2,000	N
UG040C	N	>200	N	200	700	N	70	N	>2,000	N
UG041C	N	>200	N	700	500	N	200	N	>2,000	N
UG042C	N	150	N	1,000	500	N	200	N	>2,000	N
UG043C	N	100	N	300	700	N	500	N	>2,000	N
UG044C	N	100	20	300	300	N	300	N	>2,000	N
UG045C	N	150	N	1,000	500	N	700	N	>2,000	N
UG046C	N	100	<20	700	300	N	200	N	>2,000	N
UG047C	N	70	N	700	500	N	100	N	>2,000	N
UG048C	N	150	N	700	300	N	100	N	>2,000	N
UG049C	N	100	N	500	300	N	150	N	>2,000	N
UG050C	N	150	N	500	500	N	200	N	>2,000	N
UG051C	N	150	N	300	500	N	150	N	>2,000	N
UG052C	N	70	N	700	500	N	200	N	>2,000	N
UG053C	N	50	30	500	500	N	300	N	>2,000	N
UG054C	N	70	30	300	500	N	500	N	>2,000	N
UG055C	N	100	50	500	500	N	200	N	>2,000	N
UG056C	N	200	N	300	500	N	100	N	>2,000	N
UG059C	N	20	N	700	100	N	70	700	>2,000	N
UG060C	N	10	N	3,000	100	N	20	5,000	2,000	N
UG061C	N	15	N	700	100	N	50	N	>2,000	N
UG062C	N	50	N	700	500	N	200	N	>2,000	N
UG063C	N	50	N	500	300	<100	100	N	>2,000	N
UG064C	N	150	N	300	700	N	100	N	>2,000	N
UG065C	N	100	N	1,000	300	N	150	10,000	>2,000	<200
UG066C	N	20	N	1,500	100	N	20	>20,000	2,000	N
UG067C	N	30	N	200	200	N	100	1,500	>2,000	N
UG068C	N	30	20	200	300	N	300	2,000	>2,000	N
UG069C	N	30	20	300	300	N	150	<500	>2,000	N
UG070C	N	20	N	<200	150	<100	100	1,000	>2,000	N
UG071C	N	50	N	1,000	500	N	200	N	>2,000	N
UG072C	N	50	50	300	500	N	700	700	>2,000	N
UG073C	N	50	30	200	500	N	500	N	>2,000	N
UG074C	N	70	30	200	500	N	500	N	>2,000	N
UG075C	N	70	20	300	500	N	200	N	>2,000	N
UG076C	N	70	N	300	500	N	150	N	>2,000	N
UG077C	N	70	N	200	500	N	300	N	>2,000	N
UG078C	N	30	N	300	500	N	200	N	>2,000	N
UG079C	N	50	N	300	150	N	100	500	>2,000	N
UG080C	N	30	20	500	500	N	500	N	>2,000	N
UG081C	N	50	20	500	500	<100	500	N	>2,000	N

Table 1 - Concentrates--continued

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA
UG082C	57 6 12	157 9 34	50.0	.10	.20	.30	200	20.0	3,000	N	70	>10,000
UG084C	57 6 38	157 10 23	10.0	2.00	7.00	1.00	3,000	N	N	N	>5,000	1,500
UG085C	57 7 54	157 11 25	7.0	1.00	3.00	1.50	700	N	N	N	>5,000	>10,000
UG086C	57 9 34	157 10 12	3.0	3.00	10.00	2.00	500	N	N	N	3,000	7,000
UG087C	57 9 35	157 7 14	10.0	7.00	10.00	.50	1,000	N	N	N	70	>10,000
UG088C	57 8 36	157 5 58	5.0	1.50	5.00	1.00	500	2.0	N	N	150	2,000
UG089C	57 6 41	157 5 41	50.0	.30	.50	1.00	100	<1.0	N	N	50	5,000
UG090C	57 6 0	157 6 25	30.0	.30	2.00	1.00	300	N	N	N	100	5,000
UG091C	57 6 2	157 6 6	50.0	.15	.30	.50	100	30.0	1,500	<20	50	>10,000
UG092C	57 6 12	157 5 51	30.0	.20	.70	.30	500	500.0	700	N	50	>10,000
UG093C	57 7 47	157 5 0	3.0	1.50	10.00	.70	300	5.0	N	N	30	2,000
UG094C	57 8 59	157 5 9	3.0	3.00	10.00	.30	700	N	N	N	20	1,500
UG095C	57 10 43	157 3 48	10.0	7.00	7.00	.70	300	N	N	N	20	500
UG096C	57 10 35	157 2 25	3.0	2.00	7.00	1.00	500	N	N	N	20	700
UG097C	57 10 46	157 0 43	3.0	2.00	10.00	>2.00	1,000	N	N	N	200	3,000
UG098C	57 15 36	157 14 3	5.0	15.00	10.00	.50	2,000	N	N	N	50	200
UG099C	57 16 21	157 14 57	7.0	15.00	10.00	1.00	1,500	N	N	N	30	500
UG100C	57 17 47	157 15 59	5.0	10.00	10.00	.70	1,000	N	N	N	50	200
UG101C	57 18 16	157 14 14	5.0	15.00	10.00	.50	1,500	N	N	N	30	100
UG102C	57 17 11	157 10 32	3.0	10.00	10.00	2.00	1,000	N	N	N	150	150
UG103C	57 16 47	157 9 16	5.0	10.00	15.00	.70	1,500	N	N	N	50	200
UG104C	57 15 11	157 9 22	3.0	10.00	10.00	.70	1,500	N	N	N	20	200
UG105C	57 14 29	157 11 18	3.0	10.00	10.00	1.00	1,500	N	N	N	70	150
UG106C	57 13 57	157 6 49	5.0	7.00	10.00	.70	2,000	1.5	N	N	20	300
UG107C	57 15 17	157 6 20	10.0	2.00	7.00	1.50	1,500	200.0	N	1,000	200	700
UG108C	57 15 48	157 6 2	5.0	7.00	10.00	1.50	1,000	150.0	N	1,000	500	200
UG109C	57 16 34	157 2 50	7.0	10.00	10.00	1.50	1,500	7.0	N	20	200	300
UG110C	57 14 46	157 0 39	3.0	5.00	7.00	1.00	700	3.0	N	N	50	700
UG111C	57 14 39	157 1 5	5.0	7.00	7.00	2.00	1,000	2.0	1,000	70	50	1,000
UG112C	57 14 46	156 57 41	5.0	10.00	10.00	1.00	2,000	N	N	N	50	150
UG113C	57 12 59	156 56 54	10.0	7.00	7.00	2.00	1,000	N	N	N	1,000	200
UG114C	57 12 53	156 56 39	3.0	2.00	10.00	>2.00	1,500	N	N	N	500	200
UG115C	57 11 25	156 57 23	5.0	7.00	10.00	2.00	1,500	N	N	N	5,000	150
UG116C	57 10 24	156 56 22	3.0	10.00	10.00	2.00	1,500	N	N	N	1,000	1,500
UG117C	57 10 16	156 56 3	10.0	7.00	5.00	1.00	3,000	N	N	N	150	1,500
UG118C	57 11 54	156 54 41	1.5	1.50	10.00	.70	700	N	N	N	>5,000	300
UG119C	57 14 13	156 55 40	3.0	7.00	7.00	>2.00	1,500	N	N	N	500	150
UG120C	57 24 46	156 55 26	1.0	.20	5.00	>2.00	1,000	N	N	N	300	150
UG121C	57 25 13	156 55 14	2.0	.50	7.00	>2.00	1,500	N	N	N	500	200
UG122C	57 25 35	156 59 11	3.0	1.00	10.00	>2.00	2,000	N	N	N	300	200
UG123C	57 25 47	156 59 34	3.0	5.00	10.00	>2.00	1,500	N	N	N	500	300
UG124C	57 27 24	156 55 16	3.0	2.00	7.00	>2.00	2,000	N	N	N	300	300
UG125C	57 27 4	156 53 45	5.0	1.50	10.00	>2.00	2,000	N	N	N	700	200
UG126C	57 26 52	156 50 19	3.0	2.00	10.00	>2.00	2,000	N	N	N	300	200
UG127C	57 25 26	156 50 52	2.0	1.00	10.00	>2.00	2,000	N	N	N	500	100

Table 1 - Concentrates--continued

Sample	S-BE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB
UG082C	<2	N	N	300	30	500	70	N	N	200	200
UG084C	<2	N	N	100	100	50	70	N	<50	150	70
UG085C	<2	N	N	30	500	30	700	N	<50	100	50
UG086C	<2	N	N	30	1,000	70	70	N	N	100	30
UG087C	<2	N	N	50	1,500	70	50	N	<50	200	50
UG083C	<2	N	N	15	300	70	70	N	N	15	20
UG089C	<2	N	N	150	30	100	70	N	N	30	30
UG090C	<2	N	N	300	100	100	100	N	N	150	50
UG091C	<2	20	N	200	20	500	150	N	N	100	100
UG092C	<2	N	N	50	20	200	1,500	N	<50	30	700
UG093C	<2	N	N	15	300	20	50	N	<50	10	20
UG094C	<2	N	N	20	700	15	50	N	N	10	<20
UG095C	<2	N	N	70	300	20	50	N	N	15	<20
UG096C	<2	N	N	15	500	15	50	N	N	<10	N
UG097C	<2	N	N	10	1,000	10	150	N	100	10	<20
UG098C	<2	N	N	70	3,000	10	50	N	N	200	<20
UG099C	<2	N	N	70	3,000	10	100	N	N	200	<20
UG100C	<2	N	N	50	3,000	<10	50	N	N	150	N
UG101C	<2	N	N	70	5,000	<10	50	N	N	150	N
UG102C	<2	N	N	50	2,000	10	70	N	50	150	N
UG103C	<2	N	N	70	3,000	10	<50	N	N	200	N
UG104C	<2	N	N	50	2,000	10	50	N	N	150	N
UG105C	<2	N	N	30	2,000	<10	50	N	<50	100	N
UG106C	<2	N	N	50	1,500	20	100	N	N	150	30
UG107C	<2	70	N	70	1,000	700	100	10	<50	100	500
UG108C	<2	N	N	50	2,000	700	70	N	<50	150	100
UG109C	<2	N	N	50	5,000	30	50	N	<50	150	70
UG110C	<2	N	N	30	2,000	20	70	N	<50	100	100
UG111C	<2	20	N	50	3,000	200	100	N	<50	100	300
UG112C	<2	N	N	70	5,000	15	50	N	<50	150	300
UG113C	<2	N	N	70	2,000	500	100	N	50	150	500
UG114C	<2	N	N	15	1,500	<10	300	N	70	70	20
UG115C	<2	N	N	30	2,000	10	150	N	100	150	<20
UG116C	<2	N	N	50	2,000	<10	70	N	50	200	N
UG117C	<2	N	N	70	700	30	50	N	<50	50	<20
UG118C	3	N	N	10	1,000	10	70	N	50	30	N
UG119C	<2	N	N	20	1,500	<10	200	N	100	50	300
UG120C	<2	N	N	<10	50	<10	300	N	100	<10	N
UG121C	<2	N	N	10	100	<10	500	N	70	<10	<20
UG122C	<2	N	N	10	200	<10	500	N	70	10	<20
UG123C	<2	N	N	30	1,500	<10	200	N	100	70	<20
UG124C	<2	N	N	15	1,000	10	500	N	100	50	<20
UG125C	<2	N	N	20	300	<10	300	N	70	15	<20
UG126C	<2	N	N	<10	200	<10	300	N	200	<10	20
UG127C	<2	N	N	<10	100	N	500	N	200	N	<20

Table 1 - Concentrates--continued

Sample	S-SB	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	S-TH
UG082C	N	<10	<20	1,000	70	N	20	700	1,000	N
UG084C	N	30	N	200	150	N	70	N	>2,000	N
UG085C	N	30	N	500	150	N	200	N	>2,000	N
UG086C	N	70	N	300	200	N	200	N	>2,000	N
UG087C	N	70	N	700	200	N	70	N	>2,000	N
UG088C	N	20	N	500	200	N	30	N	>2,000	N
UG089C	N	20	N	<200	300	N	20	500	500	N
UG090C	N	20	N	200	150	N	70	<500	>2,000	N
UG091C	N	<10	N	500	100	N	30	5,000	>2,000	N
UG092C	N	10	N	2,000	50	N	100	3,000	500	N
UG093C	N	20	N	1,000	100	N	50	N	>2,000	N
UG094C	N	50	N	1,000	200	N	70	N	>2,000	N
UG095C	N	70	N	500	300	N	70	N	1,000	N
UG096C	N	50	N	1,000	200	N	100	N	>2,000	N
UG097C	N	70	20	700	300	N	500	N	>2,000	N
UG098C	N	100	N	<200	300	N	30	N	700	N
UG099C	N	100	N	300	500	N	100	N	>2,000	N
UG100C	N	70	N	300	300	N	70	N	>2,000	N
UG101C	N	70	N	200	500	N	50	N	>2,000	N
UG102C	N	70	N	200	300	N	200	N	>2,000	N
UG103C	N	100	70	<200	500	N	100	N	>2,000	N
UG104C	N	70	N	200	300	N	100	N	>2,000	N
UG105C	N	70	N	200	300	N	100	N	>2,000	N
UG106C	N	100	N	200	300	N	50	N	1,000	N
UG107C	N	50	N	300	500	150	100	N	2,000	N
UG108C	N	70	N	200	300	<100	100	N	2,000	N
UG109C	N	100	N	200	500	100	70	N	>2,000	N
UG110C	N	50	N	300	300	N	70	N	2,000	N
UG111C	N	70	N	300	500	N	150	N	>2,000	N
UG112C	N	100	N	200	500	N	50	N	2,000	N
UG113C	N	70	N	200	300	N	200	N	>2,000	N
UG114C	N	70	50	300	500	N	700	N	>2,000	N
UG115C	N	100	N	200	300	N	300	N	>2,000	N
UG116C	N	70	N	300	300	N	200	N	>2,000	N
UG117C	N	70	N	500	500	N	150	N	>2,000	N
UG118C	N	20	N	200	150	N	100	N	>2,000	N
UG119C	N	70	N	<200	500	N	500	N	>2,000	N
UG120C	N	20	50	200	200	N	700	N	>2,000	N
UG121C	N	20	70	<200	500	N	700	N	>2,000	N
UG122C	N	30	70	200	500	N	1,000	N	>2,000	N
UG123C	N	50	50	200	500	N	500	N	>2,000	N
UG124C	N	30	50	300	500	N	700	N	>2,000	N
UG125C	N	50	70	200	700	N	1,000	N	>2,000	N
UG126C	N	30	50	200	700	N	700	N	>2,000	N
UG127C	N	20	70	<200	500	N	1,000	N	>2,000	N

Table 1 - Concentrates--continued

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA
UG127C	57 24 41	156 51 18	2.0	.50	10.00	>2.00	2,000	N	N	N	500	200
UG129C	57 23 43	156 53 0	1.5	.50	10.00	>2.00	1,500	N	N	N	500	200
UG130C	57 22 35	156 54 53	2.0	1.00	10.00	>2.00	2,000	N	N	N	500	200
UG131C	57 21 23	156 57 36	2.0	1.00	10.00	>2.00	2,000	N	N	N	700	200
UG132C	57 21 1	156 59 3	2.0	1.50	10.00	>2.00	2,000	N	N	N	500	150
UG133C	57 20 56	157 0 34	2.0	.70	10.00	>2.00	1,500	N	N	N	200	150
UG134C	57 21 6	157 2 5	7.0	2.00	10.00	>2.00	2,000	N	N	N	700	200
UG135C	57 21 20	157 4 56	3.0	1.00	10.00	>2.00	2,000	N	N	N	500	150
UG136C	57 22 54	157 5 17	1.5	.50	10.00	>2.00	1,500	N	N	N	300	200
UG137C	57 23 57	157 7 42	5.0	5.00	10.00	>2.00	2,000	N	N	N	500	300
UG138C	57 24 34	157 8 9	3.0	3.00	10.00	>2.00	2,000	N	N	N	500	200
UG139C	57 25 50	157 9 15	2.0	2.00	10.00	>2.00	1,500	N	N	N	500	300
UG140C	57 26 42	157 11 37	3.0	5.00	10.00	>2.00	2,000	N	N	N	300	300
UG141C	57 28 23	157 11 39	7.0	7.00	10.00	>2.00	2,000	N	N	N	500	300
UG142C	57 29 31	157 9 5	5.0	7.00	10.00	>2.00	2,000	N	N	N	500	300
UG143C	57 27 31	157 6 15	5.0	7.00	10.00	>2.00	2,000	N	N	N	500	300
UG144C	57 27 59	157 7 24	5.0	5.00	10.00	>2.00	2,000	N	N	N	500	300
UG145C	57 25 6	157 3 25	3.0	2.00	10.00	>2.00	1,500	N	N	N	500	300
UG146C	57 25 22	157 3 6	7.0	10.00	10.00	>2.00	5,000	N	N	N	200	300
UG147C	57 27 48	157 2 3	5.0	7.00	10.00	>2.00	2,000	N	N	N	500	300
UG148C	57 28 2	157 3 58	7.0	7.00	10.00	>2.00	1,500	N	N	N	700	300
UG149C	57 29 52	156 42 59	2.0	1.00	20.00	>2.00	2,000	N	N	N	500	100
UG150C	57 28 53	156 43 44	3.0	1.00	10.00	>2.00	2,000	N	N	N	300	150
UG151C	57 26 54	156 38 54	5.0	2.00	10.00	>2.00	2,000	N	N	N	500	300
UG152C	57 26 19	156 37 30	3.0	.30	7.00	>2.00	2,000	N	N	N	300	200
UG153C	57 24 24	156 31 17	7.0	2.00	10.00	1.50	2,000	N	N	N	70	700
UG154C	57 24 34	156 31 29	3.0	1.00	7.00	>2.00	1,500	N	N	N	100	500
UG155C	57 25 38	156 37 26	5.0	1.50	10.00	2.00	2,000	N	N	N	300	500
UG156C	57 24 23	156 40 56	3.0	.70	15.00	>2.00	2,000	N	N	N	500	300
UG157C	57 24 14	156 36 25	3.0	1.00	10.00	>2.00	2,000	N	N	N	500	300
UG158C	57 23 2	156 34 46	2.0	.50	10.00	>2.00	1,500	N	N	N	500	300
UG159C	57 25 12	156 42 19	3.0	1.00	10.00	>2.00	3,000	N	N	N	150	300
UG160C	57 23 13	156 34 38	3.0	1.50	7.00	2.00	1,500	N	N	N	150	700
UG161C	57 22 34	156 39 50	5.0	15.00	10.00	2.00	2,000	N	N	N	200	200
UG162C	57 21 6	156 37 6	5.0	2.00	10.00	>2.00	2,000	N	N	N	300	3,000
UG163C	57 20 51	156 37 21	5.0	3.00	10.00	>2.00	2,000	N	N	N	700	1,500
UG164C	57 21 24	156 38 10	2.0	1.00	10.00	>2.00	2,000	N	N	N	500	1,000
UG165C	57 22 9	156 42 29	2.0	1.00	15.00	>2.00	2,000	N	N	N	200	300
UG166C	57 3 19	157 13 9	50.0	.50	2.00	1.50	1,000	10.0	N	N	1,500	>10,000
UG167C	57 3 9	157 13 13	50.0	.20	.30	.70	100	3.0	N	N	20	3,000
UG168C	57 2 54	157 12 27	30.0	1.00	5.00	.50	700	30.0	1,500	N	50	>10,000
UG169C	57 3 7	157 11 27	>50.0	.30	1.00	.30	1,000	15.0	700	N	20	>10,000
UG170C	57 2 40	157 11 19	10.0	.50	7.00	1.00	300	N	N	N	30	5,000
UG171C	57 3 20	157 8 39	30.0	.15	1.00	1.50	200	N	N	N	50	>10,000
UG172C	57 3 23	157 9 4	20.0	.50	1.50	.70	700	7.0	500	N	50	>10,000

Table 1 - Concentrates--continued

Sample	S-BE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB
UG123C	N	N	N	<10	70	N	300	N	100	N	<20
UG129C	N	N	N	<10	70	N	200	N	150	N	<20
UG130C	<2	N	N	<10	100	N	500	N	200	N	20
UG131C	<2	N	N	<10	150	N	200	N	100	<10	<20
UG132C	<2	N	N	<10	200	N	300	N	200	N	<20
UG133C	<2	N	N	<10	200	N	300	N	150	<10	<20
UG134C	<2	N	N	10	300	<10	300	N	150	10	20
UG135C	<2	N	N	<10	300	N	500	N	150	N	<20
UG136C	<2	N	N	<10	150	N	500	N	70	N	<20
UG137C	<2	N	N	20	500	N	200	N	100	<10	<20
UG138C	<2	N	N	15	700	N	200	N	150	<10	<20
UG139C	<2	N	N	<10	500	N	300	N	70	<10	<20
UG140C	<2	N	N	10	1,000	N	150	N	150	10	<20
UG141C	<2	N	N	20	1,500	<10	200	N	70	50	<20
UG142C	<2	N	N	20	1,500	N	200	N	100	30	<20
UG143C	<2	N	N	30	1,500	<10	150	N	50	50	<20
UG144C	<2	N	N	20	1,000	<10	200	N	150	50	20
UG145C	<2	N	N	10	500	<10	200	N	200	30	70
UG146C	<2	N	N	50	1,500	<10	200	N	150	100	<20
UG147C	<2	N	N	30	1,500	<10	100	N	150	70	<20
UG148C	<2	N	N	50	1,500	<10	150	N	150	100	<20
UG149C	<2	N	N	<10	500	<10	700	N	150	<10	<20
UG150C	<2	N	N	<10	300	<10	300	N	150	10	20
UG151C	<2	N	N	10	700	10	200	N	150	30	20
UG152C	<2	N	N	15	100	10	300	N	70	<10	<20
UG153C	<2	N	N	20	500	20	70	N	50	100	20
UG154C	N	N	N	10	200	70	200	N	70	<10	20
UG155C	<2	N	N	20	500	30	150	N	100	50	30
UG156C	N	N	N	<10	300	<10	500	N	150	N	20
UG157C	N	N	N	<10	150	<10	200	N	70	N	20
UG158C	N	N	N	<10	150	<10	150	N	70	N	<20
UG159C	N	N	N	10	300	<10	300	N	100	<10	20
UG160C	<2	N	N	15	300	50	100	N	50	30	<20
UG161C	N	N	N	50	2,000	20	100	N	50	100	<20
UG162C	<2	N	N	15	500	10	200	N	70	30	20
UG163C	<2	N	N	15	1,000	15	200	N	<50	70	20
UG164C	<2	N	N	<10	200	<10	300	N	50	N	20
UG165C	N	N	N	<10	200	<10	500	N	150	<10	<20
UG166C	<2	N	500	200	200	2,000	300	1,500	50	100	1,000
UG167C	<2	N	N	500	70	500	200	150	<50	300	70
UG168C	<2	N	N	150	300	150	50	N	N	200	3,000
UG169C	<2	N	150	300	50	1,500	70	20	N	500	500
UG170C	<2	N	N	30	50	70	50	N	N	N	50
UG171C	<2	N	N	150	100	200	500	N	<50	300	200
UG172C	<2	N	100	70	100	150	100	10	N	150	300

Table 1 - Concentrates--continued

Sample	S-SB	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	S-TH
UG128C	N	20	70	<200	700	N	700	N	>2,000	N
UG129C	N	30	70	<200	500	N	700	N	>2,000	N
UG130C	N	20	100	<200	500	N	1,000	N	>2,000	N
UG131C	N	30	70	<200	700	N	1,000	N	>2,000	N
UG132C	N	30	70	<200	500	N	1,000	N	>2,000	N
UG133C	N	20	50	<200	500	N	700	N	>2,000	N
UG134C	N	30	70	<200	700	N	700	N	>2,000	N
UG135C	N	30	70	<200	500	N	1,000	N	>2,000	N
UG136C	N	20	100	<200	300	N	700	N	>2,000	N
UG137C	N	50	30	300	500	N	500	N	>2,000	N
UG138C	N	30	50	200	500	N	500	N	>2,000	N
UG139C	N	50	50	200	500	N	700	N	>2,000	N
UG140C	N	50	30	300	500	N	500	N	>2,000	N
UG141C	N	70	30	500	500	N	500	N	>2,000	N
UG142C	N	70	50	300	500	N	700	N	>2,000	N
UG143C	N	70	100	300	500	N	500	N	>2,000	N
UG144C	N	50	50	300	700	N	700	N	>2,000	N
UG145C	N	30	50	200	700	N	700	N	>2,000	N
UG146C	N	70	30	300	500	N	500	N	>2,000	N
UG147C	N	70	300	300	500	N	500	N	>2,000	N
UG148C	N	70	30	500	500	N	300	N	>2,000	N
UG149C	N	30	100	<200	500	N	1,000	N	>2,000	N
UG150C	N	20	70	<200	500	N	700	N	>2,000	N
UG151C	N	30	50	500	500	N	500	N	>2,000	N
UG152C	N	30	50	200	300	N	700	N	>2,000	N
UG153C	N	30	N	500	500	N	150	N	>2,000	N
UG154C	N	30	30	500	300	N	500	N	>2,000	N
UG155C	N	30	20	500	500	N	500	N	>2,000	N
UG156C	N	30	70	300	700	N	1,000	N	>2,000	N
UG157C	N	30	50	200	500	N	700	N	>2,000	N
UG158C	N	50	30	200	500	N	700	N	>2,000	N
UG159C	N	30	70	200	700	N	1,000	N	>2,000	N
UG160C	N	30	N	500	300	N	200	N	>2,000	N
UG161C	N	100	30	300	500	N	500	N	>2,000	N
UG162C	N	50	30	300	500	N	700	N	>2,000	N
UG163C	N	70	30	300	500	N	700	N	>2,000	N
UG164C	N	70	50	200	500	N	1,000	N	>2,000	N
UG165C	N	30	70	200	700	N	1,000	N	>2,000	N
UG166C	N	20	50	1,000	200	<100	150	20,000	2,000	N
UG167C	N	<10	<20	<200	100	100	50	2,000	2,000	N
UG168C	N	20	N	700	100	N	50	1,500	>2,000	N
UG169C	N	10	N	500	100	N	30	15,000	1,000	N
UG170C	N	30	N	700	200	N	200	N	>2,000	N
UG171C	N	20	N	3,000	150	N	150	N	>2,000	N
UG172C	N	15	N	3,000	200	N	70	5,000	>2,000	N

Table 1 - Concentrates--continued

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA
UG173C	57 1 52	157 7 58	>50.0	.10	.30	.30	500	50.0	1,500	N	<20	3,000
UG174C	57 1 58	157 8 21	>50.0	.15	2.00	1.00	300	3.0	N	N	20	>10,000
UG175C	57 1 40	157 4 39	50.0	.15	1.00	.70	100	3.0	N	N	20	>10,000
UG176C	57 1 59	157 4 35	>50.0	.15	.70	.70	150	3.0	N	N	20	>10,000
UG177C	57 1 20	157 5 20	30.0	.07	.15	.70	150	15.0	N	N	50	>10,000
UG178C	57 0 14	157 3 3	30.0	.30	2.00	1.00	200	20.0	1,000	N	70	>10,000
UG179C	57 2 36	157 20 25	7.0	1.50	2.00	.50	500	2.0	N	N	50	700
UG180C	57 3 30	156 57 1	20.0	.50	1.00	1.00	300	N	N	N	200	>10,000
UG181C	57 3 16	156 56 23	10.0	1.00	2.00	>2.00	500	N	N	N	700	10,000
UG182C	57 2 4	156 56 11	1.0	.30	30.00	.15	700	N	N	N	300	300
UG183C	57 1 53	156 58 30	5.0	1.00	2.00	>2.00	500	N	N	N	200	>10,000
UG184C	57 1 35	156 59 19	10.0	.30	3.00	2.00	300	2.0	N	N	700	>10,000
UG185C	57 2 44	157 0 24	20.0	2.00	5.00	1.50	1,000	N	N	N	100	7,000
UG186C	57 3 1	157 1 13	10.0	.50	.50	>2.00	300	N	N	N	70	>10,000
UG187C	57 3 27	157 1 25	7.0	.50	2.00	.70	300	N	N	N	70	>10,000
UG189C	57 1 55	156 59 30	10.0	1.00	3.00	1.00	500	N	N	N	70	>10,000
UG190C	57 0 36	156 58 40	10.0	1.00	15.00	1.00	1,000	N	N	N	500	>10,000
UG191C	57 0 15	157 0 37	30.0	.30	1.00	1.50	300	N	N	N	200	>10,000
UG192C	57 3 47	157 13 28	10.0	.50	.50	2.00	200	N	N	N	700	5,000
UG193C	57 3 52	157 13 13	20.0	.50	.70	1.00	300	10.0	N	N	50	>10,000
UG194C	57 0 20	157 7 45	15.0	1.50	5.00	.70	500	7.0	1,500	N	50	7,000
UG196C	57 11 27	157 0 13	7.0	10.00	10.00	.70	2,000	N	N	N	20	200
UG197C	57 11 43	157 0 2	5.0	10.00	15.00	2.00	1,000	N	N	N	200	150
UG198C	57 11 41	157 2 33	5.0	10.00	10.00	2.00	1,000	3.0	N	N	200	500
UG199C	57 12 5	157 4 50	3.0	7.00	10.00	>2.00	1,500	3.0	N	50	70	700
UG200C	57 12 33	157 6 6	3.0	10.00	10.00	1.50	1,500	N	N	N	100	300
UG201C	57 14 1	156 53 50	3.0	3.00	15.00	>2.00	2,000	N	N	N	500	500
UG202C	57 11 54	156 51 47	1.5	1.00	7.00	>2.00	1,000	N	N	N	300	500
UG203C	57 9 13	156 51 49	2.0	.30	3.00	2.00	1,000	N	N	N	500	150
UG204C	57 9 43	156 51 31	2.0	.30	3.00	1.50	700	N	N	N	1,000	100
UG205C	57 9 45	156 51 57	3.0	.50	3.00	2.00	700	N	N	N	700	500
UG206C	57 10 16	156 51 8	2.0	.50	5.00	2.00	1,000	N	N	N	500	100
UG207C	57 9 17	156 47 40	10.0	.50	5.00	.70	2,000	N	N	N	1,000	500
UG208C	57 9 26	156 47 6	30.0	.30	.70	.70	500	<1.0	N	N	500	7,000
UG209C	57 10 24	156 48 33	30.0	1.00	1.50	.50	700	<1.0	N	N	3,000	1,500
UG210C	57 10 49	156 49 4	20.0	.30	.30	.70	150	<1.0	N	N	150	3,000
UG211C	57 11 18	156 49 31	20.0	.20	2.00	1.00	300	N	N	N	200	5,000
UG212C	57 12 42	156 50 17	7.0	5.00	5.00	1.00	3,000	N	N	N	200	200
UG213C	57 14 36	156 50 22	20.0	.20	.50	.70	500	N	N	N	1,000	3,000
UG214C	57 13 57	156 52 11	2.0	1.00	.30	2.00	700	N	N	N	200	200
UG215C	57 15 58	156 51 39	10.0	7.00	10.00	.70	1,000	1.0	N	N	2,000	200
UG216C	57 17 26	156 52 33	10.0	5.00	7.00	1.50	1,000	N	N	N	200	700
UG217C	57 17 31	156 49 1	5.0	10.00	10.00	.50	1,000	N	N	N	300	300
UG218C	57 16 54	156 47 48	3.0	5.00	5.00	2.00	1,500	N	N	N	1,000	70
UG219C	57 17 6	156 46 21	5.0	1.50	5.00	1.00	2,000	N	N	N	300	300

Table 1 - Concentrates--continued

Sample	S-BE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB
UG173C	<2	N	200	500	30	10,000	70	N	N	500	1,500
UG174C	<2	N	N	200	50	700	70	N	N	150	500
UG175C	<2	N	N	500	50	1,500	100	N	N	500	150
UG176C	<2	N	N	500	50	2,000	70	N	N	500	150
UG177C	<2	N	300	100	70	5,000	70	N	N	100	100
UG178C	<2	N	N	300	100	2,000	200	N	<50	700	1,000
UG179C	N	N	N	50	300	200	1,500	N	N	150	150
UG180C	<2	N	100	100	150	200	100	N	N	100	200
UG181C	<2	N	N	100	300	500	200	N	70	70	300
UG182C	N	N	N	10	20	20	2,000	N	N	<10	<20
UG183C	<2	N	N	50	500	15	150	N	70	30	70
UG184C	<2	N	N	100	70	50	500	N	<50	100	300
UG185C	<2	N	N	150	1,000	30	200	N	<50	150	100
UG186C	<2	N	N	100	150	70	150	N	50	150	150
UG188C	<2	N	N	70	200	50	300	N	N	100	100
UG189C	<2	N	N	150	300	100	200	N	<50	150	150
UG190C	<2	N	N	70	300	50	700	N	N	100	50
UG191C	<2	N	N	200	70	200	100	N	<50	150	150
UG192C	2	N	N	150	300	2,000	150	150	50	70	20
UG193C	2	N	500	150	300	3,000	500	100	<50	70	70
UG194C	<2	N	N	150	300	200	100	N	N	200	500
UG196C	<2	N	N	50	3,000	30	50	N	<50	200	50
UG197C	<2	N	N	30	2,000	20	100	N	70	150	20
UG198C	<2	N	N	30	2,000	10	100	N	50	100	300
UG199C	<2	N	N	30	1,500	30	100	N	50	70	20
UG200C	<2	N	N	30	1,500	10	50	N	<50	100	<20
UG201C	<2	N	N	10	700	<10	300	N	150	<10	<20
UG202C	<2	N	N	10	300	<10	150	N	100	<10	<20
UG203C	<2	N	N	10	70	<10	150	N	150	<10	500
UG204C	<2	N	N	<10	50	<10	200	N	100	<10	20
UG205C	<2	N	N	10	100	10	150	N	100	<10	200
UG206C	<2	N	N	<10	150	<10	200	N	150	<10	20
UG207C	<2	N	N	100	100	70	100	N	<50	100	150
UG208C	<2	N	N	150	70	100	70	N	<50	150	100
UG209C	<2	N	N	100	100	50	50	N	<50	200	100
UG210C	<2	N	N	70	<20	200	50	N	N	50	100
UG211C	<2	N	N	100	20	100	100	N	<50	100	70
UG212C	<2	N	N	50	300	30	200	N	<50	70	<20
UG213C	<2	N	N	70	50	100	70	N	<50	50	50
UG214C	<2	N	N	10	500	<10	200	N	100	20	<20
UG215C	<2	N	N	50	2,000	70	70	N	<50	200	50
UG216C	<2	N	N	30	700	50	150	N	70	70	50
UG217C	<2	N	N	50	3,000	10	70	N	<50	150	N
UG218C	<2	N	N	30	1,500	<10	200	N	150	70	<20
UG219C	<2	N	N	20	200	15	100	N	50	70	20

Table 1 - Concentrates--continued

Sample	S-SB	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	S-TH
UG173C	N	N	N	<200	50	N	N	>20,000	300	N
UG174C	N	20	N	700	200	N	100	1,000	>2,000	N
UG175C	N	10	N	1,000	70	<100	30	1,000	>2,000	N
UG176C	N	10	N	1,500	70	N	20	2,000	2,000	N
UG177C	N	10	N	7,000	70	N	30	15,000	2,000	N
UG178C	N	20	N	1,500	100	N	100	1,500	>2,000	N
UG179C	N	20	N	300	70	N	150	N	>2,000	N
UG180C	N	20	N	700	100	N	70	3,000	>2,000	N
UG181C	N	70	N	300	300	N	150	700	>2,000	N
UG182C	N	10	N	200	50	N	1,000	N	>2,000	N
UG183C	N	50	N	500	200	N	100	N	>2,000	N
UG184C	N	30	N	1,500	100	N	100	1,500	>2,000	N
UG185C	N	30	N	300	200	N	100	N	>2,000	N
UG186C	N	50	N	1,000	150	N	100	1,000	>2,000	N
UG188C	N	15	N	3,000	70	N	100	1,000	>2,000	N
UG189C	N	30	N	1,000	100	N	70	1,000	>2,000	N
UG190C	N	20	N	700	150	N	150	N	>2,000	N
UG191C	N	30	N	500	100	N	70	2,000	>2,000	N
UG192C	N	20	50	200	200	N	70	N	>2,000	N
UG193C	N	15	20	700	300	N	100	10,000	1,500	N
UG194C	N	50	N	500	150	N	70	5,000	>2,000	N
UG196C	N	70	N	200	200	N	150	N	>2,000	N
UG197C	N	70	N	200	300	N	500	N	>2,000	N
UG198C	N	70	N	200	300	N	150	N	>2,000	N
UG199C	N	70	N	200	300	N	150	N	>2,000	N
UG200C	N	70	N	200	200	N	70	N	>2,000	N
UG201C	N	50	50	300	300	N	700	N	>2,000	N
UG202C	N	30	20	300	200	N	500	N	>2,000	N
UG203C	N	30	50	200	300	N	500	500	>2,000	N
UG204C	N	20	30	200	300	N	300	N	>2,000	N
UG205C	N	30	30	200	300	N	500	N	>2,000	N
UG206C	N	50	50	200	300	N	700	N	>2,000	N
UG207C	N	20	N	300	200	N	70	500	>2,000	N
UG208C	N	20	N	500	150	N	70	<500	>2,000	N
UG209C	N	20	N	500	200	N	70	1,500	>2,000	N
UG210C	N	15	N	300	150	N	50	500	1,000	N
UG211C	N	15	<20	300	150	N	200	N	>2,000	N
UG212C	N	70	<20	300	500	N	100	N	1,500	N
UG213C	N	15	N	300	150	N	70	N	>2,000	N
UG214C	N	50	50	200	300	N	500	N	>2,000	N
UG215C	N	70	50	500	300	N	150	N	2,000	N
UG216C	N	30	30	300	200	N	500	500	>2,000	N
UG217C	N	70	70	200	300	N	100	N	2,000	N
UG218C	N	50	70	<200	500	N	500	N	>2,000	N
UG219C	N	30	N	300	500	N	150	N	2,000	N

Table 1 - Concentrates--continued

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA
UG220C	57 16 42	156 44 31	7.0	3.00	5.00	.70	2,000	N	N	N	700	700
UG221C	57 16 52	156 43 31	2.0	.50	3.00	2.00	1,500	N	N	N	200	200
UG222C	57 15 26	156 41 14	3.0	1.50	7.00	1.50	1,500	N	N	N	2,000	300
UG223C	57 14 4	156 40 1	15.0	.20	.30	.20	300	1.0	N	N	700	5,000
UG224C	57 13 52	156 39 27	30.0	.10	.10	.15	150	<1.0	N	N	200	2,000
UG225C	57 15 32	156 39 51	3.0	1.00	3.00	1.50	1,000	N	N	N	>5,000	300
UG226C	57 15 48	156 40 59	10.0	2.00	5.00	>2.00	2,000	N	N	N	5,000	700
UG227C	57 17 16	156 38 35	5.0	1.50	10.00	2.00	2,000	N	N	N	>5,000	300
UG228C	57 16 44	156 41 33	7.0	3.00	10.00	2.00	2,000	N	N	N	700	300
UG230C	57 18 8	156 44 32	1.5	.50	7.00	>2.00	1,500	N	N	N	300	200
UG231C	57 19 1	156 45 56	7.0	2.00	10.00	2.00	2,000	N	N	N	1,000	200
UG232C	57 21 2	156 46 24	5.0	1.50	10.00	2.00	2,000	N	N	N	>5,000	700
UG233C	57 20 51	156 46 35	2.0	.70	10.00	>2.00	1,500	N	N	N	700	200
UG234C	57 19 21	156 43 13	3.0	1.00	15.00	>2.00	3,000	N	N	N	1,000	500
UG235C	57 19 13	156 43 24	7.0	2.00	7.00	2.00	2,000	N	N	N	300	500
UG236C	57 21 24	156 44 7	3.0	1.00	10.00	>2.00	1,500	N	N	N	300	700
UG237C	57 20 37	156 41 54	3.0	1.00	10.00	>2.00	2,000	N	N	<20	500	200
UG238C	57 19 44	156 39 3	3.0	.70	15.00	>2.00	3,000	N	N	N	500	700
UG239C	57 19 40	156 39 22	7.0	5.00	10.00	1.00	3,000	N	N	N	3,000	300
UG240C	57 57 43	156 7 2	7.0	7.00	10.00	.70	2,000	N	N	N	200	200
UG241C	57 56 14	156 5 39	5.0	3.00	10.00	1.50	2,000	5.0	N	N	100	500
UG242C	57 56 14	156 5 39	1.5	.70	15.00	2.00	1,500	3.0	N	N	1,000	300
UG244C	57 28 38	156 2 32	3.0	.50	10.00	>2.00	2,000	N	N	N	700	700
UG245C	57 29 57	156 2 38	10.0	.70	5.00	>2.00	2,000	3.0	N	N	5,000	700
UG246C	57 31 1	156 3 46	5.0	.30	15.00	1.00	1,500	2.0	N	N	150	>10,000
UG247C	57 31 13	156 4 58	10.0	.15	3.00	>2.00	300	5.0	N	N	1,500	1,000
UG248C	57 31 35	156 6 40	15.0	.50	1.50	>2.00	300	N	N	N	>5,000	700
UG249C	57 31 38	156 5 58	3.0	1.00	10.00	>2.00	700	N	N	N	3,000	500
UG250C	57 31 42	156 4 12	7.0	1.50	5.00	>2.00	1,500	3.0	5,000	N	>5,000	500
UG251C	57 33 30	156 2 33	5.0	.70	5.00	>2.00	2,000	N	1,000	N	2,000	700
UG253C	57 33 37	156 5 18	3.0	.70	2.00	>2.00	500	N	N	N	>5,000	200
UG254C	57 34 3	156 3 19	7.0	.50	2.00	>2.00	1,000	N	N	N	500	1,500
UG255C	57 35 49	156 5 31	2.0	.50	7.00	>2.00	1,000	N	N	N	300	500
UG256C	57 37 10	156 3 31	1.5	.30	7.00	>2.00	1,000	N	N	N	200	300
UG257C	57 38 54	156 2 58	1.5	.30	7.00	>2.00	1,000	N	N	N	70	700
UG258C	57 40 16	156 0 47	1.5	.50	10.00	>2.00	1,000	N	N	N	150	500
UG259C	57 41 46	156 0 18	1.0	.30	15.00	>2.00	1,500	2.0	N	N	300	500
UG260C	57 37 56	156 0 38	1.5	.50	10.00	>2.00	1,500	2.0	N	N	200	500
UG261C	57 47 56	156 30 19	10.0	7.00	10.00	>2.00	2,000	3.0	N	N	200	300
UG263C	57 46 31	156 18 18	10.0	5.00	10.00	1.50	2,000	1.5	N	N	20	200
UG264C	57 46 14	156 17 32	1.0	.50	15.00	>2.00	1,500	N	N	N	100	150
UG265C	57 43 32	156 17 11	1.5	.50	7.00	>2.00	1,500	N	N	N	300	300
UG266C	57 43 32	156 15 13	1.5	.70	15.00	>2.00	2,000	N	N	N	200	500
UG267C	57 42 56	156 12 5	1.0	.20	10.00	2.00	1,500	N	N	N	50	300
UG268C	57 42 38	156 7 41	3.0	2.00	10.00	2.00	2,000	5.0	N	N	150	500

Table 1 - Concentrates--continued

Sample	S-BE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB
UG220C	<2	20	N	30	300	50	200	N	<50	50	20
UG221C	<2	N	N	<10	100	<10	200	N	100	<10	20
UG222C	<2	N	N	20	300	10	200	N	70	10	20
UG223C	<2	N	N	100	<20	100	50	N	N	70	70
UG224C	<2	N	N	150	20	70	50	N	N	100	70
UG225C	<2	N	N	10	200	10	50	N	50	<10	30
UG226C	<2	N	N	50	500	70	200	N	70	30	50
UG227C	<2	N	N	15	300	15	300	N	50	30	30
UG229C	<2	N	N	20	700	10	150	N	70	50	20
UG230C	<2	N	N	<10	100	N	300	N	100	10	<20
UG231C	<2	N	N	50	200	70	200	N	150	50	20
UG232C	<2	N	N	20	300	10	300	N	150	30	20
UG233C	<2	N	N	<10	70	<10	200	N	200	20	<20
UG234C	<2	N	N	10	300	<10	500	N	200	10	50
UG235C	<2	N	N	50	300	50	300	N	70	100	50
UG236C	<2	N	N	<10	70	10	200	N	150	20	<20
UG237C	<2	N	N	10	200	<10	200	N	70	20	<20
UG238C	<2	N	N	15	200	20	500	N	70	10	70
UG239C	<2	N	N	50	500	30	700	N	<50	150	<20
UG240C	<2	N	N	50	1,000	20	150	N	N	150	<20
UG241C	<2	N	N	30	700	50	100	N	70	70	200
UG242C	N	N	N	30	70	10	500	N	N	20	N
UG244C	N	N	N	15	100	20	100	N	100	20	20
UG245C	N	N	N	50	150	30	100	N	70	30	700
UG246C	<2	N	N	30	30	150	700	N	<50	15	1,500
UG247C	N	N	70	300	150	200	150	N	70	50	500
UG248C	N	N	N	200	50	70	70	N	<50	50	50
UG249C	N	N	N	50	70	20	100	N	<50	20	50
UG250C	<2	N	N	200	150	200	150	N	<50	100	300
UG251C	<2	N	N	30	100	20	50	N	70	30	50
UG253C	N	N	N	50	300	<10	70	N	100	20	<20
UG254C	<2	N	N	30	70	100	70	N	50	30	20
UG255C	N	N	N	10	50	10	300	N	70	20	N
UG256C	N	N	N	<10	100	<10	200	N	150	20	N
UG257C	N	N	N	<10	30	<10	150	N	<50	20	N
UG258C	N	N	N	10	70	20	200	N	50	20	N
UG259C	N	N	N	10	100	N	150	N	100	30	N
UG260C	N	N	N	15	70	<10	150	N	70	20	N
UG261C	<2	N	N	70	700	200	100	N	70	150	N
UG263C	<2	N	N	30	300	10	70	N	50	50	20
UG264C	N	N	N	<10	200	<10	300	N	70	20	N
UG265C	N	N	N	<10	200	<10	200	N	150	30	N
UG266C	N	N	N	<10	150	<10	300	N	150	30	N
UG267C	N	N	N	<10	70	<10	300	N	50	20	N
UG268C	N	N	N	30	200	15	300	N	100	50	20

Table 1 - Concentrates--continued

Sample	S-Sb	S-Sc	S-Sn	S-Sr	S-V	S-W	S-Y	S-Zn	S-Zr	S-Th
UG220C	N	70	N	300	500	N	150	N	>2,000	N
UG221C	N	15	30	500	300	N	500	N	>2,000	N
UG222C	N	30	20	300	300	N	500	N	>2,000	N
UG223C	N	10	N	200	50	N	20	1,500	700	N
UG224C	N	<10	N	<200	50	N	20	N	>2,000	N
UG225C	N	30	30	500	500	N	150	N	>2,000	N
UG226C	N	70	50	500	700	N	200	N	>2,000	N
UG228C	N	50	30	300	300	N	700	N	>2,000	N
UG229C	N	70	20	500	500	N	300	N	>2,000	N
UG230C	N	30	50	200	300	N	100	N	>2,000	N
UG231C	N	50	20	300	500	N	500	N	>2,000	N
UG232C	N	30	30	500	500	N	700	N	>2,000	N
UG233C	N	20	50	200	500	N	1,000	N	>2,000	N
UG234C	N	50	70	500	700	N	1,500	N	>2,000	N
UG235C	N	50	20	500	500	N	500	N	>2,000	N
UG236C	N	30	50	300	300	N	700	N	>2,000	N
UG237C	N	50	30	300	300	N	1,000	N	>2,000	N
UG238C	N	70	70	500	700	N	1,500	N	>2,000	N
UG239C	N	50	N	300	300	N	150	N	>2,000	N
UG240C	N	150	N	200	500	N	150	N	2,000	N
UG241C	N	100	N	500	300	N	300	N	>2,000	N
UG242C	N	70	N	300	150	N	700	N	>2,000	N
UG244C	N	100	30	500	700	N	300	N	>2,000	N
UG245C	N	70	20	500	500	N	200	N	>2,000	N
UG246C	N	15	N	1,500	100	<100	700	500	>2,000	N
UG247C	N	50	50	<200	200	150	700	3,000	>2,000	N
UG248C	N	70	20	<200	300	N	500	N	>2,000	N
UG249C	N	70	20	200	500	N	700	N	>2,000	N
UG250C	N	50	N	300	200	700	150	500	>2,000	N
UG251C	N	70	20	300	500	N	200	N	>2,000	N
UG253C	N	100	50	200	700	<100	300	N	>2,000	N
UG254C	N	100	N	300	500	N	200	N	>2,000	N
UG255C	N	70	<20	500	150	N	700	N	>2,000	N
UG256C	N	50	30	300	150	N	700	N	>2,000	N
UG257C	N	70	N	500	100	N	500	N	>2,000	N
UG258C	N	70	20	300	150	N	700	N	>2,000	N
UG259C	N	70	<20	500	100	N	700	N	>2,000	N
UG260C	N	30	N	700	150	N	500	N	>2,000	N
UG261C	N	70	<20	300	200	N	300	N	>2,000	N
UG263C	N	70	N	500	150	N	200	N	>2,000	N
UG264C	N	50	20	500	100	N	500	N	>2,000	N
UG265C	N	50	50	300	200	N	700	N	>2,000	N
UG266C	N	30	50	700	200	N	500	N	>2,000	N
UG267C	N	70	20	700	150	N	700	N	>2,000	N
UG268C	N	50	30	700	200	N	500	N	>2,000	N

Table 1 - Concentrates--continued

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA
UG2[illegible]C	57 41 4	156 10 12	.7	.20	10.00	>2.00	1,500	N	N	N	200	300
UG27[illegible]C	57 40 11	156 11 10	1.5	.50	10.00	>2.00	2,000	N	N	N	70	200
UG271C	57 38 44	156 13 14	3.0	.70	10.00	2.00	1,500	3.0	N	N	100	5,000
UG272C	57 38 42	156 13 3	2.0	.70	15.00	>2.00	2,000	2.0	N	N	150	500
UG273C	57 38 16	156 9 18	10.0	1.00	5.00	.70	1,500	7.0	N	N	200	>10,000
UG274C	57 22 51	156 26 57	15.0	.30	5.00	1.00	1,000	N	N	N	500	700
UG275C	57 25 9	156 26 48	3.0	.50	7.00	>2.00	1,000	N	N	N	700	500
UG276C	57 24 36	156 25 40	7.0	.70	7.00	.70	1,000	5.0	N	N	>5,000	>10,000
UG277C	57 24 37	156 23 46	10.0	.20	7.00	1.00	1,500	10.0	N	N	3,000	>10,000
UG278C	57 25 13	156 20 36	10.0	.50	3.00	.50	1,000	2.0	N	N	2,000	>10,000
UG279C	57 26 55	156 24 26	7.0	1.00	7.00	2.00	1,500	N	N	N	500	3,000
UG280C	57 26 32	156 24 8	5.0	1.50	10.00	2.00	1,500	7.0	N	N	1,000	2,000
UG281C	57 26 36	156 21 58	7.0	1.00	7.00	2.00	1,500	N	N	N	300	1,500
UG282C	57 28 22	156 21 8	10.0	1.50	7.00	2.00	2,000	N	N	N	500	700
UG283C	57 27 14	156 18 36	1.5	.50	7.00	.50	1,500	N	N	N	100	5,000
UG284C	57 26 46	156 14 45	5.0	1.00	7.00	2.00	1,500	N	N	N	3,000	10,000
UG285C	57 27 53	156 14 25	7.0	1.00	7.00	1.00	1,500	N	N	N	700	1,500
UG286C	57 33 51	156 8 2	5.0	1.00	3.00	>2.00	1,500	3.0	500	N	5,000	700
UG287C	57 34 56	156 8 8	10.0	.50	10.00	2.00	1,000	N	N	N	200	>10,000
UG288C	57 35 53	156 7 14	3.0	1.00	10.00	>2.00	1,500	5.0	N	N	500	300
UG289C	57 32 3	156 37 21	5.0	1.50	15.00	>2.00	2,000	N	N	N	300	200
UG290C	57 32 5	156 33 44	3.0	1.00	10.00	>2.00	1,500	N	N	N	150	200
UG291C	57 33 0	156 33 55	2.0	.50	10.00	>2.00	1,500	N	N	N	200	200
UG292C	57 34 5	156 32 50	2.0	.70	10.00	>2.00	1,500	N	N	N	150	200
UG293C	57 36 0	156 31 37	2.0	.70	15.00	>2.00	1,500	N	N	N	200	200
UG294C	57 37 19	156 37 12	3.0	3.00	15.00	>2.00	2,000	N	N	N	150	500
UG295C	57 36 37	156 23 4	1.5	.70	15.00	>2.00	1,500	N	N	N	150	300
UG296C	57 37 57	156 23 34	2.0	.70	15.00	>2.00	2,000	N	N	N	150	200
UG297C	57 40 33	156 22 20	7.0	.70	10.00	>2.00	2,000	N	N	N	200	300
UG298C	57 42 19	156 16 49	1.0	.30	7.00	>2.00	1,000	N	N	N	70	200
UG300C	57 40 20	156 18 27	1.0	.30	10.00	>2.00	1,000	N	N	N	30	200
UG301C	57 39 41	156 19 1	1.5	.50	10.00	>2.00	1,500	N	N	N	150	500
UG302C	57 37 58	156 17 0	1.0	.30	7.00	>2.00	1,000	N	N	N	200	200
UG303C	57 34 37	156 12 28	2.0	.50	15.00	>2.00	1,500	N	N	N	300	300
UG304C	57 35 4	156 12 24	7.0	.20	10.00	2.00	1,000	N	N	N	200	200
UG305C	57 35 54	156 13 55	3.0	.70	10.00	2.00	1,500	N	N	N	200	2,000
UG306C	57 35 43	156 13 59	2.0	.30	10.00	1.50	1,500	N	N	N	150	500
UG307C	57 34 10	156 17 57	1.5	.30	10.00	>2.00	1,500	N	N	N	100	200
UG308C	57 33 52	156 18 1	2.0	.70	7.00	>2.00	1,500	N	N	N	300	300
UG309C	57 34 52	156 19 5	1.0	.20	15.00	>2.00	2,000	N	N	N	50	200
UG310C	57 34 54	156 20 48	1.0	.30	10.00	>2.00	1,500	N	N	N	70	700
UG311C	57 35 23	156 20 32	1.5	.50	10.00	>2.00	1,500	N	N	N	20	300
UG312C	57 33 55	156 22 16	2.0	1.00	15.00	>2.00	1,500	N	N	N	200	300
UG313C	57 34 14	156 23 59	2.0	1.00	10.00	>2.00	1,500	N	N	N	200	500
UG314C	57 33 33	156 26 6	1.5	.50	7.00	>2.00	1,000	N	N	N	300	200

Table 1 - Concentrates--continued

Sample	S-BE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB
UG269C	N	N	N	N	70	<10	200	N	70	15	N
UG270C	N	N	N	30	100	10	200	N	70	30	N
UG271C	<2	N	N	15	70	20	200	N	100	50	100
UG272C	N	N	N	10	150	<10	300	N	150	30	<20
UG273C	<2	N	N	20	100	300	70	N	50	100	100
UG274C	<2	N	N	30	50	200	100	N	50	300	100
UG275C	N	N	N	20	50	70	150	N	100	50	<20
UG276C	<2	N	N	15	100	100	100	N	<50	100	70
UG277C	<2	N	N	70	70	50	100	N	<50	70	30
UG278C	<2	N	N	20	20	150	70	N	N	150	50
UG279C	<2	N	N	50	100	100	150	N	150	100	30
UG280C	<2	N	N	20	100	50	150	N	70	50	<20
UG281C	N	N	N	30	100	200	100	N	100	70	20
UG282C	<2	N	N	30	300	100	100	N	50	100	100
UG283C	N	N	N	10	20	10	100	N	N	20	N
UG284C	N	N	N	20	200	50	100	N	50	50	<20
UG285C	<2	N	N	30	300	100	70	N	<50	100	50
UG287C	<2	N	N	150	300	70	100	N	100	50	150
UG288C	<2	N	N	50	50	150	150	N	<50	100	70
UG289C	<2	N	N	15	100	<10	300	N	150	30	20
UG290C	N	N	N	20	300	10	200	N	100	100	<20
UG291C	<2	N	N	20	200	10	150	N	100	70	N
UG292C	N	N	N	10	150	<10	300	N	200	30	N
UG293C	N	N	N	15	200	<10	200	N	100	50	N
UG294C	N	N	N	10	300	N	500	N	200	30	N
UG295C	<2	N	N	20	700	<10	500	N	150	70	<20
UG296C	N	N	N	10	700	<10	500	N	150	50	N
UG297C	N	N	N	10	500	10	700	N	150	50	<20
UG298C	N	N	N	20	150	200	200	N	70	70	20
UG299C	N	N	N	15	70	<10	150	N	50	20	N
UG300C	N	N	N	50	50	50	200	N	100	20	N
UG301C	N	N	N	30	100	50	500	N	70	20	N
UG302C	N	N	N	10	100	<10	300	N	100	30	N
UG303C	<2	N	N	10	100	50	300	N	70	20	20
UG304C	<2	N	N	30	50	7	200	N	50	100	20
UG305C	N	N	N	10	100	1,000	200	N	70	30	<20
UG306C	N	N	N	15	50	70	150	N	50	20	<20
UG307C	N	N	N	15	70	100	500	N	200	30	N
UG308C	N	N	N	15	200	30	200	N	150	30	N
UG309C	<2	N	N	<10	70	200	500	N	150	15	N
UG310C	N	N	N	<10	70	<10	300	N	200	15	N
UG311C	N	N	N	15	100	<10	500	N	150	20	N
UG312C	N	N	N	20	200	70	300	N	150	50	N
UG313C	<2	N	N	15	200	15	200	N	150	50	<20
UG314C	N	N	N	10	70	<10	150	N	100	20	N

Table 1 - Concentrates--continued

Sample	S-SB	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	S-TH
UG269C	N	50	30	500	150	N	500	N	>2,000	N
UG270C	N	50	20	500	150	N	700	N	>2,000	N
UG271C	N	30	50	500	150	N	500	N	>2,000	N
UG272C	N	30	50	500	200	N	700	N	>2,000	N
UG273C	N	30	N	500	100	N	200	N	>2,000	N
UG274C	N	20	N	200	100	N	200	N	>2,000	N
UG275C	N	50	20	200	150	N	700	N	>2,000	N
UG276C	N	30	N	500	100	N	200	N	>2,000	N
UG277C	N	50	N	1,000	100	N	300	N	>2,000	N
UG278C	N	20	N	5,000	50	N	70	N	>2,000	N
UG279C	N	30	20	300	150	N	500	N	>2,000	N
UG280C	N	50	N	500	200	N	300	N	>2,000	N
UG281C	N	50	N	500	150	N	500	N	>2,000	N
UG282C	N	50	N	300	200	N	200	N	>2,000	N
UG283C	N	70	N	700	70	N	300	N	>2,000	N
UG284C	N	70	N	500	150	N	300	N	>2,000	N
UG285C	N	70	N	500	200	N	200	N	>2,000	N
UG287C	N	70	30	300	700	<100	200	N	>2,000	N
UG288C	N	20	N	700	150	N	200	N	>2,000	N
UG289C	N	30	20	500	300	N	500	N	>2,000	N
UG290C	N	70	30	500	200	N	700	N	>2,000	N
UG291C	N	70	N	300	150	N	500	N	>2,000	N
UG292C	N	30	30	500	200	N	700	N	>2,000	N
UG293C	N	70	50	300	200	N	700	N	>2,000	N
UG294C	N	50	70	200	200	N	700	N	>2,000	N
UG295C	N	70	50	300	300	N	500	N	2,000	N
UG296C	N	30	50	300	200	N	700	N	>2,000	N
UG297C	N	50	70	300	200	N	700	N	>2,000	N
UG298C	N	70	20	500	200	N	700	N	>2,000	N
UG299C	N	70	N	300	100	N	500	N	>2,000	N
UG300C	N	50	30	300	150	N	700	N	>2,000	N
UG301C	N	70	20	500	100	N	500	N	>2,000	N
UG302C	N	100	20	500	150	N	700	N	>2,000	N
UG303C	N	30	50	700	150	N	500	N	>2,000	N
UG304C	N	30	N	300	100	N	300	N	>2,000	N
UG305C	N	50	<20	500	150	N	700	N	>2,000	N
UG306C	N	20	N	700	100	N	300	N	>2,000	N
UG307C	N	30	70	300	200	N	700	N	>2,000	N
UG308C	N	30	20	300	150	N	500	N	>2,000	N
UG309C	N	15	70	500	150	N	700	N	>2,000	N
UG310C	N	20	70	300	200	N	700	N	>2,000	N
UG311C	N	30	50	200	200	N	700	N	>2,000	N
UG312C	N	50	70	300	300	N	700	N	>2,000	N
UG313C	N	30	50	500	300	N	500	N	>2,000	N
UG314C	N	50	20	300	150	N	700	N	>2,000	N

Table 1 - Concentrates--continued

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA
UG315C	57 33 11	156 27 14	2.0	.70	10.00	>2.00	1,500	N	N	N	200	300
UG316C	57 41 30	156 48 33	3.0	3.00	10.00	2.00	1,000	N	N	N	150	500
UG317C	57 43 56	156 49 50	3.0	5.00	15.00	>2.00	1,500	N	N	N	300	300
UG318C	57 41 53	156 51 52	3.0	1.50	10.00	>2.00	1,000	N	N	N	150	300
UG319C	57 41 32	156 50 47	5.0	7.00	10.00	2.00	1,500	N	N	N	150	300
UG320C	57 34 56	156 42 37	2.0	1.50	15.00	>2.00	1,500	N	N	N	300	200
UG321C	57 34 7	156 45 10	1.5	.50	10.00	>2.00	1,000	N	N	N	200	200
UG322C	57 33 26	156 45 52	2.0	1.00	10.00	>2.00	1,500	N	N	N	200	300
UG323C	57 32 43	156 46 15	3.0	1.50	15.00	>2.00	1,500	2.0	N	N	200	500
UG324C	57 31 51	156 42 26	1.5	.50	15.00	>2.00	1,500	N	<500	N	200	500
UG325C	57 32 43	156 42 30	1.5	.50	15.00	>2.00	1,500	N	N	N	150	150
UG326C	57 31 17	156 30 26	5.0	1.00	10.00	>2.00	1,500	N	N	N	100	700
UG327C	57 30 31	156 29 29	1.5	.20	10.00	>2.00	1,000	N	N	N	100	300
UG328C	57 28 45	156 29 41	1.5	.30	7.00	>2.00	1,500	N	N	N	150	500
UG329C	57 28 51	156 29 30	5.0	.30	10.00	>2.00	1,000	15.0	N	50	200	500
UG330C	57 29 59	156 33 37	2.0	.70	10.00	>2.00	1,500	N	N	N	150	300
UG331C	57 29 12	156 34 12	1.0	.20	10.00	>2.00	1,000	N	N	N	150	300
UG332C	57 27 3	156 34 20	2.0	.70	10.00	>2.00	1,500	N	N	N	150	200
UG333C	57 27 40	156 35 43	2.0	.30	10.00	>2.00	1,500	N	N	N	70	1,000
UG334C	57 28 38	156 36 6	1.5	.30	10.00	>2.00	1,500	N	N	N	500	500
UG335C	57 29 23	156 36 51	2.0	.70	10.00	>2.00	1,500	N	N	N	200	300
UG336C	57 29 40	156 38 19	3.0	1.00	15.00	>2.00	1,500	N	N	N	200	500
UG337C	57 35 24	156 0 49	3.0	1.00	15.00	2.00	1,500	N	N	N	200	700
UG338C	57 35 16	156 1 8	3.0	.50	7.00	>2.00	1,000	N	N	N	200	500
UG339C	57 34 59	156 0 38	2.0	.70	7.00	.70	1,000	7.0	N	N	100	2,000
UG340C	57 26 21	156 3 32	10.0	.70	10.00	1.00	1,000	15.0	N	N	200	300
UG341C	57 27 10	156 5 48	3.0	.50	10.00	>2.00	1,500	5.0	N	N	200	500
UG342C	57 28 44	156 5 35	20.0	.15	2.00	2.00	300	2.0	2,000	N	150	500
UG343C	57 29 37	156 5 34	7.0	1.00	3.00	>2.00	700	N	1,000	N	>5,000	200
UG344C	57 29 31	156 5 49	7.0	1.00	7.00	>2.00	1,500	N	10,000	N	>5,000	500
UG345C	57 28 38	156 7 44	15.0	1.50	5.00	1.50	1,500	N	N	N	300	700
UG346C	57 29 8	156 10 24	5.0	.70	7.00	>2.00	2,000	N	N	N	300	300
UG347C	57 29 23	156 12 29	7.0	.70	10.00	2.00	1,500	N	N	N	1,000	2,000
UG348C	57 30 55	156 15 19	10.0	3.00	10.00	>2.00	2,000	N	N	N	150	1,000
UG349C	57 31 3	156 15 27	7.0	2.00	10.00	1.00	2,000	N	N	N	200	500
UG350C	57 31 9	156 16 31	7.0	3.00	10.00	2.00	2,000	N	N	N	100	500
UG351C	57 30 6	156 16 36	7.0	2.00	10.00	.70	2,000	N	N	N	150	300
UG352C	57 28 29	156 21 30	7.0	2.00	10.00	2.00	2,000	N	N	N	200	200
UG353C	57 25 56	156 19 23	5.0	2.00	7.00	1.50	2,000	N	N	N	150	500
UG354C	57 26 2	156 19 11	3.0	1.00	10.00	>2.00	1,500	N	N	N	200	3,000
UG355C	57 22 36	156 24 56	7.0	1.00	10.00	2.00	1,500	N	N	N	100	>10,000
UG356C	57 21 38	156 30 7	5.0	1.50	7.00	2.00	1,500	N	N	N	200	5,000
UG357C	57 21 20	156 30 11	7.0	5.00	10.00	.20	1,000	N	N	N	150	>10,000
UG358C	57 21 32	156 28 40	10.0	.50	3.00	.30	700	2.0	N	N	200	>10,000
UG359C	57 20 2	156 30 53	10.0	5.00	10.00	.20	1,000	<1.0	N	N	100	>10,000

Table 1 - Concentrates--continued

Sample	S-BE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB
UG315C	N	N	N	10	100	<10	200	N	100	30	N
UG316C	<2	N	N	15	300	<10	200	N	50	30	N
UG317C	N	N	N	20	700	<10	150	N	100	100	N
UG318C	<2	N	N	15	500	<10	150	N	70	50	N
UG319C	<2	N	N	30	1,000	<10	100	N	70	100	N
UG320C	N	N	N	15	300	<10	300	N	200	70	<20
UG321C	N	N	N	10	100	<10	300	N	150	20	<20
UG322C	N	N	N	10	200	<10	200	N	150	50	N
UG323C	<2	N	N	15	300	20	200	N	100	70	<20
UG324C	N	N	N	10	150	<10	700	N	200	20	N
UG325C	N	N	N	<10	50	N	500	N	200	10	N
UG326C	<2	N	N	20	200	30	150	N	150	100	50
UG327C	N	N	N	<10	70	N	300	N	100	20	N
UG328C	N	N	N	10	50	<10	150	N	100	20	N
UG329C	N	N	N	30	50	30	200	N	70	100	20
UG330C	N	N	N	10	70	<10	200	N	100	30	N
UG331C	N	N	N	10	30	N	200	N	50	15	N
UG332C	N	N	N	30	100	15	300	N	150	70	N
UG333C	N	N	N	50	70	70	300	N	200	30	70
UG334C	N	N	N	<10	70	15	300	N	200	20	30
UG335C	N	N	N	10	200	10	300	N	100	50	<20
UG336C	N	N	N	10	300	15	500	N	200	70	20
UG337C	N	N	N	10	200	10	150	N	50	50	N
UG338C	N	N	N	10	100	20	150	N	100	50	20
UG339C	N	N	N	10	100	15	70	N	50	50	N
UG340C	N	N	N	300	70	150	100	N	N	100	20
UG341C	N	N	N	20	70	500	100	N	100	20	30
UG342C	N	<20	N	500	30	1,500	70	N	50	100	50
UG343C	N	N	N	200	150	300	200	N	100	70	70
UG344C	<2	N	N	200	100	200	150	N	70	100	30
UG345C	<2	N	N	30	100	100	50	N	<50	150	50
UG346C	<2	N	N	20	100	20	100	N	70	50	20
UG347C	<2	N	N	30	100	100	150	N	50	70	<20
UG348C	<2	N	N	70	200	70	100	N	<50	100	30
UG349C	<2	N	N	30	300	20	70	N	<50	100	<20
UG350C	N	N	N	50	300	70	150	N	70	150	<20
UG351C	<2	N	N	30	500	100	50	N	N	100	<20
UG352C	N	N	N	50	300	30	200	N	70	150	20
UG353C	N	N	N	30	200	15	150	N	50	100	<20
UG354C	N	N	N	20	200	150	150	N	70	70	<20
UG355C	N	N	N	20	100	100	100	N	70	150	20
UG356C	<2	N	N	30	300	100	150	N	70	100	30
UG357C	<2	N	N	30	1,500	50	50	N	N	200	20
UG358C	<2	N	N	20	100	100	70	N	N	150	100
UG359C	<2	N	N	30	1,000	70	50	N	N	200	30

Table 1 - Concentrates--continued

Sample	S-SB	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	S-TH
UG315C	N	50	30	500	150	N	500	N	>2,000	N
UG316C	N	70	<20	500	150	N	300	N	>2,000	N
UG317C	N	70	20	500	200	N	200	N	>2,000	N
UG318C	N	30	20	700	150	N	150	N	>2,000	N
UG319C	N	70	N	500	200	N	150	N	>2,000	N
UG320C	N	20	70	200	300	N	700	N	>2,000	N
UG321C	N	20	50	200	200	N	500	N	>2,000	N
UG322C	N	30	30	300	200	N	700	N	>2,000	N
UG323C	N	30	50	500	200	N	500	N	>2,000	N
UG324C	N	20	70	200	300	N	500	N	>2,000	N
UG325C	N	30	70	200	200	N	700	N	>2,000	N
UG326C	N	30	20	500	150	N	500	N	>2,000	N
UG327C	N	50	30	300	150	N	700	N	>2,000	N
UG328C	N	50	<20	300	150	N	500	N	>2,000	N
UG329C	N	70	<20	300	150	N	700	N	>2,000	N
UG330C	N	50	20	500	150	N	700	N	>2,000	N
UG331C	N	70	30	200	100	N	700	N	>2,000	N
UG332C	N	50	30	300	200	N	500	N	>2,000	N
UG333C	N	50	70	200	300	N	700	N	>2,000	N
UG334C	N	20	50	200	200	N	500	N	>2,000	N
UG335C	N	50	50	200	200	N	700	N	>2,000	N
UG336C	N	30	70	200	300	N	700	N	>2,000	N
UG337C	N	70	N	700	150	N	300	N	>2,000	N
UG338C	N	50	N	300	150	N	500	N	>2,000	N
UG339C	N	50	N	500	100	N	150	N	>2,000	N
UG340C	N	20	N	500	150	500	300	N	>2,000	2,000
UG341C	N	70	30	500	500	N	200	N	>2,000	N
UG342C	N	20	70	<200	100	200	200	N	>2,000	N
UG343C	N	100	100	200	700	1,500	500	N	>2,000	N
UG344C	N	100	N	300	500	500	200	N	>2,000	N
UG345C	N	50	N	300	200	<100	100	N	2,000	N
UG346C	N	70	N	300	500	N	200	N	>2,000	N
UG347C	N	70	N	500	200	N	300	N	>2,000	N
UG348C	N	100	N	300	300	N	100	N	>2,000	N
UG349C	N	70	N	200	300	N	150	N	>2,000	N
UG350C	N	50	N	500	300	N	200	N	>2,000	N
UG351C	N	70	N	300	300	N	100	N	>2,000	N
UG352C	N	70	N	300	200	N	300	N	>2,000	N
UG353C	N	70	N	300	150	N	300	N	>2,000	N
UG354C	N	50	N	300	150	N	500	N	>2,000	N
UG355C	N	30	N	1,000	150	N	300	N	>2,000	N
UG356C	N	50	50	500	300	N	300	N	>2,000	N
UG357C	N	100	N	500	150	N	50	N	>2,000	N
UG358C	N	20	N	1,500	100	N	70	N	>2,000	N
UG359C	N	70	N	1,000	150	N	30	N	1,000	N

Table 1 - Concentrates--continued

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA
UG360C	57 19 3	156 53 10	15.0	.50	3.00	.50	700	1.5	N	N	200	>10,000
UG361C	57 18 42	156 33 48	10.0	.70	5.00	1.00	1,000	1.0	N	N	200	>10,000
UG362C	57 17 41	156 36 35	7.0	.70	7.00	.70	700	15.0	N	N	3,000	1,000
UG363C	57 14 21	156 39 19	15.0	.50	7.00	.50	1,000	1.0	1,500	N	1,000	2,000
UG364C	57 14 57	156 37 14	20.0	.20	1.50	.20	300	2.0	2,000	N	200	3,000
UG365C	57 17 6	156 32 37	3.0	1.00	10.00	>2.00	1,000	N	N	N	2,000	500
UG366C	57 17 7	156 30 51	10.0	2.00	10.00	2.00	5,000	<1.0	N	N	5,000	500
UG367C	57 17 11	156 29 46	5.0	1.00	5.00	>2.00	1,500	N	N	N	700	2,000
UG368C	57 17 46	156 27 15	15.0	.50	7.00	.70	700	N	N	N	>5,000	>10,000
UG369C	57 17 36	156 22 31	7.0	1.00	7.00	1.50	1,000	N	N	N	>5,000	3,000
UG370C	57 17 14	156 22 35	3.0	.70	10.00	>2.00	1,500	N	N	N	2,000	700
UG371C	57 16 22	156 20 19	2.0	.30	10.00	>2.00	1,000	7.0	N	N	700	500
UG372C	57 15 25	156 22 28	10.0	.50	7.00	>2.00	1,000	N	N	N	500	1,500
UG373C	57 14 53	156 25 49	7.0	1.50	10.00	>2.00	1,500	N	N	N	2,000	500
UG374C	57 13 37	156 26 24	5.0	1.00	10.00	1.00	2,000	N	1,000	N	5,000	500
UG375C	57 13 29	156 26 12	3.0	1.50	10.00	>2.00	1,500	N	N	N	3,000	500
UG377C	57 11 56	156 22 42	5.0	.70	7.00	1.00	1,500	15.0	N	N	300	3,000
UG378C	57 10 25	156 20 11	10.0	2.00	7.00	>2.00	2,000	7.0	N	N	200	500
UG379C	57 10 43	156 23 24	15.0	1.00	5.00	.70	700	2.0	1,500	N	>5,000	500
UG380C	57 10 44	156 22 8	15.0	.70	7.00	2.00	1,000	10.0	N	N	500	700
UG381C	57 9 48	156 21 16	10.0	2.00	7.00	1.00	1,500	<.1	N	N	>5,000	1,000
UG382C	57 8 47	156 22 13	3.0	.50	2.00	>2.00	700	10.0	N	N	500	500
UG385C	57 1 18	156 34 12	5.0	.70	7.00	2.00	1,500	15.0	N	N	500	500
UG386C	57 2 47	156 36 50	15.0	1.00	7.00	1.50	1,000	1.0	N	N	5,000	500
UG387C	57 4 58	156 37 57	5.0	.70	5.00	>2.00	700	N	N	N	150	700
UG388C	57 5 23	156 37 57	15.0	.70	5.00	2.00	1,500	N	N	N	500	2,000
UG389C	57 6 55	156 37 38	30.0	.20	2.00	1.00	500	3.0	1,500	N	50	>10,000
UG390C	57 7 30	156 39 54	3.0	.15	1.50	1.00	300	N	N	N	100	>10,000
UG391C	57 7 20	156 39 54	10.0	.50	2.00	1.00	500	N	N	N	300	>10,000
UG392C	57 8 32	156 37 45	20.0	.30	3.00	.20	300	5.0	3,000	N	500	>10,000
UG393C	57 8 34	156 37 23	20.0	1.00	3.00	.50	700	2.0	700	N	30	>10,000
UG394C	57 3 56	156 36 30	30.0	.15	.50	.20	100	7.0	2,000	N	200	3,000
UG395C	57 7 44	156 36 15	15.0	.70	7.00	.30	1,000	3.0	1,500	N	150	10,000
UG396C	57 7 11	156 35 45	15.0	.50	3.00	2.00	700	N	N	N	5,000	2,000
UG397C	57 5 51	156 35 38	5.0	1.00	7.00	>2.00	1,000	N	N	N	>5,000	500
UG398C	57 0 10	156 50 7	7.0	1.00	7.00	>2.00	1,000	<.1	N	N	500	1,500
UG399C	57 0 37	156 46 3	10.0	5.00	10.00	1.50	1,000	10.0	N	N	150	>10,000
UG400C	57 1 16	156 47 0	5.0	5.00	10.00	1.50	1,000	10.0	N	N	100	1,000
UG401C	57 2 1	156 46 41	3.0	5.00	10.00	1.50	1,500	N	N	N	70	700
UG402C	57 3 42	156 50 34	15.0	.10	.50	.50	150	5.0	500	N	50	>10,000
UG403C	57 4 51	156 53 47	20.0	.70	1.50	>2.00	500	2.0	<500	N	100	>10,000
UG404C	57 4 43	156 53 39	20.0	.20	.50	>2.00	200	2.0	700	N	150	>10,000
UG405C	57 6 9	156 51 31	15.0	.50	3.00	1.00	1,000	N	500	N	2,000	>10,000
UG406C	57 6 5	156 51 54	15.0	.70	2.00	1.00	1,000	7.0	N	N	150	>10,000
UG407C	57 5 36	156 52 9	15.0	.30	.70	2.00	700	N	N	N	200	>10,000

Table 1 - Concentrates--continued

Sample	S-BE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB
UG360C	<2	N	N	30	150	100	70	N	<50	200	100
UG361C	<2	N	N	30	100	70	50	N	<50	100	30
UG362C	<2	N	N	20	70	70	70	N	N	70	50
UG363C	<2	N	N	150	70	70	70	N	N	100	100
UG364C	<2	20	N	200	70	1,000	200	N	N	300	200
UG365C	<2	N	N	20	300	20	100	N	50	30	30
UG366C	2	N	N	50	100	500	300	N	N	50	200
UG367C	<2	N	N	20	500	50	100	N	50	50	30
UG368C	2	N	N	50	100	100	100	N	<50	150	50
UG369C	<2	N	N	30	200	30	100	N	50	70	30
UG370C	N	N	N	10	100	20	300	N	100	30	50
UG371C	N	N	N	<10	70	<10	300	N	50	20	20
UG372C	<2	N	N	50	100	30	200	N	200	70	100
UG373C	<2	N	N	30	200	30	200	N	150	50	30
UG374C	2	N	N	50	70	1,500	150	N	50	50	150
UG375C	<2	N	N	30	70	500	200	N	<50	30	20
UG377C	<2	N	N	20	100	100	100	N	50	30	70
UG378C	<2	N	N	30	300	30	50	N	<50	70	50
UG379C	2	N	N	150	150	3,000	300	N	N	200	100
UG380C	<2	N	N	100	70	300	100	N	<50	70	50
UG381C	<2	N	N	30	500	700	500	N	N	100	100
UG382C	<2	N	N	15	150	15	70	N	70	30	150
UG385C	<2	N	N	30	100	50	100	N	N	50	20
UG386C	<2	N	N	200	100	700	100	50	N	100	200
UG387C	<2	N	N	30	70	1,000	150	N	50	30	70
UG383C	<2	N	N	150	50	100	70	N	<50	70	30
UG389C	<2	N	N	200	50	2,000	100	N	<50	200	150
UG390C	N	N	N	50	50	30	70	10	N	50	N
UG391C	N	N	N	70	150	500	100	N	<50	150	70
UG392C	<2	50	N	150	70	700	70	N	N	150	2,000
UG393C	<2	<20	N	200	150	1,500	200	50	N	200	150
UG394C	<2	N	N	300	20	150	70	N	N	150	200
UG395C	<2	N	N	70	150	200	50	N	N	100	150
UG396C	<2	N	N	200	70	70	100	N	<50	100	30
UG397C	N	N	N	30	100	1,500	150	N	70	30	30
UG398C	2	N	N	20	300	1,500	100	200	<50	30	50
UG399C	<2	N	N	50	1,000	200	50	N	<50	70	20
UG400C	<2	N	N	30	1,000	70	70	N	<50	70	N
UG401C	2	N	N	20	1,000	15	70	N	<50	100	30
UG402C	<2	N	N	150	50	700	50	N	N	100	700
UG403C	<2	N	N	100	100	200	70	50	<50	200	500
UG404C	<2	N	N	200	70	300	70	N	<50	100	200
UG405C	2	N	N	150	100	100	200	N	<50	100	70
UG406C	<2	N	N	100	70	200	70	10	<50	150	700
UG407C	<2	N	N	70	70	200	200	N	<50	200	150

Table 1 - Concentrates--continued

Sample	S-SB	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	S-TH
UG360C	N	20	N	1,000	150	N	100	N	2,000	N
UG361C	N	30	N	700	150	N	70	N	1,000	N
UG362C	N	20	N	500	150	N	70	N	>2,000	N
UG363C	N	30	N	300	150	N	50	N	1,500	N
UG364C	N	15	N	200	30	N	20	500	700	N
UG365C	N	70	N	700	200	N	50	N	>2,000	N
UG366C	N	70	N	700	300	N	100	N	500	N
UG367C	N	70	N	500	200	N	200	N	>2,000	N
UG368C	N	30	N	700	100	N	200	N	>2,000	N
UG369C	N	70	N	300	150	N	300	N	>2,000	N
UG370C	N	70	50	300	300	N	500	N	>2,000	N
UG371C	N	50	70	200	200	N	700	N	>2,000	N
UG372C	N	70	<20	300	200	N	500	N	>2,000	N
UG373C	N	100	20	700	500	N	300	N	>2,000	N
UG374C	N	50	50	500	150	N	200	N	>2,000	N
UG375C	N	50	50	500	300	N	300	N	>2,000	N
UG377C	N	30	N	700	200	N	150	N	>2,000	N
UG378C	N	70	N	500	300	N	100	N	2,000	N
UG379C	N	70	N	700	200	N	100	N	700	N
UG380C	N	30	N	500	150	N	200	N	>2,000	N
UG381C	N	100	N	1,500	700	N	150	N	2,000	N
UG382C	N	70	N	300	500	N	300	N	>2,000	N
UG385C	N	50	N	1,000	300	N	100	N	2,000	N
UG386C	N	70	N	500	300	N	100	N	2,000	N
UG387C	N	70	N	300	150	N	500	N	>2,000	N
UG388C	N	50	N	500	200	N	150	N	1,500	N
UG389C	N	30	N	500	150	N	70	1,500	1,000	N
UG390C	N	70	N	300	100	N	700	N	>2,000	N
UG391C	N	50	N	500	150	<100	150	<500	>2,000	N
UG392C	N	20	N	500	70	150	70	N	>2,000	N
UG393C	N	30	N	500	150	200	50	N	700	N
UG394C	N	15	N	<200	70	N	30	500	1,500	N
UG395C	N	30	N	700	100	N	70	<500	>2,000	N
UG396C	N	50	N	300	150	N	150	N	>2,000	N
UG397C	N	100	30	700	700	N	200	N	2,000	N
UG398C	N	50	N	1,000	200	N	100	N	2,000	N
UG399C	N	70	N	700	200	N	70	700	>2,000	N
UG400C	N	70	50	500	200	150	70	N	>2,000	N
UG401C	N	100	N	700	200	N	70	N	1,000	N
UG402C	N	10	N	1,500	70	N	<20	700	300	N
UG403C	N	50	N	500	200	N	100	<500	>2,000	N
UG404C	N	30	N	500	100	N	50	500	700	N
UG405C	N	30	N	1,000	150	N	150	N	>2,000	N
UG406C	N	20	N	1,500	100	N	100	1,500	>2,000	N
UG407C	N	20	N	1,500	150	N	100	N	>2,000	N

Table 1 - Concentrates--continued

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA
UG408C	57 4 10	156 49 23	15.0	.70	1.00	>2.00	500	1.5	N	N	100	>10,000
UG409C	57 3 35	156 47 11	10.0	1.00	10.00	>2.00	1,500	1.0	N	N	100	5,000
UG410C	57 4 32	156 42 44	2.0	1.50	10.00	1.50	1,500	N	N	N	300	1,000
UG411C	57 3 27	156 43 36	5.0	2.00	10.00	2.00	2,000	15.0	N	N	100	3,000
UG412C	57 2 52	156 42 14	10.0	.70	10.00	1.00	1,000	N	N	N	200	500
UG413C	57 2 11	156 41 47	7.0	1.00	10.00	2.00	1,500	<1.0	N	N	500	700
UG414C	57 0 13	156 38 32	7.0	3.00	10.00	.70	1,500	N	N	N	700	1,500
UG415C	57 0 10	156 34 28	5.0	5.00	10.00	>2.00	1,500	<1.0	N	N	500	200
UG417C	57 8 39	156 32 43	15.0	2.00	10.00	.50	2,000	1.0	500	N	5,000	500
UG418C	57 7 54	156 32 47	7.0	1.00	7.00	>2.00	1,500	N	N	N	>5,000	1,000
UG419C	57 7 13	156 31 59	5.0	.70	7.00	>2.00	1,500	10.0	N	N	5,000	500
UG420C	57 6 52	156 30 28	7.0	.50	7.00	>2.00	1,500	3.0	N	N	200	500
UG421C	57 7 43	156 28 1	3.0	.50	7.00	1.00	2,000	10.0	N	N	500	700
UG422C	57 9 33	156 27 7	1.5	.70	3.00	>2.00	500	30.0	N	150	>5,000	700
UG423C	57 9 39	156 26 7	5.0	.50	10.00	>2.00	1,000	100.0	1,500	300	1,500	1,000
UG424C	57 9 2	156 25 52	10.0	.50	2.00	>2.00	1,000	3.0	N	N	>5,000	>10,000
UG425C	57 47 54	156 51 18	5.0	5.00	10.00	2.00	1,500	N	N	N	200	700
UG426C	57 53 10	157 17 26	5.0	5.00	10.00	2.00	1,500	N	N	N	200	500
UG429C	57 31 46	157 46 26	7.0	10.00	15.00	1.00	2,000	N	N	N	300	300
UG431C	57 11 48	157 0 25	7.0	1.00	7.00	>2.00	700	N	N	N	1,500	500
UG432C	57 11 50	157 2 11	5.0	7.00	10.00	>2.00	1,500	100.0	N	N	300	10,000
UG433C	57 11 53	157 4 49	7.0	7.00	10.00	>2.00	2,000	10.0	N	N	70	5,000
UG434C	57 12 29	157 5 58	5.0	5.00	10.00	2.00	2,000	10.0	N	N	100	1,000
UG435C	57 13 53	157 6 51	5.0	7.00	10.00	2.00	2,000	15.0	N	N	200	500
UG436C	57 14 5	157 7 26	3.0	5.00	10.00	>2.00	1,500	7.0	N	20	150	700
UG437C	57 13 42	157 8 3	5.0	7.00	10.00	2.00	1,500	<1.0	N	N	100	700
UG438C	57 15 23	157 6 33	10.0	7.00	10.00	1.00	1,500	5.0	N	<20	200	500
UG439C	57 14 36	157 3 58	20.0	1.50	7.00	1.50	1,000	15.0	1,000	30	500	200
UG440C	57 16 47	157 2 32	7.0	10.00	10.00	2.00	2,000	70.0	N	150	50	300

Table 1 - Concentrates--continued

Sample	S-BE	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB
UG408C	<2	N	N	100	300	500	70	N	70	150	100
UG409C	3	N	N	30	300	50	50	N	50	50	30
UG410C	N	N	N	20	500	70	200	N	N	50	20
UG411C	2	N	N	20	700	30	150	N	N	50	50
UG412C	<2	N	N	70	70	30	150	N	N	30	<20
UG413C	2	N	N	50	150	150	70	N	<50	50	20
UG414C	<2	N	N	30	1,000	70	50	N	N	70	30
UG415C	2	N	N	30	1,500	20	50	150	<50	100	20
UG417C	3	N	N	70	100	150	500	20	N	50	300
UG418C	<2	N	N	100	200	100	200	N	70	70	200
UG419C	2	N	N	20	100	50	150	30	50	20	300
UG420C	2	N	70	15	50	3,000	70	700	50	15	1,500
UG421C	2	N	N	10	50	70	50	N	<50	10	150
UG422C	N	N	N	15	50	30	100	N	<50	15	300
UG423C	<2	N	N	70	100	150	100	N	50	70	200
UG424C	2	N	N	100	100	2,000	50	15	N	100	100
UG425C	<2	N	N	30	1,500	50	150	N	70	100	N
UG426C	<2	N	N	30	1,500	20	150	N	70	150	<20
UG429C	<2	N	N	70	2,000	15	50	N	<50	200	N
UG431C	<2	N	N	50	500	70	150	N	70	200	50
UG432C	N	N	N	50	2,000	50	50	N	N	200	150
UG433C	<2	N	N	50	2,000	20	100	N	<50	150	30
UG434C	<2	N	N	30	1,500	50	100	N	<50	70	20
UG435C	<2	N	N	50	2,000	15	70	N	<50	150	<20
UG436C	<2	N	N	30	2,000	10	100	N	70	150	N
UG437C	<2	N	N	30	2,000	70	70	N	<50	150	20
UG438C	<2	N	N	70	2,000	70	70	N	<50	200	50
UG439C	<2	70	N	200	1,000	3,000	200	30	<50	300	1,500
UG440C	N	N	N	500	1,000	70	50	N	<50	100	50

Table 1 - Concentrates--continued

Sample	S-SB	S-SC	S-SN	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	S-TH
UG408C	N	50	N	500	500	N	50	N	>2,000	N
UG409C	N	50	N	700	200	N	50	N	1,500	N
UG410C	N	70	N	500	100	N	500	N	>2,000	<200
UG411C	N	70	N	1,000	200	N	150	N	>2,000	N
UG412C	N	70	N	700	200	N	150	N	>2,000	N
UG413C	N	70	N	1,000	500	N	150	N	1,000	N
UG414C	N	100	N	1,000	300	N	70	N	700	N
UG415C	N	100	N	700	300	N	30	N	700	N
UG417C	N	70	N	1,000	200	N	100	N	700	N
UG418C	N	150	N	500	500	N	200	N	>1,000	N
UG419C	N	50	N	700	300	N	150	N	>2,000	N
UG420C	N	30	N	700	300	N	100	10,000	2,000	N
UG421C	N	30	N	700	200	N	100	N	>2,000	N
UG422C	N	100	70	200	300	N	700	N	>2,000	300
UG423C	N	50	N	700	200	N	200	N	>2,000	N
UG424C	N	70	N	700	500	N	100	N	2,000	N
UG425C	N	100	N	500	300	N	500	N	>2,000	N
UG426C	N	100	N	500	300	N	300	N	>2,000	N
UG429C	N	150	N	300	300	N	100	N	>2,000	N
UG431C	N	70	N	300	150	N	500	N	>2,000	N
UG432C	N	150	N	300	200	N	300	N	>2,000	N
UG433C	N	100	N	300	300	N	150	N	2,000	N
UG434C	N	70	N	500	200	N	100	N	2,000	N
UG435C	N	100	70	300	300	N	100	N	>2,000	N
UG436C	N	100	N	300	300	N	300	N	>2,000	N
UG437C	N	100	N	300	200	N	70	N	1,500	N
UG438C	N	100	N	500	300	150	100	N	2,000	N
UG439C	N	70	N	200	150	N	150	N	1,000	N
UG440C	N	150	N	300	200	N	150	N	2,000	N

Table 2.--Analytical data from stream-sediment samples, Bristol Bay, Ugashik, and Karluk quadrangles, Alaska.

[Element concentrations reported in ppm except Fe, Mg, Ca, and Ti which are reported in percent. Element concentrations coded with an N, <, or > indicate: not detected, detected but below limit of determination, and greater than upper limit of determination. Latitude and longitude are given in degrees, minutes, and seconds.]

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA	S-BE
BB001	57 3 6	158 2 58	>20.0	3.0	3.00	>1.00	2,000	N	N	N	10	500	<1.0
BB002	57 1 13	158 5 3	20.0	3.0	2.00	>1.00	1,500	N	N	N	10	300	<1.0
BB003	57 2 56	158 4 43	15.0	3.0	2.00	>1.00	1,500	N	N	N	10	500	<1.0
BB004	57 2 3	158 7 53	>20.0	5.0	2.00	>1.00	3,000	N	N	N	<10	200	N
BB005	57 3 2	158 11 46	10.0	2.0	3.00	1.00	2,000	N	N	N	20	700	1.0
BB006	57 5 34	158 15 58	>20.0	5.0	3.00	>1.00	2,000	N	N	N	<10	300	<1.0
BB007	57 5 50	158 21 54	15.0	3.0	3.00	>1.00	1,500	N	N	N	10	500	<1.0
BB008	57 3 30	158 20 12	15.0	3.0	3.00	>1.00	2,000	N	N	N	10	300	<1.0
BB009	57 3 22	158 22 47	15.0	3.0	3.00	>1.00	2,000	N	N	N	20	500	<1.0
BB010	57 3 57	158 23 55	15.0	3.0	3.00	>1.00	2,000	N	N	N	15	500	<1.0
BB011	57 3 13	158 32 21	15.0	3.0	3.00	>1.00	1,500	N	N	N	15	700	<1.0
BB012	57 2 15	158 38 4	>20.0	10.0	3.00	>1.00	5,000	N	N	N	<10	50	N
BB013	57 5 43	158 33 52	10.0	2.0	3.00	>1.00	1,500	N	N	N	20	700	1.0
BB014	57 10 11	158 28 31	>20.0	5.0	2.00	>1.00	3,000	N	N	N	<10	50	N
BB015	57 11 41	158 26 41	>20.0	7.0	2.00	>1.00	>5,000	N	N	N	<10	100	N
KA001	57 3 30	155 2 19	2.0	1.0	1.00	.20	700	N	N	N	30	700	1.0
KA002	57 55 29	155 4 52	1.5	.7	.50	.15	300	N	N	N	30	500	<1.0
KA003	57 57 15	155 5 33	1.5	.5	.50	.15	500	N	N	N	30	500	1.0
KA004	57 57 45	155 8 47	3.0	1.0	1.00	.50	1,000	N	N	N	20	500	1.0
KA009	57 58 3	155 10 54	1.5	.7	.70	.20	500	N	N	N	20	500	<1.0
KA010	57 58 55	155 14 35	2.0	.7	1.00	.70	1,000	N	N	N	30	700	<1.0
KA011	57 58 52	155 16 54	3.0	1.0	1.00	.30	1,500	N	N	N	30	700	1.0
KA012	57 59 0	155 16 47	2.0	1.0	.70	.20	500	N	N	N	30	500	<1.0
KA013	57 57 14	155 15 0	3.0	1.0	.70	.30	500	N	N	N	30	500	1.0
KA014	57 56 25	155 15 22	3.0	.5	.70	1.00	1,000	N	N	N	10	300	<1.0
KA015	57 56 0	155 13 45	2.0	.7	1.00	.70	500	N	N	N	30	500	<1.0
KA016	57 54 35	155 9 51	2.0	.7	.70	.50	500	N	N	N	15	300	<1.0
KA017	57 55 75	155 9 57	7.0	.5	.70	>1.00	700	N	N	N	10	300	<1.0
KA018	57 55 3	155 8 36	2.0	1.0	1.00	.30	700	N	N	N	30	300	1.0
KA019	57 57 1	155 4 43	2.0	.7	.70	.30	500	N	N	N	15	300	<1.0
KA020	57 52 41	155 9 54	3.0	.7	.70	1.00	700	N	N	N	30	300	1.0
KA021	57 52 22	155 11 30	2.0	.5	1.00	.50	500	N	N	N	70	500	<1.0
KA022	57 54 19	155 16 13	2.0	.7	1.00	.30	700	N	N	N	100	500	<1.0
KA023	57 54 16	155 18 43	3.0	.5	1.00	.70	500	<.5	N	N	20	500	1.0
KA024	57 54 14	155 19 6	1.5	.5	.70	.30	300	N	N	N	30	300	<1.0
KA025	57 54 31	155 19 14	2.0	.7	.70	.20	50	N	N	N	30	500	1.0
KA026	57 52 20	155 16 26	3.0	1.0	1.50	.70	500	N	N	N	50	500	<1.0
KA027	57 51 50	155 16 10	5.0	1.5	2.00	.70	700	N	N	N	20	300	1.0
KA028	57 50 0	155 13 45	3.0	1.5	1.50	.70	500	<.5	N	N	20	500	1.0
KA029	57 51 37	155 23 16	5.0	1.0	1.50	.50	500	N	N	N	30	500	1.0
KA030	57 50 56	155 23 6	5.0	1.5	2.00	.50	700	N	N	N	30	500	1.0
KA031	57 50 44	155 22 21	5.0	1.0	1.50	.70	700	N	N	N	20	500	1.0
KA032	57 49 59	155 22 20	7.0	1.5	1.50	.70	1,000	<.5	N	N	30	500	1.0
KA033	57 49 2	155 20 35	7.0	1.5	1.50	1.00	700	N	N	N	15	500	1.0
KA034	57 47 43	155 22 2	5.0	1.5	1.50	.30	500	N	N	N	20	500	1.0

Table 2 - Stream Sediments

Sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN
BB001	N	N	70	150	70	N	N	N	50	10	N	50	N
BB002	N	N	50	100	50	N	N	N	50	10	N	50	N
BB003	N	N	20	50	30	N	N	N	30	10	N	50	N
BB004	N	N	100	1,000	50	N	N	N	30	10	N	70	N
BB005	N	N	10	100	50	20	N	N	20	10	N	20	N
BB006	N	N	50	200	70	N	N	N	50	10	N	70	N
BB007	N	N	50	100	30	N	N	N	30	15	N	50	N
BB008	N	N	30	100	70	N	N	N	50	<10	N	50	N
BB009	N	N	20	70	50	<20	N	N	30	15	N	50	N
BB010	N	N	15	70	30	N	N	N	30	10	N	50	N
BB011	N	N	10	30	50	N	N	N	20	15	N	30	N
BB012	N	N	300	700	30	N	N	N	70	N	N	150	N
BB013	N	N	7	20	30	<20	N	N	50	10	N	20	N
BB014	N	N	150	700	30	N	N	N	70	<10	N	100	N
BB015	N	N	200	1,000	50	N	N	N	70	<10	N	100	N
KA005	N	N	15	50	15	<20	N	N	20	10	N	30	N
KA006	N	N	10	50	20	N	N	N	20	<10	N	15	N
KA007	N	N	10	70	30	N	N	N	20	<10	N	15	N
KA008	N	N	15	50	20	20	N	<20	20	<10	N	30	N
KA009	N	N	7	30	15	N	N	N	15	<10	N	15	N
KA010	N	N	10	50	30	<20	N	N	20	10	N	20	N
KA011	N	N	10	100	30	<20	N	N	20	10	N	20	N
KA012	N	N	7	70	20	<20	N	N	30	<10	N	20	N
KA013	N	N	10	70	30	<20	N	N	30	<10	N	20	N
KA014	N	N	10	30	20	<20	N	<20	10	<10	N	30	N
KA015	N	N	15	30	30	<20	N	N	15	10	N	20	N
KA016	N	N	10	50	30	<20	N	N	20	<10	N	20	N
KA017	N	N	20	50	30	20	N	20	15	<10	N	50	N
KA018	N	N	20	50	30	<20	N	N	30	<10	N	30	N
KA019	N	N	20	70	50	N	5	N	20	<10	N	20	N
KA020	N	N	20	50	20	20	N	N	20	<10	N	30	N
KA021	N	N	10	50	20	N	N	N	20	10	N	15	N
KA022	N	N	10	50	20	N	N	N	20	<10	N	15	N
KA023	N	N	10	30	30	<20	N	<20	15	10	N	15	N
KA024	N	N	10	30	20	N	N	N	15	<10	N	15	N
KA025	N	N	10	70	30	N	N	N	20	<10	N	15	N
KA026	N	N	30	70	30	<20	N	N	30	10	N	30	N
KA027	N	N	30	100	30	N	<5	N	30	10	N	30	N
KA028	N	N	30	100	30	<20	N	N	30	10	N	50	N
KA029	N	N	10	50	30	20	N	N	15	10	N	15	N
KA030	N	N	20	70	30	20	N	N	30	10	N	50	N
KA031	N	N	20	70	30	<20	N	N	20	10	N	30	N
KA032	N	N	30	100	50	20	N	N	30	10	N	50	N
KA033	N	N	30	100	50	<20	N	N	30	10	N	50	N
KA034	N	N	20	70	30	20	N	N	30	10	N	50	N

Table 2 - Stream Sediments

Sample	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	S-TH	AA-CU-P	AA-PB-P	AA-ZN-P
BB001	300	2,000	N	30	<200	50	N	15	10	40
BB002	200	2,000	N	30	<200	150	N	10	5	40
BB003	300	1,000	N	30	<200	70	N	10	10	30
BB004	150	5,000	N	20	N	200	N	15	10	60
BB005	500	300	N	50	N	100	N	20	20	30
BB006	300	3,000	N	50	<200	50	N	15	10	40
BB007	500	1,000	N	50	<200	70	N	15	10	40
BB008	200	1,500	N	50	<200	70	N	15	10	40
BB009	500	700	N	50	N	100	N	15	10	35
BB010	500	700	N	30	<200	70	N	10	5	35
BB011	500	500	N	50	N	100	N	15	10	30
BB012	<100	7,000	N	20	N	1,000	N	5	5	55
BB013	500	200	N	50	<200	100	N	15	5	30
BB014	<100	7,000	N	30	N	20	N	5	10	60
BB015	<100	7,000	N	20	N	15	N	5	5	55
KA005	300	150	N	30	<200	100	N	15	5	40
KA006	150	150	N	20	N	70	N	25	10	50
KA007	150	150	N	20	N	70	N	30	10	50
KA008	300	150	N	30	N	200	N	25	10	45
KA009	200	150	N	20	N	100	N	25	10	40
KA010	500	150	N	20	N	200	N	30	10	50
KA011	500	150	N	30	N	200	N	35	15	70
KA012	200	150	N	20	N	150	N	30	15	65
KA013	300	150	N	20	N	150	N	35	10	70
KA014	300	200	N	30	<200	300	N	25	10	40
KA015	700	150	N	20	N	150	N	25	10	45
KA016	200	150	N	15	N	70	N	25	15	50
KA017	500	300	N	30	N	300	N	20	10	45
KA018	300	200	N	20	<200	100	N	40	20	70
KA019	500	200	N	15	N	70	N	100	10	55
KA020	300	200	N	30	<200	150	N	25	15	50
KA021	500	150	N	15	N	70	N	25	10	45
KA022	500	150	N	15	N	150	N	20	10	55
KA023	700	150	N	20	N	100	N	25	10	50
KA024	700	150	N	20	N	150	N	30	15	50
KA025	500	150	N	20	N	150	N	35	15	60
KA026	500	200	N	30	N	150	N	30	15	45
KA027	300	300	N	20	<200	100	N	35	15	55
KA028	500	200	N	30	<200	100	N	35	20	55
KA029	700	200	N	15	N	150	N	30	15	50
KA030	500	300	N	20	<200	70	N	40	20	60
KA031	500	300	N	20	N	200	N	30	15	50
KA032	300	300	N	30	<200	100	N	40	20	60
KA033	300	500	N	30	<200	150	N	30	20	60
KA034	300	200	N	20	N	70	N	25	15	55

Table 2 - Stream Sediments--continued

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA	S-BE
KA035	57 46 41	155 20 43	7.0	1.5	1.50	1.00	700	N	N	N	10	300	1.0
KA036	57 44 55	155 18 11	2.0	1.0	1.00	.20	500	N	N	N	30	500	1.0
KA037	57 43 49	155 18 56	7.0	3.0	1.50	.50	700	N	N	N	20	300	<1.0
KA038	57 43 41	155 20 24	3.0	1.5	1.00	.30	500	N	N	N	30	500	1.0
KA039	57 44 6	155 23 13	2.0	1.0	.70	.20	500	N	N	N	50	500	1.0
KA040	57 45 22	155 28 52	7.0	1.5	1.50	1.00	1,000	N	N	N	10	300	1.0
KA041	57 46 2	155 30 21	7.0	1.5	1.00	1.00	1,000	N	N	N	15	500	1.0
KA042	57 49 53	155 30 32	5.0	1.5	1.50	.70	1,000	N	N	N	20	500	1.0
KA043	57 49 35	155 31 17	3.0	1.0	1.50	.50	700	N	N	N	15	300	1.0
KA044	57 48 29	155 30 53	5.0	1.5	2.00	.70	1,000	N	N	N	20	500	1.0
KA045	57 47 50	155 30 55	5.0	1.5	1.50	.70	1,000	N	N	N	20	500	<1.0
KA046	57 47 45	155 28 52	10.0	1.0	1.00	1.00	1,000	N	N	N	30	300	1.0
KA047	57 48 1	155 28 49	5.0	1.0	1.50	.50	1,000	N	N	N	20	500	1.0
KA048	57 48 7	155 29 8	7.0	1.0	1.00	.70	1,000	N	N	N	15	300	1.0
KA049	57 47 44	155 30 32	5.0	1.0	1.00	.70	700	N	N	N	15	300	1.0
KA050	57 47 54	155 36 18	3.0	.7	1.00	.70	500	N	N	N	20	300	1.0
KA051	57 47 59	155 38 36	2.0	1.0	1.00	.15	300	N	N	N	20	500	1.0
KA052	57 48 11	155 38 33	2.0	1.0	.50	.15	300	N	N	N	30	500	1.0
KA053	57 44 51	155 38 0	2.0	1.0	1.50	.15	300	N	N	N	30	500	<1.0
KA054	57 45 9	155 38 15	2.0	1.0	1.00	.20	300	N	N	N	30	300	<1.0
KA055	57 43 43	155 41 1	5.0	1.5	1.00	.50	700	N	N	N	20	500	<1.0
KA056	57 44 4	155 41 29	3.0	1.0	1.00	1.00	500	N	N	N	20	300	1.0
KA057	57 43 49	155 41 25	3.0	1.5	1.50	.70	500	N	N	N	20	300	<1.0
KA058	57 43 8	155 38 12	2.0	1.0	1.00	.15	300	N	N	N	30	500	<1.0
KA059	57 42 22	155 39 0	7.0	1.5	1.50	1.00	700	N	N	N	10	300	<1.0
KA060	57 45 29	155 38 35	5.0	1.0	1.00	.70	700	N	N	N	10	300	<1.0
KA061	57 59 17	155 48 48	3.0	1.5	1.50	.30	500	N	N	N	10	300	<1.0
KA062	57 59 10	155 50 13	7.0	1.5	1.50	.70	1,000	N	N	N	10	200	<1.0
KA063	57 59 4	155 53 30	7.0	2.0	1.50	.70	1,000	N	N	N	10	150	<1.0
KA064	57 59 33	155 53 19	5.0	1.5	1.50	.50	1,000	N	N	N	10	200	<1.0
KA065	57 59 9	155 57 44	3.0	2.0	2.00	.20	1,000	N	N	N	10	200	<1.0
KA066	57 58 55	155 58 18	5.0	1.5	1.50	.50	1,000	N	N	N	10	200	<1.0
KA068	57 56 4	155 58 50	2.0	1.0	1.50	.15	700	N	N	N	10	300	<1.0
KA069	57 55 40	155 55 6	5.0	2.0	2.00	.50	1,000	N	N	N	10	200	<1.0
KA070	57 55 35	155 50 36	5.0	1.0	2.00	.50	700	N	N	N	10	200	<1.0
KA071	57 57 3	155 47 23	5.0	1.5	2.00	.30	1,000	N	N	N	10	200	<1.0
KA072	57 57 3	155 47 23	5.0	1.5	2.00	.50	1,000	N	N	N	10	200	<1.0
KA073	57 55 59	155 48 30	5.0	1.5	2.00	.50	1,000	N	N	N	10	200	<1.0
KA074	57 55 57	155 44 27	3.0	1.0	2.00	.30	500	N	N	N	15	300	1.0
KA075	57 59 9	155 41 1	2.0	1.0	1.00	.15	500	N	N	N	20	300	1.0
KA076	57 56 31	155 41 50	3.0	1.5	1.50	.50	500	<.5	N	N	15	300	<1.0
KA077	57 51 7	155 34 40	2.0	1.0	.70	.15	300	N	N	N	30	300	1.0
KA078	57 51 19	155 34 44	2.0	1.0	1.00	.20	500	N	N	N	30	500	1.0
KA079	57 41 14	155 37 22	10.0	1.0	1.50	>1.00	700	N	N	N	15	300	<1.0
KA080	57 41 8	155 37 14	7.0	1.5	2.00	.70	700	N	N	N	15	300	<1.0

Table 2 - Stream Sediments--continued

Sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN
KA035	N	N	30	70	30	20	N	N	30	10	N	50	N
KA036	N	N	10	100	20	N	N	N	30	10	N	30	N
KA037	N	N	30	1,000	50	N	N	N	150	10	N	70	N
KA038	N	N	20	200	20	N	N	N	30	10	N	30	N
KA039	N	N	15	50	30	<20	N	N	30	10	N	30	N
KA040	N	N	30	70	30	<20	N	<20	30	10	N	50	N
KA041	N	N	30	100	50	30	N	<20	30	10	N	50	N
KA042	N	N	30	70	30	<20	N	N	30	10	N	30	N
KA043	N	N	20	70	30	<20	N	N	20	10	N	30	N
KA044	N	N	30	70	30	20	N	N	30	10	N	50	N
KA045	N	N	30	70	30	20	N	N	30	10	N	50	N
KA046	N	N	30	100	50	20	N	<20	30	10	N	50	N
KA047	N	N	30	100	30	<20	N	N	30	10	N	30	N
KA048	N	N	30	70	30	<20	N	N	30	<10	N	30	N
KA049	N	N	20	70	30	<20	N	N	20	<10	N	20	N
KA050	N	N	10	50	20	<20	N	N	10	10	N	20	N
KA051	N	N	15	70	30	20	N	N	50	10	N	20	N
KA052	N	N	15	100	30	<20	N	N	30	10	N	20	N
KA053	N	N	20	70	30	N	N	N	30	10	N	20	N
KA054	N	N	15	70	30	N	N	N	20	10	N	20	N
KA055	N	N	20	100	50	N	N	N	30	10	N	30	N
KA056	N	N	20	70	30	<20	N	<20	30	10	N	50	N
KA057	N	N	30	70	30	N	N	N	30	10	N	30	N
KA058	N	N	20	100	30	<20	N	N	30	10	N	30	N
KA059	N	N	30	100	50	20	N	<20	30	10	N	70	N
KA060	N	N	20	70	30	N	N	N	30	<10	N	50	N
KA061	N	N	20	70	30	N	N	N	30	<10	N	30	N
KA062	N	N	30	150	30	N	N	N	30	<10	N	50	N
KA063	N	N	50	150	50	N	N	N	50	<10	N	50	N
KA064	N	N	30	50	30	<20	N	N	20	<10	N	50	N
KA065	N	N	30	50	30	N	N	N	20	<10	N	30	N
KA066	N	N	30	70	20	<20	N	N	20	<10	N	50	N
KA068	N	N	20	50	30	<20	N	N	20	<10	N	30	N
KA069	N	N	30	100	30	<20	N	N	30	<10	N	50	N
KA070	N	N	30	200	30	N	N	N	30	<10	N	50	N
KA071	N	N	30	100	30	N	N	N	20	<10	N	30	N
KA072	N	N	30	100	50	<20	N	N	30	<10	N	50	N
KA073	N	N	30	50	30	N	N	N	20	<10	N	30	N
KA074	N	N	20	70	20	<20	N	N	20	<10	N	30	N
KA075	N	N	20	70	30	<20	N	N	30	10	N	30	N
KA076	N	N	30	100	30	30	N	N	50	10	N	50	N
KA077	N	N	15	70	30	N	N	N	30	10	N	30	N
KA078	N	N	15	70	30	N	N	N	30	10	N	30	N
KA079	N	N	30	70	50	<20	N	<20	30	<10	N	50	N
KA080	N	N	30	70	30	<20	N	<20	30	10	N	50	N

Table 2 - Stream Sediments--continued

Sample	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	S-TH	AA-CU-P	AA-PB-P	AA-ZN-P
KA035	500	300	N	20	<200	70	N	25	20	60
KA036	300	150	N	20	<200	70	N	15	20	75
KA037	200	200	N	20	N	70	N	40	20	75
KA038	300	150	N	30	N	100	N	20	20	70
KA039	200	150	N	20	N	100	N	25	20	75
KA040	500	300	N	30	<200	150	N	25	20	65
KA041	500	300	N	30	<200	100	N	35	20	55
KA042	500	200	N	20	<200	100	N	30	20	55
KA043	500	150	N	20	N	150	N	25	20	55
KA044	500	300	N	30	<200	100	N	30	20	60
KA045	500	200	N	30	<200	70	N	30	20	60
KA046	300	500	N	20	200	100	N	25	20	70
KA047	300	200	N	20	<200	70	N	35	20	65
KA048	300	300	N	20	<200	70	N	25	20	65
KA049	500	150	N	20	<200	150	N	30	20	50
KA050	700	150	N	15	N	200	N	20	15	45
KA051	300	150	N	20	N	100	N	20	15	50
KA052	300	150	N	20	N	200	N	30	20	70
KA053	500	200	N	20	N	70	N	35	10	50
KA054	500	200	N	20	N	70	N	30	10	50
KA055	200	300	N	20	N	100	N	50	15	70
KA056	300	200	N	30	<200	150	N	35	10	65
KA057	300	200	N	30	<200	100	N	40	15	65
KA058	300	150	N	30	N	70	N	40	15	60
KA059	300	300	N	30	<200	150	N	30	10	60
KA060	300	200	N	30	<200	70	N	25	10	55
KA061	300	200	N	20	N	50	N	45	10	35
KA062	200	300	N	20	<200	70	N	30	10	45
KA063	200	500	N	20	<200	50	N	25	15	45
KA064	300	200	N	30	<200	70	N	30	15	45
KA065	300	200	N	20	N	70	N	25	10	30
KA066	200	200	N	20	<200	70	N	15	10	40
KA068	300	150	N	20	N	70	N	20	15	45
KA069	300	300	N	20	<200	70	N	30	15	30
KA070	300	300	N	20	N	70	N	30	15	35
KA071	300	300	N	20	<200	70	N	30	15	40
KA072	500	500	N	20	<200	70	N	30	15	40
KA073	500	300	N	20	<200	70	N	25	15	40
KA074	500	150	N	20	N	70	N	30	15	50
KA075	300	200	N	20	N	70	N	35	15	70
KA076	300	300	N	30	<200	70	N	35	15	75
KA077	300	150	N	20	N	70	N	40	20	90
KA078	300	150	N	20	N	100	N	35	20	80
KA079	300	500	N	30	200	100	N	30	20	80
KA080	500	300	N	30	<200	100	N	30	20	70

Table 2 - Stream Sediments--continued

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA	S-BE
KA081	57 40 56	155 35 0	5.0	1.0	1.00	.50	700	N	N	N	10	300	<1.0
KA082	57 33 39	155 44 15	7.0	1.0	1.50	1.00	700	N	N	N	10	300	<1.0
KA083	57 34 24	155 44 5	5.0	1.0	1.00	1.00	500	N	N	N	10	300	<1.0
KA084	57 36 11	155 44 32	3.0	1.0	1.00	.70	500	N	N	N	20	300	<1.0
KA085	57 37 48	155 46 11	10.0	1.0	1.50	1.00	1,000	N	N	N	10	300	<1.0
KA086	57 40 15	155 50 13	7.0	1.0	1.00	1.00	700	N	N	N	10	300	<1.0
KA087	57 39 31	155 49 6	10.0	1.0	1.50	1.00	1,000	N	N	N	10	500	<1.0
KA088	57 39 20	155 47 19	5.0	1.0	2.00	.70	700	N	N	N	15	300	<1.0
KA089	57 36 10	155 44 9	1.5	.7	.70	.50	500	N	N	N	10	200	<1.0
KA090	57 41 10	155 44 0	7.0	1.0	1.00	.70	700	N	N	N	10	300	<1.0
KA091	57 41 8	155 43 52	15.0	1.5	1.00	>1.00	1,000	N	N	N	10	300	<1.0
KA092	57 40 28	155 42 4	7.0	1.5	1.50	.70	1,000	N	N	N	10	300	<1.0
KA093	57 39 52	155 41 17	15.0	1.0	1.00	>1.00	1,500	N	N	N	10	300	<1.0
KA094	57 39 21	155 42 2	2.0	1.0	1.50	.20	500	N	N	N	15	300	<1.0
KA095	57 57 49	155 37 46	3.0	1.5	1.50	.30	300	N	N	N	30	500	1.0
KA096	57 57 47	155 37 23	5.0	1.5	1.50	.70	500	<.5	N	N	15	500	<1.0
KA097	57 56 13	155 38 17	3.0	1.5	1.00	.50	300	N	N	N	30	500	<1.0
KA098	57 58 25	155 32 23	5.0	1.5	1.50	.50	500	N	N	N	20	500	1.0
KA099	57 57 56	155 32 53	5.0	1.5	1.50	.50	700	N	N	N	20	500	<1.0
KA100	57 57 43	155 31 1	2.0	1.0	1.00	.30	500	N	N	N	30	500	<1.0
KA101	57 59 0	155 27 8	2.0	1.0	1.00	.20	700	N	N	N	20	700	1.0
KA102	57 59 14	155 23 47	3.0	1.0	.70	.70	3,000	N	N	N	20	700	<1.0
KA103	57 58 2	155 24 20	2.0	.7	.70	.20	1,000	N	N	N	20	700	<1.0
KA104	57 56 55	155 22 19	2.0	1.0	.70	.30	700	N	N	N	30	700	<1.0
KA105	57 56 47	155 22 23	3.0	1.0	.70	.20	500	N	N	N	30	500	<1.0
KA106	57 55 54	155 25 30	3.0	1.0	.70	.20	500	N	N	N	20	700	<1.0
KA107	57 55 11	155 26 0	3.0	1.0	1.00	.30	500	N	N	N	30	700	1.0
KA108	57 54 30	155 27 0	3.0	1.0	.70	.20	700	N	N	N	30	700	1.0
KA109	57 54 4	155 25 20	2.0	.7	1.00	.20	500	N	N	N	20	700	<1.0
KA110	57 53 47	155 30 31	3.0	1.0	1.00	.50	700	N	N	N	30	700	1.0
KA111	57 52 2	155 30 59	3.0	1.0	1.50	.30	500	N	N	N	20	700	<1.0
KA112	57 49 9	155 37 37	3.0	1.0	1.00	.30	1,000	N	N	N	30	700	<1.0
KA113	57 39 47	155 59 23	5.0	1.5	1.50	.70	1,000	N	N	N	15	500	<1.0
KA114	57 43 17	155 57 37	5.0	.7	1.00	.70	700	N	N	N	15	300	<1.0
KA115	57 41 37	155 54 6	3.0	1.0	1.50	.50	700	N	N	N	20	500	<1.0
KA116	57 42 26	155 53 13	7.0	1.5	2.00	.70	1,000	N	N	N	15	300	<1.0
KA117	57 42 33	155 49 41	7.0	1.5	2.00	1.00	1,000	N	N	N	15	300	<1.0
KA118	57 44 26	155 52 37	3.0	1.5	1.00	.50	500	N	N	N	20	500	1.0
KA119	57 46 34	155 53 27	3.0	1.5	1.50	.50	500	N	N	N	30	700	1.0
KA120	57 46 50	155 51 29	3.0	1.0	1.00	.30	500	N	N	N	30	700	1.0
KA121	57 47 40	155 49 47	1.5	1.0	1.00	.15	300	N	N	N	30	700	<1.0
KA122	57 48 6	155 47 42	5.0	1.5	1.00	1.00	700	<.5	N	N	20	700	<1.0
KA123	57 48 45	155 48 14	3.0	1.0	1.50	.30	700	N	N	N	30	700	1.0
KA124	57 50 42	155 46 33	3.0	1.0	1.00	.50	1,000	.5	N	N	20	700	1.0
KA125	57 54 22	155 50 54	7.0	1.5	1.50	1.00	700	N	N	N	20	700	1.0

Table 2 - Stream Sediments--continued

Sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN
KA081	N	N	20	50	30	N	N	N	15	10	N	30	N
KA082	N	N	30	70	30	20	N	<20	20	10	N	70	N
KA083	N	N	30	70	30	N	N	<20	30	10	N	50	N
KA084	N	N	30	70	30	<20	N	N	20	10	N	30	N
KA085	N	N	30	100	50	20	N	<20	30	10	N	50	N
KA086	N	N	30	70	30	N	N	<20	30	10	N	50	N
KA087	N	N	30	70	30	<20	N	<20	20	10	N	50	N
KA088	N	N	30	70	30	N	N	N	30	10	N	50	N
KA089	<10	N	15	30	30	N	N	N	15	<10	N	30	N
KA090	N	N	30	70	30	20	N	<20	30	10	N	70	N
KA091	N	N	50	100	50	<20	N	<20	30	10	N	70	N
KA092	N	N	20	100	30	<20	N	<20	20	10	N	50	N
KA093	N	N	50	150	50	<20	N	<20	30	<10	N	70	N
KA094	N	N	15	100	30	N	N	N	20	<10	N	30	N
KA095	N	N	30	150	30	<20	N	N	50	10	N	50	N
KA096	N	N	30	150	50	<20	N	N	50	10	N	50	N
KA097	N	N	30	100	30	N	N	N	50	10	N	50	N
KA098	N	N	30	150	50	<20	N	N	50	10	N	50	N
KA099	N	N	30	150	50	N	N	N	30	<10	N	50	N
KA100	N	N	20	100	30	30	N	N	30	10	N	30	N
KA101	N	N	20	70	30	N	N	N	30	<10	N	30	N
KA102	N	N	10	70	30	70	N	<20	15	10	N	50	N
KA103	N	N	7	50	20	70	N	N	20	<10	N	30	N
KA104	N	N	15	70	30	70	N	N	30	10	N	30	N
KA105	N	N	15	100	30	N	N	N	30	10	N	30	N
KA106	N	N	10	70	30	N	N	N	30	10	N	20	N
KA107	N	N	15	100	30	<20	N	N	30	10	N	30	N
KA108	N	N	15	100	30	<20	N	N	30	10	N	30	N
KA109	N	N	7	50	30	30	N	N	20	10	N	15	N
KA110	N	N	20	70	30	N	N	N	30	10	N	30	N
KA111	N	N	20	70	30	<20	N	N	30	10	N	30	N
KA112	N	N	20	100	30	N	N	N	30	10	N	30	N
KA113	N	N	30	70	20	N	N	<20	30	10	N	50	N
KA114	N	N	20	100	20	N	N	<20	20	<10	N	20	N
KA115	N	N	20	70	30	N	N	N	30	10	N	30	N
KA116	N	N	30	100	30	N	N	N	30	<10	N	70	N
KA117	N	N	30	100	30	N	N	<20	30	10	N	70	N
KA118	N	N	20	70	50	<20	N	N	20	10	N	30	N
KA119	N	N	20	100	50	<20	N	N	30	20	N	30	N
KA120	N	N	15	100	30	<20	N	N	20	10	N	20	N
KA121	N	N	20	300	30	N	N	N	30	10	N	20	N
KA122	N	N	20	150	50	<20	N	<20	20	10	N	30	N
KA123	<10	N	20	100	30	20	N	N	30	10	N	30	N
KA124	N	N	20	100	30	N	N	N	30	<10	N	30	N
KA125	N	N	30	100	50	<20	N	<20	30	15	N	50	N

Table 2 - Stream Sediments--continued

Sample	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	S-TH	AA-CU-P	AA-PB-P	AA-ZN-P
KA081	500	200	N	20	<200	150	N	30	15	60
KA082	500	300	N	30	<200	150	N	25	15	70
KA083	500	300	N	30	<200	70	N	30	15	75
KA084	500	200	N	20	N	70	N	35	15	70
KA085	500	500	N	30	300	150	N	30	15	80
KA086	300	300	N	20	<200	100	N	35	15	80
KA087	500	300	N	30	200	300	N	30	15	80
KA088	500	300	N	30	<200	70	N	35	15	70
KA089	300	200	N	15	<200	100	N	30	15	70
KA090	300	200	N	30	<200	70	N	30	20	80
KA091	300	700	N	30	<200	70	N	20	25	80
KA092	500	300	N	20	<200	70	N	25	15	80
KA093	300	700	N	20	200	150	N	25	15	95
KA094	500	200	N	15	N	70	N	35	15	70
KA095	500	300	N	30	N	100	N	35	10	65
KA096	500	300	N	30	<200	200	N	40	10	65
KA097	300	300	N	30	<200	150	N	35	10	75
KA098	500	300	N	30	N	100	N	45	10	80
KA099	500	300	N	30	<200	100	N	40	10	80
KA100	300	200	N	30	N	150	N	25	10	65
KA101	300	150	N	20	N	100	N	20	10	65
KA102	200	200	N	70	N	300	N	15	10	40
KA103	200	150	N	30	N	100	N	15	10	35
KA104	300	200	N	30	N	100	N	50	10	85
KA105	500	200	N	20	<200	70	N	45	10	80
KA106	300	200	N	20	N	70	N	40	15	80
KA107	500	200	N	30	<200	100	N	45	15	90
KA108	500	200	N	30	<200	100	N	30	15	75
KA109	700	150	N	15	N	70	N	20	15	50
KA110	500	200	N	30	<200	150	N	30	15	65
KA111	500	200	N	30	N	150	N	30	20	65
KA112	500	200	N	30	N	100	N	35	20	70
KA113	700	300	N	30	<200	100	N	15	15	45
KA114	700	200	N	20	N	150	N	30	20	40
KA115	500	200	N	20	<200	70	N	40	20	50
KA116	500	500	N	30	<200	150	N	35	25	50
KA117	300	500	N	20	<200	100	N	35	25	55
KA118	5,000	200	N	20	N	100	N	35	20	50
KA119	7,000	200	N	20	N	70	N	40	20	60
KA120	5,000	200	N	20	<200	100	N	35	20	60
KA121	3,000	200	N	20	N	100	N	35	20	60
KA122	5,000	300	N	30	<200	200	N	40	20	60
KA123	3,000	200	N	20	<200	100	N	30	20	65
KA124	3,000	200	N	30	<200	150	N	30	25	70
KA125	5,000	300	N	30	<200	100	N	40	30	70

Table 2 - Stream Sediments--continued

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA	S-BE
KA126	57 35 58	155 55 13	5.0	.7	.50	.50	500	N	N	N	50	700	<1.0
KA127	57 35 56	155 55 24	10.0	1.5	1.00	1.00	700	N	N	N	20	1,000	<1.0
KA128	57 37 29	155 57 30	15.0	1.5	1.00	1.00	1,000	N	N	N	10	300	<1.0
KA129	57 37 30	155 58 31	7.0	1.5	2.00	.70	1,000	<.5	N	N	10	700	<1.0
KA130	57 38 0	155 59 15	7.0	1.5	1.50	.70	700	<.5	N	N	20	500	<1.0
KA131	57 37 21	155 53 2	10.0	1.0	1.00	1.00	1,000	N	N	N	10	500	<1.0
KA132	57 37 29	155 54 0	10.0	1.5	1.50	1.00	1,000	N	N	N	20	500	<1.0
KA133	57 37 56	155 54 5	7.0	1.0	1.00	.70	700	<.5	N	N	20	1,000	<1.0
KA134	57 39 16	155 56 52	10.0	1.5	1.50	1.00	700	N	N	N	20	500	<1.0
KA135	57 33 1	155 47 9	10.0	1.5	1.50	1.00	1,000	N	N	N	10	500	<1.0
KA136	57 34 18	155 48 44	7.0	1.0	1.00	.70	700	N	N	N	30	700	1.0
KA137	57 34 52	155 49 54	7.0	1.0	1.50	.70	1,000	N	N	N	20	700	1.0
KA138	57 33 11	155 54 5	7.0	1.5	1.50	.70	1,000	N	N	N	15	500	1.0
KA139	57 32 15	155 55 31	5.0	1.0	1.50	.50	500	N	N	N	20	500	<1.0
UG001	57 13 34	157 17 17	15.0	3.0	3.00	>1.00	3,000	N	N	N	10	700	<1.0
UG002	57 13 56	157 20 53	10.0	3.0	3.00	>1.00	3,000	N	N	N	10	700	1.0
UG003	57 13 59	157 22 50	10.0	3.0	3.00	>1.00	2,000	N	N	N	50	700	<1.0
UG004	57 16 41	157 24 13	15.0	2.0	3.00	>1.00	2,000	N	N	N	10	500	<1.0
UG005	57 5 31	157 23 49	5.0	1.5	.70	1.00	1,500	N	N	N	100	500	1.0
UG006	57 8 20	157 26 47	7.0	1.5	1.50	>1.00	1,500	N	N	N	15	700	1.0
UG007	57 8 18	157 27 17	15.0	3.0	2.00	>1.00	2,000	N	N	N	10	700	<1.0
UG008	57 9 24	157 29 35	10.0	2.0	1.50	>1.00	2,000	N	N	N	10	700	1.0
UG009	57 10 46	157 31 49	10.0	2.0	2.00	>1.00	1,500	N	N	N	20	500	1.0
UG010	57 10 53	157 34 2	15.0	3.0	2.00	>1.00	>5,000	N	N	N	10	500	1.0
UG011	57 9 24	157 35 49	10.0	2.0	2.00	>1.00	2,000	N	N	N	20	700	1.0
UG012	57 8 26	157 36 36	15.0	5.0	3.00	>1.00	1,500	N	N	N	20	500	<1.0
UG013	57 7 59	157 33 0	5.0	2.0	2.00	>1.00	1,500	N	N	N	15	700	1.0
UG014	57 6 36	157 35 17	10.0	1.5	1.50	>1.00	2,000	N	N	N	15	1,000	1.0
UG015	57 7 32	157 33 7	5.0	2.0	2.00	>1.00	2,000	N	N	N	15	700	1.0
UG016	57 7 10	157 32 9	10.0	2.0	2.00	>1.00	2,000	N	N	N	20	1,000	1.0
UG017	57 6 29	157 32 35	10.0	1.5	2.00	>1.00	2,000	N	N	N	15	700	1.0
UG018	57 6 16	157 29 33	15.0	2.0	1.50	>1.00	1,500	N	N	N	20	1,000	1.0
UG019	57 5 17	157 29 35	5.0	1.0	.50	1.00	2,000	<.5	N	N	50	1,000	1.0
UG020	57 4 10	157 28 3	15.0	2.0	2.00	1.00	2,000	N	N	N	700	700	<1.0
UG021	57 3 20	157 28 35	10.0	2.0	1.00	1.00	1,500	<.5	N	N	50	700	<1.0
UG022	57 7 38	157 38 46	15.0	5.0	3.00	>1.00	1,500	N	N	N	10	500	<1.0
UG023	57 6 18	157 39 48	15.0	3.0	2.00	>1.00	2,000	N	N	N	10	700	<1.0
UG024	57 6 3	157 37 28	15.0	3.0	3.00	>1.00	2,000	N	N	N	10	700	<1.0
UG025	57 4 10	157 37 21	15.0	2.0	2.00	>1.00	1,500	N	N	N	10	500	<1.0
UG026	57 4 0	157 36 58	5.0	1.0	1.00	.70	700	N	N	N	10	700	1.0
UG027	57 4 9	157 35 35	3.0	.7	.70	.70	500	N	N	N	15	500	1.0
UG028	57 2 51	157 34 21	5.0	1.5	.70	1.00	1,000	N	N	N	30	700	1.0
UG029	57 2 23	157 34 39	10.0	2.0	1.00	1.00	700	N	N	N	30	700	1.0
UG030	57 0 55	157 32 40	10.0	.7	.50	1.00	1,500	N	N	N	10	500	1.0
UG031	57 1 39	157 29 44	5.0	1.0	.70	1.00	1,000	N	N	N	200	500	1.0

Table 2 - Stream Sediments--continued

Sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN
KA126	<10	N	20	100	50	N	N	<20	30	10	N	30	N
KA127	N	N	30	70	50	20	N	<20	30	10	N	50	N
KA128	N	N	50	150	50	<20	N	<20	30	15	N	70	N
KA129	N	N	30	100	50	<20	N	N	30	20	N	70	N
KA130	N	N	30	150	70	N	N	N	50	15	N	50	N
KA131	N	N	30	70	30	N	N	N	20	10	N	50	N
KA132	N	N	30	70	50	20	N	<20	30	15	N	50	N
KA133	N	N	20	70	30	N	N	N	30	10	N	30	N
KA134	N	N	30	150	30	<20	N	<20	30	10	N	70	N
KA135	N	N	30	100	30	<20	N	N	30	<10	N	70	N
KA136	<10	N	20	70	50	20	N	<20	30	10	N	50	N
KA137	N	N	30	70	30	<20	N	N	20	10	N	50	N
KA138	N	N	30	70	30	<20	N	N	20	10	N	50	N
KA139	N	N	20	70	30	20	N	N	20	10	N	50	N
UG001	N	N	20	200	50	N	N	N	50	15	N	70	N
UG002	N	N	15	100	30	<20	N	N	50	10	N	50	N
UG003	N	N	10	50	20	N	N	N	20	10	N	70	N
UG004	N	N	20	100	30	N	N	N	70	10	N	50	N
UG005	N	N	15	200	100	<20	N	N	150	10	N	30	N
UG006	N	N	10	30	30	20	N	<20	20	10	N	30	N
UG007	N	N	15	50	150	N	N	N	20	15	N	50	N
UG008	N	N	10	50	30	N	N	<20	30	10	N	50	N
UG009	N	N	15	100	70	N	N	N	100	<10	N	30	N
UG010	N	N	20	150	50	N	N	N	150	<10	N	50	N
UG011	N	N	15	70	30	N	N	<20	70	<10	N	50	N
UG012	N	N	50	300	100	N	N	N	200	<10	N	70	N
UG013	N	N	15	150	100	N	N	N	100	10	N	50	N
UG014	N	N	10	20	20	N	N	N	15	10	N	30	N
UG015	N	N	7	50	30	N	N	N	30	10	N	30	N
UG016	N	N	7	20	50	N	N	N	10	15	N	30	N
UG017	N	N	7	20	20	N	N	N	10	10	N	30	N
UG018	N	N	15	70	100	<20	N	N	30	10	N	50	N
UG019	N	N	10	50	50	N	N	<20	50	20	N	20	N
UG020	N	N	70	70	300	20	N	N	100	20	N	30	N
UG021	N	N	50	70	200	N	N	N	100	30	N	30	N
UG022	N	N	50	300	150	N	N	N	300	10	N	50	N
UG023	N	N	15	100	50	N	N	<20	70	15	N	50	N
UG024	N	N	15	70	50	N	N	N	70	10	N	70	N
UG025	N	N	15	30	70	N	N	N	20	10	N	50	N
UG026	N	N	7	15	15	N	N	N	10	10	N	30	N
UG027	N	N	7	10	10	N	N	N	10	<10	N	20	N
UG028	N	N	10	20	70	N	N	N	30	10	N	30	N
UG029	N	N	15	50	70	20	N	<20	50	20	N	50	N
UG030	N	N	20	50	150	N	N	N	100	10	N	30	N
UG031	N	N	10	150	100	N	N	N	50	<10	N	30	N

Table 2 - Stream Sediments--continued

Sample	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	S-TH	AA-CU-P	AA-PB-P	AA-ZN-P
KA126	3,000	200	N	20	<200	150	N	50	30	85
KA127	5,000	300	N	30	<200	200	N	40	20	70
KA128	3,000	700	N	30	200	200	N	40	20	65
KA129	5,000	300	N	30	<200	150	N	60	20	65
KA130	3,000	300	N	20	<200	100	N	60	20	70
KA131	5,000	500	N	20	200	300	N	30	20	65
KA132	5,000	500	N	30	200	150	N	35	15	65
KA133	7,000	300	N	30	<200	100	N	45	20	70
KA134	5,000	700	N	30	<200	300	N	35	15	50
KA135	5,000	500	N	30	<200	150	N	25	15	55
KA136	5,000	200	N	20	N	100	N	50	20	60
KA137	5,000	300	N	30	<200	100	N	35	15	60
KA138	5,000	300	N	30	<200	100	N	30	15	55
KA139	3,000	200	N	20	N	70	N	50	20	70
UG001	500	1,000	N	50	<200	100	N	10	15	60
UG002	500	700	N	50	<200	100	N	10	15	65
UG003	500	500	N	50	<200	150	N	5	10	45
UG004	500	700	N	50	<200	100	N	10	10	60
UG005	100	300	N	30	<200	100	N	50	20	95
UG006	300	300	N	50	<200	200	N	25	25	80
UG007	500	1,000	N	50	<200	100	N	25	25	80
UG008	500	300	N	50	<200	150	N	15	20	65
UG009	500	500	N	30	<200	100	N	20	15	45
UG010	500	700	N	30	<200	70	N	15	15	60
UG011	500	500	N	50	<200	150	N	15	15	70
UG012	500	700	N	30	<200	100	N	20	20	50
UG013	500	500	N	30	<200	100	N	20	20	70
UG014	300	500	N	50	<200	100	N	15	20	85
UG015	500	200	N	50	<200	150	N	20	20	75
UG016	500	200	N	50	<200	150	N	15	25	75
UG017	500	300	N	50	<200	150	N	15	15	60
UG018	500	700	N	70	<200	200	N	20	25	95
UG019	150	200	N	30	500	200	N	40	45	240
UG020	300	500	N	50	<200	150	N	75	25	95
UG021	200	300	N	50	200	100	N	80	35	160
UG022	700	700	N	70	N	150	N	20	20	50
UG023	700	500	N	50	<200	150	N	15	15	55
UG024	500	1,000	N	20	<200	100	N	15	15	65
UG025	200	700	N	20	<200	150	N	15	15	60
UG026	300	300	N	20	<200	200	N	15	20	85
UG027	200	100	N	20	<200	100	N	20	25	90
UG028	150	300	N	20	<200	300	N	25	25	100
UG029	200	500	N	50	N	500	N	25	30	95
UG030	100	300	N	30	<200	100	N	60	20	120
UG031	100	300	N	20	<200	200	N	40	20	70

Table 2 - Stream Sediments--continued

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA	S-BE
UG032	57 2 12	157 30 30	5.0	1.5	.70	1.00	1,000	N	N	N	50	700	1.0
UG033	57 7 21	157 41 24	15.0	3.0	3.00	>1.00	2,000	N	N	N	<10	300	<1.0
UG034	57 7 38	157 43 41	10.0	1.5	1.50	1.00	2,000	N	N	N	10	500	1.0
UG035	57 6 31	157 45 54	15.0	3.0	1.50	>1.00	1,500	N	N	N	10	500	<1.0
UG036	57 6 9	157 45 54	3.0	1.5	1.00	1.00	700	N	N	N	10	500	1.0
UG037	57 4 16	157 46 16	5.0	2.0	2.00	>1.00	1,000	N	N	N	10	300	1.0
UG038	57 4 6	157 41 48	3.0	1.5	1.50	1.00	1,500	N	N	N	15	500	1.0
UG039	57 3 34	157 43 21	10.0	2.0	1.50	>1.00	2,000	N	N	N	10	700	<1.0
UG040	57 3 53	157 43 37	10.0	1.5	1.00	>1.00	1,500	N	N	N	10	700	<1.0
UG041	57 1 59	157 45 22	15.0	2.0	2.00	>1.00	3,000	N	N	N	10	500	<1.0
UG042	57 1 33	157 43 43	7.0	2.0	1.50	>1.00	2,000	N	N	N	15	700	1.0
UG043	57 1 5	157 43 54	3.0	.7	.50	.70	700	N	N	N	20	500	1.5
UG044	57 1 0	157 41 19	5.0	1.5	1.00	>1.00	2,000	N	N	N	30	700	1.0
UG045	57 1 14	157 40 23	15.0	2.0	1.50	>1.00	1,500	N	N	N	10	500	<1.0
UG046	57 0 41	157 38 14	2.0	1.0	1.00	.70	1,000	N	N	N	10	700	1.0
UG047	57 0 53	157 38 3	5.0	1.5	1.50	>1.00	1,500	N	N	N	10	700	1.0
UG048	57 7 32	157 51 13	10.0	3.0	3.00	>1.00	5,000	N	N	N	10	700	<1.0
UG049	57 5 55	157 49 39	15.0	5.0	3.00	>1.00	2,000	N	N	N	<10	500	<1.0
UG050	57 3 1	157 49 3	>20.0	3.0	3.00	>1.00	3,000	N	N	N	<10	700	<1.0
UG051	57 0 40	157 51 13	>20.0	5.0	2.00	>1.00	2,000	N	N	N	<10	500	<1.0
UG052	57 0 56	157 52 10	10.0	2.0	1.00	>1.00	1,500	N	N	N	100	1,000	1.0
UG053	57 0 49	157 54 18	10.0	2.0	1.00	1.00	1,500	N	N	N	200	700	1.0
UG054	57 0 38	157 59 26	7.0	1.5	1.00	1.00	1,000	N	N	N	70	700	1.0
UG055	57 1 27	157 58 43	5.0	1.5	.70	>1.00	700	N	N	N	70	500	1.0
UG056	57 2 57	157 59 47	>20.0	5.0	3.00	>1.00	3,000	N	N	N	<10	500	N
UG059	57 2 46	157 21 59	15.0	3.0	2.00	>1.00	2,000	N	N	N	20	700	<1.0
UG060	57 1 29	157 23 13	10.0	2.0	2.00	>1.00	2,000	N	N	N	15	700	1.0
UG061	57 1 34	157 23 5	15.0	2.0	2.00	>1.00	1,500	N	N	N	10	700	<1.0
UG062	57 1 20	157 22 12	>20.0	3.0	3.00	>1.00	2,000	N	N	N	10	300	<1.0
UG063	57 1 16	157 21 42	10.0	2.0	2.00	1.00	2,000	N	N	N	10	500	<1.0
UG064	57 1 55	157 21 28	5.0	2.0	1.00	1.00	1,000	N	N	N	10	700	1.0
UG065	57 2 53	157 18 21	5.0	1.5	1.00	.70	1,500	N	N	N	100	700	1.0
UG066	57 2 14	157 17 9	20.0	3.0	1.00	>1.00	>5,000	N	N	N	300	1,500	<1.0
UG067	57 2 25	157 16 57	10.0	2.0	2.00	1.00	3,000	N	N	N	50	700	<1.0
UG068	57 2 47	157 17 39	7.0	2.0	1.50	.70	2,000	<.5	N	N	50	700	1.0
UG069	57 5 6	157 18 13	10.0	2.0	1.00	1.00	2,000	N	N	N	70	700	<1.0
UG070	57 6 0	157 16 21	5.0	2.0	1.50	.70	3,000	<.5	N	N	50	700	<1.0
UG071	57 6 43	157 14 44	7.0	2.0	1.50	1.00	2,000	N	N	N	70	700	<1.0
UG072	57 6 53	157 14 55	5.0	1.5	1.00	.70	1,500	N	N	N	30	700	1.0
UG073	57 8 6	157 18 25	7.0	1.5	1.00	1.00	2,000	N	N	N	50	700	1.0
UG074	57 9 20	157 19 49	10.0	1.5	1.50	1.00	1,000	N	N	N	15	1,000	1.0
UG075	57 10 54	157 18 2	15.0	2.0	2.00	>1.00	2,000	N	N	N	20	700	<1.0
UG076	57 10 51	157 15 27	10.0	1.5	1.50	>1.00	1,500	N	N	N	20	1,000	1.0
UG077	57 10 8	157 14 18	5.0	1.5	1.00	1.00	1,000	N	N	N	30	700	1.0
UG078	57 8 51	157 12 8	3.0	1.0	.70	.70	1,500	N	N	N	50	700	<1.0

Table 2 - Stream Sediments--continued

Sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN
UG032	N	N	10	30	70	30	N	<20	50	10	N	30	N
UG033	N	N	20	150	50	N	N	N	150	<10	N	70	N
UG034	N	N	7	20	15	N	N	N	20	10	N	30	N
UG035	N	N	20	70	50	N	N	N	100	15	N	50	N
UG036	N	N	7	20	15	N	N	N	30	N	N	20	N
UG037	N	N	15	100	70	N	N	N	70	<10	N	50	N
UG038	N	N	5	10	20	N	N	N	5	<10	N	30	N
UG039	N	N	10	20	70	N	N	N	10	15	N	30	N
UG040	N	N	20	20	200	N	N	N	15	10	N	50	N
UG041	N	N	20	50	50	N	N	<20	20	15	N	50	N
UG042	N	N	10	15	30	N	N	N	10	10	N	30	N
UG043	N	N	7	20	15	<20	N	N	20	<10	N	20	N
UG044	N	N	10	30	70	<20	N	<20	30	15	N	30	N
UG045	N	N	15	20	50	N	N	<20	15	1[illegible]	N	50	N
UG046	N	N	5	15	15	<20	N	N	10	<10	N	20	N
UG047	N	N	7	20	15	N	N	N	20	10	N	30	N
UG048	N	N	10	30	50	N	<5	N	15	<10	N	50	N
UG049	N	N	30	100	30	N	N	N	50	10	N	70	N
UG050	N	N	30	50	30	N	N	N	150	10	N	70	N
UG051	N	N	100	150	100	N	N	N	100	<10	N	70	N
UG052	N	N	20	100	150	30	7	<20	50	20	N	50	N
UG053	N	N	50	100	150	<20	N	<20	150	15	N	50	N
UG054	N	N	10	100	100	N	N	N	100	10	N	20	N
UG055	N	N	7	100	70	N	N	N	70	15	N	20	N
UG056	N	N	100	70	100	N	N	N	150	10	N	70	N
UG059	N	N	20	50	70	N	N	N	70	15	N	70	N
UG060	N	N	10	20	20	N	N	N	20	<10	N	30	N
UG061	N	N	15	30	30	N	N	<20	20	10	N	50	N
UG062	N	N	100	70	150	N	N	N	200	<10	N	70	N
UG063	N	N	10	20	30	N	N	N	20	<10	N	50	N
UG064	N	N	10	30	70	<20	N	N	30	15	N	30	N
UG065	N	N	15	100	70	N	N	N	100	<10	N	20	N
UG066	N	N	100	200	300	20	N	<20	200	500	N	50	N
UG067	N	N	20	50	200	N	N	N	30	50	N	50	N
UG068	N	N	10	50	150	N	N	N	70	50	N	30	N
UG069	N	N	7	50	100	N	N	N	50	15	N	20	N
UG070	N	N	10	50	150	N	N	N	50	20	N	30	N
UG071	N	N	10	50	100	N	N	N	70	15	N	20	N
UG072	N	N	7	100	20	N	N	N	50	<10	N	20	N
UG073	N	N	10	200	50	N	N	N	70	<10	N	20	N
UG074	N	N	7	30	15	N	N	N	15	10	N	30	N
UG075	N	N	15	100	50	N	N	N	70	10	N	30	N
UG076	N	N	15	20	50	N	N	N	20	15	N	30	N
UG077	N	N	10	150	30	<20	N	N	30	<10	N	30	N
UG078	N	N	7	30	30	N	N	N	50	N	N	20	N

Table 2 - Stream Sediments--continued

Sample	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	S-TH	AA-CU-P	AA-PB-P	AA-ZN-P
UG032	200	200	N	50	<200	150	N	35	25	95
UG033	500	700	N	30	<200	50	N	20	20	40
UG034	200	200	N	50	N	100	N	10	15	50
UG035	300	700	N	30	N	70	N	15	15	55
UG036	200	200	N	20	N	100	N	25	25	65
UG037	500	500	N	30	<200	100	N	25	20	50
UG038	300	150	N	50	<200	150	N	15	15	40
UG039	300	300	N	50	<200	100	N	15	20	55
UG040	500	500	N	30	<200	100	N	70	30	90
UG041	200	100	N	30	<200	70	N	15	15	60
UG042	300	300	N	30	<200	100	N	15	20	55
UG043	200	200	N	30	<200	150	N	20	25	90
UG044	300	300	N	50	<200	150	N	20	20	70
UG045	200	1,000	N	50	N	150	N	<5	10	15
UG046	300	150	N	30	<200	100	N	15	25	80
UG047	200	300	N	30	<200	100	N	15	25	90
UG048	500	1,000	N	50	200	70	N	10	10	35
UG049	300	1,000	N	30	200	50	N	10	10	45
UG050	300	2,000	N	50	300	70	N	10	15	60
UG051	200	3,000	N	30	200	70	N	10	10	35
UG052	300	1,000	N	50	200	200	N	50	30	120
UG053	200	700	N	50	<200	300	N	70	25	110
UG054	150	300	N	30	<200	150	N	35	20	75
UG055	150	300	N	20	N	150	N	35	20	80
UG056	150	5,000	N	30	<200	50	N	10	10	35
UG059	100	1,500	N	50	<200	100	N	20	15	55
UG060	300	500	N	50	<200	150	N	15	20	55
UG061	300	1,000	N	50	<200	300	N	15	20	65
UG062	300	3,000	N	30	<200	70	N	20	15	45
UG063	300	500	N	50	<200	100	N	10	10	30
UG064	300	300	N	30	<200	150	N	30	25	80
UG065	100	200	N	20	N	200	N	35	25	80
UG066	100	2,000	N	50	1,000	300	N	60	200	600
UG067	300	500	N	30	200	150	N	80	40	160
UG068	500	300	N	30	700	200	N	65	45	340
UG069	150	300	N	20	N	100	N	40	25	100
UG070	200	200	N	30	200	100	N	55	35	150
UG071	200	500	N	20	<200	200	N	40	30	110
UG072	200	200	N	20	<200	100	N	15	20	45
UG073	150	300	N	30	<200	200	N	30	20	65
UG074	300	200	N	30	N	100	N	20	30	95
UG075	500	700	N	30	<200	500	N	20	20	60
UG076	200	300	N	50	N	150	N	25	25	80
UG077	200	200	N	50	N	1,000	N	35	25	75
UG078	150	200	N	20	N	100	N	25	5	55

Table 2 - Stream Sediments--continued

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA	S-BE
UG079	57 8 37	157 9 37	5.0	1.5	.70	.70	700	N	N	N	100	700	<1.0
UG080	57 7 38	157 9 28	3.0	1.5	1.00	.70	1,000	N	N	N	50	500	<1.0
UG081	57 7 23	157 9 43	10.0	2.0	1.00	1.00	1,500	N	N	N	70	700	<1.0
UG083	57 6 20	157 9 19	5.0	2.0	1.50	1.00	2,000	N	N	N	50	700	<1.0
UG084	57 6 38	157 10 23	10.0	2.0	1.50	1.00	1,500	N	N	N	70	700	<1.0
UG085	57 7 54	157 11 25	10.0	1.5	.70	1.00	1,000	N	N	N	70	500	<1.0
UG082	57 6 12	157 9 34	15.0	1.5	.50	.70	1,500	1.0	N	N	150	1,000	1.0
UG086	57 9 34	157 10 12	7.0	1.5	.70	1.00	1,000	N	N	N	100	500	<1.0
UG087	57 9 35	157 7 14	10.0	2.0	.70	1.00	1,000	N	N	N	70	700	<1.0
UG088	57 8 36	157 5 58	15.0	3.0	2.00	>1.00	3,000	N	N	N	20	500	<1.0
UG089	57 6 41	157 5 41	15.0	2.0	2.00	1.00	1,500	N	N	N	15	500	<1.0
UG090	57 6 0	157 6 25	7.0	1.5	1.00	1.00	1,500	N	N	N	100	700	1.0
UG091	57 6 2	157 6 6	15.0	1.5	1.50	>1.00	3,000	1.0	N	N	20	1,500	<1.0
UG092	57 6 12	157 5 51	3.0	1.5	.50	.70	2,000	1.0	N	N	150	2,000	1.5
UG093	57 7 47	157 5 0	15.0	3.0	3.00	>1.00	2,000	N	N	N	10	500	<1.0
UG094	57 8 59	157 5 9	15.0	3.0	3.00	1.00	2,000	N	N	N	10	300	<1.0
UG095	57 10 43	157 3 48	15.0	5.0	3.00	>1.00	2,000	N	N	N	10	300	<1.0
UG096	57 10 35	157 2 25	5.0	3.0	3.00	1.00	1,500	N	N	N	10	300	<1.0
UG097	57 10 46	157 0 43	10.0	3.0	3.00	>1.00	2,000	N	N	N	15	300	<1.0
UG098	57 15 36	157 14 3	15.0	3.0	3.00	>1.00	2,000	N	N	N	<10	300	<1.0
UG099	57 14 21	157 14 57	15.0	3.0	3.00	>1.00	2,000	N	N	N	10	500	<1.0
UG100	57 17 47	157 15 59	10.0	3.0	3.00	>1.00	2,000	N	N	N	10	700	1.0
UG101	57 18 16	157 14 14	15.0	3.0	2.00	>1.00	1,500	N	N	N	10	500	1.0
UG102	57 17 11	157 10 32	10.0	2.0	2.00	>1.00	1,500	N	N	N	15	500	<1.0
UG103	57 16 47	157 9 16	10.0	3.0	2.00	>1.00	1,000	N	N	N	20	500	<1.0
UG104	57 15 11	157 9 22	15.0	2.0	2.00	>1.00	1,500	N	N	N	10	300	<1.0
UG105	57 14 29	157 11 18	15.0	3.0	3.00	>1.00	1,500	N	N	N	10	700	<1.0
UG106	57 13 57	157 6 49	10.0	2.0	2.00	>1.00	1,500	N	N	N	30	700	1.0
UG107	57 15 17	157 6 20	15.0	3.0	1.50	>1.00	2,000	.7	N	N	50	500	<1.0
UG108	57 15 48	157 6 2	15.0	3.0	2.00	>1.00	1,000	<.5	N	N	20	500	1.0
UG109	57 16 34	157 2 50	10.0	2.0	2.00	1.00	2,000	.5	N	N	30	500	1.0
UG110	57 14 46	157 0 39	7.0	1.5	1.50	1.00	1,000	N	N	N	20	500	1.0
UG111	57 14 39	157 1 5	15.0	2.0	2.00	>1.00	1,500	N	N	N	20	700	<1.0
UG112	57 14 46	156 57 41	10.0	1.5	1.50	1.00	1,500	N	N	N	50	700	1.0
UG113	57 12 59	156 56 54	15.0	2.0	2.00	1.00	1,500	N	N	N	70	700	<1.0
UG114	57 12 53	156 56 39	7.0	2.0	2.00	1.00	2,000	N	N	N	15	500	<1.0
UG115	57 11 25	156 57 23	5.0	2.0	2.00	1.00	1,500	N	N	N	20	500	1.0
UG116	57 10 24	156 56 22	10.0	3.0	2.00	>1.00	2,000	N	N	N	30	700	<1.0
UG117	57 10 16	156 56 3	15.0	5.0	3.00	>1.00	2,000	N	N	N	10	300	<1.0
UG118	57 11 54	156 54 41	10.0	2.0	3.00	1.00	1,500	N	N	N	200	300	<1.0
UG119	57 14 13	156 55 49	5.0	1.5	1.50	1.00	1,500	N	N	N	20	500	1.0
UG120	57 24 46	156 55 26	15.0	2.0	2.00	>1.00	3,000	N	N	N	<10	300	<1.0
UG121	57 25 13	156 55 14	10.0	2.0	1.50	>1.00	2,000	N	N	N	10	500	1.0
UG122	57 25 35	156 59 11	15.0	1.5	2.00	>1.00	2,000	N	N	N	<10	500	1.0
UG123	57 25 47	156 59 34	10.0	1.5	1.50	>1.00	1,500	N	N	N	30	500	1.0

Table 2 - Stream Sediments--continued

Sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN
UG079	N	N	10	100	100	N	N	N	70	<10	N	20	N
UG080	N	N	10	50	30	N	N	N	50	N	N	30	N
UG081	N	N	15	100	100	N	N	N	150	<10	N	30	N
UG082	N	N	20	30	150	N	N	N	100	<10	N	20	N
UG084	N	N	15	50	100	N	N	N	70	10	N	30	N
UG085	N	N	10	50	30	N	N	N	50	N	N	20	N
UG086	N	N	20	100	200	N	N	N	100	20	N	30	N
UG087	N	N	15	150	70	N	N	N	100	<10	N	30	N
UG088	N	N	15	150	150	N	N	N	100	10	N	30	N
UG089	N	N	30	50	100	N	N	<20	30	10	N	50	N
UG090	N	N	10	20	30	N	N	N	10	10	N	30	N
UG091	N	N	10	70	150	N	N	N	50	15	N	20	N
UG092	N	N	20	100	200	N	7	<20	30	30	N	50	N
UG093	N	N	7	30	70	N	<5	<20	30	15	N	20	N
UG094	N	N	20	30	50	N	N	N	20	<10	N	30	N
UG095	N	N	30	50	50	N	N	N	20	<10	N	50	N
UG096	N	N	20	30	50	N	N	N	20	10	N	50	N
UG097	N	N	15	30	50	N	N	N	15	<10	N	50	N
UG098	N	N	30	50	70	N	N	N	20	<10	N	70	N
UG099	N	N	30	150	50	N	N	N	50	10	N	50	N
UG100	N	N	30	70	30	N	N	N	30	15	N	70	N
UG101	N	N	20	50	50	N	N	<20	30	15	N	70	N
UG102	N	N	20	70	50	N	N	<20	20	15	N	70	N
UG103	N	N	15	100	30	N	N	N	30	15	N	30	N
UG104	N	N	15	100	70	N	N	N	50	20	N	30	N
UG105	N	N	15	150	50	N	N	<20	50	20	N	50	N
UG106	N	N	30	200	50	N	N	N	50	20	N	50	N
UG107	N	N	15	70	100	<20	N	<20	30	20	N	50	N
UG108	N	N	20	70	300	N	5	N	30	50	N	30	N
UG109	N	N	50	100	500	50	7	N	70	20	N	50	N
UG110	N	N	10	100	150	<20	7	N	30	100	N	30	N
UG111	N	N	7	50	100	<20	N	N	30	10	N	30	N
UG112	N	N	20	150	150	30	<5	<20	50	30	N	50	N
UG113	N	N	10	100	70	N	N	N	50	20	N	30	N
UG114	N	N	15	150	50	<20	N	<20	100	10	N	30	N
UG115	N	N	7	100	15	20	N	N	50	<10	N	20	N
UG116	N	N	7	100	20	N	N	N	50	<10	N	20	N
UG117	N	N	15	100	100	20	N	N	70	10	N	50	N
UG118	N	N	30	200	100	N	N	N	30	<10	N	70	N
UG119	N	N	10	70	70	30	N	N	50	<10	N	20	N
UG120	N	N	7	50	20	N	N	N	30	10	N	20	N
UG121	N	N	10	100	50	N	N	N	20	10	N	20	N
UG122	N	N	10	70	50	N	N	<20	50	10	N	30	N
UG123	N	N	10	70	50	N	N	<20	30	10	N	20	N
				50	30	N	N	N	30	10	N	30	N

Table 2 - Stream Sediments--continued

Sample	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	S-TH	AA-CU-P	AA-PB-P	AA-ZN-P
UG079	150	300	N	30	<200	100	N	30	15	70
UG080	150	200	N	30	<200	200	N	25	15	55
UG081	150	500	N	30	<200	100	N	30	20	65
UG083	300	300	N	30	<200	200	N	50	20	130
UG084	500	500	N	30	<200	70	N	45	20	90
UG085	150	500	N	20	<200	100	N	30	20	70
UG086	100	500	N	50	300	100	N	90	40	220
UG087	150	700	N	30	<200	150	N	35	20	75
UG088	500	2,000	N	20	<200	200	N	30	20	70
UG089	500	1,000	N	30	<200	100	N	20	15	55
UG090	200	300	N	30	<200	70	N	15	10	25
UG091	200	2,000	N	50	700	100	N	50	30	90
UG092	100	200	N	30	<200	300	N	65	55	320
UG093	500	700	N	20	<200	70	N	30	35	120
UG094	500	1,000	N	30	<200	70	N	15	10	20
UG095	200	1,500	N	20	<200	70	N	10	10	25
UG096	500	500	N	30	<200	50	N	10	10	25
UG097	300	1,000	N	30	<200	70	N	10	10	15
UG098	300	2,000	N	30	300	100	N	10	10	15
UG099	500	1,500	N	50	200	70	N	15	20	55
UG100	500	700	N	50	<200	200	N	10	15	65
UG101	300	700	N	50	<200	150	N	15	20	70
UG102	300	500	N	30	<200	100	N	15	10	60
UG103	200	700	N	30	N	200	N	20	15	55
UG104	300	700	N	30	<200	150	N	25	15	55
UG105	500	1,000	N	50	<200	100	N	20	15	55
UG106	500	500	N	50	<200	70	N	15	15	50
UG107	300	700	N	30	500	150	N	35	25	70
UG108	500	700	N	50	<200	70	N	140	65	200
UG109	200	200	N	30	200	100	N	260	30	80
UG110	300	200	N	30	<200	100	N	65	95	160
UG111	500	1,000	N	70	200	150	N	50	25	90
UG112	300	300	N	30	<200	100	N	40	30	130
UG113	500	500	N	30	N	100	N	40	35	120
UG114	300	200	N	30	N	200	N	25	15	55
UG115	200	200	N	20	N	50	N	5	5	10
UG116	500	500	N	30	N	100	N	5	5	15
UG117	300	1,000	N	50	<200	70	N	25	10	50
UG118	200	300	N	20	N	70	N	25	10	25
UG119	200	200	N	30	N	70	N	10	5	15
UG120	200	700	N	30	<200	700	N	15	15	45
UG121	300	300	N	50	<200	100	N	25	10	40
UG122	500	500	N	70	<200	70	N	30	20	40
UG123	300	300	N	30	N	70	N	20	10	30
								20	10	45

Table 2 - Stream Sediments--continued

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA	S-BE
UG124	57 27 24	156 55 16	20.0	3.0	3.00	>1.00	3,000	N	N	N	10	500	<1.0
UG125	57 27 4	156 53 45	10.0	1.5	2.00	>1.00	2,000	N	N	N	10	500	<1.0
UG126	57 26 52	156 50 19	15.0	3.0	2.00	>1.00	2,000	N	N	N	10	500	<1.0
UG127	57 25 26	156 50 52	10.0	2.0	1.50	.70	2,000	N	N	N	20	700	<1.0
UG128	57 24 41	156 51 18	10.0	2.0	2.00	1.00	1,500	N	N	N	15	700	1.0
UG129	57 23 43	156 53 0	15.0	1.5	3.00	>1.00	2,000	N	N	N	10	500	<1.0
UG130	57 22 35	156 54 53	15.0	1.0	2.00	>1.00	2,000	N	N	N	<10	500	<1.0
UG131	57 21 23	156 57 36	15.0	2.0	2.00	>1.00	3,000	N	N	N	10	300	<1.0
UG161	57 22 34	156 39 50	15.0	3.0	3.00	>1.00	1,500	N	N	N	20	500	<1.0
UG132	57 21 1	156 59 3	15.0	1.5	3.00	>1.00	3,000	N	N	N	10	500	<1.0
UG133	57 20 56	157 0 34	15.0	2.0	2.00	>1.00	2,000	N	N	N	30	500	<1.0
UG134	57 21 6	157 2 5	20.0	2.0	2.00	>1.00	1,500	N	N	N	10	500	<1.0
UG135	57 21 20	157 4 56	15.0	2.0	2.00	>1.00	2,000	N	N	N	10	500	<1.0
UG136	57 22 54	157 5 17	>20.0	2.0	1.50	>1.00	3,000	N	N	N	<10	500	<1.0
UG137	57 23 57	157 7 42	15.0	2.0	2.00	>1.00	1,500	N	N	N	15	500	<1.0
UG138	57 24 34	157 8 9	10.0	2.0	3.00	>1.00	1,500	N	N	N	20	500	1.0
UG139	57 25 50	157 9 15	15.0	3.0	2.00	>1.00	5,000	N	N	N	10	500	<1.0
UG140	57 26 42	157 11 37	10.0	1.5	2.00	>1.00	5,000	N	N	N	15	500	1.0
UG141	57 25 23	157 11 39	15.0	3.0	3.00	>1.00	2,000	N	N	N	10	500	<1.0
UG142	57 29 31	157 9 5	15.0	2.0	2.00	>1.00	2,000	N	N	N	10	300	1.0
UG143	57 27 31	157 6 15	20.0	3.0	3.00	>1.00	2,000	N	N	N	10	300	<1.0
UG144	57 27 59	157 7 24	15.0	3.0	2.00	>1.00	1,500	N	N	N	10	500	<1.0
UG145	57 25 6	157 3 25	15.0	2.0	2.00	>1.00	3,000	N	N	N	15	500	<1.0
UG146	57 25 22	157 3 6	10.0	1.5	2.00	1.00	1,500	N	N	N	10	300	1.0
UG147	57 27 48	157 2 3	15.0	2.0	3.00	>1.00	1,500	N	N	N	30	500	<1.0
UG148	57 28 2	157 3 53	15.0	2.0	2.00	>1.00	3,000	N	N	N	10	500	1.0
UG149	57 29 52	156 42 59	15.0	2.0	2.00	>1.00	2,000	N	N	N	10	500	<1.0
UG150	57 28 53	156 43 44	10.0	2.0	2.00	1.00	1,000	N	N	N	20	700	1.0
UG151	57 26 54	156 38 54	10.0	2.0	2.00	.70	1,500	N	N	N	20	500	1.0
UG152	57 26 19	156 37 30	>20.0	2.0	1.50	>1.00	5,000	N	N	N	<10	300	<1.0
UG153	57 24 24	156 31 17	10.0	3.0	3.00	>1.00	1,000	N	N	N	50	700	<1.0
UG154	57 24 34	156 31 29	10.0	2.0	3.00	>1.00	1,500	N	N	N	15	300	<1.0
UG155	57 25 36	156 37 26	10.0	3.0	2.00	1.00	1,000	N	N	N	30	500	1.0
UG156	57 26 23	156 40 56	10.0	2.0	2.00	1.00	1,500	N	N	N	10	500	1.0
UG157	57 24 14	156 36 25	20.0	1.5	2.00	>1.00	3,000	N	N	N	10	500	<1.0
UG158	57 23 2	156 34 46	15.0	2.0	2.00	>1.00	1,500	N	N	N	15	500	<1.0
UG159	57 25 12	156 42 19	15.0	3.0	2.00	>1.00	2,000	N	N	N	15	500	1.0
UG160	57 23 13	156 34 38	15.0	3.0	3.00	>1.00	2,000	N	N	N	20	500	<1.0
UG162	57 21 6	156 37 6	20.0	3.0	2.00	>1.00	2,000	N	N	N	20	500	<1.0
UG163	57 20 51	156 37 21	20.0	2.0	2.00	>1.00	1,500	N	N	N	15	500	<1.0
UG164	57 21 24	156 38 10	15.0	2.0	2.00	>1.00	2,000	N	N	N	10	500	<1.0
UG165	57 22 9	156 42 29	10.0	2.0	2.00	1.00	2,000	N	N	N	20	500	1.0
UG166	57 3 19	157 13 9	15.0	2.0	.70	.70	500	.7	N	N	10	500	1.0
UG167	57 3 9	157 13 13	15.0	1.5	.70	.70	500	.5	N	N	50	700	1.0
UG168	57 2 54	157 12 27	15.0	3.0	3.00	>1.00	2,000	N	N	N	30	500	1.0

Table 2 - Stream Sediments--continued

Sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN
UG124	N	N	20	150	150	50	N	<20	100	10	N	50	N
UG125	N	N	7	100	38	<20	N	N	30	<10	N	20	N
UG126	N	N	10	50	50	N	N	N	30	10	N	30	N
UG127	N	N	7	50	30	N	N	N	30	10	N	20	N
UG128	N	N	10	70	20	N	N	N	50	10	N	30	N
UG129	N	N	10	50	50	N	N	<20	20	15	N	30	N
UG130	N	N	7	70	20	20	N	N	15	N	N	20	N
UG161	N	N	7	100	50	N	N	N	30	10	N	20	N
UG131	N	N	20	150	100	N	N	N	100	10	N	50	N
UG132	N	N	10	100	30	N	N	N	30	10	N	30	N
UG133	N	N	15	200	70	100	N	<20	50	<10	N	50	N
UG134	N	N	10	70	30	N	N	<20	30	15	N	30	N
UG135	N	N	15	100	30	N	N	<20	30	10	N	50	N
UG136	N	N	20	150	70	N	N	<20	30	10	N	50	N
UG137	N	N	10	70	15	N	N	N	20	10	N	30	N
UG138	N	N	15	100	15	N	N	N	20	15	N	50	N
UG139	N	N	20	70	20	N	N	<20	20	10	N	50	N
UG140	N	N	10	30	15	N	N	N	20	10	N	30	N
UG141	N	N	20	200	15	70	N	<20	20	15	N	70	N
UG142	N	N	15	50	10	N	N	N	20	10	N	50	N
UG143	N	N	20	100	15	N	N	<20	30	10	N	70	N
UG144	N	N	20	70	20	N	N	<20	30	10	N	30	N
UG145	N	N	15	150	50	<20	N	<20	50	15	N	50	N
UG146	N	N	10	100	15	N	N	N	20	10	N	30	N
UG147	N	N	15	70	50	N	N	N	30	15	N	50	N
UG148	N	N	20	70	50	N	N	<20	50	<10	N	50	N
UG149	N	N	10	300	20	N	N	<20	50	<10	N	20	N
UG150	N	N	10	50	70	20	N	<20	50	10	N	20	N
UG151	N	N	10	100	50	N	N	N	70	10	N	20	N
UG152	N	N	30	300	100	50	N	<20	70	10	N	20	N
UG153	N	N	10	150	200	N	N	N	100	10	N	30	N
UG154	N	N	10	70	70	N	N	N	50	<10	N	20	N
UG155	N	N	15	100	150	50	N	N	70	10	N	30	N
UG156	N	N	10	50	30	N	N	N	30	<10	N	20	N
UG157	N	N	15	150	30	N	N	<20	30	<10	N	30	N
UG158	N	N	10	100	70	<20	N	<20	50	10	N	30	N
UG159	N	N	15	70	30	50	N	<20	50	10	N	50	N
UG160	N	N	20	100	70	N	N	N	100	10	N	30	N
UG162	N	N	30	100	200	N	N	20	100	15	N	50	N
UG163	N	N	20	200	200	N	N	N	70	10	N	50	N
UG164	N	N	10	100	50	N	N	<20	30	10	N	20	N
UG165	N	N	10	70	70	N	N	N	50	10	N	30	N
UG166	N	N	<5	70	300	<20	150	N	20	30	N	20	N
UG167	N	N	7	50	200	N	7	N	30	20	N	20	N
UG168	N	N	50	100	150	N	N	N	70	20	N	50	N

Table 2 - Stream Sediments--continued

Sample	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	S-TH	AA-CU-P	AA-PB-P	AA-ZN-P
UG124	200	1,000	N	50	<200	300	N	50	10	45
UG125	300	300	N	30	N	500	N	25	10	30
UG126	300	700	N	30	<200	70	N	30	10	45
UG127	700	200	N	20	N	200	N	25	10	45
UG12[illegible]	700	200	N	30	N	70	N	20	10	45
UG[illegible]29	500	700	N	50	<200	150	N	20	10	40
UG130	300	700	N	30	<200	>1,000	N	20	10	30
UG131	300	700	N	30	N	70	N	20	10	40
UG16[illegible]	500	1,000	N	30	<200	50	N	50	15	70
UG132	500	500	N	50	<200	1,000	N	25	10	35
UG133	300	700	N	50	<200	1,000	N	35	10	45
UG134	500	300	N	30	N	100	N	15	10	35
UG135	300	700	N	50	<200	200	N	20	10	45
UG136	300	1,500	N	70	200	300	N	20	10	45
UG137	500	500	N	30	<200	70	N	10	10	45
UG138	500	300	N	30	<200	70	N	10	10	50
UG139	300	700	N	50	<200	100	N	10	5	50
UG14[illegible]	300	200	N	30	<200	70	N	10	10	75
UG141	500	700	N	50	<200	300	N	5	5	35
UG142	500	500	N	50	<200	100	N	5	5	30
UG143	300	1,000	N	30	<200	150	N	5	10	40
UG144	500	500	N	50	N	200	N	15	5	40
UG145	500	500	N	30	<200	100	N	20	10	45
UG146	300	200	N	30	N	100	N	10	10	50
UG147	300	700	N	30	<200	150	N	10	10	45
UG148	300	500	N	30	<200	70	N	20	10	75
UG149	700	700	N	20	<200	50	N	15	5	35
UG150	500	300	N	20	<200	70	N	30	10	55
UG151	300	200	N	20	<200	100	N	35	10	50
UG152	200	2,000	N	70	<200	>1,000	N	35	10	55
UG153	500	500	N	20	N	70	N	70	20	80
UG154	500	500	N	20	<200	150	N	45	15	60
UG155	500	500	N	30	<200	70	N	50	15	65
UG156	300	300	N	20	<200	70	N	20	10	55
UG157	300	2,000	N	50	<200	>1,000	N	25	10	55
UG158	500	700	N	20	<200	150	N	30	15	60
UG159	500	700	N	30	<200	70	N	30	15	65
UG160	500	500	N	20	<200	200	N	45	15	60
UG162	500	1,000	N	30	<200	300	N	40	15	65
UG163	500	1,500	N	30	<200	70	N	55	20	80
UG164	500	700	N	50	<200	300	N	30	15	55
UG165	500	300	N	30	<200	200	N	30	15	65
UG166	200	200	N	30	N	70	N	100	40	85
UG167	150	200	N	20	N	100	N	80	25	55
UG168	300	700	N	30	<200	100	N	40	25	85

Table 2 - Stream Sediments--continued

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA	S-BE
UG169	57 3 7	157 11 27	10.0	2.0	.50	.50	3,000	1.0	N	N	50	700	1.5
UG170	57 2 40	157 11 19	15.0	3.0	5.00	>1.00	1,000	N	N	N	15	500	<1.0
UG171	57 3 20	157 8 38	10.0	1.0	.20	1.00	700	N	N	N	100	700	1.0
UG172	57 3 28	157 9 4	10.0	2.0	1.00	1.00	1,000	.5	N	N	10	1,000	1.0
UG173	57 1 52	157 7 58	15.0	1.5	1.50	1.00	5,000	10.0	200	N	50	700	1.0
UG174	57 1 58	157 3 21	15.0	2.0	3.00	>1.00	1,000	N	N	N	30	500	<1.0
UG175	57 1 40	157 4 39	15.0	1.5	.50	1.00	1,000	.7	N	N	50	1,500	1.5
UG176	57 1 59	157 4 35	15.0	1.0	.50	1.00	700	.5	N	N	50	1,500	1.0
UG177	57 1 20	157 5 20	20.0	.7	.50	1.00	2,000	1.0	N	N	30	1,500	1.0
UG178	57 0 14	157 3 3	5.0	1.5	.70	1.00	700	N	N	N	70	500	1.0
UG179	57 2 36	157 20 25	3.0	1.0	.50	.70	700	N	N	N	70	700	1.0
UG180	57 3 30	156 57 1	7.0	1.5	1.00	1.00	1,000	N	N	N	50	700	1.0
UG181	57 3 16	156 56 23	5.0	1.5	1.00	>1.00	1,500	N	N	N	50	700	1.5
UG182	57 2 4	156 56 11	20.0	3.0	3.00	>1.00	3,000	N	N	N	<10	300	<1.0
UG183	57 1 53	156 58 30	7.0	.7	.50	1.00	700	N	N	N	70	500	1.0
UG184	57 1 35	156 59 19	10.0	1.5	.70	>1.00	700	N	N	N	50	700	1.0
UG185	57 2 44	157 0 24	7.0	1.5	.50	1.00	1,000	N	N	N	70	500	1.0
UG186	57 3 1	157 1 13	10.0	1.5	.70	1.00	700	N	N	N	50	700	1.0
UG187	57 3 42	157 1 14	7.0	2.0	.70	1.00	1,000	N	N	N	100	500	1.0
UG188	57 3 27	157 1 25	5.0	1.5	.30	.70	1,000	N	N	N	70	700	1.0
UG189	57 1 55	156 59 30	10.0	2.0	1.00	1.00	1,000	N	N	N	70	700	1.5
UG190	57 0 36	156 58 40	10.0	2.0	1.50	>1.00	1,000	N	N	N	100	500	1.0
UG191	57 0 15	157 0 37	10.0	1.5	1.50	1.00	1,000	N	N	N	150	700	1.0
UG192	57 3 47	157 13 28	15.0	2.0	1.00	.70	1,000	N	N	N	10	500	1.0
UG193	57 3 52	157 13 13	15.0	2.0	1.50	.70	700	1.0	N	N	10	700	1.0
UG194	57 0 20	157 7 45	10.0	2.0	2.00	>1.00	2,000	N	N	N	50	500	<1.0
UG196	57 11 27	157 0 13	10.0	3.0	2.00	1.00	1,500	N	N	N	30	300	<1.0
UG197	57 11 43	157 0 2	10.0	2.0	2.00	.70	2,000	N	N	N	20	500	1.0
UG198	57 11 41	157 2 33	10.0	1.5	.70	1.00	1,000	N	N	N	30	700	1.0
UG199	57 12 5	157 4 50	10.0	2.0	1.50	1.00	1,500	N	N	N	20	700	1.0
UG200	57 12 33	157 6 6	15.0	3.0	2.00	>1.00	1,500	N	N	N	15	700	1.0
UG201	57 14 1	156 53 50	7.0	2.0	2.00	>1.00	1,500	N	N	N	30	500	<1.0
UG202	57 11 54	156 51 47	15.0	2.0	2.00	>1.00	2,000	N	N	N	50	300	1.0
UG203	57 9 18	156 51 49	10.0	2.0	3.00	1.00	2,000	N	N	N	70	300	1.0
UG204	57 9 43	156 51 31	5.0	1.5	2.00	.70	1,500	N	N	N	30	300	1.0
UG205	57 9 45	156 51 57	10.0	3.0	3.00	1.00	3,000	N	N	N	50	500	<1.0
UG206	57 10 16	156 51 8	7.0	1.5	3.00	1.00	1,500	N	N	N	50	500	<1.0
UG207	57 9 17	156 47 40	10.0	2.0	1.00	.70	1,000	N	N	N	500	700	1.0
UG208	57 9 25	156 47 6	10.0	2.0	2.00	1.00	1,000	N	N	N	150	1,000	1.0
UG209	57 10 24	156 48 33	15.0	3.0	2.00	>1.00	2,000	N	N	N	150	500	1.0
UG210	57 10 49	156 49 4	15.0	1.5	1.50	>1.00	700	N	N	N	300	1,000	<1.0
UG211	57 11 18	156 49 31	15.0	2.0	2.00	1.00	1,500	N	N	N	50	1,000	<1.0
UG212	57 12 42	156 50 17	10.0	3.0	3.00	1.00	1,500	N	N	N	30	500	<1.0
UG213	57 14 36	156 50 22	15.0	2.0	1.50	1.00	1,000	N	N	N	70	700	<1.0
UG214	57 13 57	156 52 11	15.0	2.0	2.00	>1.00	1,500	N	N	N	50	500	1.0

Table 2 - Stream Sediments--continued

Sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN
UG169	N	N	50	100	500	N	N	N	100	100	N	20	N
UG170	N	N	20	50	70	N	N	N	20	<10	N	30	N
UG171	N	N	15	100	150	N	N	N	100	15	N	30	N
UG172	N	N	20	100	200	<20	N	<20	70	20	N	30	N
UG173	N	N	50	70	700	<20	N	N	150	300	N	20	N
UG174	N	N	15	50	150	<20	N	N	15	10	N	50	N
UG175	N	N	70	50	1,000	20	<5	N	100	30	N	20	N
UG176	N	N	100	200	700	20	N	N	150	30	N	30	N
UG177	N	N	30	50	500	N	N	N	30	30	N	20	N
UG178	N	N	15	100	70	N	N	N	70	10	N	20	N
UG179	N	N	7	70	20	N	N	N	50	<10	N	15	N
UG180	N	N	10	70	150	30	N	N	70	10	N	20	N
UG181	N	N	10	70	30	N	N	N	20	10	N	30	N
UG182	N	N	30	100	200	<20	N	N	30	10	N	50	N
UG183	N	N	7	50	20	<20	N	N	30	<10	N	20	N
UG184	N	N	10	50	50	N	N	N	50	15	N	30	N
UG185	N	N	10	70	70	N	N	N	70	10	N	20	N
UG186	N	N	15	150	100	20	N	N	70	15	N	50	N
UG187	N	N	15	100	150	N	N	N	100	15	N	30	N
UG188	N	N	10	100	100	N	N	N	100	10	N	20	N
UG189	N	N	20	100	100	<20	N	N	70	20	N	30	N
UG190	N	N	15	150	100	20	N	N	100	15	N	30	N
UG191	N	N	15	70	70	<20	N	<20	70	15	N	50	N
UG192	N	N	5	100	200	N	20	<20	30	15	N	20	N
UG193	N	N	5	150	30	<20	10	N	30	50	N	30	N
UG194	N	N	15	50	70	N	N	<20	30	15	N	30	N
UG196	N	N	15	150	30	N	N	N	100	10	N	50	N
UG197	N	N	7	100	20	20	N	N	70	10	N	20	N
UG198	N	N	10	70	30	20	N	<20	50	15	N	30	N
UG199	N	N	15	100	20	<20	N	N	20	15	N	50	N
UG200	N	N	20	100	30	N	N	<20	20	20	N	70	N
UG201	N	N	10	50	15	70	N	N	20	10	N	30	N
UG202	N	N	15	50	20	N	<5	N	20	10	N	50	N
UG203	N	N	15	70	50	N	N	N	30	70	N	30	N
UG204	N	N	7	50	15	N	N	N	20	<10	N	20	N
UG205	N	N	20	70	30	N	N	<20	30	15	N	50	N
UG206	N	N	7	50	20	N	N	<20	30	<10	N	20	N
UG207	N	N	10	100	50	N	N	<20	50	15	N	30	N
UG208	N	N	10	100	100	N	N	N	50	10	N	30	N
UG209	N	N	30	70	70	N	N	N	70	15	N	50	N
UG210	N	N	20	100	200	N	7	<20	30	15	N	50	N
UG211	N	N	10	70	30	50	N	<20	30	<10	N	30	N
UG212	N	N	15	70	30	N	N	N	30	10	N	30	N
UG213	N	N	10	70	100	50	N	N	20	<10	N	20	N
UG214	N	N	15	70	70	<20	<5	<20	20	10	N	50	N

Table 2 - Stream Sediments--continued

Sample	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	S-TH	AA-CU-P	AA-PB-P	AA-ZN-P
UG169	200	200	N	50	700	100	N	190	75	440
UG170	500	700	N	50	<200	150	N	10	5	15
UG171	100	300	N	30	<200	300	N	35	15	80
UG172	300	300	N	50	200	100	N	55	25	200
UG173	200	300	N	50	5,000	300	N	400	340	2,400
UG174	500	700	N	50	N	300	N	40	5	35
UG175	300	200	N	50	300	300	N	500	60	240
UG176	300	200	N	50	200	>1,000	N	300	40	200
UG177	200	150	N	30	200	50	N	300	50	280
UG178	150	200	N	30	N	100	N	45	20	100
UG179	100	200	N	20	N	70	N	20	10	45
UG180	200	500	N	50	N	200	N	35	20	90
UG181	200	300	N	50	<200	200	N	20	15	75
UG182	300	3,000	N	70	200	150	N	65	10	60
UG183	<100	200	N	50	N	100	N	30	20	110
UG184	200	300	N	50	<200	150	N	30	20	95
UG185	200	200	N	30	N	150	N	40	20	75
UG186	100	300	N	50	<200	200	N	45	20	110
UG187	300	300	N	30	<200	100	N	40	15	85
UG188	150	200	N	20	<200	100	N	45	20	85
UG189	200	300	N	50	<200	300	N	30	20	90
UG190	500	500	N	30	<200	100	N	35	15	70
UG191	200	200	N	50	<200	150	N	30	20	95
UG192	300	200	N	20	N	70	N	90	20	50
UG193	200	200	N	30	<200	150	N	160	60	180
UG194	300	700	N	50	200	70	N	25	20	70
UG196	300	300	N	50	N	50	N	10	5	25
UG197	500	200	N	30	N	100	N	5	5	15
UG198	100	300	N	50	<200	100	N	30	25	95
UG199	500	300	N	50	<200	100	N	20	20	85
UG200	300	700	N	50	<200	100	N	15	15	60
UG201	300	200	N	30	<200	70	N	10	10	45
UG202	500	300	N	30	N	300	N	15	10	45
UG203	500	300	N	30	<200	70	N	10	15	35
UG204	500	150	N	30	N	100	N	5	5	15
UG205	500	700	N	30	<200	50	N	15	10	30
UG206	200	200	N	30	N	100	N	15	5	10
UG207	500	300	N	30	<200	150	N	30	15	65
UG208	500	300	N	30	<200	150	N	35	15	75
UG209	300	300	N	30	<200	200	N	50	15	90
UG210	300	500	N	50	<200	200	N	65	25	100
UG211	500	700	N	30	<200	150	N	15	10	35
UG212	500	500	N	30	N	70	N	10	5	25
UG213	500	700	N	30	N	200	N	20	10	65
UG214	300	700	N	50	N	200	N	15	10	45

Table 2 - Stream Sediments--continued

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA	S-BE
UG215	57 15 58	156 51 39	15.0	3.0	2.00	1.00	1,000	N	N	N	50	700	1.0
UG216	57 17 26	156 52 33	7.0	1.0	1.50	.70	1,500	N	N	N	30	500	1.0
UG217	57 17 31	156 49 1	15.0	3.0	2.00	.70	2,000	N	N	N	30	700	1.0
UG218	57 16 54	156 47 48	15.0	2.0	3.00	1.00	2,000	N	N	N	20	500	1.0
UG219	57 17 6	156 46 21	15.0	3.0	3.00	>1.00	2,000	N	N	N	50	500	1.0
UG220	57 16 42	156 44 31	15.0	3.0	2.00	>1.00	3,000	N	N	N	50	500	<1.0
UG221	57 16 52	156 43 31	10.0	1.5	2.00	>1.00	1,500	N	N	N	20	300	1.0
UG222	57 15 26	156 41 14	15.0	3.0	3.00	>1.00	1,500	N	N	N	50	700	1.0
UG223	57 14 4	156 40 1	15.0	1.5	1.00	.70	700	N	N	N	500	1,000	1.0
UG224	57 13 52	156 39 27	20.0	2.0	1.50	1.00	1,000	N	N	N	300	700	<1.0
UG225	57 15 32	156 39 51	15.0	3.0	1.00	1.00	1,000	N	N	N	200	700	<1.0
UG226	57 15 48	156 40 59	3.0	1.5	1.50	.70	700	N	N	N	100	300	<1.0
UG227	57 16 29	156 40 55	15.0	3.0	3.00	>1.00	1,500	N	N	N	30	500	<1.0
UG228	57 17 16	156 38 35	15.0	2.0	2.00	1.00	2,000	N	N	N	30	500	<1.0
UG229	57 16 44	156 41 33	15.0	2.0	1.50	>1.00	1,500	N	N	N	70	500	1.0
UG230	57 18 8	156 44 32	15.0	2.0	2.00	>1.00	5,000	N	N	N	20	500	1.0
UG231	57 19 1	156 45 56	10.0	2.0	2.00	1.00	3,000	N	N	N	50	300	1.0
UG232	57 21 2	156 46 24	15.0	2.0	2.00	1.00	1,500	N	N	N	100	500	<1.0
UG233	57 20 51	156 46 35	7.0	1.5	1.50	.70	1,500	N	N	N	30	500	1.0
UG234	57 19 21	156 43 13	10.0	2.0	2.00	1.00	1,500	N	N	N	50	700	<1.0
UG235	57 19 13	156 43 24	10.0	2.0	1.50	1.00	1,500	N	N	N	30	500	<1.0
UG236	57 21 24	156 44 7	5.0	2.0	1.50	.70	700	N	N	N	20	700	<1.0
UG237	57 20 37	156 41 54	20.0	2.0	2.00	>1.00	1,500	N	N	N	10	500	<1.0
UG238	57 19 44	156 39 3	15.0	2.0	2.00	1.00	1,000	N	N	N	50	500	<1.0
UG239	57 19 40	156 39 22	10.0	2.0	2.00	>1.00	700	N	N	N	100	300	1.0
UG240	57 57 43	156 7 2	7.0	2.0	3.00	.50	500	N	N	N	30	700	<1.0
UG241	57 56 14	156 5 39	5.0	3.0	5.00	.50	700	N	N	N	20	300	1.0
UG242	57 56 14	156 5 39	5.0	1.5	2.00	1.00	700	N	N	N	30	500	1.0
UG243	57 28 24	156 2 29	2.0	1.0	1.50	.50	500	N	N	N	50	500	1.0
UG244	57 28 38	156 2 32	2.0	1.5	1.50	.50	700	<.5	N	N	70	700	1.0
UG245	57 29 57	156 2 38	2.0	1.0	1.00	.30	500	<.5	N	N	200	500	1.0
UG246	57 31 1	156 3 46	3.0	1.5	1.50	1.00	1,000	N	N	N	30	700	1.0
UG247	57 31 13	156 4 58	5.0	1.0	1.00	.50	300	.5	N	N	500	300	<1.0
UG248	57 31 35	156 6 40	10.0	1.0	1.50	.70	500	N	N	N	70	300	<1.0
UG249	57 31 38	156 5 58	3.0	1.5	2.00	.30	500	N	N	N	30	300	1.0
UG250	57 31 42	156 4 12	3.0	1.5	1.50	.50	700	1.5	N	N	300	500	1.0
UG251	57 33 30	156 2 38	2.0	1.5	1.50	.50	500	N	N	N	70	500	1.0
UG252	57 32 53	156 2 23	7.0	1.5	2.00	.70	1,000	N	N	N	70	700	<1.0
UG253	57 33 37	156 5 18	5.0	2.0	2.00	.70	700	<.5	N	N	50	500	<1.0
UG254	57 34 3	156 3 19	3.0	1.0	1.00	.70	300	N	N	N	50	700	1.0
UG255	57 35 49	156 5 31	5.0	1.5	2.00	1.00	700	N	N	N	20	700	1.0
UG256	57 37 10	156 3 31	7.0	1.5	2.00	1.00	1,000	N	N	N	20	700	<1.0
UG257	57 38 54	156 2 53	7.0	1.0	1.00	>1.00	500	<.5	N	N	15	500	<1.0
UG258	57 40 16	156 0 47	5.0	2.0	2.00	1.00	700	<.5	N	N	20	700	<1.0
UG259	57 41 46	156 0 18	15.0	.7	1.50	>1.00	1,500	N	N	N	15	500	1.0

Table 2 - Stream Sediments--continued

Sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN
UG215	N	N	20	150	150	N	N	<20	100	15	N	30	N
UG216	N	N	7	70	15	30	N	N	30	<10	N	15	N
UG217	N	N	15	100	150	N	N	N	100	15	N	30	N
UG218	N	N	15	100	100	N	N	N	70	10	N	30	N
UG219	N	N	20	100	100	N	N	N	70	15	N	50	N
UG220	N	N	20	50	50	N	N	N	30	10	N	20	N
UG221	N	N	10	30	30	N	<5	N	20	10	N	20	N
UG222	N	N	20	100	150	N	N	<20	70	<10	N	50	N
UG223	N	N	15	30	100	N	5	N	30	10	N	20	N
UG224	N	N	100	70	150	N	N	<20	100	15	N	30	N
UG225	N	N	10	150	150	N	5	N	30	20	N	30	N
UG226	N	N	7	30	20	N	N	N	20	<10	N	20	N
UG227	N	N	15	100	100	N	N	<20	70	10	N	30	N
UG228	N	N	10	70	30	N	N	<20	50	10	N	20	N
UG229	N	N	15	70	70	N	N	N	50	15	N	30	N
UG230	N	N	15	30	15	N	N	<20	20	10	N	50	N
UG231	N	N	10	100	20	N	N	N	30	10	N	20	N
UG232	N	N	10	100	30	N	N	<20	50	10	N	20	N
UG233	N	N	10	50	30	N	N	N	30	10	N	20	N
UG234	N	N	10	100	70	N	N	N	50	15	N	20	N
UG235	N	N	10	150	50	30	N	N	50	10	N	30	N
UG236	N	N	7	100	70	N	N	N	50	15	N	20	N
UG237	N	N	20	150	150	70	N	<20	70	15	N	30	N
UG238	N	N	10	100	50	20	N	<20	50	15	N	30	N
UG239	N	N	10	70	50	70	N	N	70	10	N	30	N
UG240	N	N	20	100	50	N	N	N	50	30	N	30	N
UG241	N	N	30	70	50	<20	N	N	30	<10	N	50	N
UG242	N	N	20	50	30	<20	N	N	15	10	N	30	N
UG243	N	N	10	N	30	20	N	N	10	<10	N	20	N
UG244	N	N	30	50	70	<20	N	N	50	30	N	30	N
UG245	N	N	20	70	30	20	N	N	30	30	N	20	N
UG246	N	N	30	50	100	30	N	<20	20	100	N	50	N
UG247	N	N	30	50	50	30	10	N	15	100	N	30	N
UG248	N	N	30	70	70	<20	N	N	20	20	N	30	N
UG249	N	N	20	30	50	<20	5	N	10	20	N	30	N
UG250	N	N	50	100	100	20	N	N	50	50	N	30	N
UG251	N	N	30	100	50	<20	N	N	30	30	N	30	N
UG252	N	N	30	150	100	<20	N	N	70	20	N	30	N
UG253	N	N	20	100	50	N	15	N	20	20	N	30	N
UG254	N	N	30	70	70	20	N	N	30	10	N	30	N
UG255	N	N	30	100	30	20	N	<20	20	15	N	30	N
UG256	N	N	20	150	50	<20	N	<20	50	15	N	50	N
UG257	N	N	30	150	50	N	N	<20	30	10	N	30	N
UG258	N	N	30	150	30	N	N	<20	30	10	N	50	N
UG259	N	N	30	200	50	20	N	<20	15	10	N	50	N

Table 2 - Stream Sediments--continued

Sample	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	S-TH	AA-CU-P	AA-PB-P	AA-ZN-P
UG215	500	500	N	30	<200	150	N	45	15	85
UG216	200	200	N	30	N	700	N	10	10	25
UG217	500	500	N	50	<200	100	N	45	15	95
UG218	500	300	N	30	<200	150	N	35	15	55
UG219	500	500	N	50	<200	70	N	25	15	40
UG220	300	700	N	30	<200	200	N	20	10	45
UG221	300	300	N	30	<200	100	N	15	15	55
UG222	500	700	N	30	N	100	N	35	15	60
UG223	300	300	N	30	<200	200	N	35	30	130
UG224	500	500	N	30	N	500	N	40	20	55
UG225	500	500	N	30	N	150	N	40	20	65
UG226	300	200	N	20	<200	30	N	20	10	45
UG227	500	700	N	30	<200	70	N	50	20	70
UG228	500	500	N	30	<200	70	N	30	15	55
UG229	500	300	N	30	<200	200	N	35	15	65
UG230	300	500	N	70	<200	100	N	15	15	60
UG231	200	200	N	30	<200	100	N	10	5	20
UG232	500	300	N	30	N	20	N	25	10	45
UG233	500	200	N	20	<200	70	N	20	15	50
UG234	700	700	N	20	<200	70	N	30	15	60
UG235	500	300	N	30	<200	200	N	35	15	55
UG236	500	300	N	20	N	50	N	45	15	95
UG237	500	1,000	N	50	<200	300	N	40	15	65
UG238	500	300	N	30	<200	150	N	25	10	50
UG239	500	300	N	30	<200	70	N	40	15	65
UG240	300	300	N	20	N	100	N	30	15	65
UG241	500	300	N	20	<200	70	N	25	15	40
UG242	300	300	N	30	<200	200	N	50	15	65
UG243	300	150	N	20	N	150	N	30	15	70
UG244	500	200	N	20	<200	200	N	50	20	100
UG245	500	150	N	20	200	200	N	45	50	140
UG246	200	200	N	70	200	200	N	110	120	200
UG247	300	300	N	30	200	200	N	70	110	170
UG248	200	700	N	20	<200	100	N	75	20	40
UG249	300	300	N	30	N	100	N	60	15	35
UG250	300	300	N	30	300	100	N	90	35	180
UG251	500	200	N	30	200	150	N	45	25	140
UG252	300	500	N	30	<200	150	N	55	20	140
UG253	500	500	N	30	<200	100	N	50	15	40
UG254	300	200	N	30	N	200	N	45	10	75
UG255	700	300	N	30	N	200	N	30	10	50
UG256	700	700	N	20	N	300	N	30	10	50
UG257	300	500	N	20	<200	200	N	35	15	90
UG258	700	300	N	30	<200	150	N	30	10	60
UG259	700	700	N	30	<200	300	N	20	10	65

Table 2 - Stream Sediments--continued

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA	S-BE
UG260	57 37 56	156 0 36	5.0	1.5	1.50	.70	700	3.0	N	N	15	700	1.0
UG261	57 47 56	156 30 19	5.0	2.0	2.00	.70	2,000	N	N	N	15	500	<1.0
UG262	57 47 43	156 24 41	3.0	2.0	2.00	.70	1,000	N	N	N	20	300	<1.0
UG263	57 46 31	156 18 18	5.0	2.0	2.00	1.00	1,000	N	N	N	15	500	1.0
UG264	57 46 14	156 17 32	3.0	1.0	2.00	1.00	700	N	N	N	15	500	1.0
UG265	57 43 32	156 17 11	5.0	.7	1.00	>1.00	1,500	N	N	N	10	500	1.0
UG266	57 43 32	156 15 13	5.0	1.0	1.50	1.00	700	N	N	N	15	700	1.0
UG267	57 42 56	156 12 5	15.0	.5	1.00	>1.00	1,000	N	N	N	10	300	<1.0
UG268	57 42 38	156 7 41	2.0	1.0	1.50	.15	300	N	N	N	30	700	1.0
UG269	57 41 8	156 10 12	7.0	.5	1.00	>1.00	1,000	N	N	N	10	500	1.0
UG270	57 40 11	156 11 10	15.0	.7	1.50	>1.00	1,500	N	N	N	10	500	<1.0
UG271	57 38 44	156 13 14	2.0	1.5	2.00	.30	500	<.5	N	N	20	1,000	1.0
UG272	57 38 42	156 13 3	5.0	1.0	1.50	.70	700	N	N	N	20	500	1.0
UG273	57 38 16	156 9 18	2.0	1.0	1.00	.20	300	<.5	N	N	50	1,000	1.0
UG274	57 22 51	156 26 57	7.0	1.5	2.00	>1.00	700	N	N	N	10	500	1.0
UG275	57 25 9	156 26 48	10.0	1.5	2.00	>1.00	1,000	N	N	N	15	500	1.0
UG276	57 24 36	156 25 40	3.0	1.0	1.00	.50	700	N	N	N	30	1,000	1.0
UG277	57 24 37	156 23 46	7.0	1.5	1.50	1.00	1,000	<.5	N	N	20	1,000	1.0
UG278	57 25 13	156 20 36	3.0	1.0	1.50	.50	500	<.5	N	N	30	1,500	1.0
UG279	57 26 55	156 24 26	7.0	1.5	1.50	.70	1,000	N	N	N	20	700	1.0
UG280	57 24 32	156 24 3	3.0	1.5	2.00	.70	700	N	N	N	30	1,000	<1.0
UG281	57 26 36	156 21 58	3.0	1.0	1.50	.70	700	N	N	N	30	700	1.0
UG282	57 28 22	156 21 8	5.0	1.0	1.50	1.00	500	N	N	N	20	300	1.0
UG283	57 27 14	156 18 36	10.0	1.5	2.00	>1.00	1,000	N	N	N	10	300	1.0
UG284	57 26 46	156 14 45	7.0	2.0	2.00	>1.00	1,000	<.5	N	N	20	700	<1.0
UG285	57 27 58	156 14 25	3.0	1.0	1.50	1.00	500	N	N	N	20	300	<1.0
UG286	57 32 56	156 9 0	3.0	1.0	1.50	.50	500	N	N	N	50	300	1.0
UG287	57 33 51	156 3 2	3.0	1.5	1.50	.30	500	<.5	N	N	100	300	1.0
UG288	57 34 56	156 8 8	2.0	.7	1.00	.15	500	<.5	N	N	50	500	1.0
UG289	57 35 53	156 7 14	2.0	1.0	1.50	.20	300	N	N	N	30	500	1.0
UG290	57 40 53	156 22 20	2.0	.3	.70	.50	1,000	N	N	N	15	500	<1.0
UG291	57 32 3	156 37 21	5.0	1.0	1.50	1.00	1,000	N	N	N	10	500	1.0
UG292	57 32 5	156 33 44	5.0	1.0	1.50	1.00	700	N	N	N	20	300	<1.0
UG293	57 33 10	156 33 55	3.0	1.0	1.50	.70	700	N	N	N	30	300	<1.0
UG294	57 34 5	156 32 53	5.0	.5	1.00	1.00	1,000	N	N	N	10	300	1.0
UG295	57 36 0	156 31 37	5.0	1.0	1.00	>1.00	1,500	N	N	N	10	300	1.0
UG296	57 37 19	156 27 12	2.0	1.0	2.00	.70	700	N	N	N	30	300	1.0
UG297	57 36 37	156 23 4	5.0	.7	1.50	1.00	1,000	N	N	N	15	500	1.0
UG298	57 37 57	156 23 34	3.0	.7	1.50	.50	1,000	N	N	N	10	300	1.0
UG299	57 42 18	156 16 49	15.0	1.0	1.00	>1.00	1,500	N	N	N	10	300	<1.0
UG300	57 40 20	156 18 27	7.0	1.5	1.50	1.00	1,500	N	N	N	15	300	1.0
UG301	57 39 41	156 19 1	7.0	1.0	1.50	1.00	1,500	N	N	N	10	500	<1.0
UG302	57 37 58	156 17 0	15.0	1.0	1.00	>1.00	1,500	N	N	N	10	300	<1.0
UG303	57 34 37	156 12 28	3.0	.5	1.00	.50	50	N	N	N	20	300	<1.0
UG304	57 35 4	156 12 24	2.0	.5	.70	.20	500	N	N	N	20	300	1.0

Table 2 - Stream Sediments--continued

Sample	S-AI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN
UG260	N	N	20	50	30	N	N	N	15	10	N	20	N
UG261	N	N	30	200	20	N	N	N	50	10	N	30	N
UG262	N	N	20	100	20	<20	N	N	20	10	N	30	N
UG263	N	N	50	100	30	20	N	N	30	10	N	50	N
UG264	N	N	15	150	20	30	N	N	20	<10	N	20	N
UG265	N	N	15	500	20	30	N	N	15	10	N	30	N
UG266	N	N	20	200	30	<20	N	N	20	10	N	30	N
UG267	N	N	50	300	30	20	N	<20	20	10	N	30	N
UG268	N	N	7	50	30	<20	N	N	15	10	N	15	N
UG269	N	N	20	300	30	20	N	<20	15	10	N	30	N
UG270	N	N	20	200	30	20	N	<20	20	<10	N	30	N
UG271	N	N	20	100	50	<20	N	N	30	10	N	30	N
UG272	N	N	15	70	30	<20	N	N	20	10	N	20	N
UG273	N	N	15	100	30	<20	N	N	30	10	N	20	N
UG274	N	N	30	70	30	20	N	N	20	<10	N	50	N
UG275	N	N	50	150	70	20	N	<20	30	10	N	50	N
UG276	N	N	20	50	30	<20	N	N	30	10	N	30	N
UG277	N	N	30	70	50	20	N	<20	30	10	N	50	N
UG278	N	N	20	70	50	<20	N	N	30	10	N	30	N
UG279	N	N	30	100	50	30	N	N	50	10	N	50	N
UG280	N	N	30	100	70	20	N	N	30	10	N	50	N
UG281	N	N	20	70	30	<20	N	N	30	<10	N	30	N
UG282	N	N	30	70	50	50	N	N	30	<10	N	50	N
UG283	N	N	50	70	30	30	N	<20	20	10	N	50	N
UG284	N	N	30	150	100	N	N	N	30	15	N	50	N
UG285	N	N	15	50	30	20	N	N	20	<10	N	30	N
UG286	N	N	10	50	30	20	7	N	15	10	N	30	N
UG287	N	N	15	50	50	<20	15	N	20	50	N	20	N
UG288	N	N	20	50	30	<20	N	N	30	10	N	15	N
UG289	N	N	10	150	30	20	N	N	20	10	N	20	N
UG290	N	N	7	300	20	20	N	N	15	10	N	15	N
UG291	N	N	15	100	30	30	N	<20	20	10	N	20	N
UG292	N	N	20	100	30	<20	N	N	30	10	N	30	N
UG293	N	N	10	70	20	20	N	N	15	10	N	20	N
UG294	N	N	15	70	20	<20	N	<20	20	<10	N	15	N
UG295	N	N	20	100	15	<20	N	<20	20	<10	N	50	N
UG296	N	N	10	70	20	<20	N	N	20	10	N	20	N
UG297	N	N	15	100	20	30	N	N	20	10	N	30	N
UG298	N	N	10	100	20	<20	N	N	20	<10	N	15	N
UG299	N	N	30	500	30	20	N	<20	20	10	N	50	N
UG300	N	N	20	150	50	30	N	<20	30	10	N	50	N
UG301	N	N	20	150	30	30	N	<20	30	10	N	30	N
UG302	N	N	30	700	30	30	N	<20	30	<10	N	50	N
UG303	N	N	10	70	15	N	N	N	15	<10	N	15	N
UG304	N	N	7	30	20	N	N	N	15	<10	N	10	N

Table 2 - Stream Sediments--continued

Sample	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	S-TH	AA-CU-P	AA-PB-P	AA-ZN-P
UG260	1,000	300	N	20	<200	150	N	35	10	65
UG261	500	300	N	30	N	100	N	10	10	35
UG262	500	300	N	30	N	70	N	15	10	40
UG263	300	500	N	30	<200	100	N	10	10	35
UG264	700	200	N	20	N	100	N	25	10	45
UG265	300	200	N	30	N	500	N	20	5	30
UG266	700	300	N	30	<200	150	N	20	10	50
UG267	500	700	N	20	300	200	N	20	10	90
UG268	700	150	N	15	N	100	N	20	10	45
UG269	500	300	N	20	200	300	N	15	10	75
UG270	500	700	N	30	200	200	N	20	10	65
UG271	500	200	N	30	<200	100	N	20	10	65
UG272	700	200	N	20	N	100	N	15	10	55
UG273	300	150	N	20	N	70	N	30	10	95
UG274	300	300	N	30	200	100	N	20	10	75
UG275	200	500	N	30	200	150	N	30	15	90
UG276	300	200	N	30	N	100	N	35	15	70
UG277	500	300	N	30	<200	100	N	40	15	85
UG278	500	200	N	20	N	100	N	60	15	75
UG279	300	300	N	30	<200	150	N	55	15	65
UG280	500	200	N	30	N	100	N	65	20	80
UG281	500	200	N	20	<200	100	N	35	15	70
UG282	300	300	N	30	N	100	N	45	15	70
UG283	300	500	N	30	300	150	N	15	10	35
UG284	500	500	N	30	200	150	N	40	15	85
UG285	300	200	N	20	N	70	N	40	15	70
UG286	200	200	N	30	N	100	N	65	20	50
UG287	300	150	N	30	N	70	N	75	30	50
UG288	500	150	N	20	<200	100	N	40	15	70
UG289	300	150	N	20	N	70	N	30	15	50
UG290	300	150	N	20	N	200	N	20	10	40
UG291	500	300	N	20	N	500	N	25	10	45
UG292	500	300	N	20	N	300	N	35	10	55
UG293	500	200	N	20	N	150	N	25	15	50
UG294	300	200	N	30	<200	300	N	20	10	50
UG295	500	300	N	30	N	200	N	15	10	40
UG296	700	150	N	20	N	70	N	15	10	40
UG297	300	200	N	30	N	300	N	25	10	45
UG298	500	150	N	20	N	150	N	25	10	45
UG299	500	500	N	30	<200	500	N	25	10	75
UG300	500	300	N	30	<200	150	N	40	10	55
UG301	500	300	N	30	<200	300	N	30	10	50
UG302	500	700	N	20	300	300	N	20	10	70
UG303	500	150	N	15	N	100	N	10	10	25
UG304	500	100	N	10	N	150	N	10	10	25

Table 2 - Stream Sediments--continued

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA	S-BE
UG305	57 35 54	156 13 55	2.0	1.0	1.00	.30	500	N	N	N	20	900	1.0
UG306	57 35 48	156 13 59	1.5	.7	1.00	.30	500	N	N	N	15	500	<1.0
UG307	57 34 10	156 17 57	2.0	.7	1.00	.70	700	N	N	N	20	300	1.0
UG308	57 33 52	156 18 1	3.0	1.0	1.50	.70	1,000	N	N	N	20	300	1.0
UG309	57 34 52	156 19 5	5.0	.7	1.50	.70	500	N	N	N	10	300	1.0
UG310	57 34 54	156 20 43	10.0	1.0	1.00	1.00	1,500	N	N	N	10	300	<1.0
UG311	57 35 23	156 20 32	3.0	1.0	1.50	.30	700	N	N	N	15	500	1.0
UG312	57 33 55	156 22 16	7.0	1.0	1.00	1.00	1,000	N	N	N	15	300	<1.0
UG313	57 34 14	156 23 59	7.0	1.5	1.00	1.00	1,000	N	N	N	15	300	1.0
UG314	57 33 33	156 26 6	5.0	1.0	1.50	>1.00	700	N	N	N	10	300	1.0
UG315	57 33 11	156 27 14	3.0	.7	1.00	.70	500	N	N	N	10	300	1.0
UG316	57 41 30	156 48 33	5.0	1.0	1.50	.70	500	N	N	N	10	500	1.0
UG317	57 43 56	156 49 50	3.0	1.0	1.50	.20	500	.5	N	N	20	500	1.0
UG318	57 41 53	156 51 52	5.0	1.5	1.00	1.00	1,000	N	N	N	20	500	1.0
UG319	57 41 32	156 50 47	5.0	1.5	1.00	.70	700	N	N	N	20	500	1.0
UG320	57 34 56	156 42 37	5.0	1.5	1.50	.50	700	N	N	N	10	300	1.0
UG321	57 34 7	156 45 10	5.0	1.0	1.00	1.00	1,000	N	N	N	10	300	1.0
UG322	57 33 26	156 45 52	5.0	1.5	2.00	1.00	1,000	<.5	N	N	10	300	1.0
UG323	57 32 43	156 46 15	3.0	1.0	1.50	.15	700	<.5	N	N	30	500	1.0
UG324	57 31 51	156 42 25	3.0	.7	1.00	.20	500	N	N	N	20	500	1.0
UG325	57 32 43	156 42 30	5.0	1.0	1.00	.70	1,000	N	N	N	15	500	1.0
UG326	57 31 17	156 30 26	3.0	1.0	1.00	.50	700	N	N	N	20	300	1.0
UG327	57 30 31	156 29 29	5.0	.7	1.00	1.00	1,000	N	N	N	10	300	1.0
UG328	57 28 45	156 29 41	7.0	1.0	1.00	1.00	1,000	N	N	N	15	500	1.0
UG329	57 28 51	156 29 30	10.0	1.0	1.00	1.00	1,000	N	N	N	10	300	<1.0
UG330	57 29 59	156 33 37	5.0	1.0	1.50	1.00	1,000	N	N	N	15	500	1.0
UG331	57 29 12	156 34 12	10.0	.7	1.50	1.00	1,500	N	N	N	10	300	1.0
UG332	57 27 3	156 34 20	7.0	1.0	.70	.50	700	N	N	N	15	300	<1.0
UG333	57 27 40	156 35 43	15.0	.7	.70	1.00	1,000	N	N	N	10	300	<1.0
UG334	57 28 38	156 36 6	3.0	1.5	1.50	.20	700	N	N	N	20	300	1.0
UG335	57 29 23	156 36 51	7.0	1.0	1.50	1.00	1,000	N	N	N	15	300	<1.0
UG336	57 29 40	156 38 19	3.0	1.0	1.00	.15	700	N	N	N	20	300	1.0
UG337	57 35 24	156 0 49	5.0	1.0	1.00	.70	500	N	N	N	20	300	1.0
UG338	57 35 16	156 1 8	3.0	1.5	2.00	.70	500	<.5	N	N	20	500	<1.0
UG339	57 34 59	156 0 38	5.0	1.0	1.50	1.00	700	N	N	N	15	300	1.0
UG340	57 26 21	156 3 32	7.0	3.0	3.00	.50	1,000	N	N	N	20	300	<1.0
UG341	57 27 10	156 5 48	2.0	.7	.70	.50	500	N	N	N	30	500	1.0
UG342	57 28 44	156 5 35	2.0	1.0	1.50	.20	700	<.5	N	N	70	700	1.0
UG343	57 29 37	156 5 34	3.0	1.0	1.00	.20	700	<.5	N	N	300	300	1.0
UG344	57 29 31	156 5 49	2.0	1.0	1.50	.20	700	N	N	N	100	300	1.0
UG345	57 28 38	156 7 44	3.0	1.5	1.50	.20	700	N	N	N	50	500	1.0
UG346	57 29 8	156 10 24	2.0	1.0	1.00	.50	700	N	N	N	30	300	1.0
UG347	57 29 23	156 12 29	2.0	1.0	1.00	.50	700	N	N	N	20	300	1.0
UG348	57 30 55	156 15 19	3.0	1.0	1.50	.70	1,000	N	N	N	30	500	1.0
UG349	57 31 3	156 15 27	5.0	1.5	2.00	.70	1,000	N	N	N	20	300	1.0

Table 2 - Stream Sediments--continued

Sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN
UG305	N	N	10	70	30	N	N	N	20	<10	N	15	N
UG306	N	N	10	30	30	<20	N	N	20	<10	N	15	N
UG307	N	N	15	70	30	30	N	N	30	10	N	20	N
UG308	N	N	15	100	30	50	N	N	30	<10	N	20	N
UG309	N	N	10	150	30	<20	N	N	20	<10	N	20	N
UG310	N	N	20	100	20	20	N	<20	10	<10	N	30	N
UG311	N	N	10	100	30	<20	N	N	20	10	N	20	N
UG312	N	N	20	300	30	30	N	N	30	10	N	30	N
UG313	N	N	30	150	50	30	N	<20	50	10	N	30	N
UG314	N	N	30	100	30	50	N	<20	20	10	N	30	N
UG315	N	N	15	70	20	<20	N	N	15	<10	N	20	N
UG316	N	N	30	100	20	20	N	N	20	<10	N	30	N
UG317	N	N	10	50	10	<20	N	N	15	<10	N	20	N
UG318	N	N	20	300	15	50	N	N	30	10	N	50	N
UG319	N	N	20	70	15	<20	N	N	20	10	N	30	N
UG320	N	N	20	150	30	<20	N	N	30	10	N	50	N
UG321	N	N	30	150	30	20	N	<20	20	<10	N	30	N
UG322	N	N	30	300	30	20	N	<20	30	10	N	50	N
UG323	N	N	20	70	50	<20	N	N	30	10	N	30	N
UG324	N	N	10	100	30	<20	N	N	30	<10	N	20	N
UG325	N	N	10	50	20	<20	N	N	15	10	N	30	N
UG326	N	N	15	100	20	20	N	N	30	<10	N	20	N
UG327	N	N	20	50	30	<20	N	<20	15	10	N	30	N
UG328	N	N	20	100	30	20	N	<20	15	10	N	30	N
UG329	N	N	30	500	50	20	N	<20	30	10	N	50	N
UG330	N	N	20	70	30	<20	N	<20	15	10	N	30	N
UG331	N	N	30	100	20	30	N	<20	20	10	N	30	N
UG332	N	N	15	150	30	20	N	N	30	10	N	20	N
UG333	N	N	30	300	30	30	N	<20	30	10	N	30	N
UG334	N	N	15	100	50	30	N	N	50	10	N	20	N
UG335	N	N	20	300	30	20	N	<20	50	<10	N	30	N
UG336	N	N	10	70	30	<20	N	N	30	<10	N	20	N
UG337	N	N	20	50	30	<20	N	N	20	<10	N	30	N
UG338	N	N	20	100	50	N	N	N	30	10	N	50	N
UG339	N	N	30	50	20	<20	N	N	20	10	N	50	N
UG340	N	N	50	300	70	20	N	N	50	20	N	50	N
UG341	N	N	15	30	30	20	N	N	15	15	N	30	N
UG342	N	N	30	30	50	20	5	N	15	10	N	20	N
UG343	N	N	20	50	50	20	<5	N	20	30	N	30	N
UG344	N	N	30	70	30	20	N	N	30	10	N	20	N
UG345	N	N	30	100	30	30	N	N	50	15	N	30	N
UG346	N	N	20	150	20	<20	N	N	30	<10	N	30	N
UG347	N	N	15	150	30	20	N	N	20	10	N	30	N
UG348	N	N	20	50	30	20	N	N	20	10	N	30	N
UG349	N	N	30	150	30	20	N	<20	30	10	N	70	N

Table 2 - Stream Sediments--continued

Sample	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	S-TH	AA-CU-P	AA-PB-P	AA-ZN-P
UG305	500	150	N	20	N	150	N	30	15	60
UG306	500	100	N	20	N	150	N	20	10	35
UG307	500	150	N	20	N	100	N	30	10	50
UG308	500	200	N	20	<200	70	N	30	10	45
UG309	700	200	N	20	<200	100	N	25	10	60
UG310	500	500	N	20	<200	500	N	15	10	60
UG311	700	150	N	20	N	200	N	25	10	45
UG312	200	500	N	50	<200	150	N	35	10	40
UG313	300	300	N	30	<200	300	N	40	10	50
UG314	500	300	N	30	<200	300	N	20	10	45
UG315	300	200	N	30	N	700	N	20	10	50
UG316	500	300	N	30	200	100	N	10	10	50
UG317	500	150	N	20	N	150	N	5	5	30
UG318	300	200	N	30	<200	150	N	10	10	50
UG319	300	200	N	30	N	100	N	10	10	35
UG320	300	200	N	30	N	150	N	25	10	40
UG321	200	300	N	30	200	150	N	35	10	60
UG322	300	300	N	30	<200	70	N	30	10	40
UG323	300	150	N	30	N	100	N	45	10	60
UG324	500	150	N	20	N	150	N	30	10	40
UG325	500	200	N	20	<200	500	N	20	10	45
UG326	500	150	N	20	N	100	N	25	10	40
UG327	500	200	N	20	<200	200	N	20	10	50
UG328	500	300	N	30	<200	700	N	20	10	55
UG329	300	500	N	30	200	500	N	50	15	75
UG330	500	200	N	30	<200	150	N	25	10	50
UG331	200	300	N	50	<200	500	N	25	10	50
UG332	200	200	N	30	N	500	N	35	10	40
UG333	150	500	N	30	200	500	N	35	10	45
UG334	200	200	N	20	<200	100	N	45	10	45
UG335	200	500	N	30	<200	200	N	35	10	40
UG336	300	150	N	20	N	100	N	35	10	40
UG337	300	200	N	20	200	50	N	35	15	70
UG338	500	300	N	30	N	150	N	45	15	55
UG339	300	300	N	20	<200	150	N	35	15	80
UG340	300	500	N	30	<200	150	N	110	15	90
UG341	300	150	N	30	N	70	N	30	20	65
UG342	300	150	N	20	<200	100	N	90	20	90
UG343	300	200	<50	30	<200	150	N	65	30	100
UG344	300	150	N	20	<200	70	N	50	20	110
UG345	300	200	N	30	<200	100	N	60	20	80
UG346	200	150	N	20	N	150	N	40	20	80
UG347	300	200	N	20	<200	100	N	30	15	80
UG348	500	200	N	30	<200	200	N	30	10	60
UG349	300	300	N	50	<200	200	N	40	15	70

Table 2 - Stream Sediments--continued

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA	S-BE
UG350	57 31 9	156 16 31	3.0	1.0	1.50	.50	700	N	N	N	20	300	1.0
UG351	57 30 6	156 16 36	3.0	1.5	1.50	.50	700	N	N	N	20	500	1.0
UG352	57 28 29	156 21 30	7.0	1.5	1.50	1.00	1,000	N	N	N	15	500	1.0
UG353	57 25 56	156 19 23	7.0	1.5	1.50	1.00	1,000	N	N	N	15	500	<1.0
UG354	57 26 2	156 19 11	7.0	1.0	1.00	1.00	1,000	N	N	N	15	300	1.0
UG355	57 22 36	156 24 56	7.0	1.0	1.50	1.00	1,000	N	N	N	15	500	<1.0
UG356	57 21 38	156 30 7	1.0	1.0	1.50	.30	700	N	N	N	20	500	<1.0
UG357	57 21 20	156 30 11	2.0	1.0	.70	.50	700	N	N	N	20	500	1.0
UG358	57 21 32	156 28 40	1.0	1.0	.70	.30	300	N	N	N	30	500	1.0
UG359	57 20 2	156 30 53	1.0	1.0	.70	.20	300	N	N	N	50	500	1.0
UG360	57 19 3	156 33 10	1.0	1.0	.70	.20	300	N	N	N	50	500	1.0
UG361	57 18 42	156 33 48	1.5	.7	.50	.15	300	N	N	N	50	300	1.0
UG362	57 17 47	156 36 35	1.5	.7	1.00	.15	300	N	N	N	50	300	1.0
UG363	57 14 21	156 39 19	5.0	2.0	1.50	.70	700	<.5	N	N	100	500	1.0
UG364	57 14 57	156 37 14	3.0	1.5	3.00	.50	500	<.5	N	N	50	500	1.0
UG365	57 17 6	156 32 37	2.0	1.0	1.00	.50	300	N	N	N	70	300	1.0
UG366	57 17 7	156 30 51	2.0	1.0	1.00	.30	300	N	N	N	70	300	1.0
UG367	57 17 11	156 29 46	2.0	1.0	.50	.20	300	N	N	N	70	300	1.0
UG368	57 17 46	156 27 15	2.0	.7	.50	.30	300	N	N	N	100	300	1.0
UG369	57 17 36	156 22 31	3.0	1.5	1.50	.50	500	N	N	N	50	300	<1.0
UG370	57 17 14	156 22 35	2.0	.7	.50	.20	300	N	N	N	70	500	1.0
UG371	57 16 22	156 20 19	3.0	1.0	1.50	.50	700	N	N	N	20	300	1.0
UG372	57 15 25	156 22 28	2.0	.5	.50	.70	500	N	N	N	50	300	1.0
UG373	57 14 53	156 25 49	1.5	.7	1.00	.50	300	N	N	N	70	300	1.0
UG374	57 13 37	156 26 24	2.0	.7	1.50	.50	500	N	N	N	150	300	1.0
UG375	57 13 29	156 26 12	5.0	.7	1.00	.70	500	N	N	N	50	300	1.0
UG376	57 13 0	156 25 20	2.0	1.0	1.50	.30	500	N	N	N	70	500	1.0
UG377	57 11 56	156 22 42	3.0	1.5	.50	.50	500	N	N	N	50	300	1.0
UG378	57 10 25	156 20 11	2.0	.7	1.00	.50	700	N	N	N	30	300	1.0
UG379	57 10 48	156 23 24	3.0	.7	.30	.15	500	<.5	N	N	200	300	1.0
UG380	57 10 44	156 22 8	2.0	1.5	2.00	.20	500	N	N	N	50	300	<1.0
UG381	57 9 48	156 21 16	3.0	1.0	1.00	.30	1,000	<.5	200	N	150	500	1.0
UG382	57 8 47	156 22 13	1.5	.5	.70	.30	300	N	N	N	30	300	1.0
UG383	57 3 45	156 30 3	3.0	1.0	1.50	.50	700	N	N	N	30	500	1.0
UG384	57 2 56	156 32 53	1.5	.5	.70	.30	500	N	N	N	20	300	1.0
UG385	57 1 18	156 34 12	2.0	.7	1.00	.50	700	N	N	N	20	300	<1.0
UG386	57 2 47	156 36 50	5.0	1.5	1.00	.50	500	N	N	N	100	300	1.0
UG387	57 4 58	156 37 57	3.0	1.5	1.50	.15	500	N	N	N	20	500	1.0
UG388	57 5 23	156 37 57	3.0	1.5	1.00	.50	500	N	N	N	30	300	1.5
UG389	57 6 55	156 37 38	5.0	1.5	.30	.30	500	<.5	N	N	50	500	1.0
UG390	57 7 30	156 39 54	7.0	1.0	.50	>1.00	1,000	<.5	N	N	30	300	<1.0
UG391	57 7 20	156 39 54	2.0	1.0	.20	.20	300	N	N	N	100	500	1.0
UG392	57 8 32	156 37 45	5.0	1.5	1.00	.70	700	N	N	N	70	700	<1.0
UG393	57 8 34	156 37 23	3.0	1.0	.70	.20	300	<.5	N	N	50	700	1.0
UG394	57 8 56	156 36 30	5.0	1.0	.70	.70	700	N	N	N	150	500	<1.0

Table 2 - Stream Sediments--continued

Sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN
UG350	N	N	20	100	30	<20	N	N	30	10	N	20	N
UG351	N	N	20	100	30	<20	N	N	30	10	N	30	N
UG352	N	N	30	100	30	20	N	<20	30	10	N	50	N
UG353	N	N	50	150	30	<20	N	<20	30	10	N	70	N
UG354	N	N	30	100	30	20	N	<20	30	<10	N	50	N
UG355	N	N	30	70	30	20	N	<20	30	<10	N	50	N
UG356	N	N	20	70	30	<20	N	N	30	10	N	20	N
UG357	N	N	20	200	30	20	N	N	30	10	N	30	N
UG358	N	N	15	50	30	<20	N	N	30	10	N	20	N
UG359	N	N	10	150	30	<20	N	N	30	10	N	20	N
UG360	N	N	15	50	30	<20	N	N	30	10	N	20	N
UG361	N	N	10	50	20	<20	N	N	20	<10	N	15	N
UG362	N	N	10	50	20	<20	N	N	20	10	N	15	N
UG363	N	N	30	70	50	20	N	N	30	15	N	50	N
UG364	N	N	30	50	30	20	5	N	20	10	N	50	N
UG365	N	N	20	50	20	<20	N	N	15	10	N	30	N
UG366	N	N	15	50	30	<20	N	N	20	10	N	30	N
UG367	N	N	20	70	30	N	N	N	30	10	N	20	N
UG368	N	N	20	70	30	<20	N	N	20	10	N	30	N
UG369	N	N	20	70	30	<20	N	N	30	15	N	30	N
UG370	N	N	15	50	30	20	N	N	15	10	N	15	N
UG371	N	N	20	50	30	<20	N	N	15	10	N	20	N
UG372	N	N	15	50	30	20	N	N	20	10	N	15	N
UG373	N	N	10	50	20	<20	N	N	15	<10	N	20	N
UG374	N	N	15	50	50	<20	N	N	15	10	N	20	N
UG375	N	N	15	70	30	30	N	<20	15	10	N	30	N
UG376	N	N	20	70	30	<20	N	N	15	10	N	20	N
UG377	N	N	30	100	50	<20	N	N	50	30	N	30	N
UG378	N	N	20	30	20	<20	N	N	15	20	N	30	N
UG379	N	N	30	100	700	20	20	N	30	50	N	20	N
UG380	N	N	30	70	50	<20	<5	N	50	20	N	20	N
UG381	N	N	50	150	200	30	15	N	30	50	N	30	N
UG382	N	N	10	20	20	<20	5	N	5	20	N	20	N
UG383	N	N	20	30	30	<20	15	N	7	50	N	30	N
UG384	N	N	15	20	20	<20	<5	N	5	20	N	20	N
UG385	N	N	20	50	20	N	<5	N	10	10	N	30	N
UG386	N	N	30	70	50	30	15	N	20	20	N	30	N
UG387	N	N	20	50	50	20	N	N	15	20	N	30	N
UG388	N	N	20	50	30	20	20	N	15	20	N	30	N
UG389	N	N	30	50	50	20	<5	N	30	50	N	30	N
UG390	N	N	20	200	30	20	N	<20	30	15	N	50	N
UG391	N	N	20	150	30	30	N	N	50	10	N	20	N
UG392	N	N	30	70	100	20	N	<20	30	30	N	50	N
UG393	N	N	30	100	100	<20	15	N	50	20	N	30	N
UG394	N	N	20	70	30	<20	N	<20	20	<10	N	30	N

Table 2 - Stream Sediments--continued

Sample	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	S-TH	AA-CU-P	AA-PB-P	AA-ZN-P
UG350	300	200	N	20	N	100	N	40	15	60
UG351	300	200	N	20	<200	70	N	50	15	70
UG352	300	300	N	30	<200	300	N	45	15	75
UG353	500	500	N	30	<200	150	N	40	15	80
UG354	200	300	N	30	200	100	N	35	15	80
UG355	200	500	N	30	200	70	N	35	15	90
UG356	500	200	N	30	N	150	N	40	15	65
UG357	500	200	N	30	<200	70	N	40	15	85
UG358	300	150	N	20	<200	70	N	45	15	90
UG359	200	150	N	20	N	100	N	45	20	85
UG360	200	150	N	30	N	70	N	45	15	90
UG361	150	100	N	20	N	70	N	50	20	90
UG362	300	100	N	20	N	70	N	50	20	80
UG363	300	200	N	30	<200	200	N	3[illegible]	15	60
UG364	500	200	N	30	<200	100	N	[illegible]0	5	25
UG365	300	200	N	20	N	100	N	20	10	40
UG366	300	300	N	20	<200	100	N	45	15	60
UG367	200	200	N	20	<200	70	N	40	20	80
UG368	200	200	N	20	<200	200	N	40	15	85
UG369	300	200	N	30	<200	100	N	30	10	50
UG370	500	150	N	20	<200	150	N	30	15	65
UG371	300	300	N	30	<200	150	N	40	15	65
UG372	500	150	N	20	N	150	N	25	15	55
UG373	300	150	N	20	N	150	N	55	10	25
UG374	300	200	N	30	<200	100	N	50	10	40
UG375	300	500	N	30	N	100	N	40	15	35
UG376	300	150	N	30	N	100	N	35	15	50
UG377	200	200	N	30	<200	150	N	65	40	160
UG378	300	150	N	30	<200	70	N	20	20	65
UG379	300	150	N	20	N	100	N	740	55	100
UG380	300	200	N	20	<200	70	N	90	20	90
UG381	500	200	N	30	<200	70	N	90	45	110
UG382	200	150	N	20	N	150	N	30	25	60
UG383	300	200	N	30	<200	150	N	45	35	110
UG384	200	150	N	20	N	100	N	25	30	70
UG385	200	150	N	20	<200	100	N	30	15	50
UG386	300	200	N	30	<200	100	N	75	20	55
UG387	300	200	N	30	<200	200	N	65	15	50
UG388	500	200	N	30	<200	150	N	35	15	60
UG389	200	150	N	30	200	100	N	55	40	190
UG390	200	500	N	30	300	300	N	35	15	60
UG391	200	150	N	30	<200	150	N	40	20	85
UG392	300	300	N	30	<200	150	N	45	15	65
UG393	500	150	N	20	N	70	N	150	25	70
UG394	200	300	N	30	N	150	N	35	15	35

Table 2 - Stream Sediments--continued

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA	S-BE
UG395	57 7 44	156 36 15	10.0	3.0	1.50	1.00	1,500	<.5	N	N	15	200	<1.0
UG396	57 7 11	156 35 45	5.0	1.5	1.00	.70	700	N	N	N	100	300	1.0
UG397	57 5 51	156 35 38	3.0	1.0	1.00	.50	700	N	N	N	200	300	1.0
UG398	57 0 10	156 50 7	5.0	1.5	1.50	1.00	700	N	N	N	20	300	1.5
UG399	57 0 37	156 46 3	3.0	1.0	1.00	.50	500	N	N	N	30	500	1.5
UG400	57 1 16	156 47 0	3.0	1.0	1.50	.70	500	N	N	N	15	300	1.5
UG401	57 2 1	156 46 41	2.0	1.0	1.00	.50	300	N	N	N	20	300	1.0
UG402	57 3 42	156 50 34	3.0	1.0	.15	.30	300	1.5	N	N	50	1,500	1.5
UG403	57 4 51	156 53 47	5.0	1.0	1.00	1.00	500	N	N	N	30	300	<1.0
UG404	57 4 43	156 53 39	3.0	1.0	.50	.50	700	<.5	N	N	70	500	1.0
UG405	57 6 9	156 51 31	5.0	1.5	1.00	.50	500	N	N	N	70	500	1.0
UG406	57 6 5	156 51 54	3.0	1.0	1.00	.50	500	N	N	N	70	700	1.0
UG407	57 5 36	156 52 9	2.0	.7	.30	.20	300	N	N	N	50	300	1.0
UG408	57 4 10	156 49 23	3.0	1.5	.50	.70	500	N	N	N	30	300	1.0
UG409	57 3 35	156 47 11	3.0	1.5	1.00	.50	500	N	N	N	30	300	1.0
UG410	57 4 32	156 42 44	10.0	1.5	1.50	.70	1,000	N	N	N	15	300	<1.0
UG411	57 3 27	156 43 36	5.0	1.5	1.00	1.00	700	N	N	N	20	300	1.0
UG412	57 2 52	156 42 14	7.0	1.5	1.00	.70	700	N	N	N	20	300	<1.0
UG413	57 2 11	156 41 47	3.0	2.0	1.50	.50	500	N	N	N	30	300	1.0
UG414	57 0 13	156 38 32	3.0	1.5	1.00	.70	500	N	N	N	50	200	1.0
UG415	57 0 10	156 34 28	3.0	1.5	1.50	.50	700	N	N	N	20	300	1.0
UG416	57 6 11	156 32 14	3.0	1.5	2.00	.50	700	<.5	N	N	30	500	1.0
UG417	57 8 39	156 32 43	5.0	1.5	1.00	.70	1,000	<.5	N	N	100	500	1.0
UG418	57 7 54	156 32 47	7.0	2.0	1.50	1.00	1,000	N	N	N	100	500	1.0
UG419	57 7 13	156 31 59	3.0	1.5	1.50	.50	700	1.0	N	N	50	500	1.0
UG420	57 6 52	156 30 28	5.0	1.5	1.50	.70	700	.5	N	N	30	500	1.0
UG421	57 7 43	156 28 1	5.0	1.5	1.50	.70	1,000	N	N	N	50	500	<1.0
UG422	57 9 33	156 27 7	15.0	.5	.30	.70	700	N	N	N	150	300	<1.0
UG423	57 9 39	156 26 7	7.0	1.0	1.00	.70	700	N	N	N	70	500	1.0
UG424	57 9 2	156 25 52	3.0	1.0	.70	.50	1,000	<.5	N	N	100	300	1.0
UG425	57 47 54	156 51 18	3.0	1.5	2.00	.70	1,000	N	N	N	20	500	<1.0
UG426	57 53 10	157 17 26	3.0	1.5	1.50	.50	1,000	N	N	N	20	300	<1.0
UG427	57 48 28	157 30 41	2.0	1.0	1.00	.20	500	N	N	N	30	500	1.0
UG428	57 41 4	157 33 24	3.0	1.5	1.50	.50	500	N	N	N	30	500	1.0
UG429	57 31 46	157 46 26	3.0	2.0	2.00	1.00	1,000	N	N	N	20	300	<1.0
UG430	57 35 46	157 13 49	3.0	1.0	2.00	.30	700	N	N	N	30	300	1.0
UG431	57 11 48	157 0 25	2.0	1.0	.50	.50	300	N	N	N	30	300	<1.0
UG432	57 11 50	157 2 11	2.0	1.0	.30	.50	500	<.5	N	N	20	500	1.0
UG433	57 11 58	157 4 49	3.0	1.5	.70	.50	500	<.5	N	N	30	700	1.0
UG434	57 12 29	157 5 53	3.0	1.5	1.50	.70	1,000	N	N	N	20	700	1.0
UG435	57 13 53	157 6 51	2.0	1.5	1.00	.50	700	N	N	N	20	500	1.0
UG436	57 14 5	157 7 26	7.0	2.0	1.50	1.00	1,000	<.5	N	N	15	300	<1.0
UG437	57 13 42	157 8 3	3.0	1.5	1.00	.50	700	N	N	N	30	700	1.0
UG438	57 15 23	157 6 33	5.0	1.5	1.50	.70	1,500	1.0	N	N	30	700	1.0
UG439	57 14 36	157 3 58	5.0	2.0	1.50	.70	700	.7	N	N	30	500	1.5

Table 2 - Stream Sediments--continued

Sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN
UG395	N	N	50	100	30	<20	N	<20	30	<10	N	70	N
UG396	N	N	20	50	30	<20	N	<20	15	10	N	30	N
UG397	N	N	20	50	30	20	N	N	20	15	N	30	N
UG398	N	N	20	70	20	20	N	<20	20	10	N	50	N
UG399	N	N	15	50	30	<20	N	N	15	10	N	30	N
UG400	N	N	20	50	20	20	N	<20	15	10	N	30	N
UG401	N	N	15	70	15	<20	N	N	20	<10	N	30	N
UG402	N	N	30	30	50	20	7	N	20	70	N	20	N
UG403	N	N	30	70	30	<20	N	<20	20	10	N	50	N
UG404	N	N	20	50	30	20	N	N	30	50	N	30	N
UG405	N	N	15	100	30	30	N	N	30	20	N	30	N
UG406	N	N	20	70	30	20	N	N	30	10	N	30	N
UG407	N	N	15	70	30	<20	N	N	30	10	N	20	N
UG408	N	N	20	50	20	20	N	N	20	10	N	30	N
UG409	N	N	15	70	30	20	N	<20	15	15	N	30	N
UG410	N	N	30	200	30	<20	N	<20	20	20	N	50	N
UG411	N	N	20	70	30	20	N	<20	15	20	N	50	N
UG412	N	N	30	100	50	20	15	N	30	20	N	50	N
UG413	N	N	30	70	50	20	7	<20	30	20	N	50	N
UG414	N	N	20	100	50	<20	N	N	30	20	N	50	N
UG415	N	N	20	70	30	<20	N	N	30	20	N	50	N
UG416	N	N	20	30	30	20	20	N	15	20	N	50	N
UG417	N	N	30	70	70	30	7	<20	30	30	N	50	N
UG418	N	N	50	150	50	<20	7	<20	30	30	N	70	N
UG419	N	N	20	70	50	<20	7	<20	20	70	N	50	N
UG420	N	N	20	70	50	70	10	<20	15	100	N	50	N
UG421	N	N	30	100	30	30	10	<20	20	50	N	30	N
UG422	N	N	20	200	30	50	N	N	15	20	N	30	N
UG423	N	N	20	100	50	30	N	N	20	30	N	30	N
UG424	N	N	30	150	70	20	N	N	30	20	N	50	N
UG425	N	N	20	150	15	<20	N	N	20	10	N	30	N
UG426	N	N	20	100	10	<20	N	N	20	10	N	30	N
UG427	N	N	10	50	15	<20	N	N	15	10	N	20	N
UG428	N	N	15	70	20	20	N	N	20	15	N	30	N
UG429	N	N	30	200	30	20	N	N	30	<10	N	70	N
UG430	N	N	10	50	20	<20	N	N	10	10	N	30	N
UG431	N	N	15	100	20	20	N	N	30	<10	N	20	N
UG432	N	N	20	100	30	30	N	N	30	20	N	30	N
UG433	N	N	20	100	30	20	N	<20	20	30	N	50	N
UG434	N	N	20	70	30	<20	N	N	20	20	N	50	N
UG435	N	N	15	50	20	<20	N	N	15	15	N	30	N
UG436	N	20	30	100	30	<20	N	<20	20	15	N	70	N
UG437	N	N	20	150	30	<20	N	N	20	30	N	30	N
UG438	N	N	20	200	100	20	7	N	30	50	N	50	N
UG439	N	N	50	300	700	50	30	N	30	30	N	50	N

Table 2 - Stream Sediments--continued

Sample	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	S-TH	AA-CU-P	AA-PB-P	AA-ZN-P
UG395	200	700	N	30	200	100	N	15	10	30
UG396	200	300	N	20	<200	100	N	30	15	50
UG397	300	150	N	30	N	100	N	45	15	60
UG398	500	200	N	20	<200	150	N	25	15	60
UG399	200	150	N	20	N	100	N	25	15	70
UG400	700	150	N	20	N	100	N	10	10	35
UG401	500	150	N	20	N	100	N	20	15	55
UG402	200	100	N	20	200	100	N	65	110	250
UG403	200	200	N	20	<200	150	N	20	10	55
UG404	200	150	N	30	<200	100	N	30	35	100
UG405	300	200	N	30	<200	100	N	40	15	80
UG406	200	200	N	30	<200	150	N	40	15	90
UG407	150	150	N	20	N	100	N	30	15	75
UG408	200	200	N	20	N	150	N	30	15	55
UG409	500	200	N	20	N	100	N	25	15	60
UG410	300	700	N	30	N	300	N	25	10	35
UG411	300	300	N	30	<200	150	N	20	15	30
UG412	300	300	N	30	<200	150	N	50	15	50
UG413	500	300	N	50	<200	100	N	45	15	60
UG414	300	200	N	30	<200	100	N	45	15	75
UG415	500	200	N	30	N	100	N	30	15	45
UG416	500	200	N	30	<200	100	N	20	15	35
UG417	300	300	N	30	<200	150	N	55	30	95
UG418	300	500	N	30	<200	150	N	35	25	65
UG419	300	200	N	30	N	150	N	50	40	70
UG420	300	300	N	50	<200	150	N	55	60	110
UG421	300	300	N	30	<200	150	N	35	25	85
UG422	150	700	N	30	<200	100	N	15	10	15
UG423	300	300	N	30	N	150	N	35	20	60
UG424	300	200	N	30	200	100	N	65	20	130
UG425	500	200	N	20	N	200	N	5	5	35
UG426	500	150	N	20	N	100	N	5	5	30
UG427	500	150	N	15	N	100	N	5	10	30
UG428	500	200	N	30	N	150	N	15	10	40
UG429	300	500	N	30	200	150	N	10	10	40
UG430	300	150	N	20	N	100	N	10	10	35
UG431	200	150	N	20	N	150	N	30	15	65
UG432	150	150	N	30	N	200	N	30	20	100
UG433	300	200	N	30	N	150	N	25	20	90
UG434	500	200	N	30	N	100	N	15	15	55
UG435	300	150	N	20	<200	150	N	15	15	60
UG436	300	50	N	30	<200	150	N	15	15	50
UG437	300	200	N	20	N	100	N	40	25	80
UG438	300	300	N	20	200	100	N	85	45	130
UG439	500	300	N	30	N	100	N	700	25	65

Table 2 - Stream Sediments--continued

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA	S-BE
UG440	57 16 47	157 2 32	3.0	2.0	2.00	.70	1,000	N	N	N	30	500	1.0

Table 2 - Stream Sediments--continued

Sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN
UG440	N	N	20	70	20	<20	N	N	15	30	N	50	N

Table 2 - Stream Sediments--continued

Sample	S-SR	S-V	S-W	S-Y	S-ZN	S-ZR	S-TH	AA-CU-P	AA-PB-P	AA-ZN-P
UG440	300	150	N	50	N	100	N	10	20	60

Table 3.--Statistical summary of the analytical data for stream-sediment and nonmagnetic heavy-mineral-concentrate samples, Bristol Bay, Ugashik, and Karluk quadrangles, Alaska.

[Qualified population is one in which element concentrations are coded with an N, <, or >, where N = not detected; < = detected but below limit of determination; > = greater than upper limit of determination. Unqualified population is one in which element concentrations fall within the sensitivity limits of the methods used. n = 586 for stream-sediment samples, n = 559 for heavy-mineral concentrates. Leaders (--) denote no data or insufficient data. Element values reported in ppm except Fe, Mg, Ca, and Ti which are reported in percent.]

Method of Analysis	Element	Sample type	Data based on the qualified population: Number of samples N	<	>	DATA BASED ON THE UNQUALIFIED POPULATION: Number of values	Range of values	Geometric mean	Geometric deviation	Arithmetic mean	Standard deviation	Percentile distribution based on n samples analyzed: 90th	95th	98th
SEMIQUANTITATIVE EMISSION SPECTROGRAPHY[1]	Fe	Stream sediment	0	0	12	574	1 - 20	5.79	2.07	7.39	4.92	15.7	17.4	--
		Concentrate	0	0	6	563	.7 - 50	5.26	2.78	7.66	8.66	16.6	30.1	48.0
	Mg	Stream sediment	0	0	0	586	.3 - 10	1.45	1.63	1.63	0.91	2.93	3.46	3.87
		Concentrate	0	0	0	569	.07- 20	1.42	3.50	3.08	4.12	9.39	12.0	16.1
	Ca	Stream sediment	0	0	0	586	.15- 5	1.35	1.66	1.52	0.71	2.65	3.20	3.59
		Concentrate	0	0	0	569	.1 - 30	7.42	2.32	9.30	4.96	15.3	17.2	23.4
	Ti	Stream sediment	0	0	158	428	.15- 1	0.58	1.76	0.66	0.29	--	--	--
		Concentrate	0	0	234	335	.15- 2	1.12	1.84	1.30	0.59	--	--	--
	Mn	Stream sediment	0	0	3	583	50 - 5000	956.6	1.87	1159.5	778.3	2325.7	2846.7	3728.5
		Concentrate	0	0	0	569	100 - 5000	1245.9	1.83	1429.0	643.2	2360.5	2547.7	3166.0
	Ag	Stream sediment	516	46	0	24	.5 - 10	0.89	1.99	1.28	1.93	--	--	0.84
		Concentrate	393	16	0	160	1 - 500	5.88	3.07	15.5	46.8	7.30	13.0	33.5
	As	Stream sediment	584	0	0	2	200	--	--	200	--	--	--	--
		Concentrate	527	3	0	39	500 -10000	1232.8	1.97	1610.3	1649.0	--	769.9	1635.3
	Au	Stream sediment	586	0	0	0	--	--	--	--	--	--	--	--
		Concentrate	552	4	0	13	20 - 1000	135.0	4.24	310.8	368.7	--	--	--
	B	Stream sediment	0	17	0	569	10 - 700	2.53	2.25	39.0	59.8	73.4	112.6	224.5
		Concentrate	0	6	25	538	20 - 5000	249.3	3.37	543.6	929.8	2164.8	5148.4	--
	Ba	Stream sediment	0	0	0	586	50 - 2000	4.69	1.52	510.8	220.3	758.2	824.1	1131.0
		Concentrate	0	0	82	487	70 -10000	521.4	2.76	1024.4	1741.7	--	--	--
	Be	Stream sediment	5	257	0	324	1 - 1.5	1.01	1.08	1.02	0.09	--	--	--
		Concentrate	161	388	0	20	2 - 3	2.12	1.16	2.15	0.37	--	--	--
	Bi	Stream sediment	582	4	0	0	--	--	--	--	--	--	--	--
		Concentrate	557	2	0	10	20 - 500	44.3	2.72	85.0	147.2	--	--	--
	Cd	Stream sediment	585	0	0	1	20	--	--	20.0	--	--	--	--
		Concentrate	555	0	0	14	50 - 1000	161.6	2.40	242.1	264.1	--	--	76.7
	Co	Stream sediment	0	1	0	585	5 - 300	18.1	1.77	21.9	20.1	36.1	44.2	66.2
		Concentrate	1	46	0	522	10 - 700	36.1	2.56	61.4	87.7	128.0	222.3	377.0
	Cr	Stream sediment	1	0	0	585	10 - 1000	79.3	1.83	99.7	98.9	165.6	238.6	356.8
		Concentrate	0	2	2	565	20 -10000	311.1	4.03	831.3	1454.0	2346.0	3617.0	6237.4
	Cu	Stream sediment	0	0	0	586	10 - 1000	41.6	2.04	59.3	85.6	113.0	169.1	267.7
		Concentrate	22	123	0	424	7 -10000	58.4	4.62	268.5	811.9	384.2	1119.0	2219.5
	La	Stream sediment	250	170	0	166	20 - 100	25.3	1.45	27.5	14.0	26.5	35.6	51.9
		Concentrate	0	5	0	564	50 - 2000	138.1	1.96	178.9	174.0	347.1	463.8	806.7

Table 3.--Statistical summary of the analytical data for stream-sediment and nonmagnetic heavy-mineral-concentrate samples, Bristol Bay, Ugashik, and Karluk quadrangles, Alaska--continued.

Method of Analysis	Element	Sample type	Data based on the qualified population: Number of samples N	<	>	DATA BASED ON THE UNQUALIFIED POPULATION: Number of values	Range of values	Geometric mean	Geometric deviation	Arithmetic mean	Standard deviation	Percentile distribution based on n samples analyzed: 90th	95th	98th
SEMIQUANTITATIVE EMISSION SPECTROGRAPHY[1]	Mo	Stream sediment	535	13	0	38	5 - 150	9.80	1.97	14.1	23.4	--	5.74	13.0
		Concentrate	546	0	-	23	10 - 1500	54.2	4.56	179.6	346.4	--	--	41.4
	Nb	Stream sediment	432	152	0	2	20	--	--	20.0	--	--	--	--
		Concentrate	108	155	0	306	50 - 200	81.2	1.54	89.7	43.0	126.6	162.2	--
	Ni	Stream sediment	0	0	0	586	5 - 300	30.2	1.83	37.5	30.4	70.7	98.9	132.1
		Concentrate	21	26	0	522	10 - 700	69.9	2.33	97.5	87.1	192.7	256.8	363.6
	Pb	Stream sediment	6	132	0	448	10 - 500	13.3	1.68	17.0	29.5	23.0	34.1	53.4
		Concentrate	129	133	0	307	20 -50000	64.6	3.47	331.2	2876.0	178.3	404.4	1015.5
	Sb	Stream sediment	586	0	0	0	--	--	--	--	--	--	--	--
		Concentrate	569	0	0	0	--	--	--	--	--	--	--	--
	Sc	Stream sediment	0	0	0	586	10 - 150	33.0	1.53	36.1	16.0	54.1	63.6	75.6
		Concentrate	1	4	13	551	10 - 200	53.3	1.88	64.4	40.8	126.2	190.7	--
	Sn	Stream sediment	586	0	0	0	--	--	--	--	--	--	--	--
		Concentrate	335	19	0	215	20 - 500	39.2	1.75	47.5	45.8	53.1	68.5	81.4
	Sr	Stream sediment	0	4	0	582	100 - 7000	368.3	1.93	523.6	843.8	551.4	751.0	4214.3
		Concentrate	0	28	0	541	200 - 7000	411.1	1.74	502.8	521.3	759.0	1058.4	1636.6
	V	Stream sediment	0	0	0	586	50 - 7000	317.2	2.02	447.9	662.7	757.1	1098.8	2322.6
		Concentrate	0	0	0	569	30 - 1000	238.7	1.85	287.4	178.6	530.4	633.3	746.0
	W	Stream sediment	585	1	0	0	--	--	--	--	--	--	--	--
		Concentrate	543	12	0	14	100 - 1500	251.2	2.28	360.7	380.4	--	--	126.9
	Y	Stream sediment	0	0	0	586	10 - 70	28.4	1.40	30.2	11.2	45.5	51.7	55.7
		Concentrate	1	1	0	567	20 - 1500	234.8	2.54	339.0	264.2	711.4	790.9	953.0
	Zn	Stream sediment	204	320	0	62	200 - 5000	252.6	1.71	340.3	620.5	--	--	319.6
		Concentrate	510	7	2	50	500 -20000	1616.5	2.89	3054.0	4262.7	--	1243.0	4335.1
	Zr	Stream sediment	0	0	4	582	15 - 1000	122.3	1.73	146.3	118.1	267.6	365.7	577.2
		Concentrate	0	0	491	78	200 - 2000	1277.0	1.78	1452.6	604.0	--	--	--
	Th	Stream sediment	586	0	0	0	--	--	--	--	--	--	--	--
		Concentrate	564	3	0	2	300 - 2000	774.6	3.82	1150.0	1202.1	--	--	--
ATOMIC ABSORPTION[2]	Cu	Stream sediment	0	1	0	585	5 - 740	28.0	1.94	37.1	54.2	55.0	75.1	118.1
	Pb	Stream sediment	0	0	0	586	5 - 340	15.1	1.67	17.9	19.2	25.4	36.1	55.2
	Zn	Stream sediment	0	0	0	586	10 - 2400	60.0	1.65	71.5	106.3	105.2	126.7	213.5

[1]Grimes and Marranzino, 1968.
[2]Ward and others, 1969.