U.S. DEPARTMENT OF INTERIOR

GEOLOGICAL SURVEY

SPECTROGRAPHIC AND CHEMICAL ANALYSES OF GEOCHEMICAL SAMPLES FROM TALKEETNA QUADRANGLE, ALASKA

by

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INTRODUCTION

A reconnaissance geochemical study was made in the Talkeetna, Alaska, 1:250,000-scale quadrangle (fig. 1) during the summers of 1975 and 1976, to aid in assessing the mineral resource potential of the quadrangle. This study included the collection, preparation, and analysis of 830 stream-sediment samples, 108 glacial-debris samples, and 819 nonmagnetic heavy mineral concentrate samples. The analytical results for these samples are given in this report. In addition, analytical results for 153 stream-sediment samples collected during earlier geochemical studies in the Talkeetna quadrangle (Clark and Hawley, 1968; Reed and Elliott, 1970) are also included in this report.

DESCRIPTION OF SAMPLE MEDIA

At most sites, stream sediments and heavy-mineral concentrates were collected in the active channels of swift mountain streams draining areas ranging from about 5-10 km^2. The sediment in most of these streams ranges in size from fine sand to cobbles. In addition to the stream sediments, 108 glacial-debris samples were collected from lateral and medial moraines of valley glaciers. The stream sediments, glacial debris, and heavy-mineral concentrates are composed mainly of detrital material that has been mechanically introduced into a stream or moraine from the bedrock and colluvium within a particular drainage basin. The composition of the stream sediment and glacial debris approximates that of the weathering rock and soil material within the basin. Further, all the sample types can reflect the presence of mineralized rock in the drainage basin upstream. The heavy mineral concentrates are especially useful for determining the presence and regional distribution of certain heavy metals and resistate minerals such as gold, cassiterite, and scheelite.

SAMPLE PREPARATION

The stream-sediment and glacial-debris samples were air-dried and sieved through an 80-mesh (0.177-mm) sieve. The minus-80-mesh fraction was saved for analysis.

The heavy-mineral concentrates were preliminarily prepared in the field by panning to remove the bulk of the light minerals. The panned samples were sieved through a 20-mesh (0.8-mm) screen in the laboratory, and the minus-20-mesh fraction was further separated with bromoform (specific gravity: 2.86) to remove the remaining light minerals. Magnetite and other strongly magnetic minerals were first removed from the heavy-mineral fraction by use of a hand magnet. The remaining heavy-mineral grains were passed through a Frantz Isodynamic Separator[1/], and a nonmagnetic fraction was obtained at a setting of 0.6 amperes. This fraction was labeled C3 or C5 and saved for analysis and mineralogical examination. Although a pure nonmagnetic fraction cannot be obtained owing to the presence of locked polymineralic grains, the nonmagnetic concentrates contain mainly muscovite, sphene, zircon, apatite, rutile, anatase, and tourmaline. Ore minerals such as gold, sulfides, scheelite, and cassiterite are found in this fraction also.

[1/] The use of the brand name in this report is for descriptive purposes only and does not constitute endorsement by the U.S. Geological Survey.

METHODS OF ANALYSES

The stream-sediment and glacial-debris samples were analyzed by a 6-step, DC-arc semiquantitative emission-spectrographic method described by Grimes and Marranzino (1968) for the analysis of geologic material. Thirty elements were determined per sampTe. Results were reported as the approximate midpoints of geometric brackets whose boundaries are 1.2, 0.83, 0.56, 0.38, 0.26, 0.18, 0.12, etc. These midpoints are 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

Disallowing results obtained near the detection levels, the repeatability of the method, in general, is shown to be within one adjoining reporting interval on each side of the mean 83 percent of the time, and within two adjoining reporting intervals on each side of the mean 96 percent of the time (Motooka and Grimes, 1976).

The approximate visual lower limits of determination used for stream-sediment and glacial-debris samples collected during 1975 and 1976 and analyzed by the spectrographic method are, for those given in percentage, iron, 0.05; magnesium, 0.02; calcium, 0.05; and titanium, 0.002; for those reported in ppm, manganese, 10; silver, 0.5; arsenic, 200; gold, 10; boron, 10; barium, 20; beryllium, 1; bismuth, 10; cadmium, 20; cobalt; 5; chromium, 10; copper, 5; lanthanum, 20; molybdenum, 5; niobium, 20; nickel, 5; lead, 10; antimony, 100; scandium, 5; tin, 10; strontium, 100; tungsten, 50; vanadium, 10; yttrium, 10; zinc, 200; and zirconium, 10. Results from older data, Clark and Hawley (1968) and Reed and Elliott (1970), contain different lower limits of determination for some elements.

The nonmagnetic heavy mineral concentrate samples were analyzed by the same procedure as described above, with the following exceptions: To eliminate the spectral interferences caused by high concentrations of iron, 5 mg of prepared sample was used instead of 10 mg, thus raising the lower limit of determination. All lower limits are doubled, and doubled limits occurring between midpoints were rounded to the higher midpoint (for example, 20 ppm X 2 = 40 ppm, but are reported as 50 ppm).

Selected stream-sediment and glacial-debris samples were also analyzed for gold, copper, lead, and zinc by atomic absorption methods (Ward and others, 1969).

At present, the lower limits of determination for these elements in ppm are gold, 0.05; copper, 5; lead, 5; and zinc, 5. A lower limit of 0.02 was given for gold in the reports of Clark and Hawley (1968) and Reed and Elliott (1970).

The spectrographic and chemical analyses incorporated in this report were determined by E. F. Cooley, K. J. Curry, G. W. Day, R. M. O'Leary, A. L. Meier, W. L. Campbell, J. A. Criswell, J. Dupree, and others.

EXPLANATION OF DATA

All analytical data were keypunched or entered on magnetic tape and stored in the U.S. Geological Survey RASS System. A computer print-out program was used in compiling Table 1. The data listed in Table 1 include the analytical results for all three geochemical types.

The columns have heading titles of sample, latitude, longitude, and the elements. Columns in which the element heading is preceded by an S contain the emission-spectrographic data. The prefix AA in the column heading indicates that the results were determined by atomic absorption, and the suffix P indicates a partial digestion.

The results for all elements are reported in parts per million (ppm) except for iron, magnesium, calcium, and titanium, which are given in percent.

Definitions of the qualifier codes used in Table 1 are as follows: --, no data available, or sample not analyzed for this element; N, not detected at the level of detection; <, detected, but below the limit of determination or below values shown; and >, greater than the value shown.

The sample numbers appearing in Figure 1 have been simplified from sample numbers in Table 1. The prefix TKO and 7, and the constant A were eliminated. Therefore, TKO 123 and 75 ANS 123 become 123 and 5 NS 123, respectively.

REFERENCES CITED

Clark, A. L., and Hawley, C. C., 1968, Reconnaissance geology, mineral occurrences, and geochemical anomalies of the Yentna district, Alaska: U.S. Geol. Survey open-file report, 64 p.

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 material: U.S. Geol. Survey Circ. 591, 6 p.

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

Reed, B. L., and Elliott, R. L., 1970, Reconnaissance geologic map, analyses of bedrock and stream sediment samples, and an aeromagnetic map of parts of the southern Alaska Range: U.S. Geol. Survey open-file report, 145 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. Geol. Survey Bull. 1289, 45 p.

Table 1.--Spectrographic and atomic absorption analyses for geochemical samples from the Talkeetna quadrangle, Alaska

STREAM SEDIMENT AND GLACIAL DEBRIS

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	S-BI
SANS52A1	62.5583	151.1078	3.0	1.50	1.50	.70	1,000	N	N	N	70	1,000	<1.0	N
SANS52A2	62.5631	151.0875	3.0	1.50	1.50	.70	1,000	N	N	N	100	1,000	1.0	N
SANS52A3	62.5623	151.0692	5.0	1.50	1.00	.70	1,500	N	N	N	100	1,500	1.0	N
SANS52A4	62.5642	151.0653	5.0	2.00	2.00	.70	1,500	N	N	N	150	1,500	1.0	N
SANS52A8	62.5806	151.0444	5.0	1.50	1.00	.70	1,500	<.5	N	N	150	1,500	1.0	N
SANS5443	62.6133	151.1656	.2	.10	2.00	.15	700	N	N	N	300	500	3.0	N
SANS56A1	62.5875	151.0469	5.0	3.00	5.00	1.00	1,500	N	N	N	50	1,000	<1.0	N
SANS56A3	62.5923	151.0386	7.0	3.00	5.00	1.00	1,500	N	N	N	50	1,500	<1.0	N
SANS61A2	62.5881	151.1239	.5	.10	1.50	.20	1,000	N	N	N	300	700	3.0	N
SANS62A4	62.6075	151.0011	5.0	3.00	3.00	1.00	1,500	N	N	N	50	1,500	1.0	N
SANS62A5	62.5992	151.0031	5.0	1.50	3.00	1.00	5,000	N	N	N	50	1,500	1.0	N
SANS62A6	62.5033	151.0161	5.0	2.00	3.00	1.00	1,500	N	N	N	100	1,500	1.0	N
ACL039	62.5733	150.5336	5.0	.70	.20	.50	700	N	N	N	50	700	1.0	N
ACL040	62.5233	150.9486	7.0	1.00	.20	.50	1,500	N	N	N	50	1,000	1.0	N
ACL216	62.5917	150.5903	5.0	1.50	1.50	.50	1,500	N	N	N	50	500	1.5	N
ACL217	62.5836	150.5914	3.0	.70	.20	1.00	1,500	N	N	N	30	700	1.5	N
ACL218	62.5808	150.5975	3.0	.70	.15	1.00	700	N	N	N	30	500	1.5	N
ACL219	62.5761	150.6369	2.0	.70	1.00	.30	700	<.5	N	N	20	300	1.0	N
ACL220	62.5600	150.6803	5.0	1.00	.20	.50	2,000	N	N	N	70	700	1.5	N
ACL221	62.5581	150.6344	5.0	1.50	.30	.50	1,500	N	N	N	50	700	1.5	N
ACL222	62.5481	150.6592	5.0	1.00	.20	.50	1,000	N	N	N	50	500	1.5	N
ACL223	62.5456	150.6650	3.0	1.00	.15	.50	1,000	N	N	N	50	530	1.5	N
ACL224	62.5442	150.6817	5.0	1.00	.30	.50	5,000	N	N	N	50	500	1.5	N
ACL225	62.5439	150.6864	5.0	1.50	.20	.70	1,500	N	N	N	70	700	2.0	N
ACL226	62.5308	150.7181	3.0	1.00	.20	.50	1,500	N	N	N	70	500	1.5	N
ACL227	62.5269	150.7556	5.0	1.00	.70	.30	2,000	N	N	N	50	1,000	2.0	N
ACL228	62.5353	150.8083	3.0	1.00	.50	.30	1,500	N	N	N	30	300	1.5	N
ACL229	62.4250	150.6653	5.0	1.00	.30	.50	2,000	N	N	N	50	530	2.0	N
ACL231	62.4353	150.8847	3.0	1.00	.30	.50	1,500	N	N	N	50	500	1.0	N
ACL232	62.4378	150.8542	3.0	.50	.30	.50	500	N	N	N	30	700	1.0	N
ACL233	62.4397	150.8508	3.0	1.00	.50	.50	1,500	N	N	N	50	700	1.5	N
ACL235	62.4614	150.8522	5.0	1.00	.20	.50	700	N	N	N	50	700	1.0	N
ACL236	62.4722	150.8358	5.0	1.50	.70	.70	1,000	N	N	N	30	500	1.0	N
ACL237	62.4733	150.8314	3.0	1.00	.30	.50	2,000	N	N	N	70	500	2.0	N
ACL238	62.4878	150.3319	5.0	1.00	.70	.50	1,500	N	N	N	50	700	1.5	N
ACL239	62.4917	150.8253	5.0	1.00	.70	.50	1,500	N	N	N	30	700	1.5	N
ACL240	62.4914	150.8006	5.0	1.00	.50	.50	1,000	N	N	N	50	700	1.5	N
ACL242	62.4411	150.9689	5.0	1.50	.50	.50	1,500	<.5	N	N	50	500	1.5	N
ACL243	62.4683	150.9469	5.0	1.50	.70	.50	1,500	N	N	N	50	700	2.0	N
ACL244	62.4606	150.9656	5.0	1.50	.50	.50	1,000	N	N	N	50	700	1.5	N
ACL245	62.4836	150.9239	5.0	1.00	.70	.50	700	N	N	N	50	500	1.0	N
ACL246	62.4964	150.9128	5.0	1.00	.50	.50	700	N	N	N	50	530	1.0	N
ACL247	62.5017	150.9228	5.0	1.50	.50	.50	1,000	N	N	N	30	500	1.0	N
ACL250	62.5300	150.8325	3.0	1.00	.50	.50	1,000	N	N	N	50	500	1.5	N
ACL251	62.5650	150.7164	5.0	1.50	.50	.50	1,500	N	N	N	70	700	2.0	N

STREAM SEDIMENT AND GLACIAL DEBRIS

sample	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR	S-V	S-W	S-Y
SANS52A1	N	20	150	50	100	N	N	70	10	N	20	N	300	200	N	30
SANS52A2	N	20	300	70	50	N	N	100	<10	N	20	N	200	200	N	30
SANS52A3	N	30	150	100	70	N	N	100	15	N	20	N	300	200	N	30
SANS52A4	N	50	200	100	100	N	N	200	20	N	30	N	500	300	N	30
SANS52A8	N	30	150	70	70	N	N	150	20	N	30	N	300	300	N	30
SANS54A3	N	N	N	<5	300	N	N	<5	50	N	5	N	100	<10	N	70
SANS56A1	N	50	300	70	100	N	N	150	10	N	50	N	300	300	N	50
SANS56A5	N	30	300	70	50	N	N	150	10	N	30	N	500	300	N	50
SANS61A2	N	N	10	<5	300	N	N	<5	70	N	5	N	100	10	N	100
SANS62A4	N	30	200	70	100	N	N	150	15	N	30	N	300	300	N	30
SANS62A5	N	30	100	100	70	N	N	100	20	N	20	N	300	300	N	30
SANS62A6	N	30	200	70	150	N	N	150	15	N	30	N	300	300	N	30
ACL039	N	10	150	70	20	N	10	70	20	N	15	N	200	100	N	30
ACL040	N	10	150	70	20	N	<10	70	20	N	20	N	300	150	N	30
ACL216	N	15	100	70	20	N	N	70	20	N	20	N	300	300	N	20
ACL217	N	20	300	30	50	N	10	50	15	N	15	N	200	200	N	20
ACL218	N	10	70	30	30	N	10	30	10	N	15	N	100	200	N	30
ACL219	N	10	70	30	<20	N	N	30	30	N	10	N	300	200	N	20
ACL220	N	20	100	70	30	N	<10	70	20	N	20	N	150	300	N	15
ACL221	N	30	150	100	30	N	<10	70	30	N	15	N	100	300	N	30
ACL222	N	20	150	70	20	N	<10	70	30	N	15	N	100	500	N	20
ACL223	N	15	100	30	30	N	<10	50	20	N	15	N	100	200	N	20
ACL224	N	30	100	30	20	N	<10	50	30	N	10	N	100	200	N	20
ACL225	N	30	150	70	20	N	<10	70	30	N	15	N	100	300	N	20
ACL226	N	20	100	50	20	N	<10	70	20	N	15	N	150	300	N	20
ACL227	N	30	200	70	20	N	<10	70	20	N	15	N	200	200	N	20
ACL228	N	15	100	30	30	N	<10	50	N	N	15	N	150	200	N	20
ACL229	N	20	150	50	20	N	<10	70	10	N	15	N	150	200	N	20
ACL231	N	20	150	50	<20	N	<10	70	10	N	20	N	100	300	N	20
ACL232	N	10	150	10	30	N	<10	30	10	N	10	N	200	150	N	20
ACL233	N	30	150	50	50	N	<10	70	20	N	15	N	200	300	N	20
ACL235	N	20	150	70	20	N	10	70	<10	N	20	N	150	500	N	30
ACL236	N	20	150	50	20	N	<10	70	10	N	20	N	200	300	N	20
ACL237	N	30	150	70	20	N	<10	50	30	N	15	N	150	200	N	20
ACL238	N	20	150	70	70	N	<10	70	30	N	20	N	300	300	N	30
ACL239	N	20	150	50	<20	N	<10	70	20	N	20	N	200	200	N	20
ACL240	N	15	150	50	20	N	<10	70	10	N	20	N	200	200	N	20
ACL242	N	20	150	70	30	N	<10	70	20	N	20	N	200	300	N	30
ACL243	N	15	150	70	<20	N	<10	50	30	N	20	N	200	300	N	20
ACL244	N	20	150	70	30	N	<10	70	15	N	15	N	200	300	N	50
ACL245	N	20	150	70	20	N	<10	70	30	N	15	N	200	300	N	20
ACL246	N	30	150	50	30	N	10	70	10	N	15	N	150	200	N	20
ACL247	N	20	150	50	70	N	<10	70	10	N	15	N	150	300	N	20
ACL250	N	20	150	50	30	N	<10	70	15	N	15	N	150	200	N	30
ACL251	N	20	150	100	30	N	<10	70	10	N	20	N	150	300	N	30

STREAM SEDIMENT AND GLACIAL DEBRIS

sample	S-ZN	S-ZR	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P
SANS52A1	N	200	.20	--	--	--
SANS52A2	N	200	3.70	--	--	--
SANS52A3	200	200	N	--	--	--
SANS52A4	<200	300	N	--	--	--
SANS52A8	200	200	.50	--	--	--
SANS54A3	N	>1,000	N	--	--	--
SANS56A1	<200	1,000	N	--	--	--
SANS56A3	N	200	<.05	--	--	--
SANS61A2	N	700	N	--	--	--
SANS62A4	N	200	N	--	--	--
SANS62A5	N	200	N	--	--	--
SANS62A6	N	300	N	--	--	--
ACL039	N	150	.02	--	--	--
ACL040	N	150	.02	--	--	--
ACL216	<200	200	.02	--	--	--
ACL217	N	200	<.02	--	--	--
ACL218	N	300	<.02	--	--	--
ACL219	N	150	<.02	--	--	--
ACL220	<200	200	<.10	--	--	--
ACL221	200	150	.04	--	--	--
ACL222	<200	200	<.04	--	--	--
ACL223	N	300	.10	--	--	--
ACL224	N	200	.50	--	--	--
ACL225	N	200	<.04	--	--	--
ACL226	N	200	.02	--	--	--
ACL227	<200	150	.02	--	--	--
ACL228	N	200	<.02	--	--	--
ACL229	<200	150	<.02	--	--	--
ACL231	<200	150	<.02	--	--	--
ACL232	N	300	<.02	--	--	--
ACL233	N	200	<.04	--	--	--
ACL235	<200	200	<.02	--	--	--
ACL236	<200	300	<.02	--	--	--
ACL237	<200	200	--	--	--	--
ACL238	<200	200	<.04	--	--	--
ACL239	<200	150	<.02	--	--	--
ACL240	<200	200	<.02	--	--	--
ACL242	<200	200	<.02	--	--	--
ACL243	N	200	<.02	--	--	--
ACL244	<200	150	<.02	--	--	--
ACL245	N	200	<.02	--	--	--
ACL246	N	300	<.02	--	--	--
ACL247	<200	200	<.02	--	--	--
ACL250	N	150	<.04	--	--	--
ACL251	<200	200	.04	--	--	--

STREAM SEDIMENT AND GLACIAL DEBRIS--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	S-BI
ACL252	62.5669	150.7142	5.0	1.50	.30	.50	2,000	N	N	N	70	700	2.0	N
ACL253	62.5872	150.6656	2.0	.70	.70	.30	1,000	N	N	N	20	500	1.5	N
ACL254	62.5931	150.6178	3.0	1.00	1.00	.50	1,500	.7	N	N	30	500	2.0	N
ACL151	62.7319	150.5872	3.0	1.00	.15	.30	3,000	.7	1,000	N	50	500	3.0	N
ACL153	62.7186	150.5933	3.0	1.00	.15	.50	2,000	N	200	N	70	500	2.0	N
ACL154	62.7058	150.6147	3.0	1.00	.50	.50	700	.5	N	N	70	500	1.5	N
ACL155	62.7100	150.6228	3.0	1.00	.20	.50	1,000	N	N	N	30	700	2.0	N
ACL056	62.6786	150.4669	3.0	1.00	.10	.30	1,000	N	N	N	30	500	1.5	N
ACL057	62.6592	150.4769	2.0	.50	.70	.30	1,000	N	N	N	30	500	2.0	N
ACL058	62.6806	150.4894	2.0	.15	1.00	.10	500	N	N	N	<10	500	3.0	N
ACL060	62.6847	150.5344	3.0	1.00	.50	.30	700	N	N	N	30	700	1.5	N
ACL061	62.6833	150.5275	2.0	.20	.70	.15	500	<.5	N	N	<10	300	3.0	N
ACL063	62.6608	150.5342	2.0	.70	.30	.20	700	N	N	N	20	300	2.0	N
ACL064	62.6589	150.5383	3.0	1.00	.20	.30	1,000	N	N	N	30	300	1.5	N
ACL065	62.6539	150.6028	3.0	1.00	.15	.30	700	N	N	N	50	500	1.5	N
ACL066	62.6392	150.5786	3.0	.70	.20	.30	1,500	N	N	N	50	500	1.5	N
ACL067	62.6614	150.5686	3.0	1.00	.15	.30	1,500	N	N	N	20	300	1.5	N
ACL068	62.6628	150.5861	5.0	1.00	.50	.50	1,500	.5	N	N	50	300	2.0	N
ACL069	62.6839	150.5653	2.0	.50	.50	.20	700	N	N	N	30	500	1.5	N
ACL070	62.6847	150.5631	7.0	1.00	.50	.50	1,000	N	N	N	50	500	1.5	N
ACL071	62.6969	150.5397	3.0	.70	.50	.30	2,000	N	N	N	50	500	1.5	N
ACL072	62.6989	150.5383	5.0	.70	.20	.30	5,000	N	N	N	50	500	1.5	N
ACL073	62.7128	150.5361	5.0	1.00	.50	.30	2,000	N	N	N	50	500	1.5	N
ACL074	62.7247	150.5097	5.0	1.00	.20	.30	5,000	N	N	N	50	300	1.5	N
ACL077	62.5800	150.8831	5.0	1.00	.20	.30	1,500	N	N	N	50	500	1.0	N
ACL079	62.5619	150.9317	3.0	.70	.20	.30	1,500	N	N	N	30	700	1.5	N
ACL080	62.5636	150.9275	3.0	1.00	.30	.30	2,000	N	N	N	50	700	1.5	N
ACL082	62.6000	151.0253	3.0	1.00	.70	.30	1,500	N	N	N	30	700	1.5	N
ACL087	62.5617	151.0486	3.0	1.00	.20	.50	1,500	N	N	N	50	700	1.5	N
ACL088	62.5597	151.0503	3.0	1.00	.50	.50	1,500	.5	N	N	30	700	1.5	N
ACL090	62.5644	151.0806	5.0	1.50	.30	.50	1,000	N	N	N	50	700	2.0	N
ACL091	62.5661	151.0831	5.0	2.00	1.50	.50	1,500	N	N	N	30	700	2.0	N
ACL094	62.5183	151.1025	5.0	1.00	.70	.50	5,000	N	N	N	30	500	2.0	N
ACL095	62.5194	151.0644	5.0	1.50	.70	.50	5,000	N	N	N	50	500	2.0	N
ACL096	62.5100	151.0194	3.0	.70	.15	.50	1,500	<.5	N	N	30	300	2.0	N
ACL046	62.7381	150.4539	1.5	.20	.70	.07	500	<.5	N	N	<10	500	3.0	N
ACL047	62.7364	150.4550	1.0	.10	1.00	.07	300	<.5	N	N	<10	700	3.0	N
ACL048	62.7292	150.4767	3.0	.70	.20	.20	1,500	N	N	N	30	300	1.5	N
ACL049	62.7422	150.4606	5.0	1.00	.15	.30	1,500	N	N	N	50	300	1.0	N
ACL050	62.7175	150.4131	2.0	.30	1.00	.20	700	N	N	N	<10	500	3.0	N
ACL051	62.6994	150.4131	1.5	.15	.70	.10	300	N	N	N	<10	300	10.0	N
ACL052	62.6872	150.4358	1.5	.10	.70	.30	1,000	N	N	N	<10	500	3.0	N
ACL053	62.6864	150.4378	2.0	.20	.70	.15	700	N	N	N	<10	500	3.0	N
ACL054	62.6886	150.4558	2.0	.20	.70	.20	700	N	N	N	<10	300	3.0	N
ACL055	62.6886	150.4722	3.0	.20	.30	.10	500	N	N	N	<10	200	3.0	N

STREAM SEDIMENT AND GLACIAL DEBRIS--continued

sample	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NH	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR	S-V	S-W	S-Y
ACL252	N	30	150	70	50	N	<10	100	10	N	20	N	150	500	N	30
ACL253	N	15	70	50	20	N	N	30	20	N	10	N	300	150	N	20
ACL254	N	15	100	70	20	N	N	30	30	N	15	N	300	200	N	20
ACL151	N	30	150	150	20	N	10	70	50	N	15	20	N	200	N	--
ACL153	N	20	100	100	20	N	<10	70	30	N	15	N	100	200	N	--
ACL154	N	10	100	30	20	N	<10	50	30	N	15	N	200	200	N	--
ACL155	N	10	150	50	70	N	<10	70	10	N	15	N	200	200	N	--
ACL056	N	15	200	50	30	N	N	50	30	N	15	N	N	200	N	--
ACL057	N	7	50	30	70	N	<10	30	20	N	10	N	150	100	N	--
ACL058	N	5	5	30	150	N	10	5	15	N	10	N	150	20	N	--
ACL060	N	15	100	50	20	N	<10	50	30	N	15	N	150	150	N	--
ACL061	N	<5	15	30	70	N	15	5	30	N	15	N	<100	50	N	--
ACL063	N	10	70	50	20	N	N	30	20	N	10	N	150	150	N	--
ACL064	N	20	100	70	30	N	<10	70	30	N	15	N	150	200	N	--
ACL065	N	15	100	30	30	N	<10	70	20	N	15	N	100	200	N	--
ACL066	N	15	100	50	20	N	10	70	20	N	15	N	100	200	N	--
ACL067	N	15	100	50	50	N	10	70	30	N	15	N	100	200	N	--
ACL068	N	50	200	150	70	N	<10	100	100	N	20	N	100	300	N	50
ACL069	N	7	70	30	<20	N	N	30	20	N	10	N	150	150	N	15
ACL070	N	15	150	70	20	N	<10	70	20	N	15	N	150	200	N	30
ACL071	N	15	100	70	20	N	N	50	20	N	15	N	150	200	N	20
ACL072	N	30	150	70	20	N	10	70	20	N	20	N	150	200	N	20
ACL073	N	20	150	70	20	N	<10	70	20	N	20	N	150	200	N	20
ACL074	N	15	100	50	<20	N	<10	70	20	N	20	N	100	200	N	20
ACL077	N	20	150	70	20	N	<10	70	30	N	20	N	150	300	N	30
ACL079	N	15	100	50	20	N	<10	50	20	N	15	N	150	200	N	20
ACL080	N	20	100	50	20	N	<10	70	20	N	15	N	150	200	N	20
ACL082	N	7	150	50	<20	N	<10	50	30	N	15	N	150	200	N	20
ACL087	N	15	100	50	30	N	<10	70	15	N	15	N	150	200	N	20
ACL088	N	15	150	100	20	N	<10	70	30	N	15	N	150	200	N	20
ACL090	N	15	150	50	20	N	10	70	20	N	15	N	200	200	N	--
ACL091	N	15	200	50	30	N	10	70	N	N	30	N	300	300	N	--
ACL094	N	20	70	50	20	N	15	70	20	N	15	N	300	200	N	--
ACL095	N	20	150	70	20	N	<10	70	30	N	15	N	200	300	N	--
ACL096	N	15	70	30	30	N	10	70	15	N	15	N	100	230	N	--
ACL046	N	<5	10	20	50	N	<10	5	20	N	7	N	100	30	N	--
ACL047	N	<5	<5	20	50	N	<10	<5	20	N	5	N	200	10	N	--
ACL048	N	10	70	50	70	N	10	30	20	N	15	N	100	150	N	--
ACL049	N	15	150	70	20	N	<10	50	30	N	20	N	100	200	N	--
ACL050	N	<5	5	5	150	N	15	5	20	N	7	N	150	50	N	--
ACL051	N	<5	<5	20	100	N	10	<5	20	N	5	N	100	10	N	--
ACL052	N	<5	<5	7	500	N	20	<5	15	N	7	N	100	20	N	--
ACL053	N	<5	15	20	150	N	10	5	20	N	7	N	150	30	N	--
ACL054	N	<5	5	15	200	N	15	<5	20	N	10	N	150	30	N	--
ACL055	N	5	10	20	50	N	20	10	50	N	15	N	100	30	N	--

STREAM SEDIMENT AND GLACIAL DEBRIS--continued

sample	S-ZN	S-ZR	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P
ACL252	<200	200	<.02	--	--	--
ACL253	N	150	<.02	--	--	--
ACL254	N	150	<.02	--	--	--
ACL151	200	150	.20	--	--	--
ACL153	<200	200	<.02	--	--	--
ACL154	N	150	<.02	--	--	--
ACL155	<200	200	.30	--	--	--
ACL056	<200	150	<.02	--	--	--
ACL057	N	150	<.02	--	--	--
ACL058	N	200	<.02	--	--	--
ACL060	<200	150	<.02	--	--	--
ACL061	N	200	<.02	--	--	--
ACL063	N	150	<.02	--	--	--
ACL064	<200	150	<.02	--	--	--
ACL065	<200	200	<.02	--	--	--
ACL066	<200	200	.02	--	--	--
ACL067	<200	200	<.02	--	--	--
ACL068	<200	300	<.02	--	--	--
ACL069	N	150	--	--	--	--
ACL070	<200	200	<.02	--	--	--
ACL071	<200	150	<.10	--	--	--
ACL072	<200	150	<.02	--	--	--
ACL073	200	150	<.02	--	--	--
ACL074	<200	150	<.02	--	--	--
ACL077	<200	150	<.02	--	--	--
ACL079	N	150	<.02	--	--	--
ACL080	<200	150	.04	--	--	--
ACL082	N	200	<.02	--	--	--
ACL087	<200	200	<.02	--	--	--
ACL088	<200	150	<.10	--	--	--
ACL090	<200	200	<.04	--	--	--
ACL091	<200	150	<.04	--	--	--
ACL094	<200	150	<.02	--	--	--
ACL095	<200	150	<.02	--	--	--
ACL096	N	200	<.02	--	--	--
ACL046	N	200	<.02	--	--	--
ACL047	N	300	<.02	--	--	--
ACL048	N	150	<.02	--	--	--
ACL049	<200	150	<.02	--	--	--
ACL050	N	200	<.02	--	--	--
ACL051	N	150	<.02	--	--	--
ACL052	N	1,000	<.02	--	--	--
ACL053	N	300	<.02	--	--	--
ACL054	N	200	<.02	--	--	--
ACL055	N	150	<.02	--	--	--

STREAM SEDIMENT AND GLACIAL DEBRIS--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	S-BI
ACL059	62.6858	150.5325	3.0	1.00	.20	.30	1,000	N	N	N	30	300	1.5	N
ACJ220	62.8433	152.3472	1.0	.15	.50	.15	300	N	N	N	70	700	5.0	N
ACJ221	62.8942	152.3286	1.5	.50	.70	.15	700	N	N	N	300	700	3.0	N
ACJ234	62.9331	152.0669	3.0	1.50	.30	.50	700	N	N	N	70	700	1.5	N
ACJ235	62.9397	152.0492	3.0	1.50	.70	.50	700	N	N	N	70	2,000	1.5	N
ACJ237	62.9383	152.0542	3.0	1.50	.70	.30	500	N	N	N	70	2,000	2.0	N
ACJ239	62.8453	152.2692	.7	.07	.50	.07	150	N	N	N	50	300	7.0	N
ACJ240	62.8117	152.2917	5.0	2.00	.70	.30	3,000	N	N	N	70	2,000	2.0	N
ACJ241	62.8064	152.2825	3.0	1.50	.30	.30	3,000	N	N	N	70	3,000	2.0	N
ACJ244	62.7936	152.2747	3.0	1.50	.30	.50	700	N	N	N	70	3,000	1.5	N
ACJ245	62.7872	152.2819	3.0	1.50	.50	.50	700	N	N	N	70	2,000	2.0	N
ACJ251	62.7950	152.1714	3.0	1.00	.70	.30	1,500	N	N	N	100	2,000	7.0	N
ACJ258	62.7919	152.1725	3.0	1.50	.70	.50	700	N	N	N	50	1,500	1.0	N
ACJ266	62.7439	152.2542	3.0	1.50	1.00	.30	500	N	N	N	70	2,000	1.0	N
ACJ270	62.7714	152.2794	3.0	1.50	1.00	.30	500	N	N	N	70	2,000	1.5	N
ACJ271	62.7728	152.2875	1.5	.30	.50	.30	300	N	N	N	100	1,500	1.0	N
ACJ274	62.7356	152.3625	3.0	1.50	.70	.30	300	N	N	N	70	1,500	1.0	N
ACJ278	62.6822	152.4008	2.0	1.50	3.00	.30	300	N	N	N	70	2,000	1.0	N
ACJ280	62.6742	152.4469	7.0	.70	.70	.20	1,000	N	N	N	70	1,500	1.0	N
ACJ282	62.6517	152.4533	3.0	1.50	3.00	.30	300	N	N	N	100	1,000	1.0	N
ACJ283	62.6528	152.4606	2.0	1.50	10.00	.20	300	N	N	N	50	700	N	N
ACJ285	62.6444	152.5233	1.5	1.50	10.00	.15	300	N	N	N	70	700	N	N
ACJ288	62.6350	152.5606	3.0	3.00	3.00	.30	700	N	N	N	30	1,000	N	N
ACJ294	62.6453	152.6236	3.0	3.00	3.00	.50	700	N	N	N	70	1,000	1.0	N
ACJ114	62.3286	152.9131	3.0	1.50	.70	.30	3,000	N	N	N	--	1,500	1.0	N
ACJ115	62.3261	152.9147	3.0	1.50	.70	.30	3,000	N	N	N	--	1,500	1.0	N
ACJ116	62.3267	152.9242	3.0	1.50	1.00	.30	1,500	N	N	N	--	1,500	N	N
ACJ117	62.3250	152.9244	3.0	1.50	.70	.30	3,000	N	N	N	--	1,500	1.0	N
ACJ118	62.3275	152.9328	3.0	1.50	3.00	.30	1,500	N	N	N	--	1,500	1.0	N
ACJ119	62.3272	152.9447	3.0	1.50	.30	.30	3,000	N	N	N	--	1,500	1.0	N
ACJ120	62.3261	152.9481	3.0	1.50	.50	.30	1,500	N	N	N	--	1,500	1.0	N
ACJ121	62.3319	152.9661	3.0	1.50	.70	.30	1,500	N	N	N	--	1,500	1.0	N
ACJ124	62.3386	152.9706	5.0	3.00	3.00	2.00	2,000	N	N	N	--	1,500	1.0	N
ACJ126	62.3397	152.9925	3.0	1.50	.50	.30	3,000	N	N	N	--	1,500	1.0	N
ACG895	62.3572	152.9142	3.0	2.00	.70	.50	700	N	N	N	--	1,500	1.5	N
ACG887	62.3811	152.8581	3.0	1.50	.30	.30	1,000	N	N	N	--	1,500	1.0	N
ACG888	62.3878	152.8639	3.0	2.00	.70	.30	1,000	N	N	N	--	1,000	2.0	N
ACG889	62.3867	152.8650	3.0	1.50	.30	.30	1,000	N	N	N	--	1,500	1.0	N
ACG891	62.3964	152.8772	3.0	1.50	.30	.30	1,000	N	N	N	--	1,500	1.0	N
ACG892	62.4089	152.8978	3.0	1.50	.30	.30	1,000	N	N	N	--	1,500	1.0	N
ACG893	62.4117	152.9256	3.0	1.50	.70	.50	1,500	N	N	N	--	1,500	1.0	N
ACG896	62.3656	152.9206	3.0	1.50	.70	.30	1,000	N	N	N	--	1,500	1.0	N
ACG897	62.3663	152.9222	3.0	1.50	.50	.50	1,000	N	N	N	--	1,500	1.5	N
ACG899	62.3775	152.9386	3.0	1.50	.50	.30	700	N	N	N	--	1,500	1.0	N
ACG900	62.3836	152.9486	3.0	1.50	.50	.30	700	N	N	N	--	1,500	1.0	N

STREAM SEDIMENT AND GLACIAL DEBRIS--continued

Sample	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR	S-V	S-W	S-Y
ACL059	N	15	150	50	30	N	<10	70	20	N	15	N	150	200	N	--
ACJ220	N	N	15	7	150	N	15	7	30	N	7	N	70	30	N	500
ACJ221	N	7	30	30	30	N	15	15	70	N	7	15	70	70	N	100
ACJ234	N	15	70	70	70	3	15	30	30	N	15	N	100	70	N	30
ACJ235	N	15	70	70	70	3	15	50	30	N	20	N	150	70	N	50
ACJ237	N	15	70	50	70	3	15	30	30	N	20	N	150	100	N	30
ACJ239	N	N	3	3	30	N	15	3	30	N	5	N	30	10	N	100
ACJ240	N	70	100	300	70	7	15	150	30	N	30	N	150	300	N	100
ACJ241	N	50	100	150	70	7	15	100	30	N	30	N	150	200	N	70
ACJ244	N	20	100	150	30	7	15	100	20	N	30	N	150	200	N	30
ACJ245	N	20	100	70	50	3	15	70	15	N	30	N	150	200	N	70
ACJ251	N	20	50	70	30	7	15	70	20	N	30	N	150	150	N	150
ACJ258	N	15	70	100	30	3	10	70	15	N	20	N	200	150	N	30
ACJ266	N	15	70	70	30	3	<10	70	20	N	30	N	200	200	N	30
ACJ270	N	15	70	70	30	3	10	30	15	N	20	N	150	150	N	30
ACJ271	N	15	70	50	30	N	<10	30	15	N	15	N	200	100	N	30
ACJ274	N	15	70	70	30	3	<10	50	15	N	30	N	150	150	N	30
ACJ278	N	15	70	50	30	3	<10	30	10	N	15	N	200	150	N	30
ACJ280	N	30	70	100	30	N	10	150	15	N	15	N	150	150	N	30
ACJ282	N	15	70	70	30	3	15	30	15	N	20	N	200	200	N	30
ACJ283	N	10	70	50	N	N	N	30	<10	N	15	N	200	150	N	20
ACJ285	N	7	50	30	N	N	N	20	10	N	15	N	200	70	N	15
ACJ288	N	15	150	100	N	N	10	50	15	N	30	N	200	150	N	30
ACJ294	N	20	150	70	N	3	<10	70	10	N	30	N	200	200	N	30
ACJ114	N	20	100	70	30	N	<10	70	20	N	--	N	150	150	N	30
ACJ115	N	20	70	70	30	N	<10	70	20	N	--	N	150	150	N	30
ACJ116	N	15	100	70	30	N	<10	70	20	N	--	N	150	150	N	30
ACJ117	N	20	100	100	30	N	<10	70	20	N	--	N	150	150	N	30
ACJ118	N	15	70	70	N	N	<10	30	20	N	--	N	300	150	N	30
ACJ119	N	20	70	70	30	N	<10	70	20	N	--	N	150	150	N	30
ACJ120	N	20	100	70	30	N	<10	70	20	N	--	N	150	150	N	30
ACJ121	N	20	100	70	30	N	<10	50	20	N	--	N	150	150	N	30
ACJ124	N	30	100	150	30	N	10	50	20	N	--	N	300	150	N	50
ACJ126	N	20	150	100	30	N	10	70	20	N	--	N	150	150	N	30
ACG895	N	20	150	70	N	N	<10	70	15	N	--	N	150	150	N	30
ACG887	N	15	150	70	50	N	N	70	50	N	--	N	150	150	N	30
ACG888	N	20	150	100	30	N	<10	70	30	N	--	N	150	150	N	50
ACG889	N	15	150	70	30	N	<10	70	20	N	--	N	150	150	N	30
ACG891	N	15	150	70	30	N	<10	70	15	N	--	N	150	150	N	30
ACG892	N	15	150	70	30	N	<10	70	15	N	--	N	150	150	N	30
ACG893	N	20	150	100	30	N	10	70	15	N	--	N	200	150	N	50
ACG896	N	20	150	70	N	N	<10	70	30	N	--	N	150	150	N	30
ACG897	N	20	150	100	30	N	<10	70	20	N	--	N	150	200	N	50
ACG899	N	15	150	100	30	N	<10	70	30	N	--	N	150	150	N	30
ACG900	N	15	150	70	N	N	<10	70	30	N	--	N	150	150	N	30

STREAM SEDIMENT AND GLACIAL DEBRIS--continued

sample	S-ZN	S-ZR	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P
ACL059	<200	150	<.02	--	--	--
ACJ220	N	300	<.02	--	--	--
ACJ221	N	100	<.02	--	--	--
ACJ234	N	300	<.02	--	--	--
ACJ235	<200	300	<.02	--	--	--
ACJ237	N	200	<.02	--	--	--
ACJ239	N	150	<.02	--	--	--
ACJ240	1,000	200	<.02	--	--	--
ACJ241	700	200	<.02	--	--	--
ACJ244	300	200	<.02	--	--	--
ACJ245	<200	200	<.02	--	--	--
ACJ251	700	150	<.02	--	--	--
ACJ258	N	150	<.02	--	--	--
ACJ266	300	150	<.02	--	--	--
ACJ270	N	150	<.02	--	--	--
ACJ271	N	200	<.02	--	--	--
ACJ274	N	150	<.02	--	--	--
ACJ278	N	150	<.02	--	--	--
ACJ280	1,500	70	<.02	--	--	--
ACJ282	N	150	<.02	--	--	--
ACJ283	N	70	<.02	--	--	--
ACJ285	N	70	<.02	--	--	--
ACJ288	N	100	<.02	--	--	--
ACJ294	N	70	<.02	--	--	--
ACJ114	N	150	<.02	--	--	--
ACJ115	N	150	<.02	--	--	--
ACJ116	N	150	<.02	--	--	--
ACJ117	N	150	<.02	--	--	--
ACJ118	N	100	<.02	--	--	--
ACJ119	N	150	<.02	--	--	--
ACJ120	N	150	<.02	--	--	--
ACJ121	N	150	<.02	--	--	--
ACJ124	N	150	<.02	--	--	--
ACJ126	N	150	<.02	--	--	--
ACG895	N	150	<.02	--	--	--
ACG887	N	150	<.02	--	--	--
ACG883	N	150	<.02	--	--	--
ACG889	N	150	<.02	--	--	--
ACG891	N	150	<.02	--	--	--
ACG892	N	150	<.02	--	--	--
ACG893	N	150	<.02	--	--	--
ACG896	N	150	<.02	--	--	--
ACG697	N	150	<.02	--	--	--
ACG699	N	150	<.02	--	--	--
ACG900	N	150	<.02	--	--	--

STREAM SEDIMENT AND GLACIAL DEBRIS--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	S-BI
ACJ302	62.4736	152.8769	2.0	2.00	5.00	.30	300	N	N	N	--	700	N	N
ACJ303	62.4703	152.6825	3.0	1.50	5.00	.30	500	N	N	N	--	700	1.0	N
ACJ320	62.8061	152.4839	2.0	1.50	.50	.30	700	N	N	N	150	1,500	1.0	N
ACJ321	62.8072	152.4808	2.0	1.50	.50	.30	700	N	N	N	150	1,500	1.5	N
ACJ340	62.7100	152.4411	3.0	1.50	1.00	.30	500	N	N	N	70	5,000	1.5	N
ACJ343	62.6633	152.4775	3.0	2.00	3.00	.30	700	<.5	N	N	70	3,000	1.5	N
ACJ345	62.6663	152.5392	3.0	1.50	3.00	.30	500	N	N	N	70	1,500	1.0	N
ACJ349	62.6714	152.5489	3.0	1.50	3.00	.30	700	N	N	N	70	1,500	1.0	N
ACJ353	62.6169	152.7494	3.0	2.00	3.00	.30	700	N	N	N	100	1,000	1.0	N
ACJ356	62.6167	152.7864	3.0	1.50	2.00	.30	300	N	N	N	150	1,000	1.5	N
ACJ359	62.6297	152.7586	3.0	2.00	1.50	.50	700	N	N	N	70	1,000	1.5	N
ACJ362	62.6522	152.7661	3.0	3.00	3.00	.30	300	N	N	N	70	700	1.5	N
ACJ364	62.6558	152.7458	3.0	3.00	2.00	.30	300	N	N	N	70	1,000	1.0	N
ACJ369	62.6803	152.7383	5.0	3.00	3.00	.50	700	N	N	N	70	300	N	N
ACJ371	62.6831	152.7192	2.0	1.00	.70	.30	500	N	N	N	70	1,000	1.5	N
ACJ379	62.7897	152.8058	3.0	1.50	1.50	.70	1,000	N	N	N	70	2,000	1.0	N
ACJ381	62.7967	152.7361	1.5	1.50	.70	.30	700	N	N	N	70	1,500	1.0	N
ACJ384	62.7244	152.6742	3.0	2.00	.70	.50	1,000	N	N	N	100	1,000	1.5	N
ACJ391	62.7453	152.6603	5.0	1.50	1.50	.70	500	N	N	N	70	1,000	1.5	N
ACJ397	62.7542	152.6247	3.0	3.00	3.00	.50	1,500	N	N	N	70	1,000	1.5	N
ACJ399	62.7575	152.6261	3.0	1.50	.70	.70	1,000	N	N	N	100	1,000	3.0	N
ACJ504	62.8364	152.0814	3.0	2.00	1.50	.50	1,000	N	N	N	--	1,500	1.5	N
ACJ505	62.8364	152.0889	1.5	.70	.30	.15	700	N	N	N	--	700	7.0	N
ACJ209	62.5172	152.9689	.7	3.00	>10.00	.15	200	N	N	N	--	200	N	N
ACJ086	62.4281	152.9103	2.0	.15	>10.00	.02	1,500	N	N	N	--	70	N	N
ACJ088	62.4925	152.8356	3.0	7.00	3.00	.30	1,000	N	N	N	--	300	N	N
ACJ089	62.5269	152.6606	.7	.70	3.00	.10	500	N	N	N	--	700	3.0	N
ACJ091	62.5975	152.7250	3.0	2.00	3.00	.30	700	N	N	N	--	1,500	1.0	N
ACJ094	62.5925	152.7125	3.0	1.50	3.00	.30	300	N	N	N	--	1,500	1.0	N
ACJ422	62.6339	152.0622	2.0	1.00	3.00	.30	300	N	N	N	--	1,500	1.5	N
75AR47A	62.5639	151.1792	5.0	1.50	1.00	1.00	2,000	.7	N	N	200	1,500	1.5	N
75AR48S	62.6089	150.9692	5.0	1.50	.70	1.00	2,000	.5	N	N	150	1,500	1.0	N
75AR49S	62.6089	150.9692	5.0	1.50	2.00	>1.00	3,000	<.5	N	N	150	2,000	1.5	N
75AR51S	62.6089	150.9692	5.0	1.50	3.00	1.00	2,000	.7	N	N	150	1,500	2.0	N
75AR56S	62.6972	151.8083	5.0	10.00	2.00	.30	1,500	N	N	N	200	1,000	1.5	N
76ANS36B	62.0236	152.0153	20.0	1.50	1.00	1.00	2,000	N	N	N	200	1,000	1.0	N
76ANS44A	62.6458	151.0681	15.0	1.50	1.00	1.00	2,000	N	N	N	100	1,500	1.0	N
76ANS44B	62.6736	151.0722	10.0	2.00	1.50	.50	2,000	N	N	N	100	1,000	2.0	N
76ANS44C	62.6250	151.0897	10.0	2.00	.50	.50	1,500	N	N	N	100	1,000	2.0	N
76ANS44Z	62.6833	150.6639	7.0	.70	1.50	.50	1,000	N	N	N	30	1,000	2.0	N
76ANS50A	62.7181	150.8250	10.0	2.00	.70	.50	3,000	N	<200	N	100	700	2.0	N
76ANS50B	62.7153	150.8153	10.0	2.00	.70	.50	3,000	N	700	N	100	1,000	2.0	N
76AR118A	62.0111	152.8903	7.0	2.00	3.00	--	700	1.0	500	N	100	1,000	3.0	N
76AR119	62.0097	152.8917	10.0	3.00	3.00	--	1,000	1.0	1,000	N	70	1,000	3.0	N
76AR120C	62.0014	152.9194	10.0	3.00	3.00	--	1,000	1.5	1,000	N	50	1,000	3.0	N

STREAM SEDIMENT AND GLACIAL DEBRIS--continued

sample	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR	S-V	S-W	S-Y
ACJ302	N	10	100	70	30	N	<10	30	15	N	--	N	500	150	N	20
ACJ303	N	15	100	70	70	N	<10	30	15	N	--	N	700	150	N	30
ACJ320	N	15	70	70	30	3	15	30	20	N	15	10	100	100	N	30
ACJ321	N	15	70	70	70	3	15	30	20	N	15	N	100	100	N	30
ACJ340	N	15	70	70	30	3	15	50	15	N	20	N	200	150	N	30
ACJ343	N	15	150	70	30	5	10	70	15	N	15	N	200	200	N	30
ACJ345	N	15	70	70	30	3	<10	50	15	N	15	N	200	150	N	30
ACJ349	N	15	150	100	30	3	<10	70	15	N	20	N	200	150	N	30
ACJ353	N	15	100	70	30	N	<10	70	15	N	20	N	150	150	N	30
ACJ356	N	15	150	70	30	5	10	100	20	N	15	N	150	200	N	30
ACJ359	N	20	70	70	30	7	10	70	15	N	30	N	150	200	N	50
ACJ362	N	15	70	70	30	N	<10	70	20	N	15	N	150	150	N	20
ACJ364	N	20	200	70	30	3	10	70	15	N	30	N	150	200	N	30
ACJ369	N	30	70	200	N	N	10	70	15	N	30	N	200	150	N	30
ACJ371	N	15	70	70	30	N	<10	70	15	N	15	N	150	100	N	30
ACJ379	N	20	70	150	30	3	10	50	30	N	30	N	150	150	N	30
ACJ381	N	15	70	70	50	5	10	30	15	N	15	N	150	150	N	30
ACJ384	N	30	150	150	30	3	15	70	15	N	20	N	150	200	N	30
ACJ391	N	30	150	70	70	3	30	70	30	N	15	N	200	150	N	70
ACJ397	N	30	150	100	30	3	15	70	15	N	30	N	200	200	N	30
ACJ399	N	20	70	30	70	5	15	50	30	N	20	N	150	150	N	30
ACJ504	N	20	100	100	30	N	<10	70	15	N	--	N	150	150	N	30
ACJ505	N	5	30	20	<30	5	15	7	15	N	--	15	70	100	N	70
ACJ209	N	3	30	20	N	N	N	10	10	N	--	N	2,000	50	N	10
ACJ086	N	N	15	7	N	N	N	7	N	N	--	N	10,000	7	N	N
ACJ088	N	30	500	150	N	N	N	300	10	N	--	N	150	150	N	15
ACJ089	N	5	30	20	N	N	N	15	15	N	--	N	150	150	N	30
ACJ091	N	15	150	100	N	N	N	70	10	N	--	N	150	200	N	30
ACJ094	N	15	150	70	30	N	N	70	10	N	--	N	150	200	N	30
ACJ422	N	7	30	50	<30	3	<10	30	<10	N	--	N	200	150	N	20
75AR47A	N	50	200	100	100	N	N	200	30	N	30	N	150	300	N	50
75AR48S	N	30	100	70	70	N	N	150	20	N	20	N	150	300	N	30
75AR49S	N	30	70	70	70	N	N	100	30	N	30	N	200	300	N	30
75AR51S	N	20	70	70	70	N	N	100	30	N	20	N	500	200	N	30
75AR56S	N	50	700	70	200	N	N	1,000	15	N	10	N	100	150	N	50
76ANS36B	N	50	200	100	50	N	<20	150	50	N	20	N	200	500	N	30
76ANS44A	N	50	200	150	100	N	<20	150	50	N	20	N	200	500	N	30
76ANS44B	N	30	200	100	50	N	<20	200	50	N	10	N	200	200	N	30
76ANS44C	N	30	150	100	50	N	<20	100	50	N	15	N	200	300	N	30
76ANS44Z	N	10	50	30	150	N	<20	10	50	N	15	N	200	70	N	100
76ANS50A	N	30	150	100	50	N	<20	150	50	N	20	20	200	500	N	30
76ANS50D	N	30	100	150	50	N	<20	100	50	N	20	100	200	300	N	30
76AR118A	N	20	50	150	50	N	<20	20	70	N	15	N	1,000	100	N	20
76AR119	N	30	150	150	50	N	<20	50	70	N	15	N	1,000	150	N	30
76AR120C	N	30	100	200	50	N	<20	50	70	N	15	N	1,000	150	N	30

STREAM SEDIMENT AND GLACIAL DEBRIS--continued

sample	S-ZN	S-ZR	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P
ACJ302	N	70	<.02	--	--	--
ACJ303	N	100	<.02	--	--	--
ACJ320	N	150	<.02	--	--	--
ACJ321	N	150	--	--	--	--
ACJ340	N	150	<.02	--	--	--
ACJ343	500	150	<.02	--	--	--
ACJ345	N	150	<.02	--	--	--
ACJ349	N	150	<.02	--	--	--
ACJ355	N	150	<.02	--	--	--
ACJ356	N	150	<.02	--	--	--
ACJ359	N	150	<.02	--	--	--
ACJ362	300	70	<.02	--	--	--
ACJ364	N	70	<.02	--	--	--
ACJ369	N	30	<.02	--	--	--
ACJ371	N	100	<.02	--	--	--
ACJ379	N	100	<.02	--	--	--
ACJ381	N	150	<.02	--	--	--
ACJ384	200	150	<.02	--	--	--
ACJ391	N	150	<.02	--	--	--
ACJ397	200	100	<.02	--	--	--
ACJ399	300	300	<.02	--	--	--
ACJ504	200	200	<.02	--	--	--
ACJ505	N	100	<.02	--	--	--
ACJ209	N	20	<.02	--	--	--
ACJ086	N	N	<.10	--	--	--
ACJ088	N	70	<.02	--	--	--
ACJ089	N	100	<.02	--	--	--
ACJ091	N	100	<.02	--	--	--
ACJ094	N	150	<.02	--	--	--
ACJ422	N	150	<.02	--	--	--
75AR47A	<200	300	N	--	--	--
75AR48S	<200	200	N	--	--	--
75AR49S	200	200	N	--	--	--
75AR51S	200	200	N	--	--	--
75AR56S	<200	200	N	--	--	--
76ANS36B	300	300	.50	--	--	--
76ANS44A	200	300	N	--	--	--
76ANS44B	<200	300	N	--	--	--
76ANS44C	200	200	N	--	--	--
76ANS44Z	N	>1,000	N	--	--	--
76ANS50A	200	500	N	--	--	--
76ANS50B	200	200	.40	--	--	--
76AR118A	N	200	.05	--	--	--
76AR119	N	300	.20	--	--	--
76AR120C	N	150	.10	--	--	--

STREAM SEDIMENT AND GLACIAL DEBRIS--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	S-BI
76AR155A	62.9722	152.2931	5.0	.50	1.50	--	1,000	N	N	N	50	1,000	5.0	N
76AR165	62.8667	150.2194	15.0	7.00	7.00	--	1,500	N	N	N	50	700	1.0	N
76AR188	62.8958	150.1986	10.0	2.00	1.50	--	2,000	N	N	N	50	1,000	2.0	N
76AR189	62.9306	150.1333	10.0	2.00	1.00	--	2,000	N	<200	N	100	1,500	1.5	N
76AR190	62.9486	150.1194	15.0	1.50	1.50	--	1,500	N	N	N	100	1,000	2.0	N
76AR192	62.9694	150.0736	15.0	5.00	.50	--	1,000	N	N	N	70	700	2.0	N
76AR203	62.9292	150.4653	2.0	.20	1.00	--	500	<.5	N	N	50	700	5.0	N
76AR204	62.9319	150.4167	1.5	.20	1.00	--	500	N	N	N	20	700	3.0	N
76AR205	62.9361	150.3528	1.5	.20	1.50	--	500	N	N	N	50	700	5.0	N
76AR206	62.9403	150.3208	2.0	.20	1.50	--	700	N	N	N	20	700	5.0	N
76AR207	62.9181	150.2778	3.0	.50	1.50	--	700	N	N	N	50	700	5.0	N
76AR208	62.9347	150.2611	3.0	.50	1.50	--	700	N	N	N	20	700	5.0	N
76AR209	62.9556	150.2694	7.0	.50	2.00	--	700	N	N	N	20	1,000	5.0	N
76AR210	62.9625	150.2875	7.0	.50	1.50	--	700	N	N	N	20	1,000	5.0	N
76AR211	62.9750	150.3194	5.0	.50	1.50	--	700	1.0	N	N	20	1,000	5.0	N
76AR212	62.9611	150.2500	7.0	.50	1.50	--	700	1.0	N	N	20	1,000	3.0	N
76AR227A	62.6653	151.1431	3.0	.50	1.50	.15	1,000	N	N	N	200	1,000	3.0	N
76AR227G	62.6653	151.1431	3.0	.70	1.50	.15	1,000	N	N	N	500	700	3.0	N
76AR234	62.6417	151.2708	2.0	.30	2.00	.50	1,000	N	<200	N	200	700	2.0	N
76AR242	62.9528	150.0972	15.0	5.00	1.00	.70	1,500	<.5	N	N	100	700	<1.0	N
76AR95L	62.0269	152.1792	15.0	1.00	.70	--	1,500	N	N	N	100	1,000	2.0	N
TK0001S	62.7061	152.5592	7.0	.50	.15	.50	300	N	N	N	150	1,000	2.0	N
TK0002S	62.7042	152.5975	7.0	1.00	1.00	.50	1,500	N	N	N	200	1,000	2.0	N
TK0003S	62.7100	152.5494	7.0	3.00	1.50	.70	700	N	N	N	100	1,000	1.5	N
TK0004S	62.7064	152.6064	7.0	3.00	1.00	.70	5,000	N	N	N	200	1,000	2.0	N
TK0005S	62.7169	152.5286	7.0	3.00	1.00	.70	700	N	N	N	150	1,500	1.5	N
TK0006S	62.7031	152.6136	7.0	7.00	5.00	.70	1,500	N	N	N	100	500	1.0	N
TK0008S	62.7231	152.6192	10.0	5.00	5.00	1.00	2,000	N	<200	N	200	500	1.5	N
TK0009S	62.7381	152.5428	7.0	3.00	.70	.50	3,000	N	N	N	500	1,000	2.0	N
TK0015S	62.8847	152.2364	--	--	--	.20	--	N	500	--	--	--	3.0	--
TK0016S	62.7161	152.6192	10.0	3.00	2.00	.70	1,000	N	N	N	200	700	1.5	N
TK0017S	62.8853	152.2292	--	--	--	.10	--	2.0	N	--	--	--	3.0	--
TK0021S	62.8931	152.2392	--	--	--	.20	--	N	N	--	--	--	3.0	--
TK0022S	62.7275	152.6219	7.0	5.00	3.00	.70	3,000	N	N	N	100	700	1.5	N
TK0023S	62.8939	152.2317	--	--	--	.10	--	N	N	--	--	--	3.0	--
TK0025S	62.8972	152.2317	3.0	1.50	.70	.20	1,000	N	N	N	500	500	3.0	N
TK0025S	62.8972	152.2317	--	--	--	.10	--	N	N	--	--	--	2.0	--
TK0026S	62.7319	152.6333	10.0	3.00	3.00	1.00	2,000	N	N	N	100	700	1.5	N
TK0027S	62.9017	152.2269	--	--	--	.30	--	1.0	N	--	--	--	3.0	--
TK0028S	62.7378	152.6283	7.0	1.00	.50	.50	2,000	N	N	N	200	3,000	1.5	N
TK0029S	62.9011	152.2169	5.0	.70	.70	.20	1,000	N	200	N	500	500	3.0	N
TK0033S	62.9053	152.2069	--	--	--	.30	--	N	N	--	--	--	3.0	--
TK0034S	62.7456	152.6400	7.0	1.00	1.50	.70	1,500	N	N	N	500	1,000	2.0	N
TK0034S	62.7456	152.6400	10.0	1.00	2.00	.50	2,000	N	N	N	100	700	2.0	N
TK0035S	62.9028	152.1994	--	--	--	.30	--	N	N	--	--	--	3.0	--

STREAM SEDIMENT AND GLACIAL DEBRIS--continued

sample	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR	S-V	S-W	S-Y
76AR155A	N	10	N	30	150	N	<20	10	70	N	20	N	300	50	N	70
76AR165	N	50	700	100	50	N	<20	150	20	N	30	N	300	200	N	30
76AR188	N	30	150	70	100	N	<20	150	50	N	20	N	500	200	N	50
76AR189	N	50	150	100	50	N	<20	150	30	N	20	N	300	200	N	50
76AR190	N	50	300	100	50	N	<20	150	30	N	20	N	300	200	N	30
76AR192	N	50	300	100	50	N	<20	150	20	N	20	N	500	200	N	20
76AR203	N	<5	N	150	70	N	<20	<5	70	N	10	30	200	10	N	30
76AR204	N	<5	N	<5	100	N	<20	<5	50	N	<5	N	200	10	N	30
76AR205	N	<5	N	<5	300	N	<20	<5	70	N	<5	N	200	10	N	150
76AR206	N	<5	N	<5	500	N	<20	<5	70	N	15	30	200	10	N	200
76AR207	N	<5	N	15	500	N	<20	<5	70	N	20	N	200	20	N	70
76AR208	N	<5	N	7	200	N	<20	<5	50	N	20	N	200	20	N	50
76AR209	N	<5	N	20	200	N	<20	<5	70	N	20	N	300	30	N	100
76AR210	N	<5	N	15	200	N	<20	<5	70	N	15	N	200	30	N	150
76AR211	N	<5	N	10	200	N	<20	<5	70	N	15	N	300	20	N	150
76AR212	N	<5	N	15	200	N	<20	<5	70	N	20	N	200	20	N	100
76AR227A	N	<5	10	5	50	N	<20	<5	100	N	5	N	200	20	N	150
76AR227G	N	<5	<10	10	300	N	<20	<5	100	N	5	N	100	20	N	150
76AR234	N	30	<10	<5	300	N	<20	50	70	N	5	N	200	10	N	200
76AR242	N	50	300	150	50	N	<20	150	50	N	20	N	200	500	N	30
76AR95L	N	30	150	100	50	N	<20	100	50	N	20	N	300	200	N	30
TK0001S	N	20	150	30	30	N	N	70	20	N	15	N	100	150	N	20
TK0002S	N	30	150	100	30	N	N	70	20	N	20	N	100	200	N	20
TK0003S	N	30	150	100	30	N	N	70	20	N	20	N	100	200	N	30
TK0004S	N	30	150	70	30	N	N	70	30	N	20	N	100	200	N	20
TK0005S	N	20	150	70	30	N	N	70	20	N	20	N	100	200	N	20
TK0006S	N	20	150	70	30	N	N	70	20	N	30	N	100	300	N	20
TK0008S	N	50	150	100	20	N	N	100	10	N	30	N	150	300	N	30
TK0009S	N	30	150	150	30	N	N	70	30	N	20	N	100	200	N	20
TK0015S	N	10	--	30	--	N	--	50	30	N	--	10	--	--	100	--
TK0016S	N	50	200	150	30	N	N	70	20	N	20	N	100	200	N	30
TK0017S	N	5	--	20	--	N	--	15	100	N	--	N	--	--	N	--
TK0021S	N	5	--	30	--	N	--	30	30	N	--	N	--	--	N	--
TK0022S	N	30	150	100	30	N	N	70	10	N	30	N	100	300	N	30
TK0023S	N	5	--	15	--	N	--	15	30	N	--	N	--	--	N	--
TK0025S	N	10	50	30	20	N	N	30	50	70	7	N	150	70	N	20
TK0025S	N	N	--	20	--	N	--	10	20	N	--	N	--	--	N	--
TK0026S	N	30	200	150	20	N	N	100	10	N	30	N	150	300	N	30
TK0027S	N	15	--	30	--	N	--	30	50	N	--	N	--	--	N	--
TK0028S	N	20	100	70	30	20	N	150	20	N	15	N	150	300	N	20
TK0029S	N	15	50	30	20	N	N	30	50	N	10	N	150	70	N	20
TK0033S	N	15	--	30	--	N	--	30	30	N	--	N	--	--	N	--
TK0034S	N	30	150	100	30	N	N	70	20	N	15	N	150	200	N	30
TK0034S	N	30	70	70	20	N	N	100	15	N	15	N	150	150	N	20
TK0035S	N	15	--	30	--	N	--	30	[illegible]	N	--	N	--	--	N	--

STREAM SEDIMENT AND GLACIAL DEBRIS--continued

sample	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR	S-V	S-W	S-Y
TK0036S	N	50	150	500	30	N	N	100	20	N	30	N	200	300	N	30
TK0037S	N	15	--	50	--	N	--	50	30	N	--	N	--	--	N	--
TK0038S	N	20	100	70	50	N	N	50	30	N	15	N	100	200	N	30
TK0040S	N	20	100	70	70	N	N	70	30	N	15	N	100	200	N	30
TK0041S	N	15	--	30	--	N	--	50	30	N	--	N	--	--	N	--
TK0042S	N	20	150	50	70	N	N	70	30	N	15	N	100	150	N	20
TK0043S	N	15	--	70	--	N	--	70	50	N	--	N	--	--	N	--
TK0044S	N	30	150	100	50	N	N	100	50	N	20	N	100	200	N	30
TK0045S	N	15	--	30	--	N	--	30	20	N	--	N	--	--	N	--
TK0046S	N	15	70	50	70	N	N	50	30	N	15	N	100	150	N	30
TK0047S	N	15	--	30	--	N	--	30	30	N	--	N	--	--	N	--
TK0048S	N	15	100	50	70	N	N	70	30	N	20	N	100	200	N	30
TK0049S	N	20	100	70	50	N	N	70	50	N	20	N	150	150	N	50
TK0050S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TK0052S	N	20	100	70	70	N	N	70	30	N	15	N	100	200	N	20
TK0053S	N	10	--	10	--	N	--	30	20	N	--	N	--	--	N	--
TK0054S	N	20	70	50	50	N	N	70	30	N	15	N	150	150	N	30
TK0056S	N	20	100	50	50	N	N	70	30	N	15	N	100	150	N	30
TK0059S	N	30	100	100	70	N	N	70	50	N	15	N	100	200	N	30
TK0060S	N	20	100	100	70	10	N	70	50	N	15	N	100	200	N	30
TK0062S	N	20	100	150	50	N	N	70	70	N	15	N	100	200	N	30
TK0063S	N	15	--	30	--	N	--	70	30	N	--	N	--	--	N	--
TK0064S	N	30	100	150	50	N	N	70	30	N	15	N	150	200	N	30
TK0065S	N	15	--	50	--	N	--	70	30	N	--	20	--	--	N	--
TK0066S	N	30	150	100	30	N	N	70	30	N	20	N	100	200	N	30
TK0067S	N	10	--	15	--	N	--	10	30	N	--	N	--	--	N	--
TK0068D	N	50	150	100	70	N	<20	100	100	N	20	N	100	200	N	30
TK0070D	N	50	150	100	70	N	<20	70	100	N	20	N	100	200	N	30
TK0071S	N	15	--	30	--	N	--	50	30	N	--	N	--	--	N	--
TK0072D	N	30	150	100	70	N	<20	100	50	N	20	N	200	200	N	30
TK0073S	N	20	150	70	30	N	N	70	20	N	15	N	100	150	N	20
TK0074S	N	20	100	100	30	10	N	70	30	N	20	N	100	200	N	30
TK0075S	N	20	100	70	30	N	N	70	30	N	20	N	100	200	N	20
TK0077S	N	20	100	70	30	N	N	70	20	N	20	N	100	200	N	20
TK0079S	N	30	150	150	30	10	N	100	20	N	20	N	200	200	N	30
TK0084S	N	20	150	70	30	N	N	100	30	N	20	N	100	200	N	30
TK0086S	N	20	150	50	30	10	N	70	30	N	15	N	100	200	N	30
TK0088S	N	30	150	100	30	10	N	70	30	N	15	N	150	200	N	20
TK0090S	N	50	150	150	30	10	N	150	50	N	20	N	150	200	N	30
TK0092S	N	20	150	70	30	10	N	70	30	N	15	N	100	200	N	20
TK0094S	N	30	150	100	30	10	N	100	30	N	15	N	150	200	N	30
TK0095S	N	30	150	70	30	N	N	70	30	N	15	N	150	200	N	30
TK0098S	N	30	150	100	30	N	N	70	30	N	15	N	100	200	N	20
TK0100S	N	30	150	100	30	N	N	100	30	N	15	N	100	200	N	30
TK0102S	N	20	150	100	30	N	N	100	30	N	15	N	150	200	N	20

STREAM SEDIMENT AND GLACIAL DEBRIS--continued

sample	S-ZN	S-ZR	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P
76AR155A	N	>1,000	N	--	--	--
76AR165	<200	150	N	--	--	--
76AR188	<200	700	N	--	--	--
76AR189	200	200	.10	--	--	--
76AR190	500	200	N	--	--	--
76AR192	300	100	N	--	--	--
76AR203	N	300	N	--	--	--
76AR204	N	200	N	--	--	--
76AR205	N	200	N	--	--	--
76AR206	N	>1,000	N	--	--	--
76AR207	N	700	N	--	--	--
76AR208	N	>1,000	N	--	--	--
76AR209	N	500	N	--	--	--
76AR210	<200	700	N	--	--	--
76AR211	N	700	N	--	--	--
76AR212	N	700	N	--	--	--
76AR227A	N	500	N	--	--	--
76AR227G	N	700	.05	--	--	--
76AR234	N	>1,000	.20	--	--	--
76AR242	200	200	N	--	--	--
76AR95L	500	200	N	--	--	--
TK0001S	<200	200	N	55	10	130
TK0002S	200	100	--	110	30	180
TK0003S	<200	150	N	120	10	120
TK0004S	<200	150	--	100	20	170
TK0005S	<200	150	N	100	10	160
TK0006S	N	100	N	120	5	110
TK0008S	<200	150	N	120	20	130
TK0009S	<200	150	N	150	20	170
TK0015S	200	--	N	--	--	150
TK0016S	<200	150	N	140	15	170
TK0017S	300	--	N	--	--	450
TK0021S	N	--	N	--	--	160
TK0022S	200	100	N	110	10	190
TK0023S	300	--	N	--	--	160
TK0025S	<200	100	N	35	45	150
TK0025S	N	--	N	--	--	200
TK0026S	200	150	N	120	15	2,700
TK0027S	200	--	.05	--	--	160
TK0028S	1,000	150	N	75	20	710
TK0029S	N	100	N	40	45	120
TK0033S	<200	--	N	--	--	120
TK0034S	300	150	N	130	25	300
TK0034S	500	100	N	60	10	620
TK0035S	N	--	N	--	--	100

STREAM SEDIMENT AND GLACIAL DEBRIS--continued

sample	S-ZN	S-ZR	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P
TK0036S	300	150	N	120	15	310
TK0037S	N	--	.05	--	--	90
TK0038S	200	200	N	70	35	180
TK0040S	300	150	N	80	35	330
TK0041S	N	--	N	--	--	110
TK0042S	<200	200	N	75	50	130
TK0043S	200	--	N	--	--	190
TK0044S	200	200	--	75	30	260
TK0045S	N	--	N	--	--	130
TK0046S	<200	200	--	55	30	170
TK0047S	N	--	N	--	--	80
TK0048S	<200	150	--	50	50	190
TK0049S	N	300	N	50	30	100
TK0050S	--	--	--	--	--	--
TK0052S	200	150	N	75	65	200
TK0053S	N	--	N	--	--	60
TK0054S	<200	150	--	55	40	160
TK0056S	<200	150	--	50	20	300
TK0058S	<200	300	N	85	60	190
TK0060S	200	150	--	80	60	280
TK0062S	200	150	--	110	60	180
TK0063S	200	--	N	--	--	100
TK0064S	200	200	--	90	40	270
TK0065S	N	--	N	--	--	100
TK0066S	200	150	--	90	40	260
TK0067S	N	--	N	--	--	55
TK0068D	200	300	--	80	65	250
TK0070D	<200	300	--	80	55	170
TK0071S	300	--	N	--	--	210
TK0072D	200	200	--	80	40	170
TK0073S	<200	150	N	70	10	160
TK0074S	200	150	N	110	30	250
TK0075S	200	150	.05	65	20	200
TK0077S	<200	150	N	80	15	160
TK0079S	<200	200	N	130	20	170
TK0084S	200	150	N	50	30	150
TK0086S	200	150	--	50	30	200
TK0088S	300	150	N	55	25	260
TK0090S	200	200	N	95	30	240
TK0092S	200	150	--	90	25	250
TK0094S	300	200	--	75	30	280
TK0096S	200	150	N	65	30	200
TK0098S	200	200	--	75	40	240
TK0100S	300	200	--	100	35	220
TK0102S	300	200	--	80	15	320

STREAM SEDIMENT AND GLACIAL DEBRIS--continued

sample	LATITUDE	LONGITUD	S-FEX	S-MGX	S-CAX	S-TIX	S-MN	S-AG	S-AS	S-AU	S-B	S-BA	S-BE	S-BI
TK0036S	62.7467	152.6536	10.0	2.00	3.00	1.00	2,000	N	N	N	150	700	1.5	N
TK0037S	62.9053	152.1958	--	--	--	.30	--	N	N	--	--	--	3.0	--
TK0038S	62.7508	152.6500	7.0	.70	.50	1.00	1,000	N	N	N	150	1,500	3.0	N
TK0040S	62.9017	152.0383	7.0	.70	.30	.50	700	N	N	N	150	2,000	5.0	N
TK0041S	62.9064	152.1869	--	--	--	.50	--	N	N	--	--	--	30.0	--
TK0042S	62.9022	152.0433	7.0	1.00	.50	.70	700	N	N	N	300	700	3.0	N
TK0043S	62.9053	152.1833	--	--	--	.30	--	.5	N	--	--	--	5.0	--
TK0044S	62.9033	152.0311	10.0	1.50	.70	.70	700	N	N	N	200	2,000	3.0	N
TK0045S	62.9058	152.1744	--	--	--	.30	--	N	N	--	--	--	5.0	--
TK0046S	62.9061	152.0261	7.0	1.00	.50	.50	500	N	N	N	150	2,000	2.0	N
TK0047S	62.9075	152.1694	--	--	--	.30	--	N	N	--	--	--	2.0	--
TK0048S	62.9108	152.0286	7.0	1.00	.70	.70	500	N	N	N	150	2,000	2.0	N
TK0049S	62.9053	152.1658	10.0	1.50	.70	.70	1,500	N	N	N	300	700	5.0	N
TK0050S	62.9142	152.0350	--	--	--	--	--	--	--	--	--	--	--	--
TK0052S	62.9153	152.0436	7.0	1.00	1.00	.70	700	N	N	N	300	1,000	3.0	N
TK0053S	62.9011	152.1508	--	--	--	.07	--	N	N	--	--	--	3.0	--
TK0054S	62.9192	152.0400	7.0	1.50	1.50	.50	1,000	N	N	N	150	1,500	2.0	N
TK0056S	62.9261	152.0425	7.0	1.50	1.00	.70	700	N	N	N	150	1,500	2.0	N
TK0058S	62.8200	152.4567	7.0	1.50	1.50	1.00	1,500	N	N	N	300	2,000	3.0	N
TK0060S	62.8156	152.4517	7.0	1.50	1.50	.70	700	N	N	N	300	2,000	3.0	N
TK0062S	62.8150	152.4603	7.0	1.50	.50	.70	2,000	N	N	N	300	1,500	3.0	N
TK0063S	62.8614	152.2272	--	--	--	.30	--	N	N	--	--	--	3.0	--
TK0064S	62.8133	152.4517	7.0	1.50	1.50	.70	1,000	N	N	N	300	3,000	3.0	N
TK0065S	62.8561	152.2286	--	--	--	.30	--	N	N	--	--	--	3.0	--
TK0066S	62.8111	152.4467	7.0	1.00	.70	.70	1,000	N	N	N	300	3,000	3.0	N
TK0067S	62.8522	152.2306	--	--	--	.10	--	N	N	--	--	--	10.0	--
TK0068D	62.8081	152.4417	10.0	1.50	1.00	.50	1,500	N	N	N	150	1,500	1.5	N
TK0070D	62.8053	152.4389	7.0	1.50	.50	.50	1,500	N	N	N	150	150	1.5	N
TK0071S	62.8397	152.2681	--	--	--	.20	--	N	N	--	--	--	5.0	--
TK0072D	62.8036	152.4303	7.0	1.00	.30	.30	1,500	N	N	N	200	2,000	1.5	N
TK0073S	62.7133	152.5508	7.0	.70	.50	.50	700	N	N	N	150	1,000	2.0	N
TK0074S	62.8025	152.4203	7.0	1.00	.70	.70	1,500	N	N	N	200	2,000	3.0	N
TK0075S	62.7089	152.5394	7.0	.70	.30	.70	700	N	N	N	150	2,000	3.0	N
TK0077S	62.7233	152.5214	7.0	.70	.70	.70	700	N	N	N	200	1,000	2.0	N
TK0079S	62.7294	152.5289	7.0	1.00	1.50	.70	3,000	N	N	N	300	1,000	3.0	N
TK0084S	62.7678	152.4481	7.0	1.00	.70	.50	700	N	N	N	300	3,000	3.0	N
TK0086S	62.7700	152.4456	7.0	1.00	1.00	.50	1,000	N	N	N	200	3,000	3.0	N
TK0088S	62.7694	152.4306	7.0	1.00	.50	.50	1,000	N	N	N	300	3,000	2.0	N
TK0090S	62.7673	152.4206	10.0	1.50	1.50	.50	1,500	N	N	N	300	>5,000	2.0	N
TK0092S	62.7731	152.4158	7.0	1.50	.50	.50	700	N	N	N	300	5,000	3.0	N
TK0094S	62.7775	152.4072	7.0	1.50	.70	.50	700	N	N	N	300	3,000	3.0	N
TK0096S	62.7844	152.3961	7.0	1.50	7.00	.50	700	N	N	N	200	1,500	2.0	N
TK0098S	62.7863	152.4000	7.0	1.50	.70	.70	700	N	N	N	300	1,500	2.0	N
TK0100S	62.7911	152.4025	7.0	1.50	1.00	.70	1,500	N	N	N	300	2,000	2.0	N
TK0102S	62.7625	152.4492	7.0	1.00	.70	.50	700	N	N	N	200	5,000	2.0	N

STREAM SEDIMENT AND GLACIAL DEBRIS--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	S-BI
TK0104S	62.7803	152.4706	10.0	1.50	1.00	.70	1,500	N	N	N	300	2,000	2.0	N
TK0106S	62.7739	152.4928	7.0	1.00	.70	.30	1,500	N	N	N	200	5,000	2.0	N
TK0108S	62.7197	152.5311	7.0	1.00	1.00	.50	1,000	N	N	N	100	5,000	2.0	N
TK0110S	62.7358	152.4831	7.0	2.00	1.50	.70	700	N	N	N	100	3,000	2.0	N
TK0112S	62.7556	152.5283	7.0	1.00	1.50	.70	1,000	N	N	N	100	2,000	2.0	N
TK0114S	62.7603	152.5261	7.0	1.00	.70	.50	1,500	N	N	N	300	2,000	2.0	N
TK0116S	62.7611	152.5931	7.0	1.50	1.00	.70	3,000	N	N	N	300	1,000	2.0	N
TK0118S	62.7539	152.5892	7.0	1.00	.70	.30	1,500	N	N	N	200	2,000	2.0	N
TK0120S	62.7497	152.5003	7.0	1.50	1.50	.70	3,000	N	N	N	200	1,000	2.0	N
TK0122S	62.7703	152.6183	7.0	1.50	3.00	.70	2,000	N	N	N	100	700	2.0	N
TK0124S	62.7739	152.6669	7.0	.70	.50	.70	1,000	N	N	N	200	700	2.0	N
TK0126S	62.7786	152.6683	7.0	1.00	.50	.70	700	N	N	N	100	700	2.0	N
TK0128S	62.8242	152.6375	7.0	1.50	1.50	.70	1,500	N	N	N	200	1,000	2.0	N
TK0129S	62.8244	152.7033	7.0	.70	.70	.30	2,000	N	N	N	150	3,000	2.0	N
TK0130S	62.7989	152.7436	7.0	1.00	1.50	.70	1,000	N	N	N	150	2,000	2.0	N
TK0131S	62.8106	152.7914	7.0	1.00	1.00	.70	700	N	N	N	100	1,500	2.0	N
TK0132S	62.7828	152.7914	7.0	1.50	1.00	.70	700	.7	N	N	150	1,500	2.0	N
TK0133S	62.7922	152.6417	5.0	1.00	7.00	.50	1,000	.7	N	N	200	3,000	2.0	N
TK0134S	62.7483	152.6350	3.0	1.50	10.00	.30	700	1.0	N	N	200	1,500	2.0	N
TK0135S	62.7514	152.8064	7.0	1.00	1.50	.70	1,500	N	N	N	100	1,500	1.5	N
TK0136S	62.7592	152.8528	5.0	1.00	1.00	.50	1,500	N	N	N	100	2,000	2.0	N
TK0137S	62.6975	152.7661	7.0	1.50	1.50	1.00	700	N	N	N	150	700	2.0	N
TK0138S	62.7075	152.8011	7.0	1.00	.70	.70	3,000	N	N	N	200	1,500	1.5	N
TK0139S	62.6975	152.8592	7.0	1.50	1.00	.70	1,500	N	N	N	150	2,000	2.0	N
TK0140S	62.6658	152.8256	5.0	1.00	1.00	.50	700	N	N	N	150	1,000	2.0	N
TK0141S	62.7008	152.8667	7.0	1.50	2.00	.50	700	N	N	N	150	1,000	1.5	N
TK0142S	62.6733	152.8186	10.0	2.00	5.00	1.00	1,500	N	N	N	150	300	1.0	N
TK0143S	62.6672	152.8678	7.0	1.00	2.00	.70	700	N	N	N	150	1,000	1.5	N
TK0144S	62.6447	152.8533	7.0	1.50	5.00	.30	300	N	N	N	100	1,000	1.5	N
TK0145S	62.7622	152.3558	7.0	1.00	7.00	.70	500	N	N	N	200	700	1.5	N
TK0146S	62.7753	152.3511	7.0	1.00	1.00	.70	1,500	N	N	N	300	1,000	2.0	N
TK0147S	62.7844	152.3514	5.0	.70	.50	.30	1,500	.7	N	N	150	>5,000	2.0	N
TK0148S	62.7872	152.3553	7.0	1.00	1.00	.50	>5,000	N	N	N	300	>5,000	2.0	N
TK0149S	62.8019	152.3667	7.0	2.00	3.00	.50	1,000	N	N	N	200	1,500	2.0	N
TK0150S	62.8167	152.4056	7.0	.70	.50	.50	3,000	N	N	N	500	3,000	2.0	N
TK0151S	62.8194	152.4917	7.0	1.00	.50	.50	1,500	N	N	N	200	1,500	2.0	N
TK0152S	62.8161	152.5178	7.0	1.00	.50	.70	700	N	N	N	200	700	2.0	N
TK0153S	62.8097	152.5547	7.0	1.00	.70	.70	1,000	N	N	N	150	1,000	2.0	N
TK0154S	62.7800	152.4706	7.0	1.00	.70	.70	1,500	N	N	N	200	2,000	2.0	N
TK0155S	62.7744	152.4928	7.0	1.00	.50	.50	1,500	N	N	N	200	3,000	2.0	N
TK0156S	62.7750	152.4692	7.0	1.00	1.00	.70	1,500	N	N	N	200	5,000	2.0	N
TK0157S	62.7314	152.6731	5.0	1.00	5.00	.50	5,000	N	N	N	150	2,000	1.5	N
TK0158S	62.7875	152.5219	5.0	.70	.20	.50	1,000	N	N	N	150	2,000	1.5	N
TK0159S	62.7292	152.6717	7.0	1.00	1.50	.70	1,500	N	N	N	150	1,000	2.0	N
TK0160S	62.7806	152.5217	7.0	.70	.70	.30	1,000	N	N	N	150	5,000	2.0	N

STREAM SEDIMENT AND GLACIAL DEBRIS--continued

sample	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR	S-V	S-W	S-Y
TK0104S	N	30	200	150	30	N	N	150	30	N	20	N	100	300	N	30
TK0106S	N	50	100	70	30	N	N	100	20	N	10	N	150	200	N	20
TK0108S	N	30	150	100	30	N	N	70	20	N	15	N	100	200	N	20
TK0110S	N	20	500	100	20	N	N	150	20	N	15	N	150	200	N	20
TK0112S	N	30	150	100	20	N	N	70	20	N	15	N	150	200	N	20
TK0114S	N	20	150	100	30	N	N	70	30	N	15	N	100	200	N	20
TK0116S	N	30	150	100	20	N	N	100	20	N	20	N	100	200	N	20
TK0118S	N	20	100	150	30	N	N	70	30	N	15	N	100	200	N	20
TK0120S	N	30	150	100	20	N	N	100	20	100	20	N	100	200	N	20
TK0122S	N	20	100	100	30	N	N	70	15	N	20	N	150	200	N	20
TK0124S	N	20	100	50	30	N	N	70	30	N	15	N	100	150	N	30
TK0126S	N	20	100	70	30	N	N	70	30	N	15	N	100	150	N	20
TK0128S	N	20	100	70	20	N	N	70	20	N	15	N	100	200	N	20
TK0129S	N	30	70	150	20	10	N	150	20	N	10	N	150	150	N	20
TK0130S	N	20	100	100	20	15	N	70	20	N	15	N	150	300	N	20
TK0131S	N	15	100	70	20	N	N	70	15	N	15	N	100	200	N	30
TK0132S	N	15	100	100	20	10	N	70	30	N	15	N	100	200	N	20
TK0133S	N	15	100	30	20	N	N	70	20	N	10	N	150	200	N	20
TK0134S	N	15	150	70	30	15	N	100	30	N	10	N	500	200	N	20
TK0135S	N	20	100	70	20	N	N	70	15	N	15	N	100	200	N	20
TK0136S	N	20	100	50	20	N	N	50	10	N	10	N	100	200	N	15
TK0137S	N	20	150	70	20	N	N	70	10	N	20	N	100	200	N	20
TK0138S	N	30	150	100	20	N	N	100	20	N	20	N	100	200	N	20
TK0139S	N	30	150	70	20	N	N	100	20	N	15	N	100	200	N	20
TK0140S	N	15	100	50	20	N	N	70	20	N	15	N	100	150	N	20
TK0141S	N	20	150	150	20	N	N	70	20	N	15	N	150	150	N	20
TK0142S	N	30	100	300	20	N	N	70	10	N	20	N	150	200	N	20
TK0143S	N	20	100	70	30	N	N	70	10	N	20	N	150	200	N	20
TK0144S	N	20	100	70	30	N	N	70	30	N	10	N	200	150	N	30
TK0145S	N	20	200	70	30	N	N	100	20	N	15	N	500	200	N	20
TK0146S	N	30	150	100	30	N	N	100	20	N	20	N	100	200	N	20
TK0147S	N	20	100	70	30	10	N	70	15	N	15	N	100	200	N	15
TK0148S	N	100	70	200	30	20	N	500	30	N	15	N	150	500	50	30
TK0149S	N	30	200	100	30	N	N	100	50	N	20	N	150	300	N	20
TK0150S	N	50	100	150	30	N	N	150	20	N	20	N	100	200	N	30
TK0151S	N	20	100	50	30	N	N	70	30	N	15	N	100	150	N	15
TK0152S	N	20	100	50	30	N	N	70	30	N	15	N	100	150	N	30
TK0153S	N	20	150	30	50	N	N	70	30	N	20	N	100	150	N	20
TK0154S	N	20	150	70	30	N	N	100	20	N	20	N	100	300	N	20
TK0155S	N	50	100	70	20	7	N	100	20	N	15	N	100	200	N	20
TK0156S	N	20	100	100	30	7	N	100	30	N	15	N	100	200	N	20
TK0157S	N	50	70	50	20	5	N	200	30	N	10	N	150	150	N	20
TK0158S	N	15	70	50	30	N	N	50	30	N	7	N	100	100	N	10
TK0159S	N	30	150	150	30	N	N	100	30	N	20	N	100	200	N	15
TK0160S	N	50	100	70	30	N	N	100	30	N	15	N	100	200	N	15

STREAM SEDIMENT AND GLACIAL DEBRIS--continued

sample	S-ZN	S-ZR	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P
TK0104S	500	200	--	100	30	460
TK0106S	700	150	N	100	20	230
TK0108S	N	150	N	90	25	160
TK0110S	<200	150	N	70	10	180
TK0112S	<200	150	<.05	95	40	170
TK0114S	<200	150	--	--	--	--
TK0116S	<200	150	<.05	110	30	210
TK0118S	200	150	.05	130	10	220
TK0120S	<200	150	N	130	25	160
TK0122S	300	150	--	120	5	250
TK0124S	N	500	N	45	15	160
TK0126S	N	150	--	--	--	--
TK0128S	200	150	--	--	--	--
TK0129S	300	150	--	130	20	310
TK0130S	200	150	--	110	25	220
TK0131S	<200	150	.05	70	20	180
TK0132S	<200	150	.05	110	30	240
TK0133S	200	150	--	90	40	560
TK0134S	700	150	--	60	30	580
TK0135S	<200	150	<.05	120	30	170
TK0136S	<200	150	N	90	20	170
TK0137S	<200	150	--	100	20	160
TK0138S	500	150	N	120	30	340
TK0139S	500	150	--	85	25	320
TK0140S	N	150	N	65	20	140
TK0141S	<200	150	<.05	90	25	180
TK0142S	N	100	<.05	250	20	130
TK0143S	N	150	--	85	20	130
TK0144S	N	70	N	80	70	120
TK0145S	N	150	<.05	70	25	150
TK0146S	<200	150	N	100	30	210
TK0147S	300	150	<.05	120	30	420
TK0148S	3,000	150	.05	190	35	4,100
TK0149S	<200	150	<.05	100	45	260
TK0150S	700	150	<.05	180	35	510
TK0151S	N	150	<.05	60	40	180
TK0152S	N	200	<.05	60	40	140
TK0153S	N	150	.05	45	35	130
TK0154S	500	150	<.05	110	40	410
TK0155S	500	150	--	80	30	530
TK0156S	300	150	N	85	30	280
TK0157S	700	100	<.05	60	20	640
TK0158S	<200	150	<.05	50	25	170
TK0159S	200	100	<.05	130	30	280
TK0160S	300	150	N	80	30	340

STREAM SEDIMENT AND GLACIAL DEBRIS--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	S-BI
TK0161S	62.6553	152.7633	5.0	1.50	3.00	.50	300	N	N	N	150	700	2.0	N
TK0162S	62.7778	152.5314	7.0	.70	.50	.30	>5,000	N	N	N	200	2,000	2.0	N
TK0163S	62.6789	152.7208	7.0	2.00	1.50	.50	700	N	N	N	150	1,000	2.0	N
TK0164S	62.6983	152.6211	7.0	1.50	2.00	.50	700	N	N	N	70	1,000	1.5	N
TK0165S	62.7683	152.6778	--	--	--	--	--	--	--	--	--	--	--	--
TK0166S	62.6672	152.7514	5.0	.50	1.50	.50	500	N	N	N	150	1,000	2.0	N
TK0167S	62.7667	152.6703	10.0	1.00	1.00	.70	1,000	N	N	N	200	700	2.0	N
TK0168S	62.7539	152.7444	7.0	.70	.50	.70	2,000	N	N	N	200	1,000	2.0	N
TK0169S	62.7458	152.7431	--	--	--	--	--	--	--	--	--	--	--	--
TK0170S	62.7200	152.6775	7.0	1.00	.70	.50	2,000	N	N	N	200	1,500	2.0	N
TK0171S	62.7178	152.6650	7.0	1.50	2.00	.70	2,000	N	N	N	200	700	2.0	N
TK0172S	62.7436	152.6050	10.0	1.50	.50	.70	3,000	N	N	N	300	3,000	2.0	N
TK0173S	62.7442	152.5828	7.0	1.50	1.50	.70	5,000	N	200	N	200	1,500	2.0	N
TK0174S	62.6108	152.7953	5.0	1.50	3.00	.30	500	N	N	N	70	500	1.5	N
TK0175S	62.6133	152.7556	7.0	1.50	3.00	.50	700	N	N	N	100	500	1.5	N
TK0176S	62.6153	152.8039	10.0	2.00	3.00	.70	700	N	N	N	100	500	1.5	N
TK0177S	62.6214	152.7200	7.0	1.50	2.00	.70	500	N	N	N	200	1,000	2.0	N
TK0178S	62.6383	152.7578	7.0	1.00	.70	.50	300	N	N	N	200	1,500	2.0	N
TK0179S	62.6611	152.7375	7.0	1.50	1.50	.70	500	N	N	N	150	700	1.5	N
TK0180S	62.6366	152.7789	7.0	2.00	3.00	.50	500	N	N	N	150	300	2.0	N
TK0181S	62.6342	152.7039	7.0	1.00	1.50	.50	700	N	N	N	150	700	2.0	N
TK0182S	62.6742	152.7492	7.0	.70	5.00	.50	500	N	N	N	100	.00	2.0	N
TK0183S	62.7017	152.6917	7.0	1.00	.70	.50	2,000	N	N	N	200	1,000	2.0	N
TK0184S	62.6925	152.6878	7.0	1.50	.70	.70	3,000	N	N	N	150	700	2.0	N
TK0185S	62.7372	152.7811	7.0	.50	.70	.30	300	N	N	N	100	700	1.5	N
TK0186S	62.7208	152.7383	7.0	1.50	1.00	.70	1,000	N	N	N	150	1,000	2.0	N
TK0187S	62.7453	152.8858	7.0	1.50	1.50	.70	700	1.0	N	N	150	1,500	2.0	N
TK0188S	62.7408	152.8669	7.0	1.00	1.50	.50	>5,000	N	N	N	100	1,000	2.0	N
TK0189S	62.6367	152.8692	10.0	1.50	3.00	.30	500	N	N	N	150	500	2.0	N
TK0190S	62.6864	152.8239	7.0	1.50	1.00	.50	1,500	N	N	N	100	700	2.0	N
TK0191S	62.6589	152.8750	5.0	.70	2.00	.50	500	N	N	N	150	1,000	2.0	N
TK0192S	62.6486	152.8375	5.0	.50	.70	.30	500	N	N	N	150	1,000	2.0	N
TK0193S	62.7092	152.7753	7.0	.70	1.00	.70	1,500	N	N	N	150	700	2.0	N
TK0194S	62.7033	152.8158	7.0	1.00	.70	.70	1,000	N	N	N	150	200	2.0	N
TK0195S	62.8317	152.0797	7.0	.70	1.50	.30	700	N	N	N	70	700	1.5	N
TK0196S	62.7136	152.8311	7.0	1.00	1.50	.70	700	.5	N	N	150	1,500	2.0	N
TK0197S	62.8256	152.0886	7.0	.70	.20	.30	700	N	N	N	100	1,500	2.0	N
TK0198S	62.8278	152.0972	7.0	1.50	1.00	.30	3,000	N	N	N	200	700	2.0	N
TK0199S	62.8083	152.1153	7.0	1.00	1.00	.30	700	N	N	N	150	1,500	2.0	N
TK0200S	62.8181	152.1158	.7	.05	.30	.03	300	N	N	N	150	70	3.0	N
TK0202S	62.8153	152.1044	7.0	.50	.70	.30	700	N	N	N	70	1,000	2.0	N
TK0204S	62.8033	152.1331	7.0	1.50	1.00	.50	1,500	.5	N	N	100	2,000	2.0	N
TK0206S	62.8063	152.1392	1.5	.30	.50	.10	500	N	N	N	200	300	3.0	N
TK0207S	62.3047	152.4503	--	--	--	.50	--	N	N	--	--	--	3.0	--
TK0208S	62.7763	152.1622	7.0	1.00	.30	.50	1,000	N	N	N	100	700	2.0	N

STREAM SEDIMENT AND GLACIAL DEBRIS--continued

sample	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR	S-V	S-W	S-Y
TK0161S	N	15	100	50	20	N	N	70	30	N	15	N	150	150	N	15
TK0162S	N	70	100	100	30	N	N	300	20	N	15	N	100	200	N	20
TK0163S	N	20	200	100	30	N	N	150	15	N	15	N	100	200	N	20
TK0164S	N	20	100	100	20	N	N	50	<10	N	15	N	100	150	N	15
TK0165S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TK0166S	N	20	150	50	30	N	N	70	20	N	15	N	150	200	N	15
TK0167S	N	20	150	50	50	N	N	100	30	N	20	N	100	150	N	50
TK0168S	N	15	100	50	30	N	N	50	30	N	15	N	100	150	N	20
TK0169S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TK0170S	N	20	100	70	30	N	N	100	20	N	15	N	100	200	N	15
TK0171S	N	20	200	150	30	N	N	100	30	N	15	N	150	200	N	20
TK0172S	N	30	150	150	30	10	N	300	20	N	20	N	150	300	N	30
TK0173S	N	30	150	150	30	N	N	70	20	N	15	N	150	200	N	30
TK0174S	N	15	100	70	20	N	N	50	20	N	10	N	300	100	N	10
TK0175S	N	20	100	70	20	N	N	70	20	N	15	N	150	150	N	15
TK0176S	N	30	1,000	70	20	N	N	100	20	N	20	N	150	200	N	20
TK0177S	N	20	100	70	30	N	N	70	20	N	20	N	150	300	N	20
TK0178S	N	20	150	70	20	N	N	70	20	N	15	N	100	200	N	20
TK0179S	N	20	200	70	20	N	N	100	20	N	15	N	100	200	N	15
TK0180S	N	20	100	70	20	N	N	70	30	N	15	N	200	150	N	20
TK0181S	N	20	100	50	30	N	N	70	15	N	15	N	100	150	N	15
TK0182S	N	20	100	30	20	N	N	70	50	N	15	N	200	150	N	15
TK0183S	N	30	100	100	30	N	N	70	15	N	15	N	150	150	N	20
TK0184S	N	30	150	70	30	N	N	70	30	N	15	N	100	200	N	20
TK0185S	N	15	70	30	20	N	N	50	<10	N	10	N	100	150	N	15
TK0186S	N	20	100	50	30	N	N	70	20	N	20	N	100	200	N	20
TK0187S	N	15	100	70	30	N	N	70	20	N	15	N	100	200	N	20
TK0188S	N	20	100	70	20	20	N	150	10	N	15	N	150	200	N	20
TK0189S	N	30	100	70	20	N	N	100	20	N	15	N	150	150	N	20
TK0190S	N	20	100	70	30	N	N	70	15	N	15	N	200	150	N	20
TK0191S	N	20	100	50	30	N	N	70	20	N	15	N	200	150	N	20
TK0192S	N	15	100	30	30	N	N	50	20	N	15	N	200	150	N	20
TK0193S	N	30	150	100	30	N	N	200	20	N	15	N	100	200	N	20
TK0194S	N	20	100	150	20	10	N	70	20	N	15	N	100	200	N	20
TK0195S	N	15	70	30	100	N	N	30	10	N	10	N	150	100	N	30
TK0196S	N	20	150	150	20	20	N	70	20	N	15	N	100	300	N	20
TK0197S	N	20	70	70	20	10	N	70	15	N	10	N	150	150	N	20
TK0198S	N	30	100	100	30	N	N	100	30	N	15	N	150	150	N	30
TK0199S	N	30	70	100	30	N	N	100	20	N	15	N	150	150	N	20
TK0200S	N	N	N	N	20	N	N	N	30	N	5	N	N	10	N	50
TK0202S	N	5	30	50	20	N	N	30	15	N	10	N	100	100	N	20
TK0204S	N	20	100	150	30	N	N	100	30	N	15	N	200	200	N	30
TK0206S	N	N	N	7	30	N	N	10	30	N	7	N	100	30	N	20
TK0207S	N	20	--	50	--	N	--	70	30	N	--	N	--	--	N	--
TK0208S	N	20	150	100	30	N	N	70	30	N	15	N	100	150	N	20

STREAM SEDIMENT AND GLACIAL DEBRIS--continued

sample	S-ZN	S-ZR	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P
TK0161S	200	150	<.05	60	35	330
TK0162S	1,500	150	--	80	20	1,500
TK0163S	<200	100	N	110	25	190
TK0164S	N	70	N	120	20	130
TK0165S	--	--	N	55	15	160
TK0166S	N	150	N	55	20	150
TK0167S	N	150	N	55	15	140
TK0168S	<200	200	N	45	10	170
TK0169S	--	--	--	--	--	--
TK0170S	300	150	N	65	10	320
TK0171S	200	150	N	140	15	230
TK0172S	700	150	N	90	10	550
TK0173S	<200	150	N	140	10	170
TK0174S	N	70	--	--	--	--
TK0175S	N	70	N	90	5	210
TK0176S	200	100	--	95	10	180
TK0177S	<200	150	--	55	5	170
TK0178S	200	150	N	100	15	160
TK0179S	N	100	N	75	5	140
TK0180S	<200	100	--	95	10	130
TK0181S	<200	100	N	80	5	160
TK0182S	<200	150	N	50	N	140
TK0183S	300	150	N	140	5	180
TK0184S	<200	150	N	100	5	170
TK0185S	300	70	N	45	N	340
TK0186S	<200	150	--	75	N	200
TK0187S	<200	150	N	90	N	160
TK0188S	200	150	N	95	N	240
TK0189S	<200	150	N	75	5	120
TK0190S	<200	150	--	130	5	170
TK0191S	N	300	--	70	N	130
TK0192S	<200	150	N	55	N	110
TK0193S	700	150	N	120	5	640
TK0194S	200	150	--	120	5	230
TK0195S	N	100	--	50	N	90
TK0196S	200	150	N	150	N	290
TK0197S	<200	100	N	100	N	160
TK0198S	<200	150	--	130	N	190
TK0199S	200	150	N	110	N	180
TK0200S	N	30	N	10	N	65
TK0202S	<200	100	N	60	N	150
TK0204S	300	150	N	120	10	250
TK0206S	N	30	--	35	N	80
TK0207S	N	--	N	--	--	140
TK0208S	300	150	--	110	10	240

STREAM SEDIMENT AND GLACIAL DEBRIS--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	S-BI
TK0210S	62.7822	152.1786	7.0	1.00	.50	.30	700	N	N	N	100	700	2.0	N
TK0211S	62.8047	152.4503	5.0	1.00	.50	.30	700	N	N	N	200	1,000	2.0	N
TK0212S	62.7703	152.2456	10.0	1.50	1.00	.70	1,000	N	N	N	100	2,000	2.0	N
TK0214S	62.7783	152.2631	7.0	.70	.30	.50	1,500	N	N	N	200	1,500	2.0	N
TK0216S	62.7361	152.2697	7.0	1.50	2.00	.70	700	N	N	N	150	2,000	2.0	N
TK0218S	62.7550	152.2167	7.0	.70	.20	.50	700	N	N	N	150	1,500	2.0	N
TK0219S	62.9028	152.0822	5.0	1.00	.50	.50	1,000	N	N	N	200	700	2.0	N
TK0220S	62.7453	152.2686	10.0	1.50	2.00	.70	1,000	N	1,000	N	150	1,500	2.0	N
TK0221S	62.8011	152.1614	5.0	1.50	.70	.30	700	N	N	N	200	1,000	2.0	N
TK0222S	62.7428	152.3417	7.0	1.50	2.00	.50	700	N	N	N	70	700	2.0	N
TK0223S	62.7975	152.1514	7.0	.50	1.00	.30	3,000	N	N	N	50	700	1.5	N
TK0224S	62.7353	152.4247	5.0	.70	2.00	.30	3,000	N	N	N	200	700	2.0	N
TK0225S	62.7878	152.2136	7.0	1.50	1.50	.30	1,000	.7	N	N	200	1,500	2.0	N
TK0226S	62.6706	152.4008	7.0	1.50	1.50	.30	500	N	N	N	150	1,000	1.5	N
TK0227S	62.7817	152.1972	7.0	1.50	.70	.50	700	N	N	N	70	700	1.0	N
TK0228S	62.6786	152.3119	7.0	1.50	1.00	.50	500	N	N	N	70	3,000	1.5	N
TK0229S	62.7964	152.2497	7.0	1.00	.50	.30	3,000	.7	N	N	200	3,000	2.0	N
TK0230D	62.6711	152.3192	3.0	1.00	.50	.30	500	N	N	N	150	1,500	1.0	N
TK0231S	62.7453	152.2897	7.0	1.00	.70	.50	500	N	N	N	100	3,000	1.5	N
TK0231S	62.7453	152.2897	7.0	1.00	.70	.30	700	N	N	N	100	5,000	1.5	N
TK0232S	62.6911	152.2886	5.0	1.50	2.00	.30	500	N	N	N	100	3,000	1.5	N
TK0234S	62.7133	152.2642	1.5	.50	.70	.15	300	N	N	N	50	1,000	1.0	N
TK0235D	62.7525	152.1856	5.0	1.50	1.50	.30	700	N	N	N	70	1,500	1.0	N
TK0236D	62.6978	152.4153	5.0	.70	.30	.30	700	N	N	N	100	1,500	1.0	N
TK0236S	62.6978	152.4153	5.0	1.50	3.00	.50	700	N	N	N	150	1,000	1.0	N
TK0237S	62.7667	152.3136	5.0	1.50	2.00	.50	700	N	N	N	150	2,000	1.5	N
TK0238S	62.6403	152.4583	5.0	1.50	5.00	.70	500	N	N	N	70	700	1.0	N
TK0239S	62.6667	152.3586	7.0	1.00	.70	.70	300	N	N	N	100	1,000	1.5	N
TK0240S	62.6386	152.4497	1.5	1.00	10.00	.30	500	N	N	N	70	3,000	1.5	N
TK0241S	62.6717	152.3811	7.0	1.50	5.00	.70	700	N	N	N	70	700	1.5	N
TK0242S	62.6578	152.4500	7.0	1.50	3.00	.50	500	N	N	N	200	1,500	1.5	N
TK0243S	62.7064	152.3225	15.0	1.50	3.00	>1.00	1,500	N	N	N	150	1,500	<1.0	N
TK0244S	62.6606	152.4947	7.0	2.00	2.00	.70	700	1.0	N	N	150	1,500	2.0	N
TK0245D	62.7122	152.2953	7.0	1.50	.30	.30	1,000	N	N	N	70	1,500	1.0	N
TK0246S	62.9331	152.0339	5.0	1.00	5.00	.50	700	N	N	N	150	3,000	2.0	N
TK0247S	62.6861	152.3814	5.0	1.00	2.00	.70	500	N	N	N	200	2,000	2.0	N
TK0248S	62.8956	152.0744	7.0	1.50	.70	.50	700	N	N	N	200	2,000	2.0	N
TK0249S	62.6722	152.4739	7.0	1.50	3.00	.70	700	.7	N	N	200	2,000	2.0	N
TK0250S	62.8881	152.0769	7.0	3.00	1.50	.50	1,000	N	N	N	30	1,000	2.0	N
TK0251S	62.6522	152.4894	7.0	1.00	2.00	.50	300	N	N	N	300	1,000	2.0	N
TK0252S	62.9081	152.0983	5.0	1.50	2.00	.70	1,000	N	N	N	300	1,000	2.0	N
TK0253S	62.9419	152.0289	5.0	.50	.20	.50	700	N	N	N	150	2,000	2.0	N
TK0254S	62.6853	152.4631	7.0	1.50	1.00	.50	500	N	N	N	200	1,000	1.5	N
TK0255S	62.9200	152.0686	10.0	1.50	.70	.70	1,500	N	N	N	300	700	2.0	N
TK0256S	62.6522	152.4647	5.0	1.50	3.00	.50	500	N	N	N	150	1,000	2.0	N

STREAM SEDIMENT AND GLACIAL DEBRIS--continued

sample	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR	S-V	S-W	S-Y
TK0210S	N	20	100	50	30	N	N	70	20	N	15	N	100	150	N	20
TK0211S	N	20	100	70	20	N	N	70	30	N	10	N	100	150	N	20
TK0212S	N	30	150	100	30	N	N	100	20	N	20	N	150	200	N	30
TK0214S	N	30	100	100	30	N	N	100	30	N	15	N	100	150	N	20
TK0216S	N	20	100	70	20	10	N	70	20	N	15	N	150	150	N	20
TK0218S	N	20	100	50	20	N	N	70	30	N	15	N	100	200	N	20
TK0219S	N	15	70	50	30	N	N	50	30	N	15	N	N	150	N	20
TK0220S	N	30	200	70	30	N	N	70	10	N	20	N	150	150	N	20
TK0221S	N	15	100	30	20	N	N	70	10	N	10	N	N	150	N	20
TK0222S	N	20	70	50	20	N	N	50	10	N	15	N	150	150	N	20
TK0223S	N	100	50	30	30	N	N	150	10	N	7	N	100	70	N	20
TK0224S	N	20	70	70	20	N	N	70	10	N	15	N	200	150	N	20
TK0225S	N	20	150	100	30	N	20	100	20	N	15	N	100	200	N	20
TK0226S	N	15	70	30	20	N	N	50	20	N	15	N	100	150	N	20
TK0227S	N	10	50	70	20	N	N	20	<10	N	15	N	150	150	N	20
TK0228S	N	15	70	30	20	N	N	70	<10	N	15	N	100	150	N	20
TK0229S	N	50	70	200	30	10	N	150	20	N	10	N	100	200	N	30
TK0230D	N	20	100	70	50	N	<20	70	15	N	15	N	100	200	N	20
TK0231S	N	20	100	50	30	N	N	70	<10	N	20	N	100	200	N	20
TK0231S	N	20	70	70	20	N	N	70	<10	N	10	N	100	150	N	15
TK0232S	N	15	70	30	20	N	N	30	10	N	15	N	150	200	N	10
TK0234S	N	N	100	20	20	N	N	20	N	N	7	N	N	70	N	<10
TK0235D	N	50	100	100	50	N	<20	70	20	N	15	N	300	200	N	20
TK0236D	N	20	100	50	50	N	<20	50	15	N	15	N	<100	200	N	20
TK0236S	N	15	70	70	20	N	N	30	<10	N	15	N	200	150	N	20
TK0237S	N	15	100	50	20	N	N	70	20	N	10	N	150	150	N	10
TK0238S	N	15	100	30	20	N	N	50	N	N	15	N	150	200	N	15
TK0239S	N	15	70	30	20	N	N	50	10	N	15	N	N	200	N	15
TK0240S	N	5	50	20	20	N	N	20	<10	N	7	N	200	100	N	10
TK0241S	N	20	100	100	20	N	N	50	<10	N	15	N	200	200	N	15
TK0242S	N	15	100	50	20	N	N	70	20	N	15	N	150	200	N	15
TK0243S	N	20	100	70	N	N	N	70	<10	N	20	N	150	300	N	20
TK0244S	N	20	150	70	20	7	N	150	20	N	15	N	150	200	N	20
TK0245D	N	50	150	100	50	N	<20	70	50	N	20	N	100	200	N	20
TK0246S	N	15	50	30	30	N	N	50	30	N	10	N	100	100	N	20
TK0247S	N	10	50	50	20	N	N	30	<10	N	10	N	150	150	N	20
TK0248S	N	20	70	100	50	N	N	70	20	N	15	N	100	150	N	30
TK0249S	N	20	100	50	20	N	N	70	30	N	15	N	200	200	N	20
TK0250S	N	20	150	70	30	N	N	100	30	N	20	N	N	150	N	20
TK0251S	N	15	70	50	30	N	N	70	10	N	15	N	150	200	N	20
TK0252S	N	15	70	30	30	N	20	50	20	N	10	N	150	150	N	20
TK0253S	N	20	100	30	30	N	N	50	30	N	15	N	100	150	N	20
TK0254S	N	20	500	30	20	N	N	70	10	N	15	N	150	150	N	20
TK0255S	N	20	70	70	30	7	N	70	30	N	15	N	150	150	N	20
TK0256S	N	15	70	30	20	N	N	70	10	N	15	N	150	150	N	20

STREAM SEDIMENT AND GLACIAL DEBRIS--continued

sample	S-ZN	S-ZR	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P
TK0210S	.300	100	--	95	5	260
TK0211S	<200	150	N	70	20	180
TK0212S	200	150	N	90	30	240
TK0214S	500	150	--	110	15	470
TK0216S	<200	100	N	70	15	210
TK0218S	200	150	--	85	25	280
TK0219S	200	150	N	140	40	300
TK0220S	<200	150	.05	75	10	290
TK0221S	<200	100	N	70	10	120
TK0222S	<200	70	--	60	10	110
TK0223S	500	70	N	45	10	430
TK0224S	N	70	--	110	20	150
TK0225S	300	150	--	60	15	240
TK0226S	N	100	N	35	15	110
TK0227S	N	70	N	55	10	130
TK0228S	<200	100	N	35	10	190
TK0229S	1,000	150	--	250	15	960
TK0230D	<200	150	N	50	20	160
TK0231S	N	100	N	60	15	160
TK0231S	<200	100	N	60	10	350
TK0232S	N	100	--	30	5	180
TK0234S	N	50	N	40	10	110
TK0235D	300	150	N	120	40	300
TK0236D	<200	150	N	55	25	160
TK0236S	N	100	N	65	5	100
TK0237S	N	100	N	45	10	130
TK0238S	N	70	N	60	10	100
TK0239S	N	150	N	45	15	100
TK0240S	N	50	N	30	10	60
TK0241S	<200	100	N	70	10	85
TK0242S	<200	100	--	60	20	130
TK0243S	N	70	N	100	15	95
TK0244S	200	100	N	60	20	270
TK0245D	<200	150	N	85	45	180
TK0246S	<200	200	N	40	35	180
TK0247S	N	100	N	75	10	120
TK0248S	<200	150	--	55	30	190
TK0249S	<200	100	N	50	40	210
TK0250S	<200	70	N	120	45	160
TK0251S	N	150	N	50	15	120
TK0252S	N	150	--	50	40	120
TK0253S	N	200	N	50	30	140
TK0254S	<200	100	.05	50	25	130
TK0255S	<200	150	N	80	70	240
TK0256S	<200	100	--	40	20	110

STREAM SEDIMENT AND GLACIAL DEBRIS--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	S-BI
TK0257S	62.7050	152.4736	10.0	1.50	1.50	.70	1,000	.7	N	N	150	1,500	2.0	N
TK0258S	62.6675	152.4478	7.0	1.00	1.50	.70	500	N	N	N	200	1,500	2.0	N
TK0259S	62.6772	152.4703	7.0	1.50	2.00	.50	700	N	N	N	200	1,000	1.5	N
TK0260S	62.8139	152.6333	5.0	1.00	.70	.70	1,500	N	N	N	150	2,000	2.0	N
TK0261D	62.6950	152.4586	5.0	1.00	1.00	.30	500	N	N	N	100	1,000	1.0	N
TK0262S	62.7925	152.7322	5.0	1.00	1.00	.70	1,500	N	N	N	200	3,000	2.0	N
TK0263S	62.8258	152.6511	7.0	1.50	1.00	.70	1,000	N	N	N	100	3,000	2.0	N
TK0264S	62.7897	152.7419	7.0	1.50	1.50	.70	1,500	N	N	N	200	2,000	2.0	N
TK0265S	62.3131	152.7653	7.0	1.50	1.50	.70	1,000	1.0	N	N	150	2,000	2.0	N
TK0266S	62.7739	152.8161	5.0	1.50	1.00	.70	1,000	.7	N	N	150	2,000	2.0	N
TK0267S	62.7758	152.7789	5.0	1.00	1.00	.70	1,000	.5	N	N	200	2,000	2.0	N
TK0268S	62.7650	152.7969	7.0	.70	.70	.50	3,000	N	N	N	150	3,000	2.0	N
TK0269S	62.7628	152.8094	7.0	2.00	3.00	.70	700	N	N	N	300	1,500	2.0	N
TK0270S	62.7336	152.6781	10.0	2.00	1.50	1.00	2,000	N	N	N	300	700	2.0	N
TK0270S	62.7336	152.6781	5.0	1.50	3.00	.50	700	N	N	N	200	500	2.0	N
TK0271S	62.7736	152.8769	5.0	1.50	7.00	.50	500	1.0	N	N	200	1,000	1.5	N
TK0272S	62.7478	152.5369	5.0	.70	.30	.30	1,500	.7	N	N	300	>5,000	2.0	N
TK0273S	62.7906	152.6275	5.0	.70	.70	.70	1,000	N	N	N	200	1,500	2.0	N
TK0274S	62.6000	152.6181	10.0	1.50	.70	.50	1,500	.5	N	N	150	700	2.0	N
TK0275S	62.6022	152.6750	7.0	1.50	3.00	.70	300	.5	N	N	300	1,000	2.0	N
TK0276S	62.6008	152.5722	7.0	1.50	3.00	.70	500	N	N	N	200	3,000	1.5	N
TK0277S	62.5958	152.6722	7.0	1.50	2.00	.50	700	.7	N	N	200	3,000	2.0	N
TK0278S	62.6189	152.5739	7.0	2.00	1.50	.30	500	.7	N	N	200	3,000	2.0	N
TK0280S	62.6553	152.6272	10.0	3.00	3.00	.70	700	N	N	N	200	1,000	2.0	N
TK0281S	62.6306	152.6536	7.0	1.50	2.00	.70	500	N	N	N	150	700	2.0	N
TK0282S	62.6592	152.6372	10.0	3.00	3.00	.70	1,000	N	N	N	150	700	1.5	N
TK0283S	62.6119	152.6108	--	--	--	--	--	--	--	--	--	--	--	--
TK0284S	62.6472	152.6356	7.0	1.50	3.00	.50	300	N	N	N	200	1,000	2.0	N
TK0285S	62.6539	152.6728	7.0	1.50	.30	.70	500	N	N	N	200	1,000	2.0	N
TK0286S	62.6333	152.5497	7.0	3.00	5.00	.50	1,000	.7	N	N	50	2,000	1.0	N
TK0287S	62.6597	152.6731	7.0	3.00	5.00	.70	700	N	N	N	150	1,000	1.5	N
TK0288S	62.6367	152.5225	7.0	2.00	7.00	.70	700	N	N	N	100	2,000	1.5	N
TK0289S	62.6461	152.5994	2.0	1.00	3.00	.30	500	N	N	N	150	1,000	2.0	N
TK0290S	62.6769	152.5794	5.0	1.50	3.00	.20	500	N	N	N	100	700	1.5	N
TK0291S	62.6389	152.6044	5.0	1.50	3.00	.50	300	N	N	N	200	1,000	2.0	N
TK0292S	62.6822	152.5733	7.0	1.50	1.50	1.00	700	N	N	N	100	1,500	1.5	N
TK0293S	62.6675	152.5483	7.0	1.50	2.00	.70	1,000	N	N	N	150	>5,000	2.0	N
TK0294S	62.7211	152.4542	5.0	1.00	7.00	.30	700	N	N	N	100	1,500	2.0	N
TK0295S	62.6736	152.5336	7.0	1.50	2.00	.50	700	N	N	N	100	1,000	2.0	N
TK0296S	62.8153	152.1656	1.5	.15	.20	.07	700	N	N	N	700	150	20.0	N
TK0297S	62.8039	152.2175	5.0	1.00	.70	.30	1,500	.7	N	N	200	2,000	5.0	N
TK0299S	62.7089	152.2219	3.0	1.00	1.00	.30	500	N	N	N	70	1,500	1.5	N
TK0300D	62.7389	152.2175	3.0	1.00	.50	.30	1,000	N	N	N	70	2,000	1.0	N
TK0302S	62.7139	152.3933	7.0	1.50	2.00	.70	700	N	N	N	100	1,000	1.5	N
TK0304S	62.7747	152.4419	7.0	1.50	1.50	.70	1,000	.7	N	N	200	2,000	1.5	N

STREAM SEDIMENT AND GLACIAL DEBRIS--continued

sample	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR	S-V	S-W	S-Y
TK0257S	N	20	100	70	30	N	N	70	15	N	20	N	200	200	N	30
TK0258S	N	15	70	30	30	N	N	70	<10	N	10	N	150	200	N	20
TK0259S	N	15	70	50	20	N	N	50	<10	N	15	N	150	150	N	15
TK0260S	N	15	150	100	30	7	N	70	15	N	10	N	100	150	N	20
TK0261D	N	20	100	70	50	N	<20	70	20	N	15	N	200	200	N	20
TK0262S	N	15	70	100	30	N	N	70	20	N	15	N	100	200	N	20
TK0263S	N	20	150	100	30	5	N	100	10	N	15	N	100	200	N	20
TK0264S	N	20	70	150	30	10	N	70	15	N	15	N	100	300	N	20
TK0265S	N	20	100	100	20	15	N	70	20	N	10	N	100	300	N	30
TK0266S	N	15	100	100	30	7	N	70	10	N	10	N	100	200	N	20
TK0267S	N	15	50	70	30	7	N	70	20	N	10	N	100	150	N	20
TK0268S	N	20	70	100	30	N	N	150	<10	N	15	N	100	150	N	20
TK0269S	N	15	100	30	20	N	N	70	15	N	15	N	100	150	N	20
TK0270S	N	30	150	150	30	N	N	150	20	N	20	N	100	300	N	20
TK0270S	N	15	70	30	20	N	N	50	20	N	15	N	200	150	N	15
TK0271S	N	10	100	100	30	20	N	70	15	N	7	N	150	300	N	20
TK0272S	N	20	100	150	30	10	N	70	20	N	15	N	100	200	N	20
TK0273S	N	15	100	30	50	7	N	50	20	N	15	N	100	150	N	20
TK0274S	N	30	150	100	30	10	N	70	30	N	20	N	150	300	N	20
TK0275S	N	15	150	70	30	N	N	70	10	N	15	N	100	200	N	20
TK0276S	N	20	150	70	30	7	N	70	30	N	15	N	150	200	N	20
TK0277S	N	20	150	100	30	N	N	70	30	N	15	N	200	300	N	20
TK0278S	N	20	150	100	30	N	N	70	15	N	20	N	100	150	N	15
TK0280S	N	30	150	100	30	N	N	70	20	N	20	N	150	200	N	20
TK0281S	N	15	70	30	30	N	N	50	10	N	15	N	100	150	N	20
TK0282S	N	20	150	100	20	N	N	70	<10	N	30	N	150	300	N	20
TK0283S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TK0284S	N	15	100	70	50	5	N	70	30	N	15	N	150	200	N	20
TK0285S	N	15	70	50	30	N	N	70	10	N	15	N	100	200	N	20
TK0286S	N	20	150	150	20	N	N	70	30	N	20	N	200	200	N	20
TK0287S	N	20	150	70	30	N	N	100	30	N	20	N	150	200	N	20
TK0288S	N	15	70	70	30	N	N	70	<10	N	15	N	150	200	N	20
TK0289S	N	10	70	30	20	N	N	30	15	N	10	N	150	150	N	15
TK0290S	N	15	100	30	20	N	N	30	10	N	15	N	200	100	N	15
TK0291S	N	15	100	30	20	N	N	70	30	N	15	N	150	200	N	20
TK0292S	N	30	150	100	20	5	N	150	20	N	15	N	150	200	N	20
TK0293S	N	20	100	50	20	N	N	70	30	N	15	N	150	200	N	20
TK0294S	N	20	100	30	20	N	N	100	20	N	15	N	150	150	N	15
TK0295S	N	15	150	30	30	N	N	50	<10	N	15	N	200	150	N	15
TK0296S	N	N	N	5	20	N	N	<5	30	N	7	N	N	15	N	30
TK0297S	N	15	50	100	20	10	N	70	20	N	10	N	150	200	N	20
TK0299S	N	10	50	30	30	N	N	30	N	N	15	N	150	150	N	10
TK0300S	N	20	70	70	50	N	<20	70	15	N	15	N	<100	200	N	30
TK0302S	N	15	150	50	20	N	N	50	<10	N	15	N	150	200	N	20
TK0304S	N	30	150	100	30	N	N	100	30	N	20	N	150	200	N	20

sample	S-ZN	S-ZR	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P
TK0257S	N	100	--	45	15	110
TK0258S	<200	150	N	35	15	140
TK0259S	N	70	--	50	20	130
TK0260S	200	150	--	90	15	170
TK0261D	<200	200	N	65	20	150
TK0262S	<200	150	N	100	20	190
TK0263S	<200	150	N	80	20	150
TK0264S	200	150	N	100	20	230
TK0265S	200	200	--	80	20	220
TK0266S	200	150	N	85	15	200
TK0267S	<200	150	N	85	20	200
TK0268S	<200	150	--	110	20	180
TK0269S	<200	100	N	45	15	140
TK0270S	<200	200	N	110	20	260
TK0270S	N	100	--	--	--	--
TK0271S	300	150	N	55	15	240
TK0272S	300	150	--	170	30	280
TK0273S	200	200	N	35	15	160
TK0274S	200	100	--	95	40	190
TK0275S	<200	150	N	55	20	170
TK0276S	<200	150	N	45	15	130
TK0277S	<200	70	N	75	20	220
TK0278S	<200	100	N	110	15	120
TK0280S	N	150	N	75	15	110
TK0281S	N	70	N	55	20	120
TK0282S	<200	150	N	100	15	100
TK0283S	--	--	N	60	35	140
TK0284S	<200	150	--	45	20	130
TK0285S	<200	150	N	50	20	130
TK0286S	N	70	N	110	20	110
TK0287S	<200	100	N	70	20	110
TK0288S	<200	100	N	70	15	90
TK0289S	N	70	N	40	15	110
TK0290S	N	70	N	50	20	150
TK0291S	<200	150	N	50	20	140
TK0292S	<200	100	N	260	20	160
TK0293S	N	100	--	45	20	130
TK0294S	200	100	N	50	20	190
TK0295S	N	70	N	40	20	100
TK0296S	N	50	N	10	10	70
TK0297S	300	150	N	65	15	240
TK0299S	N	100	N	40	10	90
TK0300D	<200	150	N	75	20	150
TK0302S	N	100	N	60	20	110
TK0304S	200	150	N	75	30	200

STREAM SEDIMENT AND GLACIAL DEBRIS--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	S-BI
TK0305S	62.7939	152.4636	7.0	1.00	.50	.70	2,000	.7	N	N	300	2,000	2.0	N
TK0306S	62.7797	152.4283	5.0	1.50	3.00	.70	1,000	.7	N	N	200	1,500	1.5	N
TK0307S	62.7906	152.4683	7.0	.70	.20	.30	2,000	1.0	N	N	300	3,300	2.0	N
TK0304S	62.7831	152.4272	10.0	1.50	1.00	1.00	1,500	.7	N	N	200	1,500	2.0	N
TK0309S	62.7858	152.4672	10.0	.70	.30	.70	3,000	N	N	N	500	5,000	2.0	N
TK0310S	62.7672	152.4297	7.0	1.50	1.00	.70	1,000	.7	N	N	300	1,500	2.0	N
TK0312S	62.5233	152.7364	7.0	1.50	7.00	.30	700	N	N	N	150	3,000	2.0	N
TK0313S	62.5347	152.7269	7.0	1.50	3.00	.70	700	N	N	N	300	3,000	2.0	N
TK0314S	62.6136	152.9300	10.0	2.00	5.00	.70	500	N	N	N	200	700	2.0	N
TK0315S	62.5364	152.7158	10.0	1.00	1.00	.70	700	N	N	N	300	1,500	2.0	N
TK0316S	62.6169	152.9228	7.0	1.50	7.00	.50	700	N	N	N	200	700	2.0	N
TK0317S	62.6464	152.9486	7.0	2.00	5.00	.70	700	N	N	N	200	1,000	2.0	N
TK0318S	62.6267	152.9169	10.0	2.00	5.00	.70	700	N	N	N	300	700	2.0	N
TK0319S	62.5939	152.9775	10.0	2.00	5.00	.50	700	N	N	N	200	700	2.0	N
TK0320S	62.6456	152.9003	7.0	1.50	7.00	.30	500	N	N	N	200	700	2.0	N
TK0321S	62.5994	152.9850	10.0	2.00	5.00	.50	700	N	N	N	200	700	2.0	N
TK0322S	62.6567	152.9653	10.0	2.00	7.00	1.00	1,000	N	N	N	200	2,000	2.0	N
TK0323S	62.6281	152.9653	10.0	3.00	7.00	.70	1,000	.7	N	N	200	2,000	2.0	N
TK0324S	62.6622	152.9556	7.0	1.50	1.50	.70	1,000	N	N	N	300	2,000	2.0	N
TK0325S	62.6867	152.9703	7.0	1.00	.50	.50	700	N	N	N	300	3,000	2.0	N
TK0326S	62.7050	152.9647	7.0	1.50	.70	.70	2,000	N	N	N	150	3,000	2.0	N
TK0327S	62.6903	152.9592	7.0	1.50	1.50	.70	1,000	N	N	N	200	5,000	2.0	N
TK0328S	62.7164	152.9689	7.0	1.00	1.50	.70	700	1.0	N	N	200	>5,000	2.0	N
TK0329S	62.6736	152.8878	7.0	1.00	15.00	.50	1,000	N	N	N	150	1,000	2.0	N
TK0330S	62.9117	151.9436	7.0	1.50	.70	.70	1,500	N	N	N	500	1,000	3.0	N
TK0331S	62.6981	152.8989	5.0	1.50	1.50	.30	700	1.0	N	N	300	2,000	2.0	N
TK0332S	62.9061	151.9611	7.0	1.50	1.00	.70	1,000	N	N	N	300	1,500	2.0	N
TK0333S	62.8681	152.0556	7.0	1.50	.50	.50	1,500	N	N	N	500	5,000	3.0	N
TK0334S	62.8975	151.9936	7.0	2.00	7.00	.70	1,500	N	N	N	150	300	1.5	N
TK0334S	62.8975	151.9936	--	--	--	--	--	--	--	--	--	--	--	--
TK0335S	62.8828	152.0319	--	--	--	--	--	--	--	--	--	--	--	--
TK0336S	62.9039	152.0111	5.0	1.00	.30	.50	700	N	N	N	70	3,000	2.0	N
TK0337S	62.3892	152.0394	7.0	2.00	.50	.30	1,000	1.0	N	N	100	1,500	2.0	N
TK0338D	62.9158	151.9600	5.0	3.00	.30	.20	1,000	N	N	N	100	1,500	1.5	N
TK0338S	62.9158	151.9600	7.0	3.00	.50	.50	700	.7	N	N	300	1,500	2.0	N
TK0339S	62.2931	152.0308	3.0	1.00	.15	.15	700	N	N	N	50	3,000	2.0	N
TK0340D	62.9144	151.8889	5.0	1.00	.20	.50	1,000	N	N	N	100	1,000	1.5	N
TK0340S	62.9144	151.8889	7.0	1.50	.30	.50	700	N	N	N	300	1,500	2.0	N
TK0341S	62.8903	152.0222	10.0	1.50	.50	.70	1,000	N	N	N	500	2,000	2.0	N
TK0342S	62.8947	151.8925	1.5	.70	1.50	.30	500	N	N	N	150	700	2.0	N
TK0343S	62.9236	151.9350	7.0	1.50	.70	.70	1,000	N	N	N	300	1,500	3.0	N
TK0344D	62.8747	151.8786	5.0	2.00	1.50	.50	1,000	N	N	N	150	1,500	2.0	N
TK0345S	62.9372	151.8792	7.0	1.50	.50	.70	1,000	N	N	N	300	1,000	2.0	N
TK0346D	62.8439	151.9369	5.0	1.50	1.00	.50	700	N	N	N	70	1,500	2.0	N
TK0347D	62.7986	151.9675	5.0	1.50	2.00	.70	2,000	N	N	N	20	1,500	1.5	N

STREAM SEDIMENT AND GLACIAL DEBRIS--continued

sample	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR	S-V	S-W	S-Y
TK0305S	N	30	100	150	30	20	20	70	30	N	20	N	100	300	N	30
TK0306S	N	20	100	70	30	N	N	70	30	N	15	N	100	1,500	N	20
TK0307S	N	30	100	300	30	30	N	100	20	N	20	N	100	700	N	30
TK0308S	N	30	150	100	30	N	N	100	30	N	20	N	100	200	N	20
TK0309S	N	30	100	150	20	30	N	150	30	N	20	N	150	500	N	30
TK0310S	N	20	100	100	20	N	N	70	30	N	15	N	100	200	N	20
TK0312S	N	20	70	100	20	15	N	70	20	N	15	N	150	500	N	20
TK0313S	N	15	100	70	30	N	N	70	20	N	15	N	150	150	N	20
TK0314S	N	20	100	70	30	N	N	70	30	N	15	N	150	150	N	20
TK0315S	N	20	100	50	30	N	N	70	30	N	15	N	150	200	N	20
TK0316S	N	20	100	70	30	N	N	70	30	N	15	N	150	150	N	20
TK0317S	N	20	150	150	20	N	N	70	20	N	15	N	200	200	N	20
TK0318S	N	30	100	100	30	N	N	100	50	N	15	N	200	150	N	20
TK0319S	N	20	100	70	30	N	N	70	30	N	15	N	150	200	N	20
TK0320S	N	15	70	50	30	N	N	70	20	N	15	N	300	150	N	15
TK0321S	N	20	100	100	30	N	N	70	20	N	15	N	200	200	N	20
TK0322S	N	30	300	150	30	N	N	100	15	N	20	N	200	300	N	20
TK0323S	N	20	300	300	30	N	20	150	30	N	15	N	300	300	N	20
TK0324S	N	20	70	150	30	N	N	70	20	N	15	N	200	300	N	20
TK0325S	N	20	100	100	30	N	N	70	30	N	15	N	150	300	N	20
TK0326S	N	20	100	70	20	10	N	150	20	N	10	N	150	200	N	20
TK0327S	N	20	100	100	30	7	N	100	20	N	15	N	150	300	N	20
TK0328S	N	30	150	70	30	20	N	100	20	N	15	N	200	300	N	30
TK0329S	N	20	100	100	20	N	N	70	30	N	15	N	200	150	N	15
TK0330S	N	20	150	100	30	N	N	100	30	N	15	N	100	300	N	20
TK0331S	N	15	100	150	30	10	N	100	20	N	10	N	150	150	N	20
TK0332S	N	20	150	150	30	N	N	100	20	N	15	N	150	300	N	20
TK0333S	N	15	100	70	50	20	N	70	20	N	15	N	150	500	N	20
TK0334S	N	20	150	150	20	N	N	70	<10	N	20	N	200	200	N	20
TK0334S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TK0335S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TK0336S	N	10	30	30	100	N	N	10	50	N	15	N	N	70	N	30
TK0337S	N	20	150	150	30	N	N	100	100	N	15	N	N	100	N	20
TK0338D	N	30	200	100	70	N	<20	150	50	N	20	N	100	300	N	30
TK0338S	N	30	1,000	100	30	N	N	200	30	N	20	N	100	200	N	20
TK0339S	N	10	50	150	70	N	N	30	70	N	10	N	N	20	N	20
TK0340D	N	30	150	100	50	<5	<20	100	20	N	15	N	200	300	N	30
TK0340S	N	20	150	70	20	7	N	100	20	N	15	N	100	200	N	20
TK0341S	N	30	150	100	20	10	N	150	30	N	15	N	N	300	N	20
TK0342S	N	10	70	30	20	N	N	30	<10	N	10	N	100	150	N	15
TK0343S	N	20	150	100	30	N	N	70	50	N	15	N	100	200	N	20
TK0344D	N	30	150	100	70	<5	<20	100	30	N	20	N	150	200	N	30
TK0345S	N	30	150	100	30	N	N	100	20	N	15	N	N	300	N	20
TK0346D	N	30	150	100	50	<5	<20	50	20	N	20	N	200	500	N	50
TK0347D	N	20	50	50	50	<5	<20	20	20	N	20	N	300	200	N	30

STREAM SEDIMENT AND GLACIAL DEBRIS--continued

sample	S-ZN	S-ZR	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P
TK0305S	200	150	--	110	20	260
TK0306S	200	150	N	70	30	210
TK0307S	1,000	150	N	320	25	730
TK0308S	200	150	N	85	35	240
TK0309S	1,000	150	N	190	20	980
TK0310S	200	150	N	60	30	230
TK0312S	200	70	--	110	20	270
TK0313S	N	150	--	--	--	--
TK0314S	<200	150	N	65	20	120
TK0315S	<200	150	N	50	10	130
TK0316S	N	100	.05	70	15	120
TK0317S	<200	150	N	100	10	140
TK0318S	<200	150	N	85	15	140
TK0319S	<200	150	N	70	15	150
TK0320S	<200	100	--	70	10	150
TK0321S	N	100	.05	85	15	140
TK0322S	<200	100	--	.12	<5	140
TK0323S	<200	150	N	90	<5	190
TK0324S	300	150	--	--	--	--
TK0325S	300	150	N	80	5	290
TK0326S	300	150	N	80	N	460
TK0327S	300	150	--	95	N	370
TK0328S	300	300	N	55	N	350
TK0329S	N	100	N	80	5	140
TK0330S	<200	150	--	95	5	230
TK0331S	200	150	N	100	<5	320
TK0332S	200	150	--	--	--	--
TK0333S	200	150	--	60	10	290
TK0334S	N	70	N	140	20	110
TK0334S	--	--	--	130	N	150
TK0335S	--	--	--	150	N	120
TK0336S	200	200	--	--	--	--
TK0337S	300	150	N	160	90	380
TK0338D	200	200	N	95	30	190
TK0338S	<200	150	N	80	30	170
TK0339S	300	150	N	140	110	360
TK0340D	200	150	N	70	25	170
TK0340S	<200	150	N	65	20	220
TK0341S	500	150	N	100	10	620
TK0342S	N	100	N	40	15	130
TK0343S	<200	150	--	75	25	230
TK0344D	300	150	N	80	20	360
TK0345S	<200	150	--	80	20	240
TK0346D	300	200	N	75	20	180
TK0347D	200	1,000	N	40	25	180

STREAM SEDIMENT AND GLACIAL DEBRIS--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	S-BI
TK03480	62.8183	151.9292	7.0	1.50	2.00	.30	700	N	N	N	20	1,500	1.5	N
TK03490	62.8197	152.0236	5.0	.70	.30	.30	700	N	N	N	70	1,000	1.5	N
TK03505	62.5825	152.8583	7.0	2.00	5.00	.50	700	N	N	N	150	700	2.0	N
TK03525	62.5886	152.8481	3.0	1.50	3.00	.30	700	N	N	N	150	500	1.5	N
TK03535	62.8364	152.0172	10.0	3.00	10.00	1.00	1,000	N	N	N	20	100	1.5	N
TK03545	62.5719	152.9128	7.0	2.00	10.00	.50	500	N	N	N	100	700	1.5	N
TK03555	62.5969	152.8708	5.0	1.50	3.00	.50	1,000	N	N	N	150	1,000	2.0	N
TK03565	62.5219	152.9744	7.0	2.00	20.00	.30	500	N	N	N	150	700	2.0	N
TK03575	62.5978	152.8558	7.0	1.50	3.00	.50	700	N	N	N	200	1,000	2.0	N
TK03595	62.5811	152.8933	5.0	2.00	10.00	.20	300	N	N	N	150	700	1.5	N
TK03605	62.5661	152.9297	7.0	2.00	5.00	.70	300	N	N	N	150	700	2.0	N
TK03615	62.5703	152.8676	7.0	2.00	5.00	.50	700	N	N	N	200	1,000	2.0	N
TK03625	62.5444	152.9272	7.0	2.00	3.00	.70	500	N	N	N	200	1,500	2.0	N
TK03635	62.5056	152.9625	5.0	3.00	>20.00	.20	700	N	N	N	70	700	1.5	N
TK03645	62.5394	152.8717	7.0	1.50	.20	.50	700	.5	N	N	200	2,000	2.0	N
TK03655	62.5025	152.9783	1.0	3.00	>20.00	.15	300	N	N	N	10	100	N	N
TK03665	62.5217	152.8956	7.0	2.00	20.00	.30	700	N	N	N	70	300	1.0	N
TK03675	62.5458	152.9594	5.0	1.50	2.00	.50	300	N	N	N	200	500	3.0	N
TK03685	62.5156	152.8817	3.0	1.50	15.00	.30	500	N	N	N	70	700	1.5	N
TK03695	62.5600	152.9625	7.0	2.00	15.00	.30	300	N	N	N	100	700	2.0	N
TK03715	62.5514	152.8686	7.0	1.50	1.50	.50	700	N	N	N	200	1,500	2.0	N
TK03725	62.5033	152.8108	5.0	1.50	5.00	.30	700	N	N	N	200	1,500	3.0	N
TK03735	62.5469	152.6533	7.0	2.00	3.00	.70	1,000	N	N	N	70	1,500	2.0	N
TK03745	62.5642	152.7000	5.0	1.50	3.00	.50	700	N	N	N	200	700	3.0	N
TK03755	62.5250	152.8253	7.0	2.00	15.00	.30	700	N	N	N	200	3,000	2.0	N
TK03765	62.5614	152.6864	1.5	3.00	20.00	.10	300	N	N	N	70	200	1.5	N
TK03775	62.5364	152.8011	10.0	3.00	5.00	1.00	1,000	N	N	N	70	500	1.0	N
TK03785	62.5822	152.7156	5.0	1.50	3.00	.50	700	N	N	N	150	1,500	2.0	N
TK03795	62.5181	152.6919	7.0	3.00	20.00	.15	500	N	N	N	50	1,500	1.0	N
TK03805	62.5686	152.7225	7.0	1.50	1.50	.70	700	N	N	N	150	1,000	2.0	N
TK03810	62.5764	152.7697	10.0	3.00	5.00	.50	1,500	N	N	N	20	300	<1.0	N
TK03825	62.5711	152.6361	5.0	.70	.15	.70	500	N	N	N	150	700	2.0	N
TK03825	62.5711	152.6361	7.0	1.00	.30	.70	500	N	N	N	70	500	3.0	N
TK03835	62.5833	152.7503	7.0	1.50	3.00	.50	700	N	N	N	200	700	2.0	N
TK03850	62.5736	152.7472	5.0	1.50	2.00	.50	700	N	N	N	70	700	1.0	N
TK03865	62.5769	152.5339	5.0	1.00	1.50	.30	500	N	N	N	200	5,000	2.0	N
TK03875	62.5592	152.6553	7.0	1.50	5.00	.50	500	N	N	N	150	500	2.0	N
TK03885	62.5406	152.5644	7.0	1.00	1.00	.70	700	N	N	N	150	1,000	2.0	N
TK03895	62.5592	152.6183	7.0	1.50	5.00	.70	500	.5	N	N	200	>5,000	2.0	N
TK03905	62.5306	152.6653	5.0	1.00	1.00	.30	500	.7	N	N	150	>5,000	2.0	N
TK03915	62.5503	152.5478	7.0	1.50	1.50	.50	700	.5	N	N	200	3,000	2.0	N
TK03925	62.5167	152.5636	2.0	.70	.50	.20	1,500	N	N	N	70	700	1.5	N
TK03935	62.5244	152.6144	5.0	1.00	1.50	.50	700	.5	N	N	150	3,000	2.0	N
TK03945	62.9600	152.0558	7.0	1.50	1.50	.70	1,500	.5	N	N	70	3,000	2.0	N
TK03955	62.5258	152.5739	1.5	.70	1.50	.30	300	N	N	N	150	700	2.0	N

STREAM SEDIMENT AND GLACIAL DEBRIS--continued

sample	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR	S-V	S-W	S-Y
TK0348S	N	20	100	100	50	10	<20	70	30	N	30	N	300	300	N	30
TK0349S	N	10	50	50	50	N	<20	30	10	N	10	N	200	150	N	20
TK0350S	N	20	150	50	30	N	N	70	15	N	15	N	200	150	N	20
TK0352S	N	10	50	70	20	N	N	30	15	N	7	N	150	100	N	10
TK0353S	N	20	100	150	20	N	N	50	N	N	30	N	500	300	N	30
TK0354S	N	15	100	50	30	N	N	70	30	N	15	N	500	150	N	15
TK0355S	N	20	100	50	30	N	N	70	20	N	15	N	200	150	N	20
TK0356S	N	20	70	50	20	N	N	50	30	N	15	N	500	150	N	20
TK0357S	N	20	150	70	30	N	20	70	15	N	15	N	500	150	N	20
TK0359S	N	15	150	50	20	N	N	50	20	N	10	N	500	100	N	10
TK0360S	N	20	70	50	30	N	N	50	20	N	15	N	150	150	N	20
TK0361S	N	20	100	50	30	N	N	70	30	N	15	N	200	150	N	20
TK0362S	N	20	100	50	30	N	N	70	30	N	15	N	200	150	N	20
TK0363S	N	15	100	50	20	N	N	30	30	N	10	N	1,000	70	N	15
TK0364S	N	20	150	70	30	N	N	100	15	N	15	N	200	200	N	20
TK0365S	N	N	30	15	<20	N	N	7	N	N	7	N	1,000	20	N	<10
TK0366S	N	15	200	30	20	N	N	30	20	N	10	N	700	70	N	10
TK0367S	N	15	70	30	30	N	N	50	30	N	10	N	150	150	N	20
TK0368S	N	10	70	30	20	N	N	30	10	N	10	N	700	100	N	15
TK0369S	N	20	70	30	20	N	N	70	20	N	15	N	700	150	N	15
TK0371S	N	15	200	150	30	5	N	50	30	N	15	N	150	200	N	20
TK0372S	N	15	70	30	30	N	N	70	20	N	15	N	150	200	N	20
TK0373S	N	30	150	100	30	5	N	100	30	N	20	N	150	300	N	20
TK0374S	N	15	100	50	30	N	N	50	20	N	15	N	150	150	N	20
TK0375S	N	20	150	30	30	N	N	70	30	N	20	N	700	150	N	20
TK0376S	N	N	20	20	30	N	N	10	20	N	7	N	300	30	N	10
TK0377S	N	30	150	700	20	N	N	70	<10	N	20	N	300	300	N	20
TK0378S	N	20	150	70	20	N	N	70	10	N	15	N	200	150	N	20
TK0379S	N	20	70	50	20	N	N	50	20	N	7	N	300	150	N	15
TK0380S	N	20	150	50	20	N	20	100	15	N	15	N	150	200	N	20
TK0381S	N	50	150	150	50	N	<20	70	<10	N	20	N	200	300	N	20
TK0382S	N	30	150	30	30	N	N	70	10	N	20	N	100	200	N	30
TK0382S	N	20	70	70	30	N	N	50	20	N	15	N	100	150	N	20
TK0383S	N	15	300	50	20	N	N	100	200	N	10	N	100	150	N	15
TK0385S	N	20	150	50	50	N	<20	70	10	N	20	N	100	300	N	20
TK0386S	N	15	70	30	30	N	N	50	20	N	10	N	100	150	N	15
TK0387S	N	15	70	30	20	N	N	70	10	N	15	N	200	200	N	15
TK0388S	N	20	70	50	30	N	N	50	30	N	15	N	100	150	N	20
TK0389S	N	20	70	50	20	5	N	70	20	N	15	N	200	200	N	20
TK0390S	N	15	70	70	20	10	N	70	15	N	15	N	300	300	N	20
TK0391S	N	20	100	50	30	5	N	70	20	N	15	N	150	200	N	20
TK0392S	N	7	50	30	20	N	N	30	15	N	7	N	100	70	N	10
TK0393S	N	20	150	30	30	N	N	70	20	N	15	N	100	150	N	15
TK0394S	N	20	150	150	50	15	N	70	30	N	15	N	100	200	N	20
TK0395S	N	7	70	20	30	N	N	30	N	N	10	N	100	150	N	15

STREAM SEDIMENT AND GLACIAL DEBRIS--continued

sample	S-ZN	S-ZR	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P
TK03480	200	150	N	95	25	180
TK03490	<200	70	N	70	15	130
TK03505	<200	150	N	55	20	140
TK03525	N	50	N	55	50	150
TK03535	N	150	N	150	10	95
TK03545	N	70	--	55	35	100
TK03555	N	70	--	60	30	160
TK03565	N	100	N	40	20	85
TK03575	<200	100	--	60	20	140
TK03595	N	50	--	45	15	95
TK03605	<200	70	N	55	20	120
TK03615	N	150	--	45	25	120
TK03625	N	150	--	45	25	120
TK03635	N	50	.05	45	25	70
TK03645	<200	100	N	60	10	160
TK03655	N	N	--	10	25	25
TK03665	N	50	N	30	30	55
TK03675	N	150	N	45	20	120
TK03685	N	100	N	25	20	80
TK03695	N	100	--	--	--	--
TK03715	<200	150	N	75	30	150
TK03725	<200	150	N	50	20	150
TK03735	<200	150	N	85	25	130
TK03745	<200	150	N	50	30	150
TK03755	N	150	--	35	20	100
TK03765	N	50	N	15	30	60
TK03775	N	70	N	140	20	110
TK03785	200	150	N	65	15	150
TK03795	N	30	N	45	20	95
TK03805	<200	150	N	40	10	140
TK03810	N	100	N	70	5	60
TK03825	N	200	N	45	15	95
TK03835	N	200	N	50	20	150
TK03[illegible]35	<200	150	--	50	15	130
TK03850	N	150	N	60	15	110
TK03865	<200	150	N	55	20	130
TK03875	200	100	N	50	20	310
TK03885	<200	150	N	45	20	170
TK03895	200	100	.05	60	30	340
TK03905	200	100	N	55	30	270
TK03915	<200	150	N	60	30	170
TK03925	N	50	N	65	10	130
TK03935	N	200	N	45	20	150
TK03945	<200	150	N	140	25	220
TK03955	<200	100	N	50	540	250

STREAM SEDIMENT AND GLACIAL DEBRIS--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	S-BI
TK0396S	62.8167	152.3108	7.0	1.00	.30	.50	3,000	N	N	N	200	2,000	2.0	N
TK0397S	62.5094	152.5303	7.0	1.50	.70	.50	1,000	N	N	N	100	1,000	2.0	N
TK0398S	62.7978	152.2928	7.0	1.50	.50	.50	1,000	N	N	N	200	2,000	2.0	N
TK0399D	62.7431	152.3908	5.0	.70	.70	.50	1,000	N	N	N	150	1,000	1.5	N
TK0399S	62.7431	152.3908	7.0	.70	5.00	.50	2,000	N	N	N	200	1,000	2.0	N
TK0400S	62.7289	152.3631	7.0	1.50	1.50	.70	500	N	N	N	100	2,000	2.0	N
TK0402S	62.5842	152.4378	5.0	1.50	5.00	.50	500	N	N	N	150	1,500	2.0	N
TK0403S	62.5614	152.5061	7.0	1.50	7.00	.50	700	N	N	N	150	1,500	1.5	N
TK0404S	62.5983	152.4172	5.0	1.50	5.00	.30	500	N	N	N	200	1,000	2.0	N
TK0405S	62.5464	152.4858	7.0	1.50	5.00	.50	700	N	N	N	150	1,500	1.5	N
TK0407S	62.5669	152.4706	5.0	.70	3.00	.30	700	N	N	N	200	5,000	1.5	N
TK0408D	62.5592	152.5739	5.0	.50	1.50	.30	700	N	N	N	50	3,000	1.0	N
TK0409D	62.6156	152.3644	5.0	1.50	2.00	.30	1,000	N	N	N	100	1,000	1.0	N
TK0410S	62.5386	152.4583	2.0	1.50	15.00	.15	500	N	N	N	70	2,000	1.5	N
TK0411D	62.5597	152.3086	3.0	.70	1.00	.20	700	N	N	N	70	2,000	1.0	N
TK0412D	62.4835	152.7053	2.0	2.00	20.00	.15	500	N	N	N	20	300	1.0	N
TK0413D	62.5569	152.3442	3.0	1.00	2.00	.20	700	N	N	N	50	1,500	1.0	N
TK0414D	62.4864	152.7397	3.0	3.00	15.00	.20	500	N	N	N	50	1,500	1.0	N
TK0415S	62.5706	152.3458	5.0	1.00	1.50	.70	700	N	N	N	100	1,000	2.0	N
TK0416D	62.4931	152.7019	5.0	3.00	15.00	.20	700	2.0	N	N	50	700	1.5	N
TK0417D	62.4883	152.6772	3.0	.70	2.00	.20	2,000	N	N	N	70	500	5.0	N
TK0418D	62.4711	152.5400	1.5	.30	2.00	.15	300	N	N	N	100	300	2.0	N
TK0419D	62.5022	152.6358	7.0	1.50	.30	.30	2,000	N	N	N	100	1,500	1.5	N
TK0420D	62.4269	152.518[illegible]	5.0	2.00	1.00	.30	1,000	N	N	N	100	700	2.0	N
TK0421S	62.4[illegible]94	152.5811	7.0	1.50	.70	.50	700	N	N	N	100	1,300	2.0	N
TK0422S	62.4464	152.3656	1.5	.70	.70	.15	500	N	N	N	15	700	2.0	N
TK0423D	62.4831	152.6092	5.0	1.50	.50	.50	3,000	N	N	N	100	1,000	1.5	N
TK0424S	62.4378	152.4208	5.0	1.00	.70	.70	700	N	N	N	30	700	1.5	N
TK0425D	62.4533	152.5958	1.0	.20	.20	.10	500	N	N	N	70	300	5.0	N
TK0426S	62.3428	152.4617	7.0	2.00	.70	.70	1,500	N	N	N	70	700	1.5	N
TK0427D	62.4592	152.5197	5.0	1.50	.30	.50	3,000	<.5	N	N	100	1,500	1.5	N
TK0428S	62.3483	152.4633	7.0	1.00	1.00	.50	5,000	N	N	N	100	700	1.5	N
TK0429S	62.4800	152.4133	1.5	.30	.30	.10	500	N	N	N	70	300	7.0	N
TK0430S	62.3167	152.2811	5.0	.70	.20	.50	700	N	N	N	50	500	1.5	N
TK0431S	62.3400	152.3539	7.0	1.50	.50	.70	1,500	N	N	N	100	1,000	2.0	N
TK0432S	62.3275	152.1406	7.0	1.00	.30	.30	1,000	N	N	N	50	500	2.0	N
TK0433S	62.3573	152.2431	5.0	1.00	.30	.30	1,500	N	N	N	100	700	1.5	N
TK0434S	62.3856	152.1714	7.0	1.50	1.00	.50	1,000	N	N	N	50	700	2.0	N
TK0435S	62.4761	152.0933	3.0	.70	.70	.20	1,500	N	N	N	100	700	2.0	N
TK0436S	62.4044	152.2661	7.0	1.50	.70	.70	1,500	N	N	N	70	700	2.0	N
TK0437S	62.4739	152.0736	5.0	1.50	2.00	.30	700	N	N	N	10	700	1.5	N
TK0438S	62.4111	152.3156	5.0	1.00	.20	.50	1,500	N	N	N	70	1,000	2.0	N
TK0439S	62.4983	152.0989	5.0	1.00	1.50	.30	700	N	N	N	100	700	2.0	N
TK0440S	62.4144	152.3806	7.0	1.50	.30	.70	3,000	N	N	N	70	700	2.0	N
TK0441S	62.4928	152.1750	5.0	1.50	2.00	.15	700	N	N	N	70	700	2.0	N

STREAM SEDIMENT AND GLACIAL DEBRIS--continued

sample	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR	S-V	S-W	S-Y
TK0396S	N	30	100	150	50	10	N	100	20	N	15	N	100	200	N	30
TK0397S	N	20	150	50	30	N	N	100	10	N	15	N	100	150	N	20
TK0398S	N	20	150	100	50	10	N	100	20	N	15	N	100	200	N	20
TK0399D	N	50	100	100	50	N	<20	70	20	N	20	N	200	200	N	20
TK0399S	N	30	150	70	50	N	N	70	20	N	15	N	500	200	N	20
TK0400S	N	20	100	50	50	N	N	50	20	N	20	N	150	200	N	20
TK0402S	N	15	100	50	20	N	N	50	10	N	15	N	150	230	N	20
TK0403S	N	15	150	30	30	N	N	70	20	N	20	N	200	200	N	20
TK0404S	N	10	70	30	50	N	N	50	15	N	15	N	150	200	N	20
TK0405S	N	20	100	150	30	N	N	70	20	N	15	N	200	200	N	20
TK0407S	N	15	50	50	30	N	N	50	20	N	15	N	150	200	N	20
TK0408D	N	15	50	50	50	<5	<20	50	20	N	15	N	150	200	N	20
TK0409D	N	20	50	70	50	N	<20	70	20	N	20	N	150	230	N	30
TK0410S	N	10	700	20	30	N	N	70	<10	N	7	N	200	100	N	10
TK0411D	N	10	70	50	50	N	<20	50	10	N	10	N	100	150	N	15
TK0412D	N	10	50	20	50	N	<20	15	10	N	7	N	1,000	70	N	15
TK0413D	N	10	70	50	50	N	<20	50	10	N	10	N	200	100	N	15
TK0414D	N	15	70	50	50	N	<20	50	20	N	10	N	1,000	100	N	15
TK0415S	N	10	50	30	20	7	N	50	15	N	10	N	150	150	N	15
TK0416D	N	20	70	150	50	<5	<20	70	30	N	15	N	700	200	N	20
TK0417D	N	15	70	70	50	N	<20	50	20	N	7	N	100	100	N	20
TK0418D	N	10	30	15	50	N	<20	20	30	N	5	N	<100	30	N	20
TK0419D	N	50	150	150	50	N	<20	100	30	N	15	N	200	200	N	20
TK0420D	N	30	300	70	50	N	<20	150	20	N	10	30	200	100	N	20
TK0421S	N	15	150	30	30	N	N	70	15	N	15	50	150	200	N	15
TK0422S	N	N	50	30	50	20	N	20	<10	N	7	N	300	50	N	10
TK0423D	N	70	100	200	50	N	<20	100	30	N	15	N	200	200	N	20
TK0424S	N	15	70	30	30	N	<20	50	10	N	10	N	150	100	N	20
TK0425D	N	<5	<10	<5	50	N	<20	<5	30	N	5	N	<100	<10	N	50
TK0426S	N	20	200	50	30	N	N	100	20	N	15	N	150	150	N	20
TK0427D	N	70	150	150	50	N	<20	200	50	N	15	N	150	200	N	20
TK0428S	N	15	100	30	70	N	N	70	10	N	15	N	300	150	N	30
TK0429S	N	N	30	7	70	N	N	10	20	N	5	N	N	30	N	30
TK0430S	N	20	70	30	200	N	N	70	15	N	10	N	N	100	N	20
TK0431S	N	30	150	70	30	N	N	100	20	N	15	N	100	200	N	20
TK0432S	N	15	100	30	70	N	N	70	15	N	10	N	N	150	N	20
TK0433S	N	10	100	30	20	N	N	50	20	N	10	N	100	150	N	20
TK0434S	N	20	100	50	20	N	N	70	15	N	10	N	150	150	N	15
TK0435S	N	10	200	20	100	N	N	30	10	N	10	N	200	70	N	10
TK0436S	N	20	100	30	50	N	N	70	10	N	15	N	150	200	N	15
TK0437S	N	15	70	20	50	N	N	30	10	N	15	N	500	70	N	15
TK0438S	N	10	300	30	30	N	N	70	15	N	10	N	100	150	N	15
TK0439S	N	10	70	30	150	N	N	50	10	N	10	N	300	100	N	20
TK0440S	N	15	500	30	20	N	N	70	<10	N	10	N	100	150	N	20
TK0441S	N	10	50	7	150	N	N	30	15	N	15	N	300	50	N	20

sample	S-ZN	S-ZR	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P
TK0396S	500	200	--	150	25	570
TK0397S	<200	150	N	70	120	210
TK0398S	200	150	N	80	20	210
TK0399D	<200	200	N	120	25	170
TK0399S	N	150	N	95	25	150
TK0403S	N	150	--	80	25	160
TK0402S	N	100	--	55	20	120
TK0403S	<200	100	N	45	20	130
TK0404S	N	150	N	45	20	150
TK0405S	<200	100	N	45	20	140
TK0407S	200	150	N	55	20	180
TK0408D	<200	150	N	45	20	100
TK0409D	<200	150	N	75	20	150
TK0410S	N	70	N	25	20	65
TK0411D	<200	100	N	45	15	110
TK0412D	N	50	N	40	35	45
TK0413D	<200	100	N	50	20	100
TK0414D	<200	100	N	45	30	120
TK0415S	N	100	N	30	10	95
TK0416D	200	100	N	120	30	350
TK0417D	<200	100	N	40	20	120
TK0418D	<200	100	--	20	20	85
TK0419D	200	150	N	120	25	250
TK0420D	<200	200	N	60	15	150
TK0421S	<200	100	--	50	15	160
TK0422S	N	50	N	40	5	85
TK0423D	200	150	N	150	30	270
TK0424S	N	150	N	50	20	110
TK0425D	N	100	N	5	20	100
TK0426S	300	150	N	75	20	170
TK0427D	300	200	N	80	40	200
TK0428S	N	150	N	35	10	90
TK0429S	N	50	<.05	25	5	50
TK0430S	N	300	N	40	15	130
TK0431S	<200	150	N	60	20	160
TK0432S	N	150	<.05	40	15	130
TK0433S	200	70	--	55	20	170
TK0434S	N	100	N	55	20	170
TK0435S	N	100	<.05	25	5	65
TK0436S	<200	150	--	50	15	150
TK0437S	N	100	N	35	15	70
TK0438S	<200	150	N	50	25	120
TK0439S	N	70	--	40	20	70
TK0440S	200	150	N	60	30	150
TK0441S	N	500	N	25	10	20

STREAM SEDIMENT AND GLACIAL DEBRIS--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	S-BI
TK0443S	62.4631	152.1608	1.5	1.00	2.00	.10	700	N	300	N	15	700	2.0	N
TK0445S	62.4819	152.3053	7.0	5.00	2.00	.50	1,000	N	N	N	200	1,000	3.0	N
TK0446S	62.5111	152.4894	3.0	1.50	.50	.30	700	N	N	N	100	1,000	2.0	N
TK0447S	62.5164	152.4244	2.0	1.50	2.00	.20	700	N	N	N	500	700	5.0	N
TK0448S	62.5053	152.3392	7.0	1.50	1.50	.50	1,000	N	N	N	150	1,000	2.0	N
TK0449S	62.5211	152.3728	3.0	1.50	15.00	.15	500	N	N	N	100	1,500	1.0	N
TK0450S	62.3447	152.5636	2.0	.70	2.00	.30	700	N	N	N	<10	1,000	1.5	N
TK0451S	62.4583	152.4239	5.0	.70	1.50	.30	700	N	N	N	50	1,000	2.0	N
TK0452S	62.3403	152.5536	7.0	1.50	.50	.50	500	N	N	N	70	1,000	2.0	N
TK0453S	62.3353	152.6147	7.0	1.50	.70	.50	1,500	N	N	N	50	1,000	1.5	N
TK0454D	62.3958	152.6158	1.5	.30	.50	.10	500	N	N	N	20	100	2.0	N
TK0455S	62.3661	152.6122	1.0	.15	.50	.20	300	N	N	N	30	300	3.0	N
TK0456D	62.3903	152.7039	1.5	.20	.50	.15	700	N	N	N	50	150	5.0	N
TK0457S	62.3639	152.6219	5.0	1.50	.50	.50	1,500	N	N	N	200	1,500	2.0	N
TK0459D	62.3517	152.6997	7.0	1.50	.30	.30	1,500	N	N	N	50	1,000	1.0	N
TK0459S	62.3517	152.6997	7.0	1.50	.50	.50	1,500	N	N	N	70	1,500	1.5	N
TK0460D	62.3606	152.7481	10.0	1.50	.30	.50	3,000	N	N	N	70	1,500	1.0	N
TK0460S	62.3606	152.7481	.7	.10	.50	.07	500	N	N	N	700	200	3.0	N
TK0461D	62.3578	152.7136	1.5	.20	1.00	.10	500	N	N	N	70	300	2.0	N
TK0461S	62.3578	152.7136	.7	.07	.50	.07	300	N	N	N	300	300	2.0	N
TK0462S	62.9117	152.1497	.5	.20	.15	.07	200	N	N	N	70	700	3.0	N
TK0463D	62.3083	152.7089	7.0	1.50	.30	.30	3,000	N	N	N	70	1,500	1.0	N
TK0463S	62.3083	152.7089	2.0	1.00	.30	.20	2,000	N	N	N	100	1,500	1.5	N
TK0464D	62.9808	151.9358	5.0	1.50	1.00	.50	1,500	N	N	N	70	2,000	1.0	N
TK0464S	62.9808	151.9358	5.0	1.50	1.50	.70	700	.7	N	N	100	1,500	1.5	N
TK0465S	62.7364	152.9108	3.0	1.00	3.00	.30	500	1.0	N	N	150	1,500	1.5	N
TK0466D	62.9658	151.8906	5.0	1.50	.50	.30	1,000	N	N	N	70	1,000	1.0	N
TK0466S	62.9658	151.8906	7.0	1.50	1.00	.50	700	N	N	N	150	1,000	2.0	N
TK0467S	62.7172	152.8939	5.0	1.50	3.00	.50	500	.7	N	N	200	2,000	1.5	N
TK0468D	62.9556	151.8606	5.0	1.50	1.50	.30	1,000	N	N	N	20	700	1.0	N
TK0468S	62.9556	151.8606	1.5	.50	2.00	.20	500	N	N	N	10	500	1.0	N
TK0469S	62.7172	152.8814	7.0	1.50	3.00	.70	700	N	N	N	300	1,000	1.5	N
TK0470D	62.9669	151.8394	7.0	1.50	.70	.50	1,000	N	N	N	70	1,500	1.0	N
TK0470S	62.9669	151.8394	7.0	1.50	1.50	.50	1,000	N	N	N	150	700	1.5	N
TK0471S	62.7089	152.8586	5.0	1.50	5.00	.50	700	N	N	N	150	1,000	1.5	N
TK0472D	62.9886	151.7456	15.0	1.50	.50	.50	2,000	N	N	N	100	3,000	1.0	N
TK0472S	62.9886	151.7456	7.0	1.50	.70	.30	5,000	N	N	N	300	3,000	2.0	N
TK0473S	62.7128	152.8525	7.0	1.50	1.50	.70	1,000	N	N	N	100	700	1.5	N
TK0474D	62.9858	151.7356	5.0	1.00	.30	.30	1,500	N	N	N	100	5,000	1.0	N
TK0474S	62.9858	151.7356	5.0	1.50	.50	.50	1,000	N	N	N	150	5,000	2.0	N
TK0475S	62.7178	152.9197	1.5	.50	2.00	.20	300	N	N	N	150	1,500	1.5	N
TK0476D	62.9822	151.7306	5.0	1.50	.30	.30	1,000	N	N	N	100	2,000	1.0	N
TK0476S	62.9822	151.7306	7.0	2.00	.70	.50	1,000	.5	N	N	300	3,000	2.0	N
TK0477S	62.7322	152.9492	5.0	1.00	1.00	.50	500	.7	N	N	200	2,000	2.0	N
TK0478D	62.9642	151.7592	7.0	1.50	1.00	.50	1,500	N	N	N	150	2,000	1.0	N

STREAM SEDIMENT AND GLACIAL DEBRIS--continued

sample	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR	S-V	S-W	S-Y
TK0443S	N	7	50	10	100	N	N	20	15	N	10	N	300	30	N	20
TK0445S	N	20	500	30	30	N	N	150	30	N	15	N	300	150	N	20
TK0446S	N	15	200	30	20	N	N	100	50	N	15	N	100	150	N	15
TK0447S	N	15	150	20	20	N	N	70	20	N	10	N	300	70	N	15
TK0448S	N	20	300	30	30	N	<20	100	30	N	15	N	150	150	N	20
TK0449S	N	10	100	30	50	N	N	50	<10	N	10	N	300	100	N	15
TK0450S	N	5	150	7	100	N	20	15	15	N	10	N	700	70	N	30
TK0451S	N	10	100	100	200	N	N	50	30	N	10	N	700	100	N	200
TK0452S	N	15	100	30	20	N	N	70	15	N	15	N	150	150	N	20
TK0453S	N	15	150	30	30	N	N	70	20	N	10	N	150	150	N	15
TK0454D	N	<5	<10	<5	50	N	<20	10	20	N	5	N	<100	20	N	30
TK0455S	N	N	N	150	50	N	N	5	30	N	N	N	N	<10	N	200
TK0456D	N	<5	<10	10	50	N	<20	<5	30	N	5	N	<100	<10	N	200
TK0457S	N	15	700	30	30	N	N	70	10	N	15	N	100	150	N	20
TK0459D	N	30	150	100	50	N	<20	150	20	N	20	N	100	300	N	20
TK0459S	N	20	150	50	30	N	N	100	15	N	15	N	100	150	N	20
TK0460D	N	30	200	100	50	N	<20	150	20	N	20	N	100	300	N	20
TK0460S	N	N	N	5	70	N	N	5	30	N	N	N	N	<10	N	100
TK0461D	N	<5	20	<5	100	N	<20	10	50	N	5	N	<100	20	N	30
TK0461S	N	N	N	N	50	N	N	<5	30	N	N	N	N	<10	N	30
TK0462S	N	N	50	5	30	N	N	7	30	N	N	N	N	15	N	100
TK0463D	N	30	150	100	50	N	<20	150	10	N	15	N	100	300	N	20
TK0463S	N	15	100	30	20	N	N	50	20	N	10	N	N	150	N	10
TK0464D	N	20	100	100	50	10	<20	70	10	N	20	N	100	300	N	20
TK0464S	N	20	150	100	20	20	N	70	15	N	15	N	100	200	N	30
TK0465S	N	15	150	30	20	15	N	70	15	N	10	N	150	200	N	20
TK0466D	N	20	70	50	50	N	<20	30	15	N	15	N	100	150	N	20
TK0466S	N	20	100	30	30	N	N	50	20	N	20	N	100	150	N	20
TK0467S	N	20	150	70	30	15	N	100	20	N	15	N	150	200	N	20
TK0468D	N	50	50	100	50	N	<20	50	15	N	15	N	150	150	N	20
TK0468S	N	7	N	7	<20	N	N	15	<10	N	7	N	150	50	N	<10
TK0469S	N	20	70	70	30	N	N	70	15	N	15	N	150	150	N	15
TK0470D	N	30	100	100	50	N	<20	70	30	N	30	N	100	300	N	20
TK0470S	N	30	100	30	30	N	N	50	30	N	20	N	<100	150	N	15
TK0471S	N	15	70	100	30	N	N	30	N	N	10	N	150	150	N	15
TK0472D	N	70	100	150	50	N	<20	300	20	N	30	N	100	700	N	30
TK0472S	50	70	70	100	50	10	N	500	20	N	15	N	100	300	N	30
TK0473S	N	20	100	100	30	N	N	70	10	N	15	N	100	200	N	15
TK0474D	N	30	70	100	50	N	<20	100	20	N	15	N	100	300	N	20
TK0474S	N	10	70	70	50	N	N	50	10	N	10	N	<100	200	N	15
TK0475S	N	5	50	20	30	N	N	30	<10	N	7	N	100	150	N	15
TK0476D	N	20	70	100	50	N	<20	100	20	N	15	N	100	300	N	20
TK0476S	N	15	150	70	30	N	N	70	30	N	15	N	100	300	N	20
TK0477S	N	10	150	70	30	15	N	70	10	N	10	N	150	200	N	20
TK0478D	N	50	150	150	50	N	<20	100	30	N	20	N	100	500	N	30

STREAM SEDIMENT AND GLACIAL DEBRIS--continued

sample	S-ZN	S-ZR	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P
TK0443S	N	150	.10	25	5	20
TK0445S	N	300	--	55	30	95
TK0446S	200	150	--	60	20	180
TK0447S	N	100	N	35	20	90
TK0448S	<200	150	--	60	30	140
TK0449S	200	70	--	65	30	220
TK0450S	N	150	N	50	5	45
TK0451S	N	150	N	55	25	85
TK0452S	<200	150	N	60	30	130
TK0453S	300	150	--	70	40	430
TK0454D	N	100	N	N	10	95
TK0455S	N	70	N	10	5	40
TK0456D	<200	150	N	5	20	140
TK0457S	<200	100	N	45	15	100
TK0459D	<200	150	N	65	25	190
TK0459S	<200	150	.05	55	25	150
TK0460D	<200	300	N	10	5	45
TK0460S	N	150	N	15	<5	30
TK0461D	N	200	--	5	5	50
TK0461S	N	20	N	5	<5	30
TK0462S	N	10	N	15	10	75
TK0463D	N	200	N	50	20	160
TK0463S	<200	100	--	55	30	190
TK0464D	N	300	N	85	15	190
TK0464S	<200	150	--	90	25	230
TK0465S	300	150	N	55	25	470
TK0466D	N	200	N	40	35	130
TK0466S	N	100	--	140	60	140
TK0467S	300	150	N	410	20	410
TK0468D	N	300	N	25	10	70
TK0468S	N	20	N	45	5	45
TK0469S	<200	100	N	140	25	140
TK0470D	<200	300	N	25	40	170
TK0470S	200	150	N	40	50	190
TK0471S	N	100	N	75	20	130
TK0472D	3,000	200	N	95	25	4,100
TK0472S	5,000	150	--	100	35	6,200
TK0473S	N	150	--	95	20	220
TK0474D	200	200	N	75	20	360
TK0474S	<200	150	N	80	20	200
TK0475S	200	100	N	95	25	440
TK0476D	<200	300	N	70	30	200
TK0476S	<200	150	N	80	30	180
TK0477S	300	150	N	95	20	360
TK0478D	<200	300	N	95	30	290

STREAM SEDIMENT AND GLACIAL DEBRIS--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	S-BI
TK0478S	62.9642	151.7592	7.0	2.00	.70	.70	1,000	.7	N	N	300	2,000	2.0	N
TK0479S	62.7033	152.9217	5.0	1.00	1.50	.30	700	.5	N	N	150	2,000	1.5	N
TK0480S	62.0881	152.7703	5.0	.50	.70	.50	1,000	N	N	N	100	700	1.5	N
TK0481S	62.6833	152.9231	7.0	1.50	.70	.50	2,000	.5	N	N	300	5,000	2.0	N
TK0482S	62.0736	152.8364	5.0	1.00	1.50	.70	1,000	N	N	N	100	500	2.0	N
TK0483S	62.6800	152.9292	7.0	1.50	1.00	.50	1,500	N	N	N	200	5,000	2.0	N
TK0484S	62.0908	152.8858	5.0	1.00	1.50	.50	1,000	N	N	N	100	500	2.0	N
TK0485S	62.7386	152.6800	7.0	1.50	1.00	1.00	>5,000	N	N	N	200	2,000	2.0	N
TK0486S	62.1172	152.8714	7.0	1.50	1.50	.50	1,000	N	N	N	100	700	1.5	N
TK0487S	62.7369	152.6697	7.0	1.00	2.00	.70	>5,000	N	N	N	200	1,500	2.0	N
TK0488S	62.1258	152.6497	7.0	1.00	1.00	.50	700	N	N	N	100	700	1.5	N
TK0489S	62.7414	152.7222	7.0	1.50	1.00	.50	500	N	N	N	200	3,000	2.0	N
TK0490S	62.5119	152.1211	1.5	.50	1.50	.10	700	N	N	N	50	700	2.0	N
TK0491S	62.7378	152.7344	5.0	1.00	.50	.30	700	.5	N	N	150	5,000	1.5	N
TK0492S	62.4425	152.0558	5.0	.70	1.00	.20	1,000	N	N	N	70	1,000	1.0	N
TK0493S	62.7664	152.7083	7.0	.70	.20	.30	700	N	N	N	300	700	2.0	N
TK0494S	62.4333	152.2106	5.0	1.00	1.00	.30	700	N	N	N	100	700	2.0	N
TK0495S	62.7606	152.7081	7.0	1.00	.30	.70	700	N	N	N	200	700	2.0	N
TK0496S	62.3925	152.2156	5.0	1.00	1.00	.30	1,000	N	N	N	100	1,000	2.0	N
TK0497S	62.7817	152.5661	7.0	1.00	.70	.50	1,500	.5	N	N	200	5,000	2.0	N
TK0498S	62.1364	152.6994	5.0	1.00	1.00	.50	1,000	N	N	N	100	700	2.0	N
TK0499S	62.7764	152.5708	7.0	1.50	1.00	.70	1,500	N	N	N	200	1,500	2.0	N
TK0500S	62.1572	152.7211	5.0	.70	.70	.30	700	N	N	N	100	700	2.0	N
TK0501S	62.1811	152.7136	5.0	.70	.50	.30	700	N	N	N	100	700	1.5	N
TK0502S	62.1728	152.6547	5.0	.50	.70	.30	700	N	N	N	100	700	1.5	N
TK0503S	62.1972	152.6728	5.0	.70	.70	.30	700	N	N	N	100	700	1.5	N
TK0504S	62.2044	152.7217	7.0	1.00	1.00	.30	1,500	N	N	N	100	1,000	2.0	N
TK0505S	62.2039	152.6169	5.0	.50	.50	.30	700	N	N	N	100	700	1.5	N
TK0506S	62.2169	152.6431	5.0	.50	.50	.30	700	N	N	N	100	700	1.0	N
TK0507S	62.2214	152.6517	5.0	.50	.50	.30	700	N	N	N	100	700	1.0	N
TK0508S	62.2258	152.6897	7.0	1.00	1.00	.30	1,000	N	N	N	100	700	2.0	N
TK0509S	62.2436	152.6636	7.0	1.00	.70	.30	1,000	N	N	N	100	700	2.0	N
TK0510S	62.2464	152.6819	7.0	1.00	1.00	.30	1,000	N	N	N	150	700	3.0	N
TK0511S	62.1911	152.7833	7.0	1.00	1.00	.50	1,500	N	N	N	100	700	2.0	N
TK0512S	62.1994	152.8519	3.0	.70	1.00	.30	700	N	N	N	70	700	2.0	N
TK0513S	62.2189	152.8419	3.0	.70	1.00	.20	500	N	N	N	100	700	3.0	N
TK0514S	62.2217	152.8494	1.5	.50	1.00	.15	300	N	N	N	70	1,000	3.0	N
TK0515S	62.2025	152.9314	7.0	.70	1.00	.50	2,000	N	N	N	100	1,000	2.0	N
TK0516S	62.2175	152.8906	7.0	.70	.70	.50	1,500	N	N	N	100	1,000	2.0	N
TK0517S	62.2297	152.9206	7.0	.70	1.00	.50	1,500	N	N	N	100	1,000	2.0	N
TK0518S	62.2325	152.9644	7.0	.70	1.00	.50	1,500	N	N	N	100	1,000	2.0	N
TK0519S	62.2369	152.9575	7.0	.70	1.00	.50	1,500	N	N	N	100	1,000	2.0	N
TK0520S	62.2386	152.3942	7.0	.70	.70	.50	1,500	N	N	N	100	1,000	2.0	N
TK0521S	62.2497	152.9056	7.0	.70	.70	.50	1,500	N	N	N	100	1,000	2.0	N
TK0522S	62.2600	152.8975	7.0	.70	.70	.50	2,000	N	N	N	100	1,000	2.0	N

STREAM SEDIMENT AND GLACIAL DEBRIS--continued

sample	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR	S-V	S-W	S-Y
TK0478S	N	20	200	100	30	N	N	100	30	N	20	N	100	300	N	20
TK0479S	N	15	100	70	30	10	N	70	10	N	10	N	100	150	N	20
TK0480S	N	30	150	70	30	N	<20	70	20	N	20	N	200	200	N	30
TK0481S	N	30	150	70	50	10	N	150	30	N	15	N	100	200	N	30
TK0482S	N	30	200	30	30	N	<20	50	30	N	20	N	500	150	N	30
TK0483S	N	30	150	100	50	7	N	100	20	N	15	N	100	200	N	20
TK0484S	N	30	150	50	30	N	<20	70	30	N	20	N	500	150	N	30
TK0485S	N	70	100	70	50	N	N	500	30	N	15	N	200	150	N	20
TK0486S	N	30	200	70	30	N	<20	70	30	N	20	N	700	150	N	30
TK0487S	N	100	100	70	30	7	N	500	20	N	10	N	200	150	N	20
TK0488S	N	30	150	70	30	N	<20	70	30	N	20	N	500	150	N	20
TK0489S	N	20	100	70	30	10	N	150	20	N	15	N	150	150	N	20
TK0490S	N	10	50	7	200	N	<20	20	30	N	10	N	700	70	N	10
TK0491S	N	15	100	100	30	7	N	70	20	N	10	N	150	200	N	15
TK0492S	N	20	70	30	200	N	<20	70	20	N	15	N	200	100	N	20
TK0493S	N	20	70	30	30	N	N	50	30	N	10	N	100	100	N	20
TK0494S	N	30	150	70	50	N	<20	70	20	N	15	N	300	200	N	30
TK0495S	N	15	100	30	30	N	N	30	30	N	15	N	100	100	N	20
TK0496S	N	50	150	100	30	N	<20	70	50	N	20	N	300	150	N	30
TK0497S	N	20	100	70	30	N	N	100	20	N	15	N	150	150	N	20
TK0498S	N	30	150	70	30	N	<20	70	30	N	20	N	300	150	N	30
TK0499S	N	20	150	70	50	N	N	100	10	N	15	N	150	200	N	20
TK0500S	N	30	150	50	30	N	<20	70	20	N	20	N	200	150	N	30
TK0501S	N	30	150	50	30	N	<20	70	20	N	20	N	200	150	N	30
TK0502S	N	20	150	30	30	N	<20	70	20	N	15	N	200	150	N	30
TK0503S	N	20	150	50	70	N	<20	70	10	N	20	N	200	200	N	30
TK0504S	N	30	150	70	50	N	<20	100	<10	N	20	N	200	150	N	30
TK0505S	N	30	100	50	50	N	<20	70	20	N	15	N	200	150	N	30
TK0506S	N	30	100	30	30	N	<20	70	30	N	15	N	200	150	N	30
TK0507S	N	30	150	70	30	N	<20	70	30	N	15	N	200	150	N	30
TK0508S	N	30	150	70	30	N	<20	70	50	N	20	N	300	150	N	30
TK0509S	N	30	150	70	30	N	<20	70	50	N	20	N	200	150	N	30
TK0510S	N	30	500	70	50	N	<20	100	50	N	15	N	500	150	N	30
TK0511S	N	30	150	70	50	N	<20	100	50	N	20	N	200	150	N	30
TK0512S	N	15	100	30	70	N	<20	70	50	N	10	N	500	100	N	30
TK0513S	N	15	70	50	70	N	<20	70	50	N	5	N	500	100	N	20
TK0514S	N	10	50	7	50	N	<20	20	50	N	5	N	500	50	N	10
TK0515S	N	30	150	70	50	N	<20	70	20	N	20	N	200	200	N	30
TK0516S	N	50	150	70	50	N	<20	70	30	N	20	N	200	200	N	30
TK0517S	N	50	150	70	50	N	<20	70	30	N	20	N	200	200	N	30
TK0518S	N	30	150	70	50	N	<20	70	50	N	20	N	200	200	N	30
TK0519S	N	30	150	70	50	N	<20	70	30	N	20	N	200	200	N	30
TK0520S	N	30	150	70	50	N	<20	70	30	N	20	N	200	200	N	30
TK0521S	N	30	150	70	50	N	<20	70	30	N	20	N	200	200	N	30
TK0522S	N	30	150	70	50	N	<20	70	30	N	20	N	200	200	N	30

STREAM SEDIMENT AND GLACIAL DEBRIS--continued

sample	S-ZN	S-ZR	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P
TK0478S	<200	150	N	75	30	260
TK0479S	200	150	N	110	25	370
TK0480S	<200	150	N	65	20	150
TK0481S	1,000	150	N	95	30	1,000
TK0482S	<200	100	N	25	20	65
TK0483S	700	150	--	120	30	680
TK0484S	<200	100	--	55	20	110
TK0485S	700	150	--	70	35	920
TK0486S	<200	300	N	45	20	120
TK0487S	1,500	150	--	75	25	2,200
TK0488S	<200	100	N	55	20	140
TK0489S	1,500	150	--	80	30	2,400
TK0490S	N	30	N	15	<5	30
TK0491S	500	100	--	110	25	580
TK0492S	N	150	N	40	10	75
TK0493S	N	200	--	50	30	160
TK0494S	<200	100	N	50	15	140
TK0495S	N	200	N	50	25	140
TK0496S	<200	100	.10	95	40	200
TK0497S	300	200	--	85	30	430
TK0498S	<200	100	N	65	20	150
TK0499S	<200	150	N	90	20	180
TK0500S	N	150	N	50	15	130
TK0501S	N	150	N	40	15	110
TK0502S	N	100	N	40	10	100
TK0503S	<200	100	N	55	15	130
TK0504S	200	100	.15	75	20	190
TK0505S	N	100	N	35	10	95
TK0506S	N	100	N	30	10	90
TK0507S	<200	100	N	50	15	120
TK0508S	N	200	N	45	15	140
TK0509S	<200	100	N	55	20	160
TK0510S	<200	200	N	35	10	95
TK0511S	<200	150	N	65	25	180
TK0512S	N	100	N	20	5	40
TK0513S	N	150	N	15	5	35
TK0514S	N	150	N	10	5	25
TK0515S	<200	150	N	65	20	170
TK0516S	<200	200	N	70	30	200
TK0517S	<200	150	N	70	20	180
TK0518S	<200	150	N	80	25	180
TK0519S	<200	150	N	80	20	170
TK0520S	<200	150	N	60	25	150
TK0521S	<200	150	N	60	20	170
TK0522S	<200	150	N	65	25	180

STREAM SEDIMENT AND GLACIAL DEBRIS--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	S-BI
TK0523S	62.2667	152.8550	7.0	.70	1.00	.50	1,500	N	N	N	100	1,000	2.0	N
TK0524S	62.2825	152.8767	7.0	.70	1.00	.50	2,000	N	N	N	100	1,000	2.0	N
TK0525S	62.3072	152.8092	7.0	.70	.70	.50	2,000	N	N	N	100	1,000	2.0	N
TK0526S	62.3061	152.8250	7.0	.70	.70	.50	1,500	N	N	N	100	1,000	2.0	N
TK0527S	62.3264	152.8444	7.0	.70	.70	.50	1,000	N	N	N	100	1,000	2.0	N
TK0528S	62.2944	152.7831	7.0	.70	1.00	.50	1,500	N	N	N	100	1,000	2.0	N
TK0529S	62.3000	152.7564	7.0	.70	1.00	.50	1,500	N	N	N	100	1,000	2.0	N
TK0530S	62.2936	152.6778	7.0	.70	1.00	.50	1,500	N	N	N	100	1,000	2.0	N
TK0531S	62.2631	152.6142	7.0	.70	.20	.50	1,500	N	N	N	100	1,000	2.0	N
TK0532S	62.2586	152.7094	7.0	.70	.20	.50	1,500	N	N	N	100	1,000	2.0	N
TK0533S	62.3364	152.7789	7.0	.70	.70	.50	2,000	N	N	N	100	1,000	2.0	N
TK0534D	62.3267	152.6742	10.0	2.00	.50	.30	1,500	<.5	700	N	70	1,000	2.0	N
TK0535S	62.3367	152.7628	7.0	.70	.70	.50	2,000	N	N	N	100	1,000	2.0	N
TK0536S	62.3223	152.7636	7.0	.70	.70	.50	2,000	N	N	N	100	1,000	2.0	N
TK0537S	62.3256	152.9264	7.0	.70	.70	.50	1,500	N	N	N	100	1,000	2.0	N
TK0538S	62.3242	152.9717	5.0	.70	.70	.30	1,000	N	N	N	100	1,000	1.5	N
TK0539S	62.3869	152.9589	5.0	.70	.70	.30	1,500	N	N	N	100	1,000	1.5	N
TK0540S	62.3458	152.9825	5.0	.70	1.00	.70	1,000	N	N	N	100	1,000	1.0	N
TK0541S	62.3992	152.9853	5.0	.70	10.00	.30	700	N	N	N	100	1,000	<1.0	N
TK0542S	62.4200	152.9383	7.0	.70	7.00	.30	700	N	N	N	70	1,000	1.0	N
TK0543S	62.1356	152.6156	5.0	.70	1.00	.20	700	N	N	N	100	1,000	1.5	N
TK0544S	62.1383	152.6303	5.0	.70	.50	.30	700	N	N	N	100	1,000	1.5	N
TK0545S	62.1064	152.6386	5.0	.70	1.00	.20	700	N	N	N	100	1,000	1.5	N
TK0546S	62.0564	152.5736	7.0	.70	1.00	.30	1,000	N	N	N	100	1,000	1.5	N
TK0547S	62.0533	152.4972	10.0	1.50	1.50	.50	1,500	N	N	N	70	1,000	2.0	N
TK0548S	62.0306	152.4444	7.0	1.50	1.50	.30	700	N	N	N	70	1,000	2.0	N
TK0549S	62.0433	152.2483	10.0	1.50	1.50	.50	3,000	N	N	N	100	1,000	2.0	N
TK0550S	62.0492	152.2558	10.0	1.50	1.50	.50	2,000	N	N	N	100	1,000	2.0	N
TK0551S	62.0686	152.2164	7.0	1.50	3.00	.20	700	N	N	N	50	1,000	1.5	N
TK0552S	62.0708	152.2419	7.0	1.50	3.00	.50	1,000	N	N	N	50	1,000	1.5	N
TK0553S	62.0839	152.2761	10.0	1.50	1.50	.50	1,000	N	N	N	100	1,000	2.0	N
TK0555S	62.0917	152.3236	10.0	1.50	1.50	.50	1,000	N	N	N	150	1,000	2.0	N
TK0556S	62.0875	152.3831	10.0	1.50	1.50	.50	1,000	N	N	N	150	1,000	2.0	N
TK0557S	62.0778	152.4228	10.0	5.00	3.00	.50	1,000	N	N	N	20	1,000	1.5	N
TK0558S	62.0967	152.4719	7.0	1.50	1.00	.30	1,000	N	N	N	100	1,000	1.5	N
TK0559S	62.1033	152.4686	10.0	1.50	1.50	.50	1,000	N	N	N	70	1,000	2.0	N
TK0560S	62.1161	152.4106	7.0	1.50	3.00	.30	1,500	N	N	N	20	1,000	2.0	N
TK0561S	62.1478	152.4675	10.0	1.50	1.50	.50	1,000	N	N	N	100	1,000	2.0	N
TK0562S	62.4247	152.9081	1.0	.20	1.00	.05	200	N	N	N	50	500	3.0	N
TK0563S	62.4344	152.9256	10.0	2.00	15.00	.30	700	N	N	N	100	1,000	1.0	N
TK0564S	62.4567	152.9994	5.0	2.00	20.00	.20	500	N	N	N	100	1,000	1.0	N
TK0565S	62.4928	152.9864	5.0	2.00	>20.00	.15	1,000	N	N	N	100	1,000	1.0	N
TK0566S	62.4619	152.8728	5.0	.70	1.50	.15	1,000	N	N	N	150	1,000	5.0	N
TK0567S	62.4819	152.8653	10.0	1.50	10.00	.30	1,000	N	N	N	200	1,000	3.0	N
TK0568S	62.4844	152.8419	10.0	7.00	5.00	.30	1,000	N	N	N	100	500	1.0	N

STREAM SEDIMENT AND GLACIAL DEBRIS--continued

sample	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR	S-V	S-W	S-Y
TK0523S	N	30	150	70	50	N	<20	70	30	N	20	N	200	200	N	30
TK0524S	N	30	150	70	50	N	<20	70	30	N	20	N	200	200	N	30
TK0525S	N	30	150	70	50	N	<20	70	50	N	20	N	200	200	N	30
TK0526S	N	30	150	70	50	N	<20	70	30	N	20	N	200	200	N	30
TK0527S	N	30	150	70	50	N	<20	70	30	N	20	N	200	200	N	30
TK0528S	N	30	150	70	50	N	<20	70	50	N	20	N	200	200	N	30
TK0529S	N	30	150	70	50	N	<20	70	30	N	20	N	200	200	N	30
TK0530S	N	30	150	50	50	N	<20	70	30	N	20	N	200	200	N	30
TK0531S	N	30	150	70	50	N	<20	70	30	N	20	N	200	200	N	30
TK0532S	N	30	150	70	50	N	<20	70	30	N	20	N	200	200	N	30
TK0533S	N	30	150	70	50	N	<20	70	30	N	20	N	200	200	N	30
TK0534D	N	70	300	150	50	N	<20	150	100	N	20	N	200	150	N	30
TK0535S	N	30	150	70	50	N	<20	70	50	N	20	N	200	200	N	30
TK0536S	N	30	150	70	50	N	<20	70	30	N	20	N	200	200	N	30
TK0537S	N	30	150	70	50	N	<20	70	30	N	20	N	200	200	N	30
TK0538S	N	50	150	70	50	N	<20	100	30	N	20	N	200	200	N	30
TK0539S	N	50	150	70	30	N	<20	100	30	N	20	N	200	150	N	30
TK0540S	N	30	100	70	30	N	<20	70	30	N	20	N	300	150	N	30
TK0541S	N	30	100	50	30	N	<20	70	30	N	15	N	1,500	150	N	30
TK0542S	N	50	100	70	50	N	<20	70	30	N	20	N	1,500	150	N	30
TK0543S	N	20	100	50	50	N	<20	70	20	N	15	N	300	100	N	20
TK0544S	N	30	200	70	30	N	<20	70	20	N	20	N	200	150	N	30
TK0545S	N	30	100	70	50	N	<20	70	20	N	15	N	500	100	N	20
TK0546S	N	50	200	100	50	N	<20	100	30	N	20	N	200	150	N	30
TK0547S	N	30	150	70	50	N	<20	70	30	N	20	N	700	200	N	30
TK0548S	N	30	150	50	50	N	<20	70	30	N	15	N	700	150	N	30
TK0549S	N	70	150	150	50	<5	<20	150	50	N	20	N	500	200	N	50
TK0550S	N	50	150	100	50	N	<20	150	50	N	20	N	500	200	N	30
TK0551S	N	20	50	30	50	N	<20	50	30	N	15	N	1,000	150	N	20
TK0552S	N	20	70	50	50	N	<20	50	30	N	20	N	1,000	150	N	20
TK0553S	N	30	200	70	50	N	<20	100	50	N	20	N	700	150	N	30
TK0555S	N	30	200	70	50	N	<20	100	50	N	20	N	500	150	N	30
TK0556S	N	50	200	100	50	N	<20	100	50	N	20	N	700	150	N	30
TK0557S	N	30	100	70	100	N	<20	70	20	N	30	N	700	150	N	30
TK0558S	N	30	200	70	50	N	<20	70	50	N	15	N	500	150	N	30
TK0559S	N	30	150	70	50	N	<20	70	30	N	20	N	500	150	N	30
TK0560S	N	30	150	70	100	N	<20	70	50	N	20	N	700	150	N	30
TK0561S	N	50	200	70	70	N	<20	100	50	N	20	N	500	150	N	30
TK0562S	N	15	20	<5	50	N	<20	20	70	N	<5	N	100	20	N	50
TK0563S	N	30	150	70	50	N	<20	70	50	N	20	N	1,000	150	N	30
TK0564S	N	20	100	50	50	N	<20	50	50	N	15	N	1,000	150	N	20
TK0565S	N	20	100	30	50	N	<20	50	20	N	15	N	1,500	100	N	20
TK0566S	N	20	100	30	100	N	<20	50	100	N	10	N	200	100	N	200
TK0567S	N	30	200	50	150	N	<20	70	50	N	20	N	700	150	N	50
TK0568S	N	50	700	70	30	N	<20	300	30	N	20	N	200	150	N	30

STREAM SEDIMENT AND GLACIAL DEBRIS -continued

sample	S-ZN	S-ZR	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P
TK0523S	<200	150	N	55	25	160
TK0524S	<200	150	N	70	25	180
TK0525S	<200	150	N	65	30	160
TK0526S	<200	200	N	50	20	150
TK0527S	<200	150	N	55	15	110
TK0528S	<200	300	N	40	20	170
TK0529S	<200	200	N	60	25	180
TK0530S	<200	150	N	70	20	100
TK0531S	<200	150	N	40	25	190
TK0532S	<200	150	N	40	15	120
TK0533S	<200	200	N	65	25	170
TK0534D	300	100	.30	170	70	280
TK0535S	<200	150	N	75	35	190
TK0536S	<200	150	N	80	25	200
TK0537S	<200	15	N	65	25	170
TK0538S	<200	200	N	65	20	180
TK0539S	N	150	N	65	30	160
TK0540S	N	200	N	55	20	160
TK0541S	N	150	N	50	25	85
TK0542S	N	150	N	70	25	100
TK0543S	N	150	N	45	10	65
TK0544S	<200	150	N	65	20	140
TK0545S	N	150	N	55	15	95
TK0546S	<200	200	N	80	40	170
TK0547S	200	150	N	55	20	85
TK0548S	200	100	N	40	20	90
TK0549S	500	200	N	110	30	230
TK0550S	500	200	N	90	30	200
TK0551S	<200	50	N	15	15	60
TK0552S	<200	200	N	15	15	50
TK0553S	300	150	N	70	25	170
TK0555S	<200	300	N	60	20	110
TK0556S	200	150	N	80	25	130
TK0557S	N	150	N	45	10	35
TK0558S	<200	100	N	45	15	85
TK0559S	<200	150	N	40	20	95
TK0560S	<200	150	N	35	15	50
TK0561S	<200	150	N	60	25	110
TK0562S	N	50	N	10	<5	30
TK0563S	N	200	N	60	35	85
TK0564S	<200	70	N	40	40	50
TK0565S	<200	50	N	25	50	30
TK0566S	N	200	N	20	10	60
TK0567S	<200	300	N	45	35	100
TK0568S	N	50	N	80	35	85

STREAM SEDIMENT AND GLACIAL DEBRIS--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	S-BI
TK0569D	62.4633	152.8200	2.0	.70	.70	.15	500	N	N	N	100	500	2.0	N
TK0570D	62.4503	152.7972	2.0	.50	1.00	.15	700	N	N	N	150	300	2.0	N
TK0571S	62.4506	152.8933	10.0	1.50	.70	.30	3,000	N	N	N	100	1,000	2.0	N
TK0572S	62.3953	152.8661	5.0	1.50	1.00	.20	700	N	N	N	200	1,000	5.0	N
TK0573S	62.3908	152.8708	10.0	2.00	1.50	.50	1,000	N	N	N	150	1,000	2.0	N
TK0573S	62.3908	152.8708	7.0	1.50	.50	.30	1,000	N	N	N	70	1,000	1.0	N
TK0574S	62.3700	152.9250	10.0	2.00	1.00	.50	1,500	N	N	N	150	1,000	2.0	N
TK0575S	62.3089	152.5733	10.0	1.50	.50	.50	1,500	N	N	N	100	1,000	2.0	N
TK0576S	62.3133	152.6039	10.0	7.00	3.00	.30	1,000	2.0	N	N	50	700	2.0	N
TK0577S	62.3242	152.5897	10.0	3.00	1.00	.30	2,000	N	N	N	100	1,000	2.0	N
TK0578S	62.3833	152.5833	5.0	1.50	1.50	.30	700	N	N	N	100	1,000	2.0	N
TK0579S	62.2661	152.5339	10.0	2.00	.70	.30	1,500	N	N	N	200	1,000	2.0	N
TK0580S	62.2975	152.4811	10.0	1.50	.30	.30	1,500	N	N	N	150	1,000	2.0	N
TK0581S	62.2511	152.4258	5.0	1.50	.20	.30	2,000	N	N	N	150	1,000	2.0	N
TK0582S	62.1756	152.5086	7.0	1.50	.70	.30	1,000	N	N	N	150	1,000	2.0	N
TK0583S	62.4369	152.0569	5.0	1.50	1.00	.30	700	N	N	N	200	1,000	2.0	N
TK0584S	62.4567	152.0744	5.0	1.50	.70	.30	1,000	N	N	N	100	1,000	2.0	N
TK0585S	62.4772	152.1586	7.0	1.50	.50	.70	1,000	N	N	N	150	1,000	2.0	N
TK0586S	62.4250	152.0675	7.0	1.50	1.00	.50	700	N	N	N	100	1,000	2.0	N
TK0587S	62.4669	152.2408	7.0	1.50	.50	.50	1,000	N	N	N	150	1,000	2.0	N
TK0588S	62.4836	152.2436	7.0	1.50	.70	.50	1,000	N	N	N	150	1,000	2.0	N
TK0589S	62.5108	152.1964	10.0	7.00	2.00	.30	1,000	N	N	N	100	1,000	2.0	N
TK0590S	62.4903	152.2622	5.0	5.00	5.00	.30	1,500	N	N	N	100	1,000	2.0	N
TK0591S	62.5167	152.2469	7.0	5.00	5.00	.20	1,500	N	N	N	100	1,000	2.0	N
TK0592S	62.3547	152.0419	7.0	2.00	1.50	.30	1,500	N	N	N	100	1,000	2.0	N
TK0593S	62.3692	152.1161	10.0	2.00	2.00	.50	2,000	N	N	N	50	1,000	2.0	N
TK0594S	62.3856	152.2853	10.0	2.00	1.00	.30	1,500	N	N	N	150	1,000	2.0	N
TK0595S	62.3936	152.3333	10.0	2.00	.50	.50	1,500	7.0	N	N	150	1,000	2.0	N
TK0596S	62.4019	152.3900	7.0	2.00	.70	.70	3,000	N	N	N	200	1,000	2.0	N
TK0597S	62.4053	152.3989	7.0	2.00	.70	.70	2,000	N	N	N	150	1,000	2.0	N
TK0598S	62.4225	152.4203	10.0	5.00	2.00	.30	1,500	N	N	N	70	1,000	2.0	N
TK0599D	62.4214	152.4422	10.0	1.50	.20	.30	1,000	2.0	N	N	70	1,000	1.5	N
TK0600D	62.4503	152.4678	7.0	1.50	.30	.30	1,000	N	N	N	70	1,000	1.0	N
TK0601D	62.4781	152.4872	2.0	.30	.70	.15	1,000	N	N	N	200	500	2.0	N
TK0602S	62.2853	152.9606	10.0	1.50	.70	.50	2,000	N	N	N	100	1,000	2.0	N
TK0603S	62.2733	152.9886	7.0	1.50	.50	.50	1,500	N	N	N	100	1,000	2.0	N
TK0604S	62.5283	152.7972	10.0	1.50	2.00	.50	700	N	N	N	150	1,000	2.0	N
TK0605D	62.4778	152.7800	1.5	.20	.70	.07	700	N	N	N	150	200	2.0	N
TK0606D	62.4478	152.7481	3.0	1.00	1.00	.15	500	N	N	N	200	300	2.0	N
TK0607S	62.4864	152.3533	10.0	5.00	2.00	.50	1,000	N	N	N	70	1,000	2.0	N
TK0608S	62.4425	152.1344	7.0	1.50	1.00	.30	1,500	N	N	N	70	1,000	2.0	N
TK0609D	62.4006	152.7103	1.5	.20	.20	.10	500	N	N	N	150	100	2.0	N
TK0610D	62.3878	152.7958	1.5	.20	.50	.10	300	N	N	N	150	100	2.0	N
TK0611D	62.3711	152.7689	3.0	1.00	.70	.15	1,000	<.5	N	N	200	500	2.0	N
TK0612S	62.2231	152.4067	10.0	1.50	1.50	.50	1,500	N	N	N	100	1,000	1.5	N

STREAM SEDIMENT AND GLACIAL DEBRIS--continued

sample	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR	S-V	S-W	S-Y
TK0569D	N	<5	50	10	100	N	<20	20	100	N	10	N	<100	50	N	100
TK0570D	N	<5	30	<5	100	N	<20	15	70	N	10	<10	<100	20	N	50
TK0571S	N	50	200	100	50	10	<20	100	50	N	20	N	200	200	N	30
TK0572S	N	30	100	50	50	N	<20	70	70	N	15	N	200	150	N	70
TK0573S	N	30	150	70	50	N	<20	70	50	N	20	N	500	200	N	50
TK0574S	N	30	150	70	50	N	<20	70	30	N	20	N	300	150	N	20
TK0575S	N	50	200	100	50	N	<20	100	70	N	20	N	200	200	N	30
TK0576S	N	30	150	70	70	N	<20	70	50	N	20	N	200	200	N	30
TK0577S	N	50	1,000	300	50	N	<20	500	100	N	20	N	500	150	N	20
TK0578S	N	30	500	100	50	N	<20	150	50	N	20	N	300	150	N	50
TK0579S	N	20	150	50	100	N	<20	100	20	N	15	N	500	150	N	30
TK0580S	N	30	150	70	50	N	<20	100	50	N	20	N	200	200	N	30
TK0581S	N	30	150	70	50	N	<20	70	50	N	20	N	200	150	N	20
TK0582S	N	20	150	70	70	N	<20	70	30	N	15	N	200	150	N	30
TK0583S	N	20	150	70	50	N	<20	70	30	N	20	N	200	150	N	30
TK0584S	N	15	100	50	50	N	<20	70	50	N	20	30	300	150	N	30
TK0585S	N	20	150	70	70	N	<20	70	50	N	20	N	200	150	N	30
TK0586S	N	20	150	70	50	N	<20	70	50	N	20	N	300	150	N	30
TK0587S	N	20	200	20	50	N	<20	70	20	N	15	N	300	150	N	30
TK0588S	N	20	100	100	70	N	<20	70	30	N	20	N	200	150	N	30
TK0589S	N	20	150	70	70	N	<20	70	50	N	20	N	300	150	N	30
TK0590S	N	50	700	100	50	N	<20	300	50	N	20	N	300	150	N	30
TK0591S	N	30	700	50	50	N	<20	150	20	N	20	N	300	150	N	30
TK0592S	N	30	1,000	50	50	N	<20	150	20	N	20	N	500	150	N	30
TK0593S	N	30	150	50	50	N	<20	50	30	N	20	N	500	150	N	30
TK0594S	N	30	100	50	50	N	<20	50	30	N	20	N	700	150	N	30
TK0595S	N	30	150	50	50	N	<20	70	30	N	20	N	200	150	N	30
TK0596S	N	30	150	70	70	N	<20	70	200	N	20	N	200	150	N	50
TK0597S	N	30	150	70	70	N	<20	70	50	N	20	N	200	150	N	30
TK0598S	N	30	150	70	100	N	<20	70	50	N	20	N	200	150	N	50
TK0599D	N	50	1,000	70	50	N	<20	300	50	N	20	N	500	200	N	30
TK0600D	N	70	150	200	70	10	<20	150	100	N	20	N	<100	200	N	50
TK0601D	N	30	150	100	50	N	<20	70	30	N	20	N	<100	200	N	30
TK0602S	N	<5	<10	<5	150	N	<20	<5	50	N	<5	N	<100	20	N	150
TK0603S	N	30	150	70	50	N	<20	70	50	N	20	N	300	200	N	30
TK0604S	N	30	150	70	50	N	<20	70	30	N	20	N	200	200	N	30
TK0605D	N	20	150	70	50	N	<20	70	30	N	20	N	300	200	N	30
TK0606D	N	<5	<10	<5	100	N	<20	<5	70	N	<5	N	<100	10	N	20
TK0607S	N	<5	20	20	50	N	<20	30	70	N	10	100	<100	70	N	30
TK0608S	N	50	700	70	50	N	<20	300	50	N	20	N	500	150	N	30
TK0609D	N	30	150	70	50	N	<20	70	50	N	15	N	500	200	N	30
TK0610D	N	<5	<10	<5	100	N	<20	<5	50	N	5	<10	<100	10	N	100
TK0611D	N	<5	<10	<5	100	N	<20	<5	70	N	5	<10	<100	10	N	100
TK0612S	N	10	50	20	100	N	<20	20	30	N	7	<10	100	100	N	50
	N	30	200	70	100	N	<20	70	50	N	20	N	500	200	N	30

STREAM SEDIMENT AND GLACIAL DEBRIS--continued

sample	S-ZN	S-ZR	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P
TK0569D	N	100	N	20	15	80
TK0570D	N	100	N	<5	15	80
TK0571S	500	150	N	85	30	200
TK0572S	<200	200	N	30	10	70
TK0573S	<200	150	N	25	20	110
TK0573S	<200	70	N	55	30	130
TK0574S	<200	150	N	85	40	180
TK0575S	300	200	N	50	25	130
TK0576S	<200	300	N	430	45	100
TK0577S	500	200	N	90	30	150
TK0578S	<200	150	N	35	10	75
TK0579S	200	200	N	65	30	160
TK0580S	200	150	N	60	25	160
TK0581S	200	200	N	55	25	140
TK0582S	200	200	N	45	20	100
TK0583S	200	150	<.05	35	35	100
TK0584S	200	100	.05	75	40	170
TK0585S	300	100	<.05	60	35	130
TK0586S	<200	200	<.05	25	20	90
TK0587S	200	150	N	65	30	140
TK0588S	200	150	N	55	35	140
TK0589S	200	100	.05	60	30	95
TK0590S	200	200	.50	45	25	80
TK0591S	<200	100	5.00	45	25	80
TK0592S	300	100	N	20	15	100
TK0593S	300	200	N	20	15	95
TK0594S	200	150	N	55	30	150
TK0595S	<200	200	N	45	25	120
TK0596S	500	200	.10	70	30	150
TK0597S	<200	200	<.05	60	30	140
TK0598S	<200	150	N	75	30	120
TK0599D	200	100	N	490	95	300
TK0600D	200	100	N	120	30	165
TK0601D	N	300	N	5	10	40
TK0602S	200	150	N	70	30	160
TK0603S	200	150	N	75	35	160
TK0604S	200	150	N	45	25	120
TK0605D	N	70	N	5	5	45
TK0606D	<200	100	N	30	20	80
TK0607S	<200	150	N	65	25	95
TK0608S	<200	150	N	55	35	130
TK0609D	N	150	N	<5	15	75
TK0610D	N	150	N	5	10	65
TK0611D	N	150	N	45	10	60
TK0612S	200	200	N	45	25	100

STREAM SEDIMENT AND GLACIAL DEBRIS--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	S-BI
TK0613S	62.2089	152.3806	7.0	1.50	1.50	.50	1,000	N	N	N	50	1,000	1.5	N
TK0614S	62.1936	152.3522	10.0	2.00	2.00	.30	1,500	N	N	N	30	1,000	2.0	N
TK0615S	62.1544	152.3242	10.0	2.00	2.00	.30	1,500	N	N	N	30	1,000	2.0	N
TK0616S	62.1583	152.3644	10.0	2.00	1.50	.30	1,500	N	N	N	30	1,000	1.5	N
TK0617S	62.1800	152.3833	7.0	2.00	1.50	.30	1,500	N	N	N	30	1,000	1.5	N
TK0618S	62.1742	152.3917	5.0	1.50	1.50	.20	1,000	N	N	N	50	1,000	1.5	N
TK0619S	62.1731	152.4269	7.0	1.50	1.50	.30	1,500	N	N	N	30	1,000	2.0	N
TK0620S	62.2347	152.2839	5.0	1.50	.30	.30	1,500	N	N	N	100	1,000	2.0	N
TK0621S	62.2847	152.2789	7.0	1.50	1.50	.50	1,500	N	N	N	70	1,000	2.0	N
TK0622S	62.2728	152.3228	5.0	1.50	.50	.30	1,500	N	N	N	70	1,000	1.5	N
TK0623S	62.2767	152.3681	5.0	1.50	.30	.30	1,000	N	N	N	70	1,000	1.0	N
TK0624S	62.2842	152.3608	5.0	1.50	.50	.30	1,000	N	N	N	100	1,000	1.0	N
TK0625S	62.2994	152.4128	7.0	1.50	.20	.30	1,500	N	N	N	100	1,000	1.0	N
TK0626S	62.3069	152.4081	7.0	1.50	.50	.50	1,500	N	N	N	100	1,000	1.5	N
TK0627S	62.2494	152.2378	10.0	1.50	1.50	.30	1,000	1.5	N	N	100	1,000	1.5	N
TK0628S	62.2086	152.2161	7.0	1.50	1.00	.50	1,000	N	N	N	100	1,000	1.5	N
TK0629S	62.1836	152.1728	7.0	1.00	.70	.20	700	N	N	N	100	1,000	1.0	N
TK0630S	62.1919	152.1961	10.0	1.50	1.50	.30	1,000	N	N	N	100	1,000	1.0	N
TK0631S	62.1419	152.2569	10.0	1.50	.50	.30	1,000	N	N	N	100	1,000	1.0	N
TK0632S	62.1431	152.2958	10.0	1.50	2.00	.30	1,500	N	N	N	50	1,000	1.0	N
TK0633S	62.2228	152.2433	10.0	1.50	1.50	.50	1,000	N	N	N	70	1,000	1.0	N
TK0634S	62.1756	152.1458	10.0	1.00	.50	.30	700	N	N	N	100	1,000	1.5	N
TK0635S	62.1169	152.2928	7.0	1.50	2.00	.20	700	N	N	N	50	700	1.0	N
TK0636S	62.1250	152.1944	10.0	1.00	.50	.30	700	N	N	N	100	1,000	1.5	N
TK0637S	62.1381	152.1281	7.0	1.50	1.50	.30	1,000	N	N	N	100	1,000	1.5	N
TK0638S	62.1169	152.1325	7.0	1.00	.70	.30	700	N	N	N	100	1,000	1.5	N
TK0639S	62.1392	152.0356	5.0	1.50	.70	.30	700	N	N	N	70	1,000	1.5	N
TK0640S	62.0811	152.0150	7.0	1.50	.50	.30	1,000	N	N	N	100	1,000	1.0	N
TK0641S	62.0606	152.0403	7.0	1.50	.70	.50	1,500	N	N	N	100	1,000	1.0	N
TK0642S	62.0519	152.0558	7.0	1.50	.70	.30	1,500	N	N	N	50	700	1.0	N
TK0643S	62.0486	152.0969	10.0	1.50	1.50	.50	1,000	N	N	N	50	1,000	1.0	N
TK0644S	62.0497	152.1175	5.0	1.50	1.00	.30	1,000	N	N	N	70	1,000	1.0	N
TK0645S	62.0628	152.1156	7.0	1.50	1.00	.50	700	N	N	N	100	1,000	1.0	N
TK0646S	62.0764	152.1606	7.0	1.50	1.50	.30	1,000	N	N	N	70	1,000	1.0	N
TK0647S	62.1194	152.7875	7.0	1.50	1.50	.50	1,000	N	N	N	100	1,000	2.0	N
TK0648S	62.1464	152.8592	10.0	3.00	1.50	.70	1,500	N	N	N	100	1,000	2.0	N
TK0649S	62.1492	152.8739	10.0	3.00	2.00	.50	1,500	N	N	N	100	1,000	2.0	N
TK0650S	62.1458	152.9578	7.0	2.00	1.50	.50	1,000	N	N	N	100	1,000	1.0	N
TK0651S	62.1047	152.9678	7.0	2.00	1.50	.50	3,000	N	N	N	100	1,000	1.0	N
TK0652S	62.0950	152.9747	10.0	2.00	.70	.50	1,500	N	N	N	100	1,000	2.0	N
TK0653S	62.0856	152.9353	10.0	1.50	1.50	.30	1,500	N	N	N	200	1,000	2.0	N
TK0654S	62.0519	152.9433	5.0	2.00	3.00	.30	1,000	N	<200	N	100	1,000	2.0	N
TK0655S	62.0489	152.9567	7.0	3.00	3.00	.30	1,000	N	300	N	500	1,000	3.0	N
TK0656S	62.0350	152.9911	10.0	2.00	1.50	.30	1,500	N	<200	N	200	1,000	3.0	N
TK0657S	62.0197	152.4078	10.0	2.00	1.50	.50	2,000	N	500	N	20	1,000	1.0	N

STREAM SEDIMENT AND GLACIAL DEBRIS--continued

sample	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR	S-V	S-W	S-Y
TK0613S	N	30	100	70	50	N	<20	70	50	N	20	N	500	200	N	30
TK0614S	N	30	150	50	50	N	<20	70	30	N	20	N	700	200	N	30
TK0615S	N	30	150	70	50	N	<20	70	30	N	20	N	700	150	N	30
TK0616S	N	30	100	70	50	N	<20	70	30	N	15	N	500	150	N	30
TK0617S	N	20	200	50	50	N	<20	50	30	N	20	N	500	150	N	30
TK0618S	N	20	100	50	50	N	<20	50	20	N	15	N	300	150	N	30
TK0619S	N	30	150	50	50	N	<20	70	30	N	20	N	500	150	N	30
TK0620S	N	30	200	50	100	N	<20	70	20	N	20	N	200	150	N	30
TK0621S	N	30	200	70	50	N	<20	70	50	N	20	N	500	200	N	30
TK0622S	N	20	150	70	70	N	<20	70	30	N	15	N	200	200	N	30
TK0623S	N	30	150	70	50	N	<20	70	30	N	15	N	200	200	N	30
TK0624S	N	20	150	70	100	N	<20	70	50	N	15	N	200	200	N	20
TK0625S	N	50	200	70	150	N	<20	100	100	N	15	N	200	200	N	30
TK0626S	N	30	150	70	50	N	<20	100	50	N	15	N	200	200	N	30
TK0627S	N	30	150	70	50	N	<20	70	50	N	20	N	500	150	N	20
TK0628S	N	30	150	70	50	N	<20	70	50	N	20	N	300	200	N	20
TK0629S	N	20	100	70	50	N	<20	70	30	N	15	N	300	150	N	20
TK0630S	N	30	150	70	150	N	<20	70	50	N	20	N	500	150	N	30
TK0631S	N	30	150	70	100	N	<20	70	50	N	15	N	200	150	N	20
TK0632S	N	30	150	70	50	N	<20	70	30	N	20	N	700	150	N	30
TK0633S	N	30	150	70	50	N	<20	70	50	N	20	N	300	150	N	30
TK0634S	N	30	150	70	150	N	<20	70	30	N	20	N	200	150	N	30
TK0635S	N	30	150	50	50	N	<20	70	30	N	20	N	500	150	N	20
TK0636S	N	30	150	70	100	N	<20	70	50	N	15	N	200	150	N	30
TK0637S	N	20	150	50	50	N	<20	70	20	N	20	N	300	150	N	30
TK0638S	N	20	100	50	50	N	<20	70	20	N	15	N	200	150	N	20
TK0639S	N	20	70	50	50	N	<20	70	30	N	15	N	200	150	N	20
TK0640S	N	20	100	70	50	N	<20	70	30	N	15	N	200	150	N	20
TK0641S	N	30	150	70	50	N	<20	70	50	N	20	N	300	150	N	30
TK0642S	N	30	150	70	30	N	<20	70	20	N	15	N	300	150	N	30
TK0643S	N	30	70	70	50	N	<20	70	30	N	20	N	300	150	N	30
TK0644S	N	30	70	70	50	N	<20	70	30	N	20	N	300	150	N	30
TK0645S	N	30	150	70	50	N	<20	70	30	N	20	N	300	150	N	30
TK0646S	N	30	70	50	50	N	<20	50	30	N	20	N	500	150	N	30
TK0647S	N	30	100	50	50	N	<20	70	50	N	20	N	700	150	N	30
TK0648S	N	30	200	50	50	N	<20	100	50	N	20	N	500	150	N	30
TK0649S	N	50	300	50	50	N	<20	100	50	N	20	N	700	150	N	30
TK0650S	N	30	150	50	50	N	<20	70	30	N	20	N	500	150	N	30
TK0651S	N	30	100	50	50	N	<20	50	20	N	20	N	500	150	N	30
TK0652S	N	50	200	70	50	N	<20	100	50	N	20	N	300	150	N	30
TK0653S	N	50	100	70	50	N	<20	70	50	N	15	N	500	150	N	30
TK0654S	N	20	70	50	150	N	<20	30	50	N	15	N	700	150	N	30
TK0655S	N	30	200	100	100	N	<20	70	70	N	20	N	700	150	N	50
TK0656S	N	50	200	100	100	N	<20	70	70	N	20	N	500	150	N	50
TK0657S	N	50	100	70	50	N	<20	50	50	N	20	N	500	150	N	30

STREAM SEDIMENT AND GLACIAL DEBRIS--continued

sample	S-ZN	S-ZR	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P
TK0613S	<200	100	N	50	25	110
TK0614S	200	150	N	25	15	60
TK0615S	200	100	N	50	20	85
TK0616S	200	100	N	75	25	95
TK0617S	200	100	N	35	25	80
TK0618S	200	100	N	30	15	70
TK0619S	200	100	N	50	20	100
TK0620S	200	150	N	45	25	120
TK0621S	200	150	N	40	25	120
TK0622S	200	150	N	65	20	120
TK0623S	<200	150	N	60	30	150
TK0624S	<200	150	N	50	30	160
TK0625S	<200	150	N	75	35	180
TK0626S	<200	200	N	75	35	170
TK0627S	200	100	N	55	30	130
TK0628S	200	100	N	55	25	120
TK0629S	200	100	N	95	30	210
TK0630S	200	100	N	60	25	130
TK0631S	<200	150	N	65	25	140
TK0632S	<200	100	N	45	15	85
TK0633S	<200	100	N	50	25	110
TK0634S	200	70	N	65	25	140
TK0635S	<200	50	.20	40	20	80
TK0636S	200	70	.10	60	25	130
TK0637S	200	70	N	35	20	95
TK0638S	<200	70	N	40	20	100
TK0639S	<200	100	N	30	20	90
TK0640S	200	50	N	65	25	140
TK0641S	<200	100	N	70	40	130
TK0642S	<200	50	N	80	25	170
TK0643S	<200	70	N	45	25	90
TK0644S	<200	70	N	65	30	130
TK0645S	<200	100	N	45	25	100
TK0646S	<200	70	N	.30	25	80
TK0647S	N	100	N	40	20	120
TK0648S	N	300	N	40	25	150
TK0649S	N	200	N	25	15	90
TK0650S	N	300	N	30	20	100
TK0651S	N	100	N	40	20	100
TK0652S	<200	100	N	65	35	180
TK0653S	<200	100	N	60	25	110
TK0654S	N	100	N	35	20	50
TK0655S	N	70	N	100	25	65
TK0656S	N	30	N	100	35	140
TK0657S	N	100	N	40	20	85

STREAM SEDIMENT AND GLACIAL DEBRIS--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	S-BI
TK0658S	62.0022	152.3358	10.0	1.50	1.00	.30	1,000	N	N	..	70	1,000	3.0	N
TK0659S	62.0108	152.2644	10.0	2.00	2.00	.30	1,000	N	N	N	20	1,000	1.5	N
TK0660S	62.0008	152.1819	10.0	2.00	1.50	.50	1,500	N	N	N	70	1,000	1.5	N
TK0661S	62.0008	152.0889	10.0	2.00	1.50	.50	2,000	N	N	N	70	1,000	1.5	N
TK0662S	62.0811	152.0150	10.0	1.50	.50	.30	1,500	N	N	N	100	1,000	1.5	N
TK0663S	62.1506	152.0053	10.0	1.50	.70	.30	1,500	N	N	N	100	1,000	1.5	N
TK0664S	62.1833	151.9622	10.0	1.50	1.00	.50	1,500	N	N	N	70	1,000	2.0	N
TK0665S	62.1931	151.9403	10.0	1.50	1.00	.50	1,500	N	N	N	100	1,000	2.0	N
TK0666S	62.2158	152.0125	10.0	1.50	.70	.50	1,000	N	N	N	70	1,000	2.0	N
TK0667S	62.2039	152.0381	10.0	1.50	.70	.50	1,500	N	N	N	150	1,000	2.0	N
TK0668S	62.2158	152.0722	10.0	1.50	.70	.50	1,500	N	N	N	100	1,000	2.0	N
TK0669S	62.2119	152.1150	10.0	1.50	.50	.50	1,500	N	N	N	150	1,000	2.0	N
TK0670S	62.2228	152.1433	10.0	1.50	1.00	.70	1,000	N	N	N	70	1,000	2.0	N
TK0671S	62.2400	152.1303	10.0	1.50	1.00	.50	1,500	N	N	N	100	1,000	2.0	N
TK0672S	62.2400	152.1692	10.0	1.50	1.00	.50	1,000	N	N	N	70	1,000	1.5	N
TK0673S	62.2536	152.1892	10.0	1.50	1.00	.30	1,000	N	N	N	70	1,000	2.0	N
TK0674S	62.2633	152.2003	10.0	2.00	1.50	.50	1,500	N	N	N	70	1,000	1.5	N
TK0675S	62.2733	152.2067	10.0	2.00	1.50	.50	1,000	N	N	N	70	1,000	1.5	N
TK0676S	62.0453	152.7903	10.0	2.00	2.00	.70	2,000	N	N	N	70	1,000	1.5	N
TK0677S	62.0500	152.7797	10.0	2.00	1.50	.50	1,500	N	N	N	70	1,000	2.0	N
TK0678S	62.0564	152.7242	15.0	2.00	2.00	1.00	1,500	N	N	N	50	1,000	<1.0	N
TK0679S	62.0242	152.6864	10.0	2.00	1.50	.50	1,000	N	N	N	50	1,000	1.5	N
TK0680S	62.0022	152.7558	10.0	2.00	1.50	.50	2,000	N	N	N	150	1,000	2.0	N
TK0681S	62.0114	152.8131	10.0	2.00	1.50	.30	2,000	N	N	N	50	1,000	2.0	N
TK0682S	62.0083	152.8578	10.0	2.00	2.00	.50	1,500	10.0	200	N	70	1,000	2.0	N
TK0683S	62.0136	152.8519	10.0	2.00	2.00	.30	1,000	<.5	N	N	100	1,000	2.0	N
TK0684S	62.0300	152.8661	10.0	1.50	2.00	.30	1,000	<.5	<200	N	200	1,000	3.0	N
TK0685S	62.0083	152.8989	5.0	1.50	2.00	.30	700	N	<200	N	50	1,000	3.0	N
TK0686S	62.0081	152.5575	10.0	2.00	2.00	.50	1,500	N	N	N	70	1,000	1.5	N
TK0687S	62.2031	152.7875	10.0	3.00	2.00	.50	1,000	N	N	N	100	1,000	5.0	N
TK0688S	62.2417	152.8222	2.0	.70	.70	.10	200	N	N	N	50	1,000	5.0	N
TK0689S	62.2208	152.7675	10.0	2.00	2.00	.30	1,000	N	<200	N	100	1,000	5.0	N
TK0690S	62.2358	152.7256	5.0	2.00	2.00	.20	1,000	N	N	N	150	1,000	5.0	N
TK0691S	62.2250	152.5383	7.0	1.50	.50	.20	1,000	N	N	N	50	1,000	1.5	N
TK0692S	62.1544	152.5419	10.0	1.50	.50	.20	1,000	N	N	N	100	1,000	2.0	N
TK0693S	62.0981	152.5836	5.0	1.00	1.00	.30	1,000	N	N	N	100	1,000	2.0	N
TK0694S	62.1325	152.4792	5.0	1.50	1.00	.30	1,000	N	N	N	100	1,000	2.0	N
TK0695D	62.0681	152.4794	10.0	5.00	3.00	.70	1,500	N	N	N	10	700	1.5	N
TK0696S	62.0556	152.4536	7.0	1.50	2.00	.30	1,000	<.5	N	N	50	700	2.0	N
TK0697S	62.0569	152.4628	10.0	2.00	2.00	.50	1,500	N	N	N	30	700	2.0	N
TK0699S	62.3342	152.3697	10.0	2.00	.50	.50	1,500	1.0	N	N	150	1,000	2.0	N
TK0700S	62.3503	152.3494	10.0	2.00	1.00	.70	3,000	N	N	N	150	1,000	2.0	N
TK0701S	62.3239	152.3161	10.0	2.00	.20	.50	1,500	N	N	N	150	1,000	2.0	N
TK0702S	62.3456	152.2850	7.0	1.50	1.00	.50	2,000	N	N	N	150	1,000	2.0	N
TK0703S	62.3297	152.2467	10.0	2.00	.20	.50	1,500	N	N	N	150	1,000	2.0	N

STREAM SEDIMENT AND GLACIAL DEBRIS--continued

sample	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR	S-V	S-W	S-Y
TK0658S	N	50	150	70	50	N	<20	70	70	N	20	N	500	150	N	30
TK0659S	N	50	100	70	50	10	<20	70	50	N	20	N	1,000	150	N	30
TK0660S	N	30	150	70	50	N	<20	70	50	N	20	N	700	150	N	30
TK0661S	N	30	150	70	50	N	<20	70	30	N	20	N	700	200	N	30
TK0662S	N	30	150	70	50	N	<20	70	30	N	20	N	200	150	N	30
TK0663S	N	30	200	100	150	N	<20	70	30	N	20	N	300	150	N	30
TK0664S	N	30	70	70	50	N	<20	70	30	N	20	N	500	150	N	30
TK0665S	N	30	150	50	50	N	<20	70	50	N	20	N	300	150	N	30
TK0666S	N	30	100	70	100	N	<20	70	30	N	20	N	200	150	N	30
TK0667S	N	50	150	70	200	N	<20	100	50	N	20	N	300	150	N	30
TK0668S	N	30	150	70	150	N	<20	100	30	N	20	N	500	150	N	30
TK0669S	N	30	150	100	200	N	<20	100	30	N	20	N	500	200	N	30
TK0670S	N	30	100	70	50	10	<20	70	30	N	20	N	300	150	N	30
TK0671S	N	30	150	70	50	N	<20	70	30	N	20	N	300	200	N	30
TK0672S	N	30	150	70	50	N	<20	70	20	N	20	N	300	150	N	30
TK0673S	N	20	100	70	150	N	<20	70	20	N	20	N	300	150	N	30
TK0674S	N	30	150	70	50	N	<20	70	30	N	20	N	500	150	N	30
TK0675S	N	30	150	70	50	N	<20	70	50	N	20	N	500	150	N	30
TK0676S	N	30	150	70	50	N	<20	70	50	N	20	N	700	150	N	30
TK0677S	N	30	150	70	50	N	<20	50	30	N	20	N	700	150	N	30
TK0678S	N	50	150	70	50	N	<20	50	30	N	20	N	700	300	N	30
TK0679S	N	30	100	70	50	N	<20	100	30	N	20	N	500	150	N	30
TK0680S	N	30	200	70	200	N	<20	50	50	N	20	N	500	150	N	30
TK0681S	N	30	150	70	50	N	<20	50	50	N	20	N	500	150	N	30
TK0682S	N	30	70	200	200	N	<20	30	50	N	20	N	500	150	N	30
TK0683S	N	30	70	70	200	N	<20	20	50	N	15	N	700	100	N	30
TK0684S	N	20	70	100	50	N	<20	30	70	N	20	N	700	100	N	30
TK0685S	N	20	50	50	50	N	<20	30	30	N	20	N	700	100	N	30
TK0686S	N	20	70	50	50	N	<20	30	50	N	<5	N	700	150	N	30
TK0687S	N	30	300	70	150	N	<20	200	50	N	20	N	700	150	N	30
TK0688S	N	<5	30	<5	30	N	<20	20	70	N	20	N	700	20	N	10
TK0689S	N	30	300	70	100	N	<20	200	70	N	20	N	700	150	N	50
TK0690S	N	20	200	50	100	N	<20	50	70	N	15	N	700	100	N	20
TK0691S	N	20	200	50	50	N	<20	50	15	N	15	N	200	150	N	20
TK0692S	N	20	100	50	50	N	<20	50	20	N	15	N	200	150	N	20
TK0693S	N	30	100	50	50	N	<20	70	10	N	15	N	500	150	N	30
TK0694S	N	20	100	50	100	N	<20	70	20	N	15	N	500	150	N	20
TK0695D	N	20	200	100	50	<5	<20	50	20	N	30	N	1,000	200	N	30
TK0696S	N	30	70	70	50	7	<20	70	30	N	15	N	700	150	N	20
TK0697S	N	30	70	70	50	N	<20	70	30	N	20	N	700	150	N	30
TK0699S	N	50	150	100	50	<5	<20	100	50	N	20	N	300	200	N	30
TK0700S	N	50	200	100	50	<5	<20	150	70	N	20	N	200	200	N	30
TK0701S	N	30	150	70	50	N	<20	100	50	N	20	N	200	200	N	30
TK0702S	N	30	150	70	70	<5	<20	100	50	N	20	N	300	150	N	30
TK0703S	N	50	150	70	70	N	<20	100	30	N	20	N	200	150	N	30

STREAM SEDIMENT AND GLACIAL DEBRIS--continued

sample	S-ZN	S-ZR	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P
TK0658S	200	100	N	75	35	140
TK0659S	N	150	N	75	15	95
TK0660S	N	70	N	35	15	85
TK0661S	N	150	N	70	20	110
TK0662S	N	100	N	70	25	150
TK0663S	<200	100	N	50	20	130
TK0664S	<200	100	N	40	25	110
TK0665S	<200	100	N	55	25	140
TK0666S	<200	150	.10	45	20	110
TK0667S	<200	150	N	65	25	160
TK0668S	N	200	N	35	15	100
TK0669S	<200	150	N	65	25	150
TK0670S	N	70	N	50	20	120
TK0671S	N	200	N	45	25	120
TK0672S	<200	200	N	35	20	100
TK0673S	N	100	N	40	20	110
TK0674S	200	150	N	55	25	130
TK0675S	N	150	N	45	25	110
TK0676S	N	300	N	40	25	90
TK0677S	<200	100	N	55	20	120
TK0678S	<200	300	N	35	15	80
TK0679S	N	100	N	40	20	100
TK0680S	N	150	N	65	35	150
TK0681S	200	70	N	100	40	150
TK0682S	N	70	.70	60	20	35
TK0683S	N	100	N	55	15	40
TK0684S	N	100	N	110	30	50
TK0685S	N	100	.05	70	15	40
TK0686S	200	200	N	20	20	95
TK0687S	N	500	N	40	20	75
TK0688S	N	50	N	10	10	10
TK0689S	N	500	N	35	25	65
TK0690S	N	100	.75	30	30	55
TK0691S	N	150	N	30	15	70
TK0692S	N	100	N	40	20	110
TK0693S	N	150	<.05	40	10	70
TK0694S	N	100	.05	45	20	75
TK0695S	<200	300	N	85	15	65
TK0696S	200	50	N	55	25	100
TK0697S	200	150	N	55	15	85
TK0699S	300	150	N	90	30	190
TK0700S	300	150	N	80	35	180
TK0701S	200	150	N	70	30	170
TK0702S	<200	100	N	70	35	150
TK0703S	<200	300	N	55	20	130

STREAM SEDIMENT AND GLACIAL DEBRIS--continued

sample	LATITUDE	LONGITUD	S-FEX	S-MGX	S-CAX	S-TIX	S-MN	S-AG	S-AS	S-AU	S-B	S-BA	S-BE	S-BI
TK0704S	62.3017	152.1261	7.0	1.50	.70	.50	1,000	N	N	N	150	1,000	2.0	N
TK0705S	62.2956	152.1175	7.0	1.50	.50	.50	1,000	N	N	N	150	700	2.0	N
TK0706S	62.3569	152.1897	7.0	2.00	.70	.30	1,000	N	N	N	70	700	2.0	N
TK0707S	62.3494	152.1331	7.0	2.00	.70	.50	2,000	N	N	N	100	700	2.0	N
TK0708S	62.2908	152.0611	7.0	1.50	.30	.50	1,000	N	N	N	150	1,000	2.0	N
TK0709S	62.2731	152.0058	7.0	1.50	2.00	.30	1,000	N	N	N	70	700	2.0	N
TK0710S	62.2672	151.8689	7.0	1.50	.50	.30	700	N	N	N	100	1,000	2.0	N
TK0711S	62.2464	151.9675	7.0	2.00	1.00	.30	1,000	N	N	N	100	1,000	2.0	N
TK0712S	62.2422	151.8772	7.0	1.00	.20	.30	700	N	N	N	100	700	2.0	N
TK0713S	62.1956	151.8425	7.0	1.50	1.50	.30	1,000	N	N	N	100	1,000	2.0	N
TK0715S	62.0253	152.1728	10.0	1.00	.20	.50	1,000	N	N	N	150	1,000	2.0	N
TK0716S	62.5333	151.6478	7.0	1.50	.30	.30	1,000	N	N	N	100	1,000	2.0	N
TK0717S	62.5692	151.6614	7.0	1.50	1.00	.50	1,000	N	N	N	100	700	2.0	N
TK0718S	62.5794	151.6714	10.0	1.50	.20	.30	1,500	N	N	N	200	100	2.0	N
TK0719S	62.5842	151.6567	7.0	1.50	.50	.30	1,000	N	N	N	150	1,000	2.0	N
TK0720S	62.5633	151.7453	10.0	1.50	1.00	.30	2,000	N	N	N	100	1,000	2.0	N
TK0721S	62.5589	151.7736	7.0	1.50	1.00	.30	700	N	N	N	100	1,000	2.0	N
TK0722S	62.5511	151.8414	7.0	1.50	1.00	.50	1,000	N	N	N	100	1,000	2.0	N
TK0723S	62.5322	151.8275	7.0	1.50	1.00	.30	1,000	N	N	N	100	1,000	2.0	N
TK0724S	62.5278	151.6922	7.0	1.50	1.00	.30	1,000	N	N	N	100	1,000	2.0	N
TK0725S	62.5336	151.7008	7.0	1.50	.50	.30	1,000	N	N	N	100	1,000	2.0	N
TK0726S	62.5172	151.5900	7.0	1.50	1.00	.30	1,000	N	N	N	100	1,000	2.0	N
TK0727S	62.5217	151.5972	7.0	1.50	.70	.50	1,000	N	N	N	150	1,000	2.0	N
TK0728S	62.8831	150.3786	2.0	.20	1.50	.20	700	N	N	N	30	1,000	3.0	N
TK0729S	62.7958	150.5036	7.0	1.50	.70	.50	1,000	N	N	N	100	1,000	2.0	N
TK0730S	62.6083	150.8136	7.0	1.00	.50	.70	1,500	N	N	N	70	1,000	2.0	N
TK0731S	62.6722	151.0792	1.0	.30	1.00	.07	500	7.0	N	N	200	700	2.0	N
TK0732S	62.5436	151.3892	2.0	.50	1.50	.10	1,500	N	N	N	1,000	700	3.0	N
TK0733D	62.5883	152.1503	7.0	1.50	1.00	.20	700	<.5	N	N	200	1,500	2.0	N
TK0734D	62.6153	152.1297	7.0	1.50	2.00	.70	1,000	N	N	N	100	1,000	1.5	N
TK0735S	62.6225	152.0706	5.0	3.00	15.00	.15	700	N	N	N	50	1,000	2.0	N
TK0736D	62.7425	152.0389	5.0	1.50	1.00	.30	500	2.0	N	N	200	3,000	2.0	N
TK0737D	62.6908	152.0422	10.0	2.00	1.50	.50	700	1.0	N	N	150	1,500	2.0	N
TK0738D	62.7356	151.9783	10.0	1.00	1.00	.30	700	2.0	N	N	150	2,000	2.0	N
TK0739D	62.7250	152.0389	7.0	2.00	2.00	.30	1,000	1.0	N	N	100	1,500	2.0	N
TK0740D	62.6972	152.0917	7.0	1.50	.70	.50	700	1.0	N	N	200	1,500	2.0	N
TK0741S	62.6675	152.0456	3.0	1.50	5.00	.20	500	1.0	N	N	150	2,000	2.0	N
TK0742D	62.6653	152.0972	10.0	3.00	2.00	1.00	1,000	<.5	N	N	200	1,000	2.0	N
TK0743D	62.6481	152.1686	5.0	1.50	5.00	.30	700	<.5	N	N	200	1,000	2.0	N
TK0744D	62.6458	152.1142	3.0	1.50	15.00	.20	700	N	N	N	100	1,000	1.5	N
TK0745S	62.4081	151.7736	10.0	2.00	1.00	.50	1,500	N	N	N	100	1,000	2.0	N
TK0746S	62.4747	151.8061	7.0	2.00	2.00	.30	1,000	1.0	N	N	30	700	3.0	N
TK0746S	62.4747	151.8061	7.0	2.00	1.50	.30	1,000	N	N	N	100	1,000	2.0	N
TK0747S	62.5269	151.9742	3.0	1.00	2.00	.15	700	N	N	N	70	700	3.0	N
TK0748S	62.5617	151.9931	5.0	1.50	1.50	.30	1,000	<.5	1,000	N	100	700	3.0	N

STREAM SEDIMENT AND GLACIAL DEBRIS--continued

sample	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR	S-V	S-W	S-Y
TK0704S	N	30	150	70	200	5	<20	70	30	N	20	N	300	150	N	30
TK0705S	N	30	100	50	100	N	<20	70	20	N	20	N	200	150	N	20
TK0706S	N	30	100	30	50	N	<20	70	20	N	20	N	700	150	N	20
TK0707S	N	50	150	70	50	N	<20	100	30	N	20	N	500	150	N	30
TK0708S	N	30	150	70	150	N	<20	70	30	N	20	N	500	150	N	30
TK0709S	N	20	100	50	50	N	<20	50	30	N	20	N	700	150	N	30
TK0710S	N	30	100	50	70	N	<20	70	20	N	20	N	300	150	N	30
TK0711S	N	30	150	70	70	N	<20	70	30	N	20	N	500	150	N	30
TK0712S	N	30	100	50	50	N	<20	70	20	N	20	N	200	150	N	20
TK0713S	N	30	100	30	50	N	<20	70	20	N	20	N	700	150	N	20
TK0715S	N	30	150	70	50	N	<20	70	50	N	30	N	200	200	N	30
TK0716S	N	30	100	70	150	N	<20	70	50	N	20	N	200	150	N	30
TK0717S	N	30	100	50	100	N	<20	70	30	N	20	N	300	150	N	30
TK0718S	N	50	150	70	70	N	<20	150	50	N	20	N	200	200	N	20
TK0719S	N	30	150	70	50	N	<20	100	30	N	15	N	200	150	N	50
TK0720S	N	30	150	70	50	N	<20	100	50	N	20	N	300	150	N	20
TK0721S	N	20	150	50	50	N	<20	70	30	N	20	N	300	150	N	20
TK0722S	N	30	150	30	500	N	<20	100	20	N	20	N	300	150	N	50
TK0723S	N	30	200	70	70	N	<20	100	50	N	20	N	300	150	N	30
TK0724S	N	30	150	70	200	N	<20	70	20	N	20	N	300	150	N	30
TK0725S	N	30	150	50	100	N	<20	70	20	N	20	N	300	150	N	20
TK0726S	N	30	150	70	50	N	<20	70	30	N	20	N	500	150	N	20
TK0727S	N	30	150	70	50	N	<20	70	30	N	20	N	300	150	N	20
TK0728S	N	<5	10	30	500	N	<20	50	50	N	20	N	200	50	N	100
TK0729S	N	20	150	70	100	N	<20	70	30	N	20	N	300	150	N	50
TK0730S	N	20	150	50	100	N	<20	70	30	N	20	N	200	150	N	30
TK0731S	N	<5	<10	<5	<20	N	<20	5	70	N	N	N	200	20	N	10
TK0732S	N	<5	10	<5	500	N	<20	<5	50	N	N	N	300	20	N	100
TK0733D	N	15	100	70	50	10	<20	50	30	N	15	N	200	150	N	20
TK0734D	N	15	100	70	50	<5	<20	30	30	N	20	N	300	150	N	30
TK0735S	N	20	300	10	50	N	<20	100	<10	N	15	N	500	150	N	20
TK0736D	N	10	100	70	50	30	<20	50	30	N	20	N	200	200	N	30
TK0737D	N	20	150	100	50	15	<20	50	100	N	20	N	300	150	N	30
TK0738D	N	20	70	100	50	20	<20	50	30	N	15	N	200	200	N	30
TK0739D	N	20	100	70	50	20	<20	50	30	N	20	N	500	200	N	20
TK0740D	N	20	100	70	50	10	<20	50	30	N	20	N	200	200	N	30
TK0741S	N	15	70	20	50	N	<20	70	<10	N	15	N	300	150	N	20
TK0742D	N	30	70	70	50	<5	<20	30	30	N	20	N	300	150	N	30
TK0743D	N	20	150	50	50	<5	<20	30	20	N	15	N	500	150	N	20
TK0744D	N	20	70	20	50	N	<20	20	15	N	15	N	1,000	150	N	20
TK0745S	N	20	100	70	50	N	<20	70	50	N	20	N	300	150	N	20
TK0746S	N	20	70	20	50	N	<20	30	30	N	15	N	500	100	N	20
TK0746S	N	20	100	50	70	N	<20	70	50	N	20	N	300	150	N	30
TK0747S	N	10	70	5	70	N	<20	20	20	N	10	N	500	70	N	15
TK0748S	N	20	70	70	100	N	<20	70	30	N	15	N	500	150	N	30

STREAM SEDIMENT AND GLACIAL DEBRIS--continued

sample	S-ZN	S-ZR	AA-AU-P	AA-CD-P	AA-PB-P	AA-ZN-P
TK0704S	<200	200	N	45	20	120
TK0705S	200	200	N	45	20	110
TK0706S	<200	100	N	20	15	85
TK0707S	200	100	N	45	25	170
TK0708S	<200	150	N	45	25	130
TK0709S	<200	100	N	30	20	95
TK0710S	<200	200	N	35	20	100
TK0711S	200	150	N	50	25	120
TK0712S	<200	100	N	40	20	110
TK0713S	<200	100	N	20	15	90
TK0715S	200	150	N	65	20	120
TK0716S	<200	200	N	45	20	120
TK0717S	<200	200	N	45	20	100
TK0718S	<200	150	.10	60	25	150
TK0719S	<200	150	N	50	25	130
TK0720S	200	150	N	40	25	150
TK0721S	200	150	N	75	25	120
TK0722S	<200	300	.45	20	15	100
TK0723S	<200	200	N	35	25	120
TK0724S	200	150	.20	40	20	120
TK0725S	<200	150	1.40	40	20	110
TK0726S	700	100	N	50	25	150
TK0727S	300	150	N	50	25	140
TK0728S	N	>1,000	N	25	5	50
TK0729S	<200	500	.10	45	20	95
TK0730S	<200	200	2.20	25	15	80
TK0731S	N	20	N	<5	5	20
TK0732S	N	200	--	5	5	15
TK0733D	200	100	N	45	20	130
TK0734D	200	100	N	30	15	95
TK0735S	N	100	N	25	20	35
TK0736D	500	100	N	60	20	240
TK0737D	300	100	N	60	50	170
TK0738D	1,000	70	N	80	20	300
TK0739D	300	100	N	80	20	130
TK0740D	200	100	N	55	25	180
TK0741S	200	70	N	35	15	100
TK0742D	300	150	N	45	25	150
TK0743D	<200	150	N	40	25	120
TK0744D	<200	100	N	25	25	60
TK0745S	700	100	N	50	25	150
TK0746S	<200	150	<.05	20	15	55
TK0746S	700	100	N	45	25	190
TK0747S	<200	100	<.05	10	<5	15
TK0748S	<200	150	N	50	15	95

STREAM SEDIMENT AND GLACIAL DEBRIS--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	S-BI
TK0749S	62.5444	152.0336	5.0	1.50	.70	.50	1,000	N	N	N	100	700	3.0	N
TK0750S	62.5797	152.0256	7.0	2.00	.70	.70	2,000	N	N	N	150	1,000	3.0	N
TK0751S	62.5786	152.0575	5.0	1.50	1.50	.30	1,500	N	300	N	100	700	3.0	N
TK0752S	62.5800	152.1019	3.0	1.50	1.00	.20	1,000	N	N	N	70	700	3.0	N
TK0753S	62.6186	152.0694	2.0	1.00	10.00	.10	700	N	N	N	100	2,000	1.0	N
TK0754S	62.6219	152.0706	3.0	2.00	10.00	.15	700	N	N	N	100	1,000	2.0	N
TK0756S	62.6433	151.9067	7.0	1.50	10.00	.30	700	<.5	N	N	100	1,000	2.0	N
TK0757S	62.6508	151.8619	7.0	2.00	5.00	.30	700	2.0	N	N	100	1,000	3.0	N
TK0758D	62.6992	151.9133	10.0	1.50	2.00	.50	700	2.0	N	N	200	1,500	2.0	N
TK0759D	62.6917	151.9308	7.0	1.50	.50	.50	700	1.0	N	N	200	1,500	2.0	N
TK0760S	62.6761	151.8267	7.0	1.50	1.50	.30	700	3.0	N	N	150	700	3.0	N
TK0762S	62.6831	151.8069	10.0	7.00	1.00	.20	700	N	N	N	100	700	2.0	N
TK0763S	62.7056	151.7525	10.0	5.00	2.00	.70	1,500	N	N	N	20	500	1.5	N
TK0764D	62.7675	151.7058	5.0	1.00	1.50	.20	700	N	N	N	20	700	1.5	N
TK0765D	62.7567	151.6922	2.0	1.00	1.50	.15	500	N	N	N	30	700	1.0	N
TK0766D	62.7956	151.7097	5.0	1.50	1.50	.20	700	1.0	N	N	20	700	5.0	N
TK0767D	62.8117	151.6625	2.0	1.00	1.50	.15	700	N	N	N	30	700	2.0	N
TK0768D	62.7894	151.6525	3.0	1.00	2.00	.20	700	N	N	N	20	700	2.0	N
TK0769D	62.7625	151.6325	5.0	1.50	1.50	.30	700	N	N	N	20	700	2.0	N
TK0770S	62.7494	151.6375	7.0	1.50	5.00	.30	700	1.0	N	N	150	700	3.0	N
TK0771S	62.7078	151.6150	10.0	1.50	1.00	.50	2,000	N	N	N	150	1,000	3.0	N
TK0772S	62.7533	151.5706	3.0	1.50	2.00	.20	1,000	N	N	N	20	500	2.0	N
TK0773D	62.7736	151.5419	2.0	1.00	1.50	.15	700	N	N	N	20	500	1.5	N
TK0774S	62.7831	151.5072	2.0	1.50	2.00	.20	1,000	N	N	N	20	500	2.0	N
TK0776S	62.8022	151.4811	10.0	3.00	2.00	.70	1,500	N	N	N	100	500	1.0	N
TK0777D	62.8222	151.4661	10.0	2.00	2.00	.50	1,000	N	N	N	50	500	1.5	N
TK0778S	62.8644	151.4772	2.0	.70	1.50	.15	500	N	N	N	20	500	2.0	N
TK0779D	62.8647	151.4386	10.0	2.00	.70	.50	1,500	N	N	N	200	1,500	1.5	N
TK0780D	62.5392	151.4450	10.0	2.00	.70	.50	1,500	N	N	N	200	1,000	2.0	N
TK0781S	62.8336	151.3753	10.0	3.00	1.50	.30	1,500	N	N	N	100	1,000	2.0	N
TK0782S	62.8517	151.3392	10.0	3.00	.50	.30	1,000	N	N	N	100	1,000	2.0	N
TK0783S	62.7972	151.4042	5.0	1.00	1.00	.70	1,000	N	N	N	150	1,000	5.0	100
TK0784D	62.8069	151.3992	10.0	2.00	1.00	.50	2,000	N	N	N	200	1,500	2.0	N
TK0785S	62.7633	151.4439	3.0	1.00	2.00	.20	1,000	N	N	N	150	1,500	10.0	N
TK0786S	62.7292	151.5097	5.0	1.50	.70	.20	2,000	N	N	N	200	700	10.0	N
TK0787S	62.7125	151.5272	5.0	1.50	.50	.70	5,000	N	N	N	200	700	3.0	N
TK0788S	62.6911	151.5444	7.0	1.50	1.00	1.00	5,000	N	N	N	200	700	2.0	N
TK0789S	62.6672	151.5742	3.0	1.00	1.00	1.00	1,500	N	N	N	100	700	2.0	N
TK0790S	62.6672	151.5294	5.0	1.50	.70	.50	1,000	N	N	N	100	700	2.0	N
TK0791S	62.6533	151.6372	5.0	1.50	.50	.70	1,000	N	N	N	70	700	2.0	N
TK0792S	62.6572	151.7422	7.0	2.00	1.00	.50	5,000	N	N	N	150	1,000	3.0	N
TK0793S	62.6275	151.7247	10.0	2.00	.70	.50	5,000	N	N	N	100	700	2.0	N
TK0794S	62.6350	151.7136	7.0	1.50	.50	1.00	1,000	N	N	N	100	700	2.0	N
TK0795S	62.6208	151.7444	7.0	2.00	.50	.50	3,000	N	N	N	100	1,000	2.0	N
TK0796S	62.6306	151.7978	7.0	2.00	.50	.30	3,000	N	N	N	100	1,000	2.0	N

STREAM SEDIMENT AND GLACIAL DEBRIS--continued

sample	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-MG	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR	S-V	S-W	S-Y
TK0749S	N	20	300	50	50	N	<20	70	20	N	15	N	200	150	N	20
TK0750S	N	50	200	100	70	N	<20	150	30	N	20	N	200	200	N	30
TK0751S	N	15	100	50	50	N	<20	50	30	N	15	N	500	150	N	20
TK0752S	N	15	50	7	70	N	<20	10	50	N	20	N	700	100	N	30
TK0753S	N	10	30	15	50	N	<20	20	10	N	10	N	500	100	N	10
TK0754S	N	20	150	15	50	N	<20	70	10	N	15	N	500	150	N	10
TK0756S	N	20	70	70	50	N	<20	70	20	N	15	N	500	200	N	30
TK0757S	N	20	500	70	50	N	<20	70	30	N	15	N	500	150	N	30
TK0758D	N	30	150	100	100	10	<20	100	50	N	20	N	200	150	N	30
TK0759D	N	30	100	100	150	10	<20	70	30	N	15	N	200	150	N	30
TK0760S	N	30	100	100	50	<5	<20	70	50	N	20	N	200	200	N	30
TK0762S	N	50	700	20	70	N	<20	500	20	N	15	N	200	150	N	50
TK0763S	N	30	700	70	50	N	<20	100	30	N	20	N	200	150	N	30
TK0764D	N	20	30	10	50	N	<20	10	20	N	10	N	200	100	N	20
TK0765D	N	10	20	<5	50	N	<20	5	20	N	5	N	300	70	N	20
TK0766D	N	20	50	500	50	20	<20	20	20	N	15	N	200	150	N	20
TK0767D	N	10	<10	5	30	N	<20	5	30	N	7	N	200	70	N	20
TK0768D	N	10	10	5	50	N	<20	5	20	N	10	N	300	70	N	20
TK0769D	N	15	20	70	50	N	<20	10	30	N	10	N	300	100	N	20
TK0770S	N	20	100	50	150	N	<20	70	50	N	15	N	300	200	N	30
TK0771S	N	50	100	100	50	N	<20	100	70	N	20	N	200	200	N	30
TK0772S	N	10	20	7	100	N	<20	20	20	N	15	N	200	70	N	30
TK0773D	N	10	<10	<5	50	N	<20	<5	20	N	7	N	300	50	N	15
TK0774S	N	10	30	7	70	N	<20	20	20	N	15	N	300	70	N	30
TK0776S	N	30	200	150	50	N	<20	100	15	N	20	N	200	150	N	30
TK0777D	N	30	150	50	50	N	<20	100	30	N	20	N	300	200	N	30
TK0778S	N	<5	<10	<5	50	N	<20	5	20	N	7	N	200	50	N	50
TK0779S	N	50	200	100	100	10	<20	100	50	N	20	N	300	300	N	30
TK0780D	N	50	150	100	50	10	<20	100	50	N	20	N	300	200	N	30
TK0781S	N	30	150	100	70	N	<20	100	20	N	20	N	200	200	N	30
TK0782S	N	30	100	100	50	N	<20	100	20	N	20	N	200	200	N	30
TK0783S	N	15	70	15	50	N	<20	50	30	N	15	N	200	150	N	100
TK0784D	N	50	150	150	100	N	<20	100	50	N	20	N	300	200	N	100
TK0785S	N	15	50	15	200	N	<20	5	50	N	10	N	500	50	N	70
TK0786S	N	20	70	50	50	N	<20	70	20	N	10	N	200	100	N	50
TK0787S	N	20	70	20	50	N	<20	70	20	N	15	N	200	100	N	30
TK0788S	N	20	70	30	50	N	<20	50	20	N	20	N	200	100	N	100
TK0789S	N	10	50	30	50	N	<20	50	20	N	15	N	200	70	N	30
TK0790S	N	20	100	50	50	N	<20	70	30	N	15	N	200	100	N	30
TK0791S	N	20	70	30	50	N	<20	70	20	N	15	N	200	100	N	50
TK0792S	N	50	150	70	50	N	<20	100	50	N	20	N	200	200	N	30
TK0793S	N	30	100	70	70	N	<20	100	20	N	15	N	200	150	N	50
TK0794S	N	20	100	50	70	N	<20	100	20	N	15	N	200	100	N	30
TK0795S	N	30	100	50	70	N	<20	100	20	N	15	N	200	150	N	200
TK0796S	N	30	150	70	50	N	<20	100	30	N	15	N	200	150	N	20

STREAM SEDIMENT AND GLACIAL DEBRIS--continued

sample	S-ZN	S-ZR	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P
TK0749S	<200	150	<.05	40	15	85
TK0750S	500	150	N	90	25	240
TK0751S	<200	150	.50	35	10	45
TK0752S	<200	500	.20	10	5	20
TK0753S	<200	30	N	15	20	50
TK0754S	<200	30	N	25	20	40
TK0756S	200	100	N	50	25	130
TK0757S	300	30	<.05	55	30	140
TK0758D	300	100	N	60	20	130
TK0759D	700	100	N	95	30	250
TK0760S	500	100	N	90	30	250
TK0762S	200	150	N	25	20	100
TK0763S	200	100	--	60	10	45
TK0764D	N	200	N	20	<5	40
TK0765D	N	100	N	5	<5	15
TK0766D	N	150	N	600	15	110
TK0767D	N	70	N	5	5	25
TK0768D	N	100	N	5	10	40
TK0769D	N	200	N	80	10	55
TK0770S	500	100	<.05	45	25	190
TK0771S	500	150	N	250	35	250
TK0772S	N	1,000	N	5	5	10
TK0773D	N	150	N	5	<5	15
TK0774S	N	300	N	10	5	15
TK0776S	200	100	N	50	10	50
TK0777D	300	100	N	45	15	70
TK0778S	<200	300	N	<5	<5	15
TK0779D	500	150	.25	80	35	190
TK0780D	500	150	N	75	25	170
TK0781S	200	150	N	60	25	120
TK0782S	200	150	N	80	25	140
TK0783S	N	200	N	20	5	55
TK0784D	700	200	N	110	25	270
TK0785S	N	700	N	15	5	55
TK0786S	N	150	N	40	10	70
TK0787S	N	300	N	25	10	60
TK0788S	N	700	N	20	5	45
TK0789S	N	200	N	20	5	30
TK0790S	N	150	N	40	10	70
TK0791S	N	200	N	25	15	70
TK0792S	300	500	N	65	20	190
TK0793S	200	200	N	45	20	95
TK0794S	300	200	N	25	15	60
TK0795S	<200	500	N	40	15	110
TK0796S	<200	150	N	.50	20	120

STREAM SEDIMENT AND GLACIAL DEBRIS--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	S-BI
TK0797S	62.6006	151.8086	7.0	2.00	1.50	.30	1,000	N	N	N	100	1,000	2.0	N
TK0798S	62.5817	151.8592	7.0	2.00	1.50	.30	1,000	<.5	N	N	100	1,000	2.0	N
TK0799S	62.6186	151.3703	2.0	.50	1.50	.15	700	N	N	N	200	1,000	5.0	N
TK0800S	62.5467	151.3997	3.0	1.00	1.50	.20	1,000	N	N	N	300	1,000	5.0	N
TK0801S	62.6517	151.4233	1.0	.30	1.50	.10	700	N	N	N	200	1,000	3.0	N
TK0802S	62.6911	151.4153	3.0	1.00	.50	.15	700	N	N	N	2,000	700	50.0	N
TK0803S	62.7081	151.3922	2.0	.70	.70	.15	700	N	N	N	2,000	700	10.0	N
TK0804S	62.7250	151.3733	3.0	1.00	.50	.15	1,500	N	N	N	2,000	700	7.0	N
TK0805S	62.7453	151.3497	3.0	1.00	1.50	.15	700	N	N	N	100	1,000	5.0	N
TK0806S	62.6450	150.8981	10.0	2.00	.70	.70	1,500	N	N	N	150	1,000	2.0	N
TK0807S	62.6189	150.9689	7.0	2.00	.70	.50	1,500	N	N	N	150	1,000	2.0	N
TK0808S	62.6278	150.9622	7.0	2.00	.70	.50	700	N	N	N	100	1,000	2.0	N
TK0809S	62.6350	150.9092	15.0	2.00	.50	.50	1,000	N	N	N	200	1,000	2.0	N
TK0810S	62.6600	150.8344	10.0	2.00	.70	.50	1,000	N	N	N	150	1,000	2.0	N
TK0811S	62.6586	150.8828	10.0	2.00	.70	.50	1,000	N	N	N	100	1,000	2.0	N
TK0813S	62.7189	151.0167	2.0	.50	1.00	.20	1,500	N	N	N	500	700	2.0	N
TK0814S	62.7136	150.9944	15.0	2.00	.70	.30	>5,000	N	1,000	N	200	1,000	2.0	N
TK0815D	62.7322	150.9644	10.0	2.00	.50	.30	2,000	N	N	N	100	1,000	5.0	N
TK0816S	62.6967	150.8611	7.0	1.50	.70	.30	1,500	N	N	N	150	1,000	2.0	N
TK0817S	62.6917	150.8919	10.0	2.00	.70	.50	1,000	N	N	N	150	1,000	2.0	N
TK0818S	62.7378	150.8253	10.0	2.00	.50	.30	1,500	N	500	N	150	1,000	2.0	N
TK0819S	62.7708	150.8383	15.0	2.00	1.00	.50	>5,000	N	N	N	150	1,000	2.0	N
TK0820S	62.7553	150.8658	10.0	1.50	.50	.30	5,000	N	N	N	150	700	2.0	N
TK0821S	62.7861	150.8803	2.0	1.50	1.50	.20	1,000	N	N	N	30	1,000	3.0	N
TK0822S	62.7744	150.9264	5.0	1.50	1.00	.50	1,500	N	N	N	100	1,000	2.0	N
TK0823D	62.8131	150.8944	10.0	2.00	1.00	.30	2,000	N	N	N	150	1,000	3.0	N
TK0824D	62.8050	150.9592	15.0	2.00	.50	.30	2,000	1.0	N	N	150	1,500	2.0	N
TK0825S	62.4411	151.7581	7.0	1.50	.50	.50	1,000	N	N	N	100	1,000	2.0	N
TK0826S	62.4600	151.8108	7.0	1.50	1.00	.50	1,000	N	N	N	100	1,000	2.0	N
TK0827S	62.4964	151.8125	10.0	2.00	1.50	.50	1,000	N	N	N	100	1,000	2.0	N
TK0828S	62.5144	151.8053	7.0	1.50	1.00	.50	1,000	N	N	N	100	1,000	2.0	N
TK0829S	62.6161	151.5653	7.0	1.50	1.00	.70	1,000	N	N	N	50	1,000	2.0	N
TK0830S	62.5961	151.5825	5.0	1.50	1.00	.50	1,000	N	N	N	200	1,000	20.0	N
TK0831S	62.5989	151.5494	5.0	1.50	2.00	.20	1,000	N	N	N	200	700	3.0	N
TK0832S	62.5553	151.5653	7.0	1.50	.70	.50	1,000	N	N	N	200	1,000	3.0	N
TK0833S	62.6072	151.4939	2.0	.50	2.00	.15	500	N	N	N	200	1,000	3.0	N
TK0834S	62.6025	151.4753	2.0	.50	1.00	.15	1,000	N	N	N	2,000	700	3.0	N
TK0835S	62.5731	151.4678	10.0	1.50	.70	.20	1,500	N	N	N	500	1,000	2.0	N
TK0836S	62.5747	151.5036	2.0	1.00	1.50	.15	700	N	N	N	500	1,000	5.0	N
TK0837S	62.5400	151.4728	10.0	2.00	1.50	.30	1,500	<.5	N	N	200	1,000	2.0	N
TK0838S	62.5561	151.4186	3.0	.70	1.00	.15	700	N	N	N	1,000	1,000	3.0	N
TK0839S	62.5600	151.3767	1.0	.50	1.50	.10	500	N	N	N	1,000	1,000	5.0	N
TK0840S	62.5775	151.3853	1.0	.20	1.50	.10	500	N	N	N	1,000	1,000	5.0	N
TK0841S	62.5506	151.3175	7.0	1.00	1.50	.50	1,000	N	N	N	200	1,000	3.0	N
TK0842S	62.5978	151.3394	3.0	.70	2.00	.15	500	N	N	N	300	1,000	3.0	N

STREAM SEDIMENT AND GLACIAL DEBRIS--continued

sample	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR	S-V	S-W	S-Y
TK0797S	N	30	150	50	50	N	<20	100	30	N	15	N	300	150	N	20
TK0798S	N	30	150	50	50	N	<20	70	30	N	15	N	300	150	N	20
TK0799S	N	<5	10	<5	50	N	<20	<5	70	N	N	N	200	10	N	20
TK0800S	N	5	50	15	70	N	<20	7	50	N	15	N	300	100	N	30
TK0801S	N	5	10	<5	200	N	<20	7	70	N	<5	N	300	10	N	50
TK0802D	N	10	70	15	50	N	<20	20	70	N	7	10	200	100	N	10
TK0803S	N	5	30	5	50	N	<20	10	70	N	5	10	200	100	N	N
TK0804S	N	20	50	10	50	N	<20	20	30	N	7	N	200	150	N	30
TK0805S	N	5	30	7	200	N	<20	10	30	N	7	N	500	50	N	30
TK0806S	N	30	300	500	50	N	<20	100	20	N	20	N	300	200	N	30
TK0807S	N	30	200	200	50	N	<20	100	20	N	20	N	300	200	N	30
TK0808S	N	20	100	100	50	N	<20	70	20	N	15	N	200	200	N	30
TK0809S	N	30	150	150	50	N	<20	100	50	N	20	N	300	200	N	30
TK0810S	N	30	150	150	50	N	<20	70	30	N	20	N	300	150	N	20
TK0811S	N	30	100	100	700	N	<20	70	30	N	20	N	300	150	N	50
TK0813S	N	<5	<10	<5	100	N	<20	10	50	N	<5	N	200	20	N	100
TK0814S	N	100	150	150	50	N	<20	200	70	N	20	N	200	150	N	30
TK0815D	N	30	150	70	70	N	<20	70	70	N	20	N	200	150	N	30
TK0816S	N	30	100	100	150	N	<20	70	30	N	15	N	300	150	N	30
TK0817S	N	50	150	200	50	N	<20	100	50	N	15	N	200	200	N	30
TK0818S	N	50	100	100	50	N	<20	100	30	N	20	N	200	150	N	30
TK0819S	N	30	150	200	50	N	<20	70	50	N	20	N	200	200	N	70
TK0820S	N	20	100	100	150	N	<20	70	20	N	15	N	200	150	N	50
TK0821S	N	7	30	50	150	N	<20	15	20	N	10	N	700	70	N	20
TK0822S	N	20	70	70	150	N	<20	50	20	N	15	N	300	100	N	20
TK0823D	N	30	200	70	70	N	<20	70	70	N	20	N	300	200	N	30
TK0824D	N	50	150	300	70	N	<20	200	70	N	20	N	200	200	N	50
TK0825S	N	30	200	70	50	N	<20	100	50	N	20	N	200	200	N	20
TK0826S	N	30	150	70	50	N	<20	100	50	N	20	N	300	200	N	30
TK0827S	N	30	150	70	100	N	<20	100	50	N	20	N	500	200	N	50
TK0828S	N	30	150	70	50	N	<20	100	50	N	20	N	300	200	N	30
TK0829S	N	20	100	50	50	N	<20	70	50	N	15	N	200	100	N	200
TK0830S	N	20	100	70	50	N	<20	70	50	N	15	N	200	150	N	30
TK0831S	N	10	30	20	50	N	<20	20	50	N	15	N	500	100	N	30
TK0832S	N	50	150	70	50	N	<20	100	30	N	20	N	200	200	N	30
TK0833S	N	<5	30	70	300	N	<20	<5	70	N	5	N	500	20	N	50
TK0834S	N	<5	<10	5	50	N	<20	<5	50	N	5	N	200	20	N	30
TK0835S	N	30	150	100	100	N	<20	100	30	N	15	N	200	150	N	20
TK0836S	N	<5	10	<5	1,000	N	<20	<5	50	N	<5	N	300	20	N	100
TK0837S	N	50	150	100	500	N	<20	100	30	N	20	N	300	200	N	20
TK0838S	N	10	50	20	50	N	<20	50	70	N	10	N	300	70	N	30
TK0839S	N	<5	<10	<5	50	N	<20	<5	50	N	<5	N	300	20	N	30
TK0840S	N	<5	<10	<5	200	N	<20	<5	50	N	<5	N	300	20	N	30
TK0841S	N	20	70	50	100	N	<20	70	30	N	20	N	300	150	N	20
TK0842S	N	<5	20	70	200	N	<20	<5	70	N	10	N	500	30	N	50

STREAM SEDIMENT AND GLACIAL DEBRIS--continued

sample	S-ZN	S-ZR	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P
TK0797S	<200	100	N	30	20	130
TK0798S	<200	200	N	30	20	100
TK0799S	N	100	N	N	5	20
TK0800S	N	700	N	15	5	45
TK0801S	N	>1,000	N	<5	5	10
TK0802D	200	150	N	15	10	40
TK0803S	N	200	N	5	10	30
TK0804S	N	300	N	15	10	30
TK0805S	N	200	N	10	5	65
TK0806S	200	200	.05	45	20	120
TK0807S	200	200	N	30	20	110
TK0808S	<200	150	N	25	20	95
TK0809S	200	150	N	70	15	160
TK0810S	200	150	.10	40	20	120
TK0811S	200	100	N	30	20	120
TK0813S	N	700	N	10	5	15
TK0814S	500	300	1.50	270	35	240
TK0815D	200	200	N	50	25	100
TK0816S	300	150	.30	220	40	130
TK0817S	300	200	N	60	25	170
TK0818S	200	200	.05	65	25	130
TK0819S	200	200	N	30	15	100
TK0820S	200	200	N	35	20	100
TK0821S	<200	100	N	15	10	30
TK0822S	200	200	N	35	15	80
TK0823D	200	200	N	50	25	190
TK0824D	500	200	N	260	45	300
TK0825S	200	150	N	50	25	130
TK0826S	200	200	N	55	25	140
TK0827S	200	150	--	50	25	180
TK0828S	200	150	<.05	45	25	140
TK0829S	<200	150	N	45	15	110
TK0830S	200	150	N	35	10	80
TK0831S	<200	50	N	15	20	90
TK0832S	200	100	N	60	20	180
TK0833S	N	1,000	N	10	5	30
TK0834S	N	<10	N	5	5	20
TK0835S	<200	70	N	55	15	80
TK0836S	N	<10	N	15	10	30
TK0837S	200	100	N	90	20	150
TK0838S	<200	20	N	30	10	40
TK0839S	N	<10	N	5	<5	15
TK0840S	N	<10	N	10	<5	20
TK0841S	N	50	N	25	10	60
TK0842S	N	70	N	10	10	45

STREAM SEDIMENT AND GLACIAL DEBRIS--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	S-BI
TK0843S	62.6058	151.2369	3.0	.70	.50	.15	1,000	N	N	N	70	500	5.0	N
TK0844S	62.6497	151.1661	.5	.20	1.00	.15	700	N	N	N	300	500	2.0	N
TK0845S	62.6544	151.1389	.5	.20	1.00	.05	500	N	N	N	300	500	2.0	N
TK0846S	62.6428	151.2417	.5	.20	.70	.05	1,000	N	N	N	30	500	2.0	N
TK0847S	62.6508	151.2700	2.0	1.00	1.50	.15	700	N	N	N	30	700	<1.0	N
TK0848S	62.6417	151.2700	1.0	.50	1.50	.10	700	N	N	N	200	700	3.0	N
TK0849S	62.6644	151.3256	1.0	.50	1.50	.15	700	N	N	N	100	700	3.0	N
TK0850S	62.7042	151.3153	1.0	.50	1.00	.10	700	N	N	N	50	700	3.0	N
TK0851D	62.7442	151.2692	7.0	2.00	.70	.30	1,500	N	N	N	100	700	2.0	N
TK0852S	62.7714	151.3408	5.0	1.00	2.00	.20	700	N	N	N	300	1,000	3.0	N
TK0853S	62.8144	151.3133	10.0	1.50	1.50	.50	1,500	N	N	N	300	1,500	2.0	N
TK0854D	62.8100	151.2400	10.0	2.00	.50	.30	1,500	N	N	N	200	1,500	3.0	N
TK0855D	62.7806	151.2578	15.0	2.00	.50	.30	3,000	N	N	N	500	1,000	3.0	N
TK0856D	62.7081	151.1494	5.0	1.50	1.00	.20	1,000	N	N	N	700	1,000	5.0	N
TK0857D	62.7153	151.1306	2.0	.70	1.00	.15	700	N	N	N	200	500	3.0	N
TK0858S	62.6756	151.0656	7.0	1.50	1.00	.20	1,000	N	N	N	50	700	2.0	N
TK0859D	62.7094	151.1108	1.0	.50	1.00	.15	500	N	N	N	100	700	3.0	N
TK0860S	62.6850	151.0964	2.0	.50	1.00	.15	1,000	N	N	N	200	200	5.0	N
TK0861S	62.6569	151.0894	2.0	.50	1.00	.10	1,500	N	N	N	200	300	5.0	N
TK0862S	62.6033	151.0839	7.0	1.50	1.00	.20	1,000	N	N	N	70	1,000	3.0	N
TK0863S	62.6294	151.0639	7.0	1.50	2.00	.20	1,500	N	N	N	50	1,000	3.0	N
TK0864S	62.6469	151.0425	10.0	1.50	1.00	.50	1,000	N	N	N	100	1,000	2.0	N
TK0865S	62.7553	151.0097	3.0	1.50	2.00	.20	700	N	N	N	10	700	2.0	N
TK0866D	62.7781	151.0828	15.0	1.50	1.00	.50	2,000	1.0	N	N	200	1,000	2.0	N
TK0867D	62.7644	151.0567	10.0	1.00	.50	.50	1,500	1.0	N	N	500	1,000	3.0	N
TK0868D	62.7489	151.0458	1.0	.50	1.00	.15	700	N	N	N	200	700	3.0	N
TK0869S	62.7625	151.0319	10.0	1.50	.50	.15	15	N	N	N	200	700	2.0	N
TK0870S	62.7228	150.6931	10.0	1.50	.50	.15	5,000	N	N	N	200	700	2.0	N
TK0871D	62.7628	150.7181	10.0	1.00	.50	.30	1,000	<.5	N	N	200	1,000	1.5	N
TK0872S	62.7636	150.5344	7.0	1.50	1.50	.20	1,500	N	N	N	50	1,000	2.0	N
TK0873S	62.7797	150.5861	5.0	1.00	1.00	.20	1,000	N	N	N	50	1,000	2.0	N
TK0874S	62.8428	150.5767	10.0	2.00	1.00	.30	3,000	N	N	N	100	1,000	2.0	N
TK0875S	62.8583	150.5586	5.0	1.50	1.00	.20	2,000	N	N	N	20	700	2.0	N
TK0876D	62.8925	150.5528	3.0	.70	1.50	.20	1,000	N	N	N	20	700	3.0	N
TK0877D	62.8964	150.5825	2.0	.70	1.00	.15	700	2.0	N	N	20	700	3.0	N
TK0878S	62.8906	150.5925	1.5	.20	1.00	.30	700	N	N	N	20	500	2.0	N
TK0879S	62.8653	150.6519	10.0	1.50	1.50	.20	2,000	N	N	N	20	1,000	5.0	N
TK0880S	62.8575	150.7256	10.0	1.50	.70	.30	2,000	N	N	N	150	1,000	2.0	N
TK0881S	62.8636	150.7653	7.0	1.50	.30	.30	1,500	N	N	N	100	1,000	1.5	N
TK0882D	62.8847	150.7908	10.0	1.50	.20	.30	1,500	1.5	200	N	200	1,500	2.0	N
TK0883S	62.8844	150.7522	7.0	1.50	1.50	.50	1,500	N	N	N	100	700	2.0	N
TK0884S	62.8350	150.6950	7.0	1.50	.50	.50	2,000	N	N	N	100	700	2.0	N
TK0885S	62.8133	150.7044	7.0	1.50	.50	.50	700	N	N	N	100	700	2.0	N
TK0886S	62.8578	150.2825	5.0	.50	1.50	.70	1,000	N	N	N	20	700	1.5	N
TK0887S	62.8844	150.3050	3.0	.30	1.50	.30	700	N	N	N	20	700	2.0	N

STREAM SEDIMENT AND GLACIAL DEBRIS--continued

sample	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR	S-V	S-W	S-Y
TK0843S	N	<5	30	10	50	N	<20	10	50	N	5	N	200	30	N	10
TK0844S	N	<5	N	<5	100	N	<20	<5	50	N	N	N	200	10	N	150
TK0845S	N	<5	N	15	50	N	<20	<5	70	N	N	N	200	10	N	50
TK0846S	N	<5	N	<5	50	N	<20	<5	50	N	N	N	200	10	N	20
TK0847S	N	<5	N	<5	200	N	<20	<5	50	N	7	N	300	15	N	100
TK0848S	N	<5	N	<5	50	N	<20	<5	70	N	N	500	200	10	N	50
TK0849S	N	<5	<10	10	100	N	<20	<5	50	N	N	N	200	10	N	50
TK0850S	N	<5	<10	<5	50	N	<20	10	20	N	N	N	200	10	N	20
TK0851D	N	30	100	70	50	N	<20	100	50	N	15	N	200	10	N	30
TK0852S	N	10	20	10	200	N	<20	50	70	N	15	N	500	50	N	100
TK0853S	N	30	150	70	50	N	<20	70	50	N	20	N	200	200	N	50
TK0854D	N	30	150	200	50	50	<20	100	70	N	20	N	300	200	N	50
TK0855D	N	50	100	300	50	<5	<20	150	70	N	20	N	500	200	N	30
TK0856D	N	10	50	5	50	N	<20	10	70	N	15	20	200	50	N	30
TK0857D	N	10	20	5	100	N	<20	10	50	N	5	<10	200	20	N	20
TK0858S	N	30	150	30	50	N	<20	100	20	N	15	N	200	100	N	20
TK0859D	N	10	10	<5	50	N	<20	7	70	N	5	10	200	10	N	10
TK0860S	N	<5	N	<5	100	N	<20	<5	70	N	<5	N	200	20	N	50
TK0861S	N	<5	N	<5	50	N	<20	<5	70	N	<5	N	200	20	N	30
TK0862S	N	30	100	30	50	N	<20	70	30	N	20	N	300	150	N	20
TK0863S	N	30	100	70	50	N	<20	50	50	N	20	N	700	150	N	30
TK0864S	N	30	150	70	50	N	<20	70	50	N	20	N	500	200	N	30
TK0865S	N	<5	N	7	100	N	<20	<5	30	N	15	N	700	50	N	30
TK0866D	N	50	150	200	100	N	<20	200	70	N	20	N	500	200	N	30
TK0867D	N	30	100	100	50	N	<20	70	30	N	15	N	200	150	N	30
TK0868D	N	<5	<10	<5	50	N	<20	<5	70	N	5	N	200	20	N	20
TK0869S	N	30	150	70	50	N	<20	70	20	N	20	N	200	200	N	50
TK0870S	N	30	150	70	50	N	<20	70	50	N	20	N	200	200	N	20
TK0871D	N	30	150	70	50	N	<20	100	20	N	15	N	200	150	N	50
TK0872S	N	20	100	20	100	N	<20	50	30	N	20	N	300	100	N	50
TK0873S	N	20	70	20	100	N	<20	50	50	N	15	N	200	100	N	50
TK0874S	N	50	150	70	50	N	<20	100	50	N	20	N	300	200	N	30
TK0875S	N	10	100	50	100	N	<20	10	50	N	15	N	200	100	N	50
TK0876D	N	<5	<10	20	200	N	<20	<5	50	N	15	N	200	20	N	70
TK0877D	N	<5	<10	5	150	N	<20	5	70	N	10	20	200	10	N	100
TK0878S	N	<5	N	<5	200	N	<20	<5	70	N	15	30	200	20	N	200
TK0879S	N	20	50	70	70	N	<20	100	50	N	15	N	200	200	N	30
TK0880S	N	20	100	70	70	N	<20	100	50	N	15	N	200	200	N	20
TK0881S	N	20	150	100	50	N	<20	100	30	N	15	N	200	1,500	N	50
TK0882D	N	50	150	150	50	N	<20	100	50	N	20	N	200	150	N	70
TK0883S	N	100	150	100	100	N	<20	70	50	N	20	N	300	1,500	N	30
TK0884S	N	30	150	70	150	N	<20	100	50	N	20	N	200	1,500	N	30
TK0885S	N	<5	150	70	50	N	<20	70	50	N	20	N	200	1,500	N	50
TK0886S	N	<5	70	10	>1,000	N	20	<5	50	N	50	N	200	100	N	150
TK0887S	N	20	20	7	500	N	<20	<5	50	N	20	N	200	50	N	100

STREAM SEDIMENT AND GLACIAL DEBRIS--continued

sample	S-ZN	S-ZR	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P
TK0843S	N	10	N	15	10	40
TK0844S	N	<10	N	<5	<5	10
TK0845S	N	15	N	<5	<5	10
TK0846S	N	<10	N	<5	5	20
TK0847S	N	500	N	<5	5	20
TK0848S	N	150	N	10	5	15
TK0849S	N	700	N	10	5	25
TK0850S	N	200	N	5	<5	15
TK0851D	200	300	N	45	25	120
TK0852S	N	>1,000	N	10	10	60
TK0853S	N	300	N	30	10	90
TK0854D	500	200	N	130	25	270
TK0855D	700	200	1.00	130	35	300
TK0856D	N	100	N	5	15	75
TK0857D	N	150	N	10	5	40
TK0858S	N	300	.55	35	15	75
TK0859D	N	70	N	N	<5	20
TK0860S	N	200	N	<5	<5	30
TK0861S	N	100	N	<5	5	40
TK0862S	<200	100	N	5	20	110
TK0863S	<200	70	N	45	25	170
TK0864S	<200	100	<.05	45	25	160
TK0865S	N	200	<.05	5	5	35
TK0866D	1,000	200	N	160	40	270
TK0867D	500	200	N	75	15	170
TK0868D	N	500	N	<5	5	20
TK0869S	<200	200	.05	40	15	110
TK0870S	200	100	N	65	30	170
TK0871D	500	200	<.05	70	20	150
TK0872S	N	300	N	25	15	120
TK0873S	<200	200	N	25	15	90
TK0874S	200	200	N	80	30	160
TK0875S	N	700	N	25	15	90
TK0876D	<200	500	N	15	10	100
TK0877D	<200	100	N	<5	20	65
TK0878S	N	700	N	5	5	30
TK0879S	N	700	N	35	15	100
TK0880S	<200	200	.15	55	25	140
TK0881S	200	100	N	55	25	130
TK0882D	500	200	.05	95	30	200
TK0883S	200	150	<.05	45	15	90
TK0884S	200	150	N	80	40	200
TK0885S	<200	150	N	55	30	130
TK0886S	N	700	--	25	10	70
TK0887S	N	1,000	N	5	5	50

STREAM SEDIMENT AND GLACIAL DEBRIS--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	S-BI
TK0888S	62.8714	150.2794	7.0	1.50	.70	.50	700	N	N	N	100	700	2.0	N
TK0889S	62.8581	150.2589	5.0	1.50	1.50	.20	1,000	N	N	N	50	700	2.0	N
TK0890S	62.7786	150.7575	10.0	1.50	.50	.50	1,000	N	N	N	100	1,000	2.0	N
TK0891D	62.7936	150.7719	7.0	2.00	.20	.30	1,000	N	N	N	150	1,000	2.0	N
TK0892S	62.8247	150.8072	10.0	1.50	.50	.50	2,000	N	N	N	150	1,000	2.0	N
TK0893S	62.8228	150.7972	10.0	1.50	.50	.30	3,000	N	N	N	150	1,000	2.0	N
TK0894D	62.8619	150.8425	10.0	2.00	.70	.50	1,000	N	N	N	200	1,000	2.0	N
TK0895S	62.8803	150.6569	7.0	1.50	.50	.30	1,000	N	N	N	150	1,000	2.0	N
TK0896S	62.8939	150.6442	3.0	1.50	1.00	.20	700	N	1,000	N	100	1,000	2.0	N
TK0897S	62.9172	150.8325	3.0	1.00	1.00	.30	700	N	N	N	100	700	<1.0	N
TK0898D	62.8808	150.9031	5.0	1.50	1.00	.20	1,000	N	N	N	200	1,000	2.0	N
TK0899D	62.8478	150.8975	15.0	2.00	.70	.50	1,000	<.5	N	N	200	1,500	1.0	N
TK0900D	62.8656	150.9333	2.0	.50	1.00	.15	500	N	N	N	50	700	3.0	N
TK0901D	62.8739	150.9567	2.0	.50	1.00	.15	700	N	N	N	20	1,000	5.0	N
TK0902D	62.9469	150.4861	10.0	2.00	1.00	.30	1,500	<.5	N	N	200	1,500	2.0	N
TK0903D	62.9394	150.5175	10.0	2.00	1.00	.50	1,000	N	N	N	200	1,000	2.0	N
TK0904S	62.9269	150.4692	1.5	.50	1.00	.15	500	N	N	N	20	700	2.0	N
TK0905S	62.9422	150.4264	.7	.10	1.00	.15	500	N	N	N	10	700	5.0	N
TK0906S	62.9322	150.4353	2.0	.20	1.00	.20	700	N	N	N	30	700	3.0	N
TK0907S	62.9356	150.3517	2.0	.10	1.00	.70	1,500	N	N	N	20	700	7.0	N
TK0908S	62.9261	150.3406	2.0	.20	1.50	.20	700	N	N	N	10	700	5.0	N
TK0909S	62.9100	150.4050	3.0	.50	1.00	.70	1,000	N	N	N	10	700	10.0	N
TK0910S	62.9097	150.3700	1.0	1.50	.50	.50	2,000	N	N	N	100	1,000	2.0	N
TK0911S	62.9614	150.2444	2.0	.50	1.50	.70	1,000	N	N	N	10	700	3.0	N
TK0912D	62.9553	150.2022	10.0	2.00	.50	.50	1,500	N	N	N	100	1,500	2.0	N
TK0912S	62.9553	150.2022	1.5	.50	1.00	.30	700	N	N	N	10	700	3.0	N
TK0913S	62.9314	150.2483	7.0	1.00	1.50	.50	1,500	N	N	N	70	1,000	3.0	N
TK0914S	62.9097	150.2428	5.0	.70	2.00	.50	1,000	N	N	N	20	1,000	5.0	N
TK0915S	62.9022	150.1908	3.0	.50	1.50	.50	1,000	N	N	N	20	700	5.0	N
TK0916S	62.9428	150.1281	10.0	2.00	.50	.70	1,500	N	N	N	100	1,000	2.0	N
TK0917S	62.9981	150.1278	7.0	2.00	.70	.50	1,000	N	N	N	100	1,000	1.5	N
TK0918S	62.9839	150.0636	10.0	3.00	1.50	.70	1,000	N	N	N	100	700	1.5	N
TK0919S	62.9628	150.0283	10.0	5.00	2.00	.50	1,500	N	N	N	100	500	1.0	N
TK0921S	62.8675	150.1139	3.0	.50	2.00	.50	1,000	N	N	N	20	700	2.0	N
TK0922S	62.8558	150.1381	10.0	1.00	2.00	.70	1,000	N	N	N	20	1,000	2.0	N
TK0923S	62.8450	150.1872	7.0	1.50	2.00	.50	1,500	N	N	N	20	1,000	2.0	N
TK0924S	62.8314	150.1839	10.0	1.50	1.50	.30	1,500	N	N	N	20	1,000	1.5	N
TK0925S	62.7972	150.2550	5.0	1.50	1.50	.20	1,500	N	N	N	100	1,000	2.0	N
TK0926S	62.8833	150.4569	1.0	.20	1.50	.20	700	N	N	N	20	1,000	5.0	N
TK0927S	62.8947	150.4117	1.0	.20	1.50	.15	500	N	N	N	70	700	3.0	N
TK0928S	62.8606	150.4031	5.0	.70	1.50	.50	1,000	N	N	N	20	700	3.0	N
TK0929S	62.8278	150.3422	3.0	1.00	2.00	.30	700	N	N	N	20	1,000	5.0	N
TK0930S	62.7911	150.3522	5.0	1.00	1.50	.30	1,000	N	N	N	70	1,000	5.0	N
TK0931S	62.7747	150.3317	5.0	.50	1.50	.70	1,500	N	N	N	20	1,000	2.0	N
TK0932S	62.7425	150.3417	3.0	.70	2.00	.20	1,000	N	N	N	20	700	5.0	N

STREAM SEDIMENT AND GLACIAL DEBRIS--continued

sample	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR	S-V	S-W	S-Y
TK08885	N	20	100	20	50	N	<20	100	20	N	20	N	200	150	N	20
TK08895	N	70	70	50	70	N	<20	50	30	N	20	N	500	150	N	300
TK08905	N	30	300	100	50	N	<20	100	50	N	20	N	200	200	N	30
TK08910	N	30	150	70	50	N	<20	70	30	N	20	N	200	150	N	30
TK08925	N	30	150	70	100	N	<20	100	30	N	20	N	200	150	N	30
TK08935	N	30	150	50	50	N	<20	100	50	N	20	N	200	150	N	20
TK08940	N	50	150	100	70	N	<20	100	50	N	20	N	200	150	N	50
TK08955	N	20	70	100	50	N	<20	70	50	N	15	N	200	150	N	50
TK08965	N	15	70	70	50	N	<20	50	20	N	15	N	200	100	N	20
TK08975	N	<5	N	20	50	N	<20	70	15	N	7	N	200	100	N	20
TK08980	N	30	70	70	50	N	<20	70	20	N	15	N	200	150	N	50
TK08990	N	50	150	100	70	N	<20	100	50	N	20	N	200	150	N	30
TK09000	N	<5	<10	<5	100	N	<20	<5	70	N	5	N	200	10	N	100
TK09010	N	<5	<10	70	200	N	<20	<5	70	N	10	N	200	10	N	50
TK09020	N	30	150	100	70	N	<20	100	50	N	20	N	200	150	N	50
TK09030	N	30	100	100	50	<5	<20	100	20	N	15	N	200	150	N	50
TK09045	N	<5	N	<5	50	N	<20	<5	50	N	5	10	200	10	N	20
TK09055	N	<5	N	<5	50	N	<20	<5	50	N	7	N	200	10	N	20
TK09065	N	<5	N	<5	300	N	<20	<5	50	N	7	20	200	10	N	100
TK09075	N	<5	N	<5	200	N	20	<5	50	N	10	N	200	10	N	70
TK09085	N	<5	N	<5	200	N	<20	<5	50	N	10	N	200	10	N	150
TK09095	N	10	20	15	300	N	<20	15	50	N	20	N	200	N	N	150
TK09105	N	50	150	150	50	10	<20	300	50	N	20	N	300	150	N	30
TK09115	N	<5	20	20	1,000	N	20	<5	30	N	30	30	200	30	N	150
TK09120	N	50	200	150	50	N	<20	150	70	N	20	N	300	150	N	30
TK09125	N	<5	10	20	500	N	20	<5	30	N	20	N	200	20	N	150
TK09135	N	20	70	50	100	N	<20	50	50	N	30	N	300	150	N	20
TK09145	N	<5	10	20	500	N	<20	<5	70	N	50	N	200	30	N	100
TK09155	N	<5	10	7	300	N	<20	<5	50	N	50	N	200	30	N	50
TK09165	N	30	200	100	50	N	<20	100	30	N	50	N	200	200	N	50
TK09175	N	50	300	70	50	N	<20	70	20	N	50	N	200	150	N	30
TK09185	N	50	500	100	50	N	<20	200	30	N	50	N	200	200	N	20
TK09195	N	50	150	100	50	N	<20	100	50	N	50	N	500	200	N	20
TK09215	N	10	20	10	300	N	20	<5	50	N	15	N	300	50	N	100
TK09225	N	10	30	10	700	N	<20	<5	70	N	50	N	300	50	N	150
TK09235	N	20	50	70	50	N	<20	10	50	N	50	N	300	150	N	30
TK09245	N	20	50	70	50	N	<20	20	50	N	50	N	300	150	N	30
TK09255	N	10	50	10	200	N	<20	20	50	N	30	N	300	100	N	100
TK09265	N	<5	<10	<5	200	N	<20	<5	50	N	10	N	200	20	N	50
TK09275	N	<5	<10	<5	150	N	<20	<5	70	N	10	N	200	20	N	70
TK09285	N	10	50	15	200	N	<20	10	70	N	50	N	300	70	N	100
TK09295	N	10	50	7	100	N	<20	10	70	N	10	N	500	100	N	50
TK09305	N	15	70	70	150	N	<20	50	50	N	50	N	300	150	N	50
TK09315	N	10	20	10	300	N	20	10	70	N	50	N	300	50	N	100
TK09325	N	10	20	10	200	N	<20	10	70	N	10	N	500	50	N	50

STREAM SEDIMENT AND GLACIAL DEBRIS--continued

sample	S-ZN	S-ZR	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P
TK0888S	200	100	N	35	15	120
TK0889S	<200	100	N	45	15	100
TK0890S	200	150	.25	75	35	180
TK0891D	500	100	N	55	25	120
TK0892S	200	200	<.05	55	25	150
TK0893S	200	150	.20	55	30	170
TK0894D	500	200	.10	95	30	180
TK0895S	200	150	N	70	25	150
TK0896S	200	100	--	35	20	100
TK0897S	<200	100	N	25	10	80
TK0898D	300	200	N	60	15	120
TK0899D	500	200	N	75	25	160
TK0900D	N	500	N	<5	5	35
TK0901D	N	300	N	35	15	90
TK0902D	300	300	N	120	25	190
TK0903D	300	100	.10	95	25	200
TK0904S	<200	150	N	5	5	40
TK0905S	N	700	N	<5	5	15
TK0906S	N	>1,000	N	5	5	30
TK0907S	N	1,000	N	5	10	20
TK0908S	N	300	N	5	10	50
TK0909S	N	>1,000	.05	10	10	60
TK0910S	500	100	N	140	35	320
TK0911S	N	>1,000	N	20	10	80
TK0912D	500	150	N	90	20	190
TK0912S	N	1,000	N	25	10	70
TK0913S	N	200	N	30	15	90
TK0914S	N	>1,000	N	10	10	65
TK0915S	N	1,000	N	10	10	70
TK0916S	200	150	.10	70	25	170
TK0917S	200	150	N	55	20	130
TK0918S	300	100	--	65	25	140
TK0919S	<200	100	N	65	30	100
TK0921S	N	>1,000	N	10	10	55
TK0922S	N	>1,000	N	10	15	90
TK0923S	N	500	N	45	15	110
TK0924S	<200	200	N	55	15	110
TK0925S	N	300	N	15	10	65
TK0926S	N	1,000	N	10	5	30
TK0927S	N	300	N	10	5	35
TK0928S	N	>1,000	N	10	10	80
TK0929S	N	500	N	5	10	55
TK0930S	<200	500	N	30	15	95
TK0931S	N	1,000	N	15	15	55
TK0932S	<200	200	N	10	15	95

STREAM SEDIMENT AND GLACIAL DEBRIS--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	S-BI
TK0933S	62.7561	150.3908	5.0	.70	2.00	.30	1,000	N	N	N	50	1,000	5.0	N
TK0934S	62.8325	150.4475	5.0	1.50	1.00	.50	1,500	N	N	N	100	700	2.0	N
TK0935S	62.7914	150.4192	5.0	1.50	1.00	.30	1,000	N	N	N	100	700	2.0	N
TK0936S	62.7375	150.6269	2.0	.20	1.50	.30	700	N	N	N	20	700	3.0	N
TK0937S	62.7481	150.6639	7.0	1.50	1.00	.50	1,500	N	N	N	150	700	2.0	N
TK0938S	62.6972	150.7136	7.0	2.00	1.00	.50	>5,000	N	N	N	150	700	2.0	N
TK0939S	62.6761	150.6436	3.0	.50	1.50	.30	700	N	N	N	50	700	2.0	N
TK0940S	62.6781	150.6089	3.0	.50	1.50	.70	1,000	N	N	N	30	700	3.0	N
TK0941S	62.6719	150.5200	2.0	.30	1.50	.20	1,000	N	N	N	20	700	3.0	N
TK0943S	62.8353	150.5108	10.0	1.50	1.00	.70	1,000	N	N	N	150	700	2.0	N
TK0944S	62.8094	150.5106	7.0	1.50	1.00	.70	1,000	N	N	N	150	700	2.0	N

STREAM SEDIMENT AND GLACIAL DEBRIS--continued

sample	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-ND	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR	S-V	S-W	S-Y
TK0933S	N	10	20	15	100	N	<20	10	70	N	10	N	300	50	N	50
TK0934S	N	20	100	50	70	N	<20	70	50	N	15	N	300	150	N	30
TK0935S	N	20	100	20	70	N	<20	70	50	N	15	N	300	150	N	30
TK0936S	N	<5	10	5	500	N	<20	<5	50	N	15	N	300	30	N	50
TK0937S	N	30	150	70	100	N	<20	70	50	N	20	N	200	150	N	50
TK0938S	N	30	150	100	100	N	<20	70	50	N	20	N	200	200	N	20
TK0939S	N	10	30	15	200	N	<20	20	50	N	15	N	200	50	N	50
TK0940S	N	<5	10	<5	700	N	<20	<5	50	N	20	N	200	30	N	100
TK0941S	N	<5	N	<5	700	N	<20	<5	30	N	7	N	200	20	N	50
TK0943S	N	20	200	20	50	N	<20	70	20	N	20	N	200	150	N	20
TK0944S	N	20	150	20	50	N	<20	70	20	N	20	N	200	150	N	30

STREAM SEDIMENT AND GLACIAL DEBRIS--continued

sample	S-ZN	S-ZR	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P
TK0933S	<200	300	--	15	15	90
TK0934S	N	200	N	30	15	100
TK0935S	<200	100	N	25	15	85
TK0936S	N	300	N	5	5	25
TK0937S	200	150	.20	40	25	140
TK0938S	300	100	--	65	35	190
TK0939S	N	150	N	20	10	90
TK0940S	N	>1,000	N	10	10	50
TK0941S	N	200	N	<5	5	35
TK0943S	<200	150	N	30	20	90
TK0944S	<200	150	N	35	20	100

NONMAGNETIC HEAVY-MINERAL CONCENTRATES

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
5EK18HC3	62.4183	151.6600	2.0	.20	2.0	>1.00	500	N	N	N	70	500	<2
5EK92HC3	62.4094	151.6767	2.0	2.00	2.0	>1.00	700	N	N	20	200	500	<2
5EK93HC3	62.4094	151.6767	2.0	.30	.7	>1.00	150	N	N	N	150	700	<2
5RK44HC3	62.4781	151.0400	2.0	.70	7.0	>1.00	700	N	N	N	200	700	<2
7SAM23C3	62.4811	151.0050	3.0	1.00	7.0	>1.00	700	50.0	N	200	200	200	<2
7SAM35C3	62.6489	150.4753	3.0	1.00	10.0	.70	1,000	N	N	N	100	150	2
7SAM36C3	62.6472	150.4619	3.0	1.50	10.0	>1.00	700	N	N	N	150	300	5
7SAM39C3	62.6614	150.4922	3.0	1.00	1.0	.>	300	N	N	N	150	1,000	<2
7SEK3HC3	62.3639	151.5733	2.0	.50	10.0	>1.00	500	N	N	N	200	700	<2
7SEK9HC3	62.3625	151.5697	2.0	.20	3.0	>1.00	500	N	N	N	200	1,000	<2
N36BC3	62.0236	152.0153	--	--	--	--	--	--	--	--	--	--	--
N43C3	62.0108	152.8611	--	--	--	--	--	--	--	--	--	--	--
N44AC3	62.6458	151.0681	7.0	1.00	7.0	>1.00	1,000	10.0	N	N	50	>5,000	N
N44BC3	62.6736	151.0722	7.0	.50	7.0	1.00	1,500	15.0	700	N	70	700	N
N44CC3	62.6250	151.0903	7.0	1.00	2.0	>1.00	700	N	1,000	N	70	2,000	N
N442C3	62.6833	150.6639	5.0	.05	5.0	>1.00	500	N	7,000	N	30	700	N
N50AC3	62.7181	150.8250	7.0	1.00	10.0	>1.00	3,000	200.0	N	>500	200	700	2
N50DC3	62.7153	150.8153	7.0	1.00	2.0	>1.00	700	15.0	7,000	N	200	700	N
R118C3	62.0111	152.8903	--	--	--	--	--	--	--	--	--	--	--
R183C3	62.8381	150.2975	20.0	7.00	10.0	>1.00	1,000	N	1,500	N	50	1,500	N
R184C3	62.7964	150.3100	3.0	.50	1.5	>1.00	1,000	N	N	N	200	1,600	N
R185C3	62.7639	150.3783	2.0	.15	5.0	>1.00	300	N	N	N	30	1,000	N
R186C3	62.7625	150.3764	1.0	.07	10.0	>1.00	500	N	N	N	<20	500	N
R187C3	62.8647	150.2419	7.0	5.00	20.0	>1.00	1,500	N	N	N	300	1,000	N
R188C3	62.8958	150.1986	5.0	2.00	20.0	>1.00	1,000	N	2,000	N	300	500	70
R189C3	62.9306	150.1333	>20.0	1.00	2.0	>1.00	1,000	2.0	3,000	N	50	2,000	<2
R190C3	62.9486	150.1194	>20.0	.20	2.0	.70	200	N	N	N	20	>5,000	N
R191C3	62.9739	150.0753	10.0	2.00	15.0	>1.00	1,500	N	N	N	300	700	N
R192C3	62.9694	150.0736	>20.0	2.00	2.0	>1.00	300	N	N	N	200	700	N
R204C3	62.9319	150.4167	5.0	.20	15.0	>1.00	3,000	N	7,000	N	70	100	N
R205C3	62.9361	150.3528	.3	.05	5.0	>1.00	1,000	N	N	N	<20	500	5
R206C3	62.9403	150.3208	2.0	<.05	2.0	>1.00	500	N	N	N	<20	150	N
R207C3	62.9181	150.2778	2.0	<.05	20.0	>1.00	700	N	N	N	<20	300	N
R208C3	62.9347	150.2611	1.0	<.05	15.0	>1.00	300	N	5,000	N	<20	150	N
R209C3	62.9556	150.2694	2.0	<.05	5.0	.50	200	N	700	N	<20	500	N
R210C3	62.9625	150.2875	1.5	<.05	1.0	>1.00	200	N	N	N	<20	200	N
R211C3	62.9750	150.3194	1.5	<.05	15.0	>1.00	300	N	N	N	<20	100	N
R212C3	62.9611	150.2500	--	--	--	--	--	--	--	--	--	--	--
R213C3	62.9306	150.2208	2.0	<.05	15.0	1.00	1,500	N	N	N	<20	100	N
R227AC3	62.6653	151.1431	3.0	<.05	30.0	>1.00	>5,000	N	N	N	70	200	2
TK0001C3	62.7061	152.5592	--	--	--	>1.00	--	N	N	--	--	--	N
TK0002C3	62.7042	152.5975	--	--	--	>1.00	--	3.0	3,000	--	--	--	N
TK0003C3	62.7100	152.5494	--	--	--	>1.00	--	N	N	--	--	--	N
TK0004C3	62.7064	152.6064	--	--	--	>1.00	--	N	N	--	--	--	N
TK0005C3	62.7169	152.5286	--	--	--	>1.00	--	N	N	--	--	--	2

NONMAGNETIC HEAVY-MINERAL CONCENTRATES

sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR
5EK18HC3	N	N	<10	150	30	200	N	<50	<10	<20	N	50	100	<200
5EK92HC3	N	N	<10	300	150	200	N	<50	30	<20	N	100	100	<200
5EK93HC3	N	N	<10	200	30	100	N	<50	20	<20	N	100	N	<200
5RK44HC3	N	N	<10	200	30	300	N	<50	<10	<20	N	50	150	700
75AM23C3	N	N	<10	300	30	100	N	<50	<10	<20	N	100	500	300
75AM35C3	N	N	<10	100	10	50	N	<50	<10	<20	N	20	N	700
75AM36C3	N	N	<10	200	10	100	N	<50	<10	<20	N	30	100	500
75AM39C3	N	N	<10	200	100	300	N	<50	<10	<20	N	100	1,000	200
75EK3HC3	N	N	<10	150	30	150	N	<50	<10	20	N	100	150	300
75EK9HC3	N	N	<10	150	30	200	N	<50	<10	20	N	100	150	300
N36BC3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
N43C3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
N44AC3	N	N	30	300	200	>1,000	N	N	150	1,500	N	30	N	1,000
N44BC3	70	N	10	700	100	1,000	N	N	70	70	N	20	N	300
N44CC3	N	N	20	300	500	>1,000	N	50	70	70	N	30	N	300
N442C3	700	N	200	N	50	500	N	<50	300	70	N	100	100	N
N50AC3	N	N	20	500	150	>1,000	N	70	70	100	N	70	>1,000	1,500
N50BC3	700	N	20	700	700	>1,000	N	150	30	1,500	N	70	>1,000	700
R118C3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
R183C3	N	N	70	1,000	2,000	50	N	N	700	70	N	50	N	N
R184C3	N	N	10	300	100	150	N	50	30	N	N	30	20	N
R185C3	N	N	10	N	30	>1,000	N	N	20	N	N	70	N	N
R186C3	N	N	10	N	30	700	N	70	N	N	N	>100	70	200
R187C3	N	N	20	700	1,000	500	N	<50	100	50	N	>100	>1,000	700
R188C3	N	N	30	700	100	700	N	<50	150	500	N	70	>1,000	700
R189C3	N	N	30	150	3,000	200	N	<50	150	1,500	N	30	50	1,500
R190C3	N	N	50	150	700	100	N	N	150	50	N	10	N	200
R191C3	N	N	30	1,000	500	200	N	50	150	50	N	70	N	N
R192C3	N	N	100	700	300	300	N	N	200	50	N	70	N	N
R204C3	N	N	30	N	5,000	>1,000	N	100	200	200	N	>100	>1,000	N
R205C3	N	N	N	N	200	1,000	N	N	N	70	N	50	500	N
R206C3	N	N	N	N	1,500	>1,000	N	100	N	200	N	>100	>1,000	N
R207C3	N	N	N	N	1,500	1,000	N	50	N	70	N	>100	700	N
R208C3	N	N	200	N	1,500	700	N	N	200	N	N	>100	70	N
R209C3	N	N	30	N	500	700	N	N	70	N	N	70	N	N
R210C3	N	N	N	N	1,000	>1,000	N	300	N	100	N	>100	1,000	N
R211C3	N	N	N	N	1,500	>1,000	N	50	N	70	N	>100	>1,000	N
R212C3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
R213C3	N	N	30	N	500	500	N	N	70	N	N	70	N	N
R227AC3	N	N	20	N	30	700	N	N	N	70	N	70	50	N
TK0001C3	N	N	50	200	200	--	N	--	70	30	N	--	N	--
TK0002C3	N	N	50	200	300	--	N	--	100	20	N	--	N	--
TK0003C3	N	N	20	150	200	--	N	--	50	N	N	--	N	--
TK0004C3	N	N	50	150	300	--	N	--	100	20	N	--	N	--
TK0005C3	N	N	50	100	300	--	N	--	100	20	N	--	N	--

NONMAGNETIC HEAVY-MINERAL CONCENTRATES

sample	S-V	S-W	S-Y	S-ZN	S-ZR
SEK18HC3	150	N	200	N	>1,000
SEK92HC3	200	N	150	N	>1,000
SEK93HC3	200	N	200	N	>1,000
SRK44HC3	200	N	150	N	>1,000
75AM23C3	200	N	100	N	>1,000
75AM35C3	200	N	50	N	>1,000
75AM36C3	200	N	100	N	>1,000
75AM39C3	300	N	200	N	>1,000
75EK3HC3	300	N	200	N	>1,000
75EK9HC3	200	N	200	N	>1,000
N36BC3	--	--	--	--	--
N43C3	--	--	--	--	--
N44AC3	200	N	300	N	>1,000
N44BC3	300	2,000	300	N	>1,000
N44EC3	300	N	200	N	>1,000
N44ZC3	50	N	1,500	N	>1,000
N50AC3	200	1,000	300	N	>1,000
N50BC3	300	500	300	N	>1,000
R118C3	--	--	--	--	--
R183C3	300	5,000	50	N	200
R184C3	200	<100	300	N	>1,000
R185C3	50	N	700	N	>1,000
R186C3	70	N	1,500	N	>1,000
R187C3	500	N	1,000	N	>1,000
R188C3	500	N	700	N	>1,000
R189C3	500	300	200	N	>1,000
R190C3	100	N	70	N	>1,000
R191C3	500	N	150	N	>1,000
R192C3	500	N	100	N	>1,000
R204C3	50	1,500	2,000	N	>1,000
R205C3	N	N	700	N	>1,000
R206C3	50	150	>2,000	N	>1,000
R207C3	70	N	>2,000	N	>1,000
R208C3	20	N	2,000	N	>1,000
R209C3	20	N	1,500	N	>1,000
R210C3	50	N	1,500	N	>1,000
R211C3	30	N	2,000	N	>1,000
R212C3	--	--	--	--	--
R213C3	50	N	1,500	N	>1,000
R227AC3	20	N	1,500	N	>1,000
TK00001C3	--	N	--	N	--
TK00002C3	--	N	--	N	--
TK00003C3	--	N	--	N	--
TK00004C3	--	N	--	500	--
TK00005C3	--	N	--	N	--

NONMAGNETIC HEAVY-MINERAL CONCENTRATES

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
TK0006C3	62.7031	152.6136	--	--	--	>1.00	--	N	N	--	--	--	N
TK0008C3	62.7231	152.6192	--	--	--	>1.00	--	N	N	--	--	--	N
TK0009C3	62.7381	152.5428	--	--	--	>1.00	--	N	N	--	--	--	N
TK0015C5	62.8847	152.2364	20.0	.50	3.0	.50	300	5.0	1,500	N	300	1,000	2
TK0016C3	62.7161	152.6192	--	--	--	.70	--	N	N	--	--	--	N
TK0017C5	62.8853	152.2292	2.0	1.50	7.0	1.00	300	15.0	N	N	300	300	2
TK0019C5	62.8897	152.2378	3.0	2.00	7.0	1.00	500	N	N	N	500	500	7
TK0021C5	62.8931	152.2392	3.0	2.00	7.0	1.00	500	N	N	N	200	500	5
TK0022C3	62.7275	152.6219	--	--	--	>1.00	--	N	N	--	--	--	N
TK0023C5	62.8939	152.2317	2.0	1.50	10.0	1.00	300	15.0	N	N	150	200	2
TK0025C5	62.8972	152.2317	5.0	2.00	7.0	1.00	700	N	N	N	300	300	7
TK0026C3	62.7319	152.6333	--	--	--	>1.00	--	N	500	--	--	--	N
TK0027C5	62.9017	152.2269	5.0	2.00	10.0	>1.00	700	30.0	1,500	N	1,500	500	7
TK0028C3	62.7378	152.6283	--	--	--	.50	--	N	N	--	--	--	N
TK0029C5	62.9011	152.2169	5.0	2.00	10.0	>1.00	700	N	N	N	300	700	7
TK0031C5	62.9039	152.2119	5.0	2.00	10.0	>1.00	700	N	N	N	300	700	7
TK0033C5	62.9053	152.2069	20.0	1.50	5.0	.70	500	15.0	3,000	N	300	700	2
TK0034C3	62.7456	152.6400	--	--	--	>1.00	--	N	<500	--	--	--	N
TK0035C5	62.9028	152.1994	7.0	1.50	3.0	>1.00	300	N	N	N	300	1,000	7
TK0036C3	62.7467	152.6536	--	--	--	>1.00	--	N	N	--	--	--	2
TK0037C5	62.9053	152.1958	7.0	1.50	5.0	>1.00	300	7.0	N	N	300	3,000	5
TK0038C3	62.7508	152.6500	--	--	--	--	--	--	--	--	--	--	--
TK0040C3	62.9017	152.0383	--	--	--	>1.00	--	N	N	--	--	--	N
TK0041C5	62.9064	152.1869	7.0	1.50	3.0	>1.00	300	N	N	N	300	1,500	5
TK0042C3	62.9022	152.0433	--	--	--	>1.00	--	N	N	--	--	--	2
TK0043C5	62.9053	152.1833	7.0	2.00	7.0	>1.00	700	2.0	N	N	1,500	2,000	7
TK0044C3	62.9033	152.0311	--	--	--	>1.00	--	N	N	--	--	--	<2
TK0045C5	62.9058	152.1744	7.0	2.00	7.0	.70	700	N	1,000	N	700	700	7
TK0046C3	62.9061	152.0261	--	--	--	>1.00	--	N	N	--	--	--	<2
TK0047C5	62.9075	152.1694	7.0	2.00	5.0	1.00	700	N	N	N	1,000	>5,000	30
TK0048C3	62.9108	152.0286	--	--	--	>1.00	--	N	N	--	--	--	<2
TK0049C5	62.9053	152.1658	7.0	2.00	7.0	1.00	1,500	N	N	N	1,000	>5,000	150
TK0050C3	62.9142	152.0350	--	--	--	>1.00	--	2.0	N	--	--	--	<2
TK0051C5	62.9092	152.1633	7.0	1.50	3.0	>1.00	1,000	N	N	N	1,500	1,500	7
TK0052C3	62.9153	152.0436	--	--	--	>1.00	--	N	N	--	--	--	2
TK0053C5	62.9011	152.1508	5.0	.15	1.0	.10	50	N	3,000	N	20	2,000	N
TK0054C3	62.9192	152.0400	--	--	--	>1.00	--	N	N	--	--	--	<2
TK0055C5	62.8983	152.1606	2.0	1.50	1.0	.70	300	N	N	N	300	1,500	2
TK0056C3	62.9261	152.0425	--	--	--	>1.00	--	N	N	N	--	--	5
TK0057C5	62.9058	152.1533	2.0	2.00	3.0	>1.00	500	N	N	N	500	1,500	15
TK0058C3	62.8200	152.4567	--	--	--	1.00	--	N	N	N	--	--	5
TK0060C3	62.8156	152.4517	--	--	--	1.00	--	N	N	N	--	--	5
TK0062C3	62.8150	152.4603	--	--	--	>1.00	--	N	N	N	--	--	5
TK0063C5	62.8614	152.2272	5.0	5.00	5.0	>1.00	300	N	N	N	500	3,000	2
TK0064C3	62.8133	152.4517	--	--	--	1.00	--	N	N	N	--	--	2

NONMAGNETIC HEAVY-MINERAL CONCENTRATES

sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR
TK0006C3	N	N	15	100	100	--	N	--	50	N	N	--	N	--
TK0008C3	N	N	15	70	150	--	N	--	30	30	N	--	N	--
TK0009C3	N	N	50	300	500	--	N	--	150	500	N	--	N	--
TK0015C5	N	N	30	100	70	50	N	200	50	700	2,000	10	700	N
TK0016C3	N	N	10	150	30	--	N	--	30	N	N	--	N	--
TK0017C5	200	N	20	500	15	100	70	100	50	3,000	700	30	700	200
TK0019C5	N	N	10	200	20	N	N	N	10	100	<200	15	>1,000	500
TK0021C5	<20	N	10	300	20	N	N	N	10	50	N	15	>1,000	500
TK0022C3	N	N	20	150	100	--	N	--	50	50	N	--	N	--
TK0023C5	N	N	10	100	10	150	N	300	20	3,000	700	50	700	N
TK0025C5	N	N	10	200	15	50	N	300	20	70	N	20	700	700
TK0026C3	N	N	10	N	100	--	N	--	30	N	N	--	N	--
TK0027C5	<20	N	10	200	30	150	N	150	20	20	200	20	700	700
TK0028C3	N	N	<10	N	10	--	N	--	30	N	N	--	N	--
TK0029C5	N	N	10	200	20	100	N	500	20	100	N	20	>1,000	N
TK0031C5	N	N	10	150	20	150	N	300	50	50	N	30	>1,000	700
TK0033C5	100	N	50	150	150	150	N	150	70	200	N	20	<20	N
TK0034C3	N	N	15	70	50	--	N	--	30	30	N	--	N	--
TK0035C5	N	N	50	300	30	150	N	300	50	150	N	50	N	200
TK0036C3	N	N	20	70	100	--	N	--	50	20	N	--	N	--
TK0037C5	500	N	50	300	70	150	N	300	70	150	N	30	<20	500
TK0038C3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TK0040C3	N	N	100	50	300	--	N	--	200	300	N	--	N	--
TK0041C5	N	N	30	200	150	100	N	300	50	50	N	30	N	200
TK0042C3	N	N	20	200	200	--	N	--	70	1,000	N	--	N	--
TK0043C5	<20	N	20	200	50	100	N	200	50	700	500	20	N	N
TK0044C3	N	N	50	50	200	--	N	--	150	70	N	--	N	--
TK0045C5	N	N	10	150	20	70	N	100	30	20	N	15	300	N
TK0046C3	N	N	20	70	500	--	N	--	100	100	N	--	N	--
TK0047C5	N	N	20	150	30	150	N	200	50	70	N	30	<20	500
TK0048C3	N	N	20	70	150	--	N	--	70	70	N	--	N	--
TK0049C5	N	N	20	150	30	150	N	300	50	N	N	30	70	700
TK0050C3	N	N	20	70	150	--	N	--	70	1,000	N	--	N	--
TK0051C5	N	N	20	200	30	200	N	500	50	N	N	70	70	200
TK0052C3	N	N	20	150	500	--	N	--	70	50	N	--	N	--
TK0053C5	N	N	70	100	70	N	N	N	70	N	N	10	N	N
TK0054C3	N	N	20	70	200	--	N	--	70	300	N	--	N	--
TK0055C5	N	N	10	150	10	100	N	500	50	N	N	30	200	N
TK0056C3	N	N	30	200	300	--	N	--	150	1,500	N	--	N	--
TK0057C5	N	N	10	150	10	100	N	300	50	N	N	50	100	N
TK0058C3	N	N	70	300	200	--	N	--	150	500	N	--	N	--
TK0060C3	N	N	50	200	200	--	N	--	150	1,000	N	--	N	--
TK0062C3	N	N	30	500	700	--	N	--	150	100	N	--	N	--
TK0063C5	N	N	10	700	15	100	N	300	70	200	N	30	700	N
TK0064C3	N	N	30	200	5,000	--	N	--	150	700	N	--	N	--

NONMAGNETIC HEAVY-MINERAL CONCENTRATES

sample	S-V	S-W	S-Y	S-ZN	S-ZR
TK0006C3	--	N	--	N	--
TK0008C3	--	N	--	N	--
TK0009C3	--	N	--	N	--
TK0015C5	100	N	150	N	300
TK0016C3	--	N	--	N	--
TK0017C5	300	2,000	100	N	>1,000
TK0019C5	300	1,500	70	N	700
TK0021C5	200	1,500	100	N	>1,000
TK0022C3	--	N	--	N	--
TK0023C5	150	700	300	N	>1,000
TK0025C5	150	500	150	N	>1,000
TK0026C3	--	N	--	N	--
TK0027C5	200	100	100	N	>1,000
TK0028C3	--	N	--	N	--
TK0029C5	200	1,000	100	N	>1,000
TK0031C5	200	500	100	N	>1,000
TK0033C5	150	150	70	N	1,000
TK0034C3	--	N	--	N	--
TK0035C5	200	500	150	N	>1,000
TK0036C3	--	N	--	500	--
TK0037C5	150	150	150	N	>1,000
TK0038C3	--	--	--	--	--
TK0040C3	--	N	--	500	--
TK0041C5	200	N	100	N	>1,000
TK0042C3	--	N	--	N	--
TK0043C5	300	100	70	N	1,000
TK0044C3	--	N	--	<200	--
TK0045C5	150	1,000	100	N	>1,000
TK0046C3	--	N	--	500	--
TK0047C5	150	300	150	N	>1,000
TK0048C3	--	N	--	N	--
TK0049C5	150	100	150	N	>1,000
TK0050C3	--	N	--	500	--
TK0051C5	200	N	300	N	>1,000
TK0052C3	--	N	--	N	--
TK0053C5	20	N	150	700	>1,000
TK0054C3	--	N	--	500	--
TK0055C5	150	500	100	N	>1,000
TK0056C3	--	N	--	1,000	--
TK0057C5	200	100	100	N	>1,000
TK0058C3	--	N	--	500	--
TK0060C3	--	N	--	2,000	--
TK0062C3	--	N	--	500	--
TK0063C5	150	100	200	N	>1,000
TK0064C3	--	200	--	3,000	--

NONMAGNETIC HEAVY-MINERAL CONCENTRATES

sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-CU	S-B	S-BA	S-BE
TK0065C5	62.8561	152.2286	2.0	2.00	2.0	1.00	300	N	N	N	500	1,500	7
TK0066C3	62.8111	152.4467	--	--	--	.70	--	2.0	N	N	--	--	2
TK0067C5	62.8522	152.2308	1.0	.50	7.0	>1.00	500	N	2,000	N	300	700	7
TK0069C5	62.8483	152.2444	5.0	7.00	10.0	.50	2,000	N	N	N	1,500	>5,000	7
TK0071C3	62.8397	152.2681	--	--	--	.50	--	N	N	--	--	--	10
TK0071C5	62.8397	152.2681	3.0	5.00	7.0	.70	1,000	N	N	N	500	>5,000	7
TK0073C3	62.7133	152.5508	--	--	--	>1.00	--	N	1,500	N	--	--	2
TK0074C3	62.8025	152.4203	--	--	--	>1.00	--	N	N	N	--	--	5
TK0075C3	62.7089	152.5394	--	--	--	>1.00	--	N	N	N	--	--	5
TK0077C3	62.7233	152.5214	--	--	--	--	--	N	1,000	N	--	--	2
TK0079C3	62.7294	152.5289	--	--	--	>1.00	--	N	N	N	--	--	2
TK0084C3	62.7678	152.4481	--	--	--	.50	--	N	N	N	--	--	N
TK0086C3	62.7700	152.4456	--	--	--	1.00	--	N	N	N	--	--	2
TK0088C3	62.7694	152.4306	--	--	--	.50	--	N	N	--	--	--	<2
TK0090C3	62.7678	152.4206	--	--	--	.20	--	N	N	--	--	--	N
TK0092C3	62.7731	152.4158	--	--	--	.70	--	N	N	--	--	--	<2
TK0094C3	62.7775	152.4072	--	--	--	.70	--	N	N	--	--	--	<2
TK0096C3	62.7844	152.3961	--	--	--	>1.00	--	1.5	N	--	--	--	<2
TK0098C3	62.7883	152.4000	--	--	--	1.00	--	1.0	N	--	--	--	<2
TK0100C3	62.7911	152.4025	--	--	--	>1.00	--	N	N	--	--	--	<2
TK0102C3	62.7625	152.4492	--	--	--	.50	--	N	N	--	--	--	<2
TK0104C3	62.7803	152.4706	--	--	--	1.00	--	10.0	N	--	--	--	<2
TK0106C3	62.7739	152.4928	--	--	--	.50	--	7.0	N	--	--	--	N
TK0108C3	62.7197	152.5311	--	--	--	.70	--	N	N	--	--	--	N
TK0110C3	62.7358	152.4631	--	--	--	1.00	--	N	N	--	--	--	N
TK0112C3	62.7556	152.5283	--	--	--	.70	--	N	N	--	--	--	<2
TK0114C3	62.7603	152.5261	--	--	--	.70	--	1.0	N	--	--	--	N
TK0116C3	62.7611	152.5931	--	--	--	.50	--	N	N	--	--	--	<2
TK0118C3	62.7539	152.5892	--	--	--	.70	--	N	N	--	--	--	<2
TK0120C3	62.7497	152.6003	--	--	--	1.00	--	N	N	--	--	--	<2
TK0122C3	62.7703	152.6183	--	--	--	>1.00	--	N	N	--	--	--	N
TK0124C3	62.7739	152.6669	--	--	--	>1.00	--	N	N	--	--	--	N
TK0126C3	62.7786	152.6683	--	--	--	>1.00	--	N	N	--	--	--	2
TK0128C3	62.8242	152.6375	--	--	--	.70	--	N	N	--	--	--	N
TK0129C3	62.8244	152.7033	--	--	--	>1.00	--	N	N	--	--	--	2
TK0130C3	62.7989	152.7436	--	--	--	>1.00	--	N	N	--	--	--	N
TK0131C3	62.8106	152.7914	--	--	--	>1.00	--	N	N	--	--	--	N
TK0132C3	62.7828	152.7914	--	--	--	>1.00	--	N	N	--	--	--	N
TK0133C3	62.7922	152.8417	--	--	--	>1.00	--	N	N	--	--	--	N
TK0134C3	62.7483	152.8350	--	--	--	1.00	--	N	N	--	--	--	2
TK0135C3	62.7514	152.8064	--	--	--	>1.00	--	N	N	--	--	--	N
TK0136C3	62.7592	152.8528	--	--	--	>1.00	--	N	N	--	--	--	N
TK0137C3	62.6975	152.7661	--	--	--	1.00	--	N	N	--	--	--	2
TK0138C3	62.7075	152.8011	--	--	--	>1.00	--	N	N	--	--	--	<2
TK0139C3	62.6975	152.8592	--	--	--	>1.00	--	N	N	--	--	--	2

NONMAGNETIC HEAVY-MINERAL CONCENTRATES

sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR
TK0065C5	N	N	N	200	10	70	N	200	50	20	N	20	>1,000	N
TK0066C3	N	N	30	200	300	--	N	--	100	700	N	--	N	--
TK0067C5	20	N	70	70	10	200	N	500	70	20	N	70	700	N
TK0069C5	N	N	15	150	70	100	N	N	50	<20	N	20	20	N
TK0071C3	N	N	20	300	70	--	N	--	70	<20	N	--	N	--
TK0071C5	N	N	N	50	30	50	N	100	20	<20	N	10	70	500
TK0073C3	N	N	30	200	500	--	10	--	150	500	N	--	N	--
TK0074C3	N	N	50	200	700	--	N	--	150	500	N	--	N	--
TK0075C3	N	N	30	500	100	--	20	--	150	50	N	--	N	--
TK0077C3	N	N	70	300	500	--	10	--	200	100	200	--	N	--
TK0079C3	N	N	70	300	500	--	N	--	200	70	700	--	N	--
TK0084C3	N	N	10	N	50	--	N	--	50	N	N	--	N	--
TK0086C3	N	N	30	200	500	--	N	--	150	70	N	--	N	--
TK0088C3	N	N	10	100	300	--	N	--	70	100	N	--	N	--
TK0090C3	N	N	<10	N	30	--	N	--	30	30	N	--	N	--
TK0092C3	N	N	20	70	7,000	--	N	--	70	30	N	--	N	--
TK0094C3	N	100	20	70	10,000	--	N	--	70	30	N	--	N	--
TK0096C3	N	N	20	70	7,000	--	N	--	100	50	N	--	N	--
TK0098C3	N	N	30	70	1,000	--	N	--	100	500	N	--	N	--
TK0100C3	N	N	20	100	150	--	N	--	100	30	N	--	N	--
TK0102C3	N	N	10	N	30	--	N	--	50	N	N	--	N	--
TK0104C3	N	N	10	50	150	--	N	--	70	7,000	N	--	N	--
TK0106C3	N	N	20	N	20	--	N	--	50	700	N	--	N	--
TK0108C3	N	N	300	70	500	--	N	--	300	70	N	--	N	--
TK0110C3	N	N	20	1,000	300	--	N	--	150	100	N	--	N	--
TK0112C3	N	N	30	500	100	--	N	--	150	20	N	--	N	--
TK0114C3	N	N	200	100	500	--	N	--	300	200	N	--	N	--
TK0116C3	N	N	20	N	100	--	N	--	50	20	N	--	N	--
TK0118C3	N	N	10	50	150	--	N	--	50	N	200	--	N	--
TK0120C3	N	N	20	100	200	--	N	--	70	N	N	--	N	--
TK0122C3	N	N	20	100	300	--	N	--	70	70	N	--	N	--
TK0124C3	N	N	20	50	100	--	N	--	70	20	N	--	N	--
TK0126C3	N	N	20	100	70	--	N	--	70	30	N	--	N	--
TK0128C3	N	N	30	N	500	--	N	--	70	300	N	--	N	--
TK0129C3	N	N	20	150	30	--	N	--	70	150	N	--	N	--
TK0130C3	N	N	20	70	300	--	N	--	50	20	N	--	N	--
TK0131C3	N	N	20	70	30	--	N	--	30	N	N	--	N	--
TK0132C3	N	N	20	70	150	--	N	--	70	30	N	--	N	--
TK0133C3	N	N	20	70	100	--	N	--	50	N	N	--	N	--
TK0134C3	N	N	10	70	100	--	N	--	70	30	N	--	N	--
TK0135C3	N	N	10	70	100	--	N	--	70	50	N	--	N	--
TK0136C3	N	N	20	150	70	--	N	--	70	<20	N	--	N	--
TK0137C3	N	N	20	150	150	--	N	--	100	100	N	--	N	--
TK0138C3	N	N	100	300	500	--	N	--	150	30	N	--	N	--
TK0139C3	N	N	20	300	200	--	N	--	100	20	N	--	N	--

NONMAGNETIC HEAVY-MINERAL CONCENTRATES

sample	S-V	S-W	S-Y	S-ZN	S-ZR
TK0065C5	70	200	150	N	>1,000
TK0066C3	--	N	--	2,000	--
TK0067C5	20	200	1,000	N	>1,000
TK0069C5	500	N	100	N	700
TK0071C3	--	N	--	N	--
TK0071C5	200	150	200	N	700
TK0073C3	--	N	--	700	--
TK0074C3	--	100	--	2,000	--
TK0075C3	--	N	--	N	--
TK0077C3	--	N	--	N	--
TK0079C3	--	N	--	500	--
TK0084C3	--	N	--	500	--
TK0086C3	--	N	--	1,500	--
TK0088C3	--	N	--	700	--
TK0090C3	--	N	--	500	--
TK0092C3	--	N	--	1,500	--
TK0094C3	--	N	--	7,000	--
TK0096C3	--	N	--	700	--
TK0098C3	--	N	--	700	--
TK0100C3	--	N	--	N	--
TK0102C3	--	200	--	N	--
TK0104C3	--	N	--	N	--
TK0106C3	--	N	--	500	--
TK0108C3	--	N	--	700	--
TK0110C3	--	N	--	N	--
TK0112C3	--	N	--	700	--
TK0114C3	--	N	--	700	--
TK0116C3	--	N	--	N	--
TK0118C3	--	N	--	N	--
TK0120C3	--	N	--	N	--
TK0122C3	--	N	--	N	--
TK0124C3	--	N	--	N	--
TK0126C3	--	N	--	N	--
TK0128C3	--	N	--	700	--
TK0129C3	--	N	--	N	--
TK0130C3	--	N	--	N	--
TK0131C3	--	N	--	N	--
TK0132C3	--	N	--	N	--
TK0133C3	--	N	--	N	--
TK0134C3	--	N	--	700	--
TK0135C3	--	N	--	N	--
TK0136C3	--	N	--	N	--
TK0137C3	--	N	--	N	--
TK0138C3	--	N	--	700	--
TK0139C3	--	N	--	N	--

NONMAGNETIC HEAVY-MINERAL CONCENTRATES

sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-CU	S-B	S-BA	S-BE
TK0140C3	62.6658	152.8256	--	--	--	>1.00	--	N	N	--	--	--	2
TK0141C3	62.7008	152.8667	--	--	--	>1.00	--	2.0	N	--	--	--	<2
TK0142C3	62.6733	152.8186	--	--	--	>1.00	--	N	N	--	--	--	<2
TK0143C3	62.6672	152.8678	--	--	--	>1.00	--	N	N	--	--	--	<2
TK0144C3	62.6447	152.8533	--	--	--	>1.00	--	N	N	--	--	--	<2
TK0145C3	62.7622	152.3558	--	--	--	>1.00	--	N	N	--	--	--	<2
TK0146C3	62.7753	152.3511	--	--	--	>1.00	--	N	N	--	--	--	<2
TK0147C3	62.7844	152.3514	--	--	--	>1.00	--	N	N	--	--	--	2
TK0148C3	62.7872	152.3553	--	--	--	1.00	--	N	N	--	--	--	<2
TK0149C3	62.8019	152.3667	--	--	--	>1.00	--	N	N	--	--	--	<2
TK0150C3	62.8167	152.4056	--	--	--	>1.00	--	N	N	--	--	--	2
TK0151C3	62.8194	152.4917	--	--	--	>1.00	--	N	N	--	--	--	2
TK0152C3	62.8161	152.5178	--	--	--	>1.00	--	N	N	--	--	--	2
TK0153C3	62.8097	152.5547	--	--	--	>1.00	--	N	N	--	--	--	2
TK0154C3	62.7800	152.4706	--	--	--	>1.00	--	N	N	--	--	--	<2
TK0155C3	62.7744	152.4928	--	--	--	.50	--	N	N	--	--	--	N
TK0156C3	62.7750	152.4692	--	--	--	.15	--	N	N	--	--	--	N
TK0157C3	62.7314	152.6731	--	--	--	>1.00	--	N	N	--	--	--	2
TK0158C3	62.7875	152.5219	--	--	--	>1.00	--	N	N	--	--	--	2
TK0159C3	62.7292	152.6717	--	--	--	1.00	--	N	N	--	--	--	N
TK0160C3	62.7806	152.5217	--	--	--	.50	--	N	N	--	--	--	N
TK0161C3	62.6553	152.7633	--	--	--	.50	--	N	N	--	--	--	N
TK0162C3	62.7778	152.5314	--	--	--	1.00	--	N	N	--	--	--	<2
TK0163C3	62.6789	152.7208	--	--	--	>1.00	--	N	N	--	--	--	N
TK0164C3	62.6983	152.6211	--	--	--	>1.00	--	N	N	--	--	--	N
TK0165C3	62.7683	152.6778	--	--	--	>1.00	--	N	N	--	--	--	2
TK0166C3	62.6672	152.7514	--	--	--	>1.00	--	N	N	--	--	--	<2
TK0167C3	62.7667	152.6703	--	--	--	>1.00	--	N	N	--	--	--	2
TK0168C3	62.7539	152.7444	--	--	--	>1.00	--	N	N	--	--	--	<2
TK0169C3	62.7458	152.7431	--	--	--	1.00	--	N	N	--	--	--	<2
TK0170C3	62.7200	152.6775	--	--	--	>1.00	--	N	N	--	--	--	N
TK0171C3	62.7178	152.6650	--	--	--	1.00	--	1.0	N	--	--	--	<2
TK0172C3	62.7436	152.6050	--	--	--	.20	--	N	N	--	--	--	N
TK0173C3	62.7442	152.5828	--	--	--	1.00	--	N	700	--	--	--	N
TK0174C3	62.6108	152.7953	--	--	--	.20	--	N	N	--	--	--	N
TK0175C3	62.6133	152.7556	--	--	--	.70	--	1.0	1,500	--	--	--	N
TK0176C3	62.6153	152.8039	--	--	--	.50	--	1.0	700	--	--	--	N
TK0177C3	62.6214	152.7200	--	--	--	.70	--	N	N	--	--	--	N
TK0178C3	62.6383	152.7578	--	--	--	.70	--	10.0	3,000	--	--	--	<2
TK0179C3	62.6611	152.7375	--	--	--	>1.00	--	N	700	--	--	--	N
TK0180C3	62.6386	152.7789	--	--	--	.50	--	N	N	--	--	--	N
TK0181C3	62.6892	152.7039	--	--	--	>1.00	--	N	700	--	--	--	N
TK0182C3	62.6742	152.7492	--	--	--	>1.00	--	N	N	--	--	--	<2
TK0183C3	62.7017	152.6917	--	--	--	>1.00	--	N	N	--	--	--	N
TK0184C3	62.6925	152.6878	--	--	--	>1.00	--	1.0	N	--	--	--	<2

NONMAGNETIC HEAVY-MINERAL CONCENTRATES

sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR
TK0140C3	N	N	20	300	200	--	N	--	70	30	N	--	N	--
TK0141C3	N	N	20	100	700	--	N	--	70	30	N	--	N	--
TK0142C3	N	N	20	100	700	--	N	--	70	20	N	--	N	--
TK0143C3	N	N	20	150	200	--	N	--	70	30	N	--	N	--
TK0144C3	N	N	300	300	700	--	N	--	200	70	N	--	N	--
TK0145C3	N	N	20	150	300	--	N	--	150	50	N	--	N	--
TK0146C3	N	N	20	200	300	--	N	--	100	30	N	--	N	--
TK0147C3	N	N	20	300	30	--	N	--	30	30	N	--	N	--
TK0148C3	N	N	20	100	500	--	10	--	200	30	N	--	N	--
TK0149C3	N	N	20	150	1,000	--	N	--	100	30	N	--	N	--
TK0150C3	N	N	150	150	700	--	N	--	200	50	N	--	N	--
TK0151C3	N	N	20	200	70	--	N	--	50	50	N	--	N	--
TK0152C3	N	N	20	300	30	--	N	--	50	30	N	--	N	--
TK0153C3	N	N	20	150	200	--	N	--	30	30	N	--	N	--
TK0154C3	N	N	20	200	700	--	N	--	100	200	N	--	N	--
TK0155C3	N	N	20	N	15	--	N	--	70	30	N	--	N	--
TK0156C3	N	N	10	N	100	--	N	--	30	<20	N	--	N	--
TK0157C3	N	N	20	150	500	--	N	--	100	30	N	--	N	--
TK0158C3	N	N	10	150	100	--	N	--	70	150	N	--	N	--
TK0159C3	N	N	10	N	50	--	N	--	50	<20	N	--	N	--
TK0160C3	N	N	500	50	1,000	--	N	--	700	150	N	--	N	--
TK0161C3	N	N	200	N	1,000	--	N	--	300	100	N	--	N	--
TK0162C3	N	N	20	70	100	--	N	--	100	30	N	--	N	--
TK0163C3	N	N	50	500	300	--	N	--	300	30	N	--	N	--
TK0164C3	N	N	20	300	200	--	N	--	70	<20	N	--	N	--
TK0165C3	N	N	20	200	50	--	N	--	70	50	N	--	N	--
TK0166C3	N	N	20	150	500	--	N	--	100	150	N	--	N	--
TK0167C3	N	N	20	300	300	--	N	--	70	500	N	--	N	--
TK0168C3	N	N	15	150	50	--	N	--	50	70	N	--	N	--
TK0169C3	N	N	20	150	30	--	N	--	70	30	N	--	N	--
TK0170C3	N	N	20	300	100	--	N	--	100	20	N	--	N	--
TK0171C3	N	N	50	300	2,000	--	N	--	150	300	N	--	N	--
TK0172C3	N	N	10	N	20	--	N	--	70	N	N	--	N	--
TK0173C3	N	N	20	150	300	--	N	--	50	150	N	--	N	--
TK0174C3	N	N	500	N	2,000	--	N	--	1,000	50	N	--	N	--
TK0175C3	N	N	150	100	500	--	N	--	500	70	N	--	N	--
TK0176C3	N	N	200	70	500	--	N	--	500	70	N	--	N	--
TK0177C3	N	N	20	300	200	--	N	--	150	300	N	--	N	--
TK0178C3	N	N	100	150	1,000	--	N	--	300	7,000	N	--	N	--
TK0179C3	N	N	20	300	300	--	N	--	200	30	N	--	N	--
TK0180C3	N	N	500	70	5,000	--	N	--	700	30	N	--	N	--
TK0181C3	N	N	150	300	500	--	N	--	200	70	N	--	N	--
TK0182C3	N	N	100	150	500	--	N	--	150	200	<200	--	N	--
TK0183C3	N	N	20	70	200	--	N	--	70	50	N	--	N	--
TK0184C3	N	N	100	150	7,000	--	N	--	200	1,000	500	--	N	--

NONMAGNETIC HEAVY-MINERAL CONCENTRATES

sample	S-V	S-W	S-Y	S-ZN	S-ZR
TK0140C3	--	N	--	500	--
TK0141C3	--	N	--	500	--
TK0142C3	--	N	--	N	--
TK0143C3	--	N	--	500	--
TK0144C3	--	N	--	N	--
TK0145C3	--	N	--	700	--
TK0146C3	--	N	--	N	--
TK0147C3	--	N	--	N	--
TK0148C3	--	N	--	1,000	--
TK0149C3	--	N	--	700	--
TK0150C3	--	N	--	1,500	--
TK0151C3	--	N	--	N	--
TK0152C3	--	N	--	N	--
TK0153C3	--	N	--	N	--
TK0154C3	--	N	--	700	--
TK0155C3	--	N	--	500	--
TK0156C3	--	N	--	N	--
TK0157C3	--	N	--	N	--
TK0158C3	--	N	--	N	--
TK0159C3	--	N	--	700	--
TK0160C3	--	N	--	2,000	--
TK0161C3	--	N	--	2,000	--
TK0162C3	--	N	--	500	--
TK0163C3	--	N	--	N	--
TK0164C3	--	N	--	N	--
TK0165C3	--	N	--	N	--
TK0166C3	--	N	--	1,000	--
TK0167C3	--	N	--	N	--
TK0168C3	--	N	--	N	--
TK0169C3	--	N	--	1,500	--
TK0170C3	--	N	--	N	--
TK0171C3	--	N	--	N	--
TK0172C3	--	N	--	N	--
TK0173C3	--	N	--	N	--
TK0174C3	--	N	--	3,000	--
TK0175C3	--	N	--	2,000	--
TK0176C3	--	N	--	700	--
TK0177C3	--	N	--	N	--
TK0178C3	--	500	--	1,000	--
TK0179C3	--	N	--	1,500	--
TK0180C3	--	N	--	2,000	--
TK0181C3	--	N	--	2,000	--
TK0182C3	--	N	--	N	--
TK0183C3	--	N	--	N	--
TK0184C3	--	N	--	N	--

NONMAGNETIC HEAVY-MINERAL CONCENTRATES

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
TK0186C3	62.7208	152.7383	--	--	--	>1.00	--	1.0	N	--	--	--	N
TK0187C3	62.7453	152.8858	--	--	--	>1.00	--	7.0	N	--	--	--	2
TK0188C3	62.7408	152.8669	--	--	--	>1.00	--	N	N	--	--	--	N
TK0189C3	62.6367	152.8692	--	--	--	.70	--	N	1,000	--	--	--	<2
TK0190C3	62.6864	152.8239	--	--	--	>1.00	--	N	N	--	--	--	<2
TK0191C3	62.6589	152.8750	--	--	--	>1.00	--	N	N	--	--	--	<2
TK0192C3	62.6486	152.8375	--	--	--	>1.00	--	N	1,000	--	--	--	<2
TK0193C3	62.7092	152.7753	--	--	--	>1.00	--	N	N	--	--	--	<2
TK0194C3	62.7033	152.8158	--	--	--	1.00	--	N	N	--	--	--	<2
TK0195C3	62.8317	152.0797	--	--	--	>1.00	--	N	N	--	--	--	<2
TK0196C3	62.7136	152.8311	--	--	--	>1.00	--	N	N	--	--	--	N
TK0197C3	62.8256	152.0886	--	--	--	>1.00	--	N	N	--	--	--	<2
TK0198C3	62.8278	152.0972	--	--	--	.70	--	N	700	--	--	--	70
TK0199C3	62.8083	152.1153	--	--	--	>1.00	--	N	500	--	--	--	<2
TK0200C3	62.8181	152.1158	--	--	--	.50	--	N	N	--	--	--	3
TK0202C3	62.8153	152.1044	--	--	--	>1.00	--	N	N	--	--	--	5
TK0204C3	62.8033	152.1331	--	--	--	1.00	--	N	N	--	--	--	5
TK0206C3	62.8083	152.1392	--	--	--	1.00	--	N	500	--	--	--	5
TK0207C5	62.8047	152.4503	7.0	1.00	10.0	>1.00	300	N	N	N	500	>5,000	7
TK0208C3	62.7783	152.1622	--	--	--	.70	--	N	N	--	--	--	5
TK0210C3	62.7822	152.1786	--	--	--	>1.00	--	N	1,500	--	--	--	5
TK0211C3	62.8047	152.4503	--	--	--	>1.00	--	N	N	--	--	--	2
TK0212C3	62.7703	152.2456	--	--	--	>1.00	--	N	1,000	--	--	--	N
TK0214C3	62.7783	152.2631	--	--	--	>1.00	--	N	1,000	--	--	--	2
TK0216C3	62.7361	152.2697	--	--	--	.50	--	N	N	--	--	--	N
TK0218C3	62.7550	152.2167	--	--	--	>1.00	--	N	1,500	--	--	--	2
TK0219C3	62.9028	152.0822	--	--	--	>1.00	--	N	N	--	--	--	2
TK0220C3	62.7453	152.2686	--	--	--	1.00	--	2.0	2,000	--	--	--	2
TK0221C3	62.8011	152.1614	--	--	--	>1.00	--	N	N	--	--	--	<2
TK0222C3	62.7428	152.3417	--	--	--	>1.00	--	N	500	--	--	--	<2
TK0223C3	62.7975	152.1514	--	--	--	>1.00	--	N	N	--	--	--	N
TK0224C3	62.7353	152.4247	--	--	--	>1.00	--	N	N	--	--	--	2
TK0225C3	62.7878	152.2136	--	--	--	.70	--	N	N	--	--	--	20
TK0226C3	62.6706	152.4008	--	--	--	.70	--	1.0	1,500	--	--	--	N
TK0227C3	62.7817	152.1972	--	--	--	>1.00	--	20.0	5,000	--	--	--	N
TK0228C3	62.6786	152.3119	--	--	--	.70	--	N	N	--	--	--	N
TK0229C3	62.7964	152.2497	--	--	--	1.00	--	N	1,500	--	--	--	7
TK0231C3	62.7453	152.2897	--	--	--	>1.00	--	5.0	1,500	--	--	--	N
TK0232C3	62.6911	152.2886	--	--	--	.50	--	N	N	--	--	--	N
TK0233C3	62.7361	152.2372	--	--	--	.70	--	N	N	--	--	--	N
TK0234C3	62.7133	152.2642	--	--	--	.50	--	N	N	--	--	--	N
TK0236C3	62.6978	152.4153	--	--	--	>1.00	--	2.0	10,000	--	--	--	N
TK0237C3	62.7667	152.3136	--	--	--	.70	--	N	N	--	--	--	N
TK0238C3	62.6403	152.4583	--	--	--	.70	--	N	N	--	--	--	N
TK0239C3	62.6667	152.3586	--	--	--	>1.00	--	N	N	--	--	--	N

NONMAGNETIC HEAVY-MINERAL CONCENTRATES

sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR
TK0186C3	N	N	20	300	10,000	--	N	--	70	20	N	--	N	--
TK0187C3	N	N	100	300	700	--	N	--	150	1,000	700	--	N	--
TK0188C3	N	N	10	150	300	--	N	--	50	20	N	--	N	--
TK0189C3	N	N	1,000	50	1,000	--	N	--	500	150	N	--	N	--
TK0190C3	N	N	20	150	700	--	N	--	70	20	N	--	N	--
TK0191C3	N	N	150	150	500	--	N	--	200	70	N	--	N	--
TK0192C3	N	N	100	150	500	--	N	--	100	70	N	--	N	--
TK0193C3	N	N	20	100	100	--	N	--	70	20	N	--	N	--
TK0194C3	N	N	10	150	100	--	N	--	70	N	N	--	N	--
TK0195C3	N	N	200	70	2,000	--	N	--	300	100	N	--	200	--
TK0196C3	N	N	20	70	300	--	N	--	50	N	N	--	N	--
TK0197C3	N	N	20	300	200	--	N	--	70	20	200	--	N	--
TK0198C3	N	N	<10	100	30	--	N	--	30	N	N	--	N	--
TK0199C3	N	N	200	70	1,000	--	N	--	300	150	N	--	N	--
TK0200C3	N	N	20	N	<10	--	N	--	10	N	N	--	N	--
TK0202C3	N	N	10	150	50	--	N	--	30	N	N	--	N	--
TK0204C3	N	N	20	150	200	--	N	--	70	100	N	--	N	--
TK0206C3	N	N	50	150	30	--	N	--	70	50	N	--	N	--
TK0207C5	N	N	30	150	70	150	N	150	70	50	N	30	N	700
TK0208C3	N	N	<10	200	10	--	N	--	20	N	N	--	N	--
TK0210C3	N	N	30	200	200	--	N	--	150	50	N	--	N	--
TK0211C3	N	N	150	150	1,000	--	N	--	70	200	N	--	N	--
TK0212C3	N	N	20	100	70	--	N	--	50	200	N	--	200	--
TK0214C3	N	N	20	100	150	--	N	--	70	20	N	--	>1,000	--
TK0216C3	N	N	100	N	500	--	N	--	300	30	N	--	N	--
TK0218C3	N	N	20	200	500	--	N	--	100	70	N	--	>1,000	--
TK0219C3	N	N	20	150	150	--	N	--	70	500	N	--	N	--
TK0220C3	N	N	100	100	5,000	--	N	--	300	150	N	--	N	--
TK0221C3	N	N	20	200	150	--	N	--	70	30	N	--	N	--
TK0222C3	N	N	20	70	200	--	N	--	70	30	N	--	N	--
TK0223C3	N	N	50	100	500	--	N	--	150	30	N	--	N	--
TK0224C3	N	N	100	100	500	--	10	--	150	70	N	--	N	--
TK0225C3	N	N	20	200	50	--	N	--	70	N	N	--	N	--
TK0226C3	N	N	100	300	2,000	--	N	--	300	70	N	--	N	--
TK0227C3	N	N	150	N	700	--	N	--	100	70	N	--	N	--
TK0228C3	N	N	10	N	50	--	N	--	50	20	N	--	N	--
TK0229C3	N	N	100	70	300	--	N	--	100	20	N	--	70	--
TK0231C3	N	N	100	70	700	--	N	--	100	500	N	--	N	--
TK0232C3	N	N	100	100	500	--	N	--	200	30	N	--	N	--
TK0233C3	N	N	10	200	30	--	N	--	20	N	N	--	N	--
TK0234C3	N	N	150	300	700	--	N	--	300	30	N	--	N	--
TK0236C3	N	N	100	70	1,000	--	N	--	200	70	N	--	N	--
TK0237C3	N	N	20	300	30	--	N	--	70	20	N	--	30	--
TK0238C3	N	N	20	100	300	--	10	--	100	30	N	--	N	--
TK0239C3	N	N	20	500	700	--	N	--	100	N	N	--	N	--

NONMAGNETIC HEAVY-MINERAL CONCENTRATES

sample	S-V	S-W	S-Y	S-ZN	S-ZR
TK0186C3	--	150	--	N	--
TK0187C3	--	N	--	2,000	--
TK0188C3	--	N	--	N	--
TK0189C3	--	N	--	N	--
TK0190C3	--	N	--	N	--
TK0191C3	--	N	--	500	--
TK0192C3	--	N	--	500	--
TK0193C3	--	N	--	N	--
TK0194C3	--	N	--	N	--
TK0195C3	--	300	--	500	--
TK0196C3	--	N	--	N	--
TK0197C3	--	N	--	N	--
TK0198C3	--	100	--	N	--
TK0199C3	--	N	--	500	--
TK0200C3	--	N	--	N	--
TK0202C3	--	N	--	N	--
TK0204C3	--	100	--	N	--
TK0206C3	--	150	--	N	--
TK0207C5	300	N	150	N	>1,000
TK0208C3	--	N	--	N	--
TK0210C3	--	150	--	500	--
TK0211C3	--	N	--	N	--
TK0212C3	--	N	--	N	--
TK0214C3	--	<100	--	700	--
TK0216C3	--	N	--	700	--
TK0218C3	--	150	--	700	--
TK0219C3	--	N	--	N	--
TK0220C3	--	N	--	1,500	--
TK0221C3	--	<100	--	N	--
TK0222C3	--	N	--	N	--
TK0223C3	--	N	--	N	--
TK0224C3	--	N	--	700	--
TK0225C3	--	N	--	N	--
TK0226C3	--	N	--	N	--
TK0227C3	--	N	--	N	--
TK0228C3	--	N	--	N	--
TK0229C3	--	700	--	500	--
TK0231C3	--	N	--	N	--
TK0232C3	--	N	--	700	--
TK0233C3	--	N	--	N	--
TK0234C3	--	N	--	1,500	--
TK0236C3	--	N	--	N	--
TK0237C3	--	N	--	N	--
TK0238C3	--	N	--	1,000	--
TK0239C3	--	N	--	N	--

NONMAGNETIC HEAVY-MINERAL CONCENTRATES

sample	LATITUDE	LONGITUD	S-FEX	S-MGX	S-CAX	S-TIX	S-MN	S-AG	S-AS	S-CU	S-B	S-BA	S-BE
TK0240C3	62.6366	152.4497	--	--	--	>1.00	--	N	N	--	--	--	N
TK0242C3	62.6578	152.4500	--	--	--	>1.00	--	N	N	--	--	--	<2
TK0242C3	62.6578	152.4500	--	--	--	.70	--	N	N	--	--	--	N
TK0243C3	62.7064	152.3225	--	--	--	>1.00	--	N	N	--	--	--	N
TK0244C3	62.6606	152.4947	--	--	--	1.00	--	N	N	--	--	--	N
TK0246C3	62.9331	152.0339	--	--	--	>1.00	--	N	N	--	--	--	2
TK0247C3	62.6881	152.3814	--	--	--	>1.00	--	N	1,000	--	--	--	<2
TK0248C3	62.8956	152.0744	--	--	--	>1.00	--	1.0	1,500	--	--	--	2
TK0249C3	62.6722	152.4739	--	--	--	>1.00	--	70.0	700	--	--	--	<2
TK0250C3	62.8881	152.0769	--	--	--	>1.00	--	70.0	1,000	--	--	--	N
TK0251C3	62.6522	152.4894	--	--	--	>1.00	--	N	N	--	--	--	N
TK0252C3	62.9081	152.0983	--	--	--	>1.00	--	N	1,000	--	--	--	2
TK0253C3	62.9419	152.0289	--	--	--	>1.00	--	N	N	--	--	--	2
TK0254C3	62.6853	152.4631	--	--	--	1.00	--	N	N	--	--	--	N
TK0255C3	62.9200	152.0686	--	--	--	1.00	--	1.0	1,500	--	--	--	2
TK0256C3	62.6522	152.4647	--	--	--	.50	--	N	N	--	--	--	N
TK0257C3	62.7050	152.4736	--	--	--	.50	--	N	N	--	--	--	N
TK0258C3	62.6675	152.4478	--	--	--	.15	--	N	N	--	--	--	N
TK0259C3	62.6772	152.4703	--	--	--	>1.00	--	N	N	--	--	--	N
TK0260C3	62.8139	152.6333	--	--	--	>1.00	--	N	N	--	--	--	<2
TK0262C3	62.7925	152.7322	--	--	--	>1.00	--	N	N	--	--	--	<2
TK0263C3	62.8258	152.6511	--	--	--	.70	--	1.0	N	--	--	--	N
TK0264C3	62.7897	152.7419	--	--	--	>1.00	--	N	N	--	--	--	N
TK0265C3	62.8131	152.7653	--	--	--	>1.00	--	N	N	--	--	--	N
TK0266C3	62.7739	152.8161	--	--	--	>1.00	--	N	N	--	--	--	N
TK0267C3	62.7758	152.7789	--	--	--	.70	--	N	N	--	--	--	N
TK0268C3	62.7650	152.7969	--	--	--	1.00	--	N	N	--	--	--	2
TK0269C3	62.7628	152.8094	--	--	--	.50	--	N	N	--	--	--	N
TK0270C3	62.7336	152.6781	--	--	--	.15	--	N	N	--	--	--	N
TK0271C3	62.7736	152.8769	--	--	--	>1.00	--	N	N	--	--	--	N
TK0272C3	62.7478	152.5369	--	--	--	.70	--	N	--	--	--	--	<2
TK0273C3	62.7906	152.6275	--	--	--	>1.00	--	N	--	--	--	--	N
TK0274C3	62.6000	152.6181	--	--	--	1.00	--	N	--	--	--	--	<2
TK0275C3	62.6022	152.6750	--	--	--	.70	--	1.0	--	--	--	--	N
TK0276C3	62.6008	152.5722	--	--	--	.50	--	N	--	--	--	--	N
TK0277C3	62.5958	152.6722	--	--	--	.10	--	N	--	--	--	--	N
TK0278C3	62.6189	152.5739	--	--	--	.70	--	N	--	--	--	--	<2
TK0280C3	62.6553	152.6272	--	--	--	.70	--	N	--	--	--	--	N
TK0281C3	62.6306	152.6536	--	--	--	1.00	--	N	--	--	--	--	N
TK0282C3	62.6592	152.6372	--	--	--	1.00	--	N	--	--	--	--	N
TK0283C3	62.6119	152.6108	--	--	--	1.00	--	1.0	--	--	--	--	N
TK0284C3	62.6472	152.6356	--	--	--	.70	--	N	--	--	--	--	N
TK0285C3	62.6539	152.6728	--	--	--	>1.00	--	N	--	--	--	--	N
TK0286C3	62.6333	152.5497	--	--	--	.50	--	N	--	--	--	--	N
TK0287C3	62.6597	152.6731	--	--	--	>1.00	--	N	--	--	--	--	N

NONMAGNETIC HEAVY-MINERAL CONCENTRATES

sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR
TK0240C3	N	N	20	70	500	--	N	--	150	30	N	--	N	--
TK0242C3	N	N	50	70	700	--	N	--	150	150	N	--	N	--
TK0242C3	N	N	50	300	500	--	N	--	200	30	N	--	N	--
TK0243C3	N	N	50	70	500	--	N	--	70	70	N	--	N	--
TK0244C3	N	N	20	1,000	30	--	N	--	70	30	N	--	N	--
TK0246C3	N	N	50	100	300	--	N	--	100	50	N	--	N	--
TK0247C3	70	N	10	70	150	--	N	--	30	N	N	--	150	--
TK0248C3	N	N	150	100	700	--	N	--	150	1,000	N	--	N	--
TK0249C3	N	N	20	300	500	--	N	--	70	1,000	N	--	N	--
TK0250C3	100	N	300	200	7,000	--	N	--	200	5,000	N	--	70	--
TK0251C3	N	N	20	100	700	--	N	--	70	30	N	--	N	--
TK0252C3	N	N	20	150	100	--	N	--	70	30	N	--	100	--
TK0253C3	N	N	20	100	100	--	N	--	150	30	N	--	N	--
TK0254C3	N	N	20	100	50	--	N	--	70	50	N	--	N	--
TK0255C3	N	N	50	50	200	--	N	--	150	700	N	--	N	--
TK0256C3	N	N	10	100	50	--	N	--	30	N	N	--	N	--
TK0257C3	N	N	15	N	150	--	N	--	50	50	N	--	N	--
TK0258C3	N	N	10	N	20	--	N	--	30	N	N	--	N	--
TK0259C3	N	N	15	150	50	--	N	--	70	N	N	--	N	--
TK0260C3	N	N	15	100	150	--	N	--	70	20	N	--	N	--
TK0262C3	N	N	15	100	150	--	N	--	70	20	N	--	N	--
TK0263C3	N	N	15	N	200	--	N	--	30	70	N	--	30	--
TK0264C3	N	N	15	N	100	--	N	--	70	<20	N	--	N	--
TK0265C3	N	N	15	50	100	--	N	--	70	<20	N	--	N	--
TK0266C3	N	N	15	N	70	--	N	--	70	N	N	--	N	--
TK0267C3	N	N	15	50	100	--	N	--	70	200	N	--	N	--
TK0268C3	N	N	15	100	150	--	N	--	100	20	N	--	N	--
TK0269C3	N	N	20	300	700	--	N	--	200	1,000	N	--	N	--
TK0270C3	N	N	10	N	30	--	N	--	70	N	N	--	N	--
TK0271C3	N	N	10	N	200	--	N	--	70	N	N	--	N	--
TK0272C3	N	N	10	N	300	--	N	--	70	20	N	--	N	--
TK0273C3	N	N	10	N	50	--	N	--	20	30	N	--	N	--
TK0274C3	N	N	20	100	200	--	30	--	20	100	N	--	N	--
TK0275C3	N	N	50	100	500	--	N	--	300	50	N	--	N	--
TK0276C3	N	N	20	70	300	--	N	--	150	30	N	--	N	--
TK0277C3	N	N	20	N	300	--	N	--	70	100	N	--	N	--
TK0278C3	N	N	10	300	700	--	N	--	70	N	N	--	N	--
TK0280C3	N	N	100	N	200	--	N	--	70	20	N	--	N	--
TK0281C3	N	N	100	N	1,000	--	N	--	300	70	N	--	N	--
TK0282C3	N	N	10	100	100	--	N	--	30	N	N	--	N	--
TK0283C3	N	N	150	100	500	--	N	--	300	50	N	--	N	--
TK0284C3	N	N	20	N	1,000	--	N	--	200	200	N	--	N	--
TK0285C3	N	N	10	N	150	--	N	--	50	N	N	--	N	--
TK0286C3	N	N	15	150	500	--	N	--	100	N	N	--	N	--
TK0287C3	N	N	20	150	1,000	--	N	--	150	30	N	--	N	--

NONMAGNETIC HEAVY-MINERAL CONCENTRATES

sample	S-V	S-W	S-Y	S-ZN	S-ZR
TK0240C3	--	N	--	700	--
TK0242C3	--	N	--	N	--
TK0242C3	--	N	--	N	--
TK0243C3	--	N	--	N	--
TK0244C3	--	N	--	N	--
TK0246C3	--	N	--	500	--
TK0247C3	--	700	--	N	--
TK0248C3	--	N	--	N	--
TK0249C3	--	N	--	N	--
TK0250C3	--	<100	--	1,000	--
TK0251C3	--	N	--	N	--
TK0252C3	--	N	--	N	--
TK0253C3	--	N	--	N	--
TK0254C3	--	N	--	N	--
TK0255C3	--	N	--	N	--
TK0256C3	--	N	--	N	--
TK0257C3	--	N	--	N	--
TK0258C3	--	N	--	N	--
TK0259C3	--	N	--	N	--
TK0260C3	--	N	--	N	--
TK0262C3	--	N	--	N	--
TK0263C3	--	N	--	N	--
TK0264C3	--	N	--	N	--
TK0265C3	--	N	--	N	--
TK0266C3	--	N	--	N	--
TK0267C3	--	N	--	N	--
TK0268C3	--	N	--	N	--
TK0269C3	--	N	--	1,500	--
TK0270C3	--	N	--	N	--
TK0271C3	--	N	--	N	--
TK0272C3	--	N	--	<500	--
TK0273C3	--	N	--	N	--
TK0274C3	--	N	--	N	--
TK0275C3	--	N	--	3,000	--
TK0276C3	--	N	--	N	--
TK0277C3	--	N	--	1,000	--
TK0278C3	--	N	--	N	--
TK0280C3	--	N	--	N	--
TK0281C3	--	N	--	700	--
TK0282C3	--	N	--	N	--
TK0283C3	--	N	--	700	--
TK0284C3	--	N	--	1,000	--
TK0285C3	--	N	--	N	--
TK0286C3	--	N	--	500	--
TK0287C3	--	N	--	<500	--

NONMAGNETIC HEAVY-MINERAL CONCENTRATES

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
TK0288C3	62.6367	152.5225	--	--	--	.50	--	N	--	--	--	--	N
TK0289C3	62.6461	152.5994	--	--	--	.70	--	N	--	--	--	--	N
TK0290C3	62.6769	152.5794	--	--	--	.70	--	N	--	--	--	--	N
TK0291C3	62.6389	152.6044	--	--	--	1.00	--	N	--	--	--	--	N
TK0292C3	62.6822	152.5733	--	--	--	.70	--	N	--	--	--	--	N
TK0293C3	62.6675	152.5483	--	--	--	.07	--	N	--	--	--	--	N
TK0294C3	62.7211	152.4542	--	--	--	>1.00	--	N	--	--	--	--	<2
TK0295C3	62.6736	152.5336	--	--	--	.50	--	N	N	--	--	--	N
TK0296C3	62.8153	152.1656	--	--	--	.70	--	N	1,000	--	--	--	3
TK0297C3	62.8039	152.2175	--	--	--	.70	--	N	2,000	--	--	--	<2
TK0299C3	62.7089	152.2219	--	--	--	.70	--	N	N	--	--	--	N
TK0302C3	62.7139	152.3933	--	--	--	1.00	--	N	1,000	--	--	--	N
TK0304C3	62.7747	152.4419	--	--	--	.50	--	N	N	--	--	--	<2
TK0305C3	62.7939	152.4636	--	--	--	.70	--	N	N	--	--	--	2
TK0306C3	62.7797	152.4283	--	--	--	.50	--	N	N	--	--	--	<2
TK0307C3	62.7906	152.4683	--	--	--	--	--	N	N	N	--	--	2
TK0309C3	62.7858	152.4672	--	--	--	--	--	N	N	N	--	--	2
TK0310C3	62.7872	152.4297	--	--	--	--	--	N	1,000	N	--	--	2
TK0312C3	62.5233	152.7364	--	--	--	--	--	N	N	N	--	--	2
TK0313C3	62.5347	152.7269	--	--	--	--	--	N	N	N	--	--	<2
TK0314C3	62.6136	152.9300	--	--	--	--	--	N	N	N	--	--	2
TK0315C3	62.5364	152.7158	--	--	--	--	--	N	N	N	--	--	<2
TK0316C3	62.6169	152.9228	--	--	--	--	--	N	N	N	--	--	N
TK0317C3	62.6464	152.9486	--	--	--	--	--	N	N	N	--	--	N
TK0318C3	62.6267	152.9169	--	--	--	--	--	N	N	N	--	--	<2
TK0319C3	62.5939	152.9775	--	--	--	--	--	N	N	N	--	--	<2
TK0320C3	62.6456	152.9003	--	--	--	--	--	N	1,500	N	--	--	2
TK0321C3	62.5994	152.9850	--	--	--	--	--	N	500	N	--	--	<2
TK0322C3	62.6567	152.9653	--	--	--	--	--	N	N	N	--	--	<2
TK0323C3	62.6281	152.9653	--	--	--	--	--	N	2,000	N	--	--	<2
TK0324C3	62.6622	152.9556	--	--	--	--	--	N	N	N	--	--	2
TK0325C3	62.6867	152.9703	--	--	--	--	--	--	--	--	--	--	--
TK0326C3	62.7050	152.9647	--	--	--	--	--	N	N	N	--	--	2
TK0327C3	62.6903	152.9592	--	--	--	--	--	N	N	N	--	--	<2
TK0328C3	62.7164	152.9689	--	--	--	--	--	N	N	N	--	--	2
TK0329C3	62.6736	152.8878	--	--	--	--	--	N	N	N	--	--	<2
TK0330C3	62.9117	151.9436	--	--	--	--	--	1.0	N	N	--	--	2
TK0331C3	62.6981	152.8989	--	--	--	--	--	N	N	N	--	--	<2
TK0332C3	62.9061	151.9611	--	--	--	--	--	N	5,000	N	--	--	2
TK0333C3	62.8681	152.0556	--	--	--	--	--	7.0	10,000	N	--	--	<2
TK0334C3	62.8975	151.9936	--	--	--	--	--	N	N	N	--	--	<2
TK0335C3	62.8828	152.0319	--	--	--	--	--	N	N	N	--	--	<2
TK0336C3	62.9039	152.0111	--	--	--	--	--	5.0	N	N	--	--	N
TK0337C3	62.8892	152.0394	--	--	--	--	--	10.0	N	N	--	--	<2
TK0338C3	62.9158	151.9600	--	--	--	--	--	N	N	N	--	--	2

NONMAGNETIC HEAVY-MINERAL CONCENTRATES

sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR
TK0288C3	N	N	15	50	500	--	N	--	150	<20	N	--	N	--
TK0289C3	N	N	15	50	500	--	N	--	70	30	N	--	N	--
TK0290C3	N	N	200	N	700	--	N	--	300	70	N	--	N	--
TK0291C3	N	N	15	70	700	--	N	--	70	70	N	--	N	--
TK0292C3	N	N	150	100	7,000	--	N	--	300	50	N	--	N	--
TK0293C3	N	N	N	N	50	--	N	--	N	N	N	--	N	--
TK0294C3	N	N	10	100	150	--	N	--	70	<20	N	--	N	--
TK0295C3	N	N	50	50	150	--	N	--	70	70	N	--	N	--
TK0296C3	N	N	<10	N	20	--	N	--	N	N	N	--	N	--
TK0297C3	N	N	10	50	50	--	N	--	50	N	N	--	N	--
TK0299C3	N	N	20	N	500	--	N	--	70	20	N	--	N	--
TK0302C3	N	N	20	N	100	--	N	--	30	20	N	--	N	--
TK0304C3	N	N	15	N	100	--	N	--	50	20	N	--	N	--
TK0305C3	N	N	15	200	150	--	<10	--	50	20	N	--	N	--
TK0306C3	N	N	15	50	50	--	N	--	50	20	N	--	N	--
TK0307C3	N	N	50	200	200	--	15	--	100	100	N	--	N	--
TK0309C3	N	N	100	200	300	--	15	--	200	70	N	--	N	--
TK0310C3	N	N	150	100	200	--	N	--	100	50	N	--	70	--
TK0312C3	N	N	100	150	200	--	15	--	200	30	N	--	N	--
TK0313C3	N	N	20	N	100	--	15	--	150	100	N	--	N	--
TK0314C3	N	N	150	50	200	--	N	--	300	300	N	--	N	--
TK0315C3	N	N	50	100	30	--	N	--	50	30	N	--	N	--
TK0316C3	N	N	200	50	500	--	N	--	300	300	N	--	N	--
TK0317C3	N	N	20	500	50	--	N	--	100	150	N	--	N	--
TK0318C3	N	N	500	N	500	--	N	--	500	150	N	--	N	--
TK0319C3	N	N	200	N	1,000	--	N	--	500	700	N	--	N	--
TK0320C3	N	N	200	100	500	--	N	--	300	70	N	--	N	--
TK0321C3	N	N	200	N	1,000	--	N	--	500	70	N	--	N	--
TK0322C3	N	N	20	500	700	--	N	--	100	100	N	--	N	--
TK0323C3	N	N	50	300	200	--	N	--	200	200	N	--	N	--
TK0324C3	N	N	20	70	50	--	N	--	70	20	N	--	N	--
TK0325C3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TK0326C3	N	N	10	N	150	--	N	--	50	20	N	--	N	--
TK0327C3	N	N	20	70	50	--	N	--	200	20	N	--	N	--
TK0328C3	N	N	10	N	30	--	N	--	50	N	N	--	N	--
TK0329C3	N	N	15	70	200	--	N	--	70	N	N	--	N	--
TK0330C3	N	N	150	100	5,000	--	N	--	300	1,000	N	--	N	--
TK0331C3	N	N	15	70	200	--	N	--	100	20	N	--	N	--
TK0332C3	N	N	100	70	5,000	--	N	--	200	300	N	--	N	--
TK0333C3	N	N	300	50	5,000	--	N	--	500	1,000	700	--	>1,000	--
TK0334C3	N	N	20	100	500	--	N	--	70	<20	N	--	N	--
TK0335C3	N	N	20	70	100	--	N	--	70	<20	N	--	N	--
TK0336C3	N	N	30	N	200	--	N	--	30	500	N	--	N	--
TK0337C3	50	N	150	100	7,000	--	N	--	200	10,000	N	--	N	--
TK0338C3	N	N	50	300	200	--	N	--	500	50	N	--	N	--

NONMAGNETIC HEAVY-MINERAL CONCENTRATES

sample	S-V	S-W	S-Y	S-ZN	S-ZR
TK0288C3	--	N	--	500	--
TK0289C3	--	N	--	500	--
TK0290C3	--	N	--	1,500	--
TK0291C3	--	N	--	500	--
TK0292C3	--	N	--	N	--
TK0293C3	--	N	--	N	--
TK0294C3	--	N	--	N	--
TK0295C3	--	N	--	N	--
TK0296C3	--	N	--	N	--
TK0297C3	--	150	--	<500	--
TK0299C3	--	N	--	700	--
TK0302C3	--	N	--	N	--
TK0304C3	--	N	--	700	--
TK0305C3	--	N	--	<500	--
TK0306C3	--	N	--	N	--
TK0307C3	--	N	--	700	--
TK0309C3	--	N	--	700	--
TK0310C3	--	N	--	N	--
TK0312C3	--	N	--	N	--
TK0313C3	--	N	--	N	--
TK0314C3	--	N	--	N	--
TK0315C3	--	N	--	N	--
TK0316C3	--	N	--	N	--
TK0317C3	--	N	--	N	--
TK0318C3	--	N	--	N	--
TK0319C3	--	N	--	700	--
TK0320C3	--	N	--	1,500	--
TK0321C3	--	N	--	N	--
TK0322C3	--	N	--	N	--
TK0323C3	--	N	--	2,000	--
TK0324C3	--	N	--	500	--
TK0325C3	--	--	--	--	--
TK0326C3	--	N	--	N	--
TK0327C3	--	N	--	N	--
TK0328C3	--	N	--	N	--
TK0329C3	--	N	--	N	--
TK0330C3	--	N	--	N	--
TK0331C3	--	N	--	N	--
TK0332C3	--	N	--	700	--
TK0333C3	--	200	--	2,000	--
TK0334C3	--	N	--	N	--
TK0335C3	--	N	--	N	--
TK0336C3	--	N	--	<500	--
TK0337C3	--	N	--	N	--
TK0338C3	--	100	--	N	--

NONMAGNETIC HEAVY-MINERAL CONCENTRATES

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
TK0339C3	62.8931	152.0308	--	--	--	--	--	7.0	1,000	N	--	--	2
TK0340C3	62.9144	151.8889	--	--	--	--	--	N	N	N	--	--	<2
TK0341C3	62.8903	152.0222	--	--	--	--	--	N	N	N	--	--	<2
TK0342C3	62.8947	151.8925	--	--	--	--	--	N	N	N	--	--	2
TK0343C3	62.9236	151.9350	--	--	--	--	--	N	N	N	--	--	2
TK0345C3	62.9372	151.8792	--	--	--	--	--	N	N	N	--	--	2
TK0350C3	62.5825	152.8583	--	--	--	--	--	N	N	N	--	--	2
TK0352C3	62.5886	152.8481	--	--	--	--	--	N	N	N	--	--	N
TK0353C3	62.8364	152.0172	--	--	--	--	--	N	N	N	--	--	N
TK0354C3	62.5719	152.9128	--	--	--	--	--	N	7,000	N	--	--	N
TK0355C3	62.5989	152.8708	--	--	--	--	--	N	1,000	N	--	--	<2
TK0356C3	62.5219	152.9744	--	--	--	--	--	N	1,500	N	--	--	N
TK0357C3	62.5978	152.8558	--	--	--	--	--	1.0	700	N	--	--	1
TK0358C3	--	--	--	--	--	--	--	.5	700	N	--	--	<1
TK0359C3	62.5811	152.8933	--	--	--	--	--	.5	N	N	--	--	N
TK0360C3	62.5661	152.9297	--	--	--	--	--	N	N	N	--	--	<1
TK0361C3	62.5703	152.8878	--	--	--	--	--	.5	N	N	--	--	<1
TK0362C3	62.5444	152.9272	--	--	--	--	--	N	N	N	--	--	<1
TK0363C3	62.5056	152.9625	--	--	--	--	--	N	200	N	--	--	N
TK0364C3	62.5394	152.8717	--	--	--	.70	--	N	N	--	--	--	N
TK0365C3	62.5025	152.9783	--	--	--	.70	--	N	700	--	--	--	N
TK0366C3	62.5217	152.8956	--	--	--	.50	--	N	N	--	--	--	N
TK0367C3	62.5458	152.9594	--	--	--	.20	--	N	N	--	--	--	<2
TK0368C3	62.5156	152.8817	--	--	--	.70	--	N	N	--	--	--	N
TK0369C3	62.5600	152.9825	--	--	--	.50	--	N	1,000	--	--	--	N
TK0370C3	62.5239	152.7994	--	--	--	>1.00	--	N	N	--	--	--	<2
TK0371C3	62.5514	152.8686	--	--	--	.20	--	N	N	--	--	--	N
TK0372C3	62.5033	152.8108	--	--	--	1.00	--	1.0	N	--	--	--	5
TK0373C3	62.5469	152.8533	--	--	--	.70	--	N	N	--	--	--	N
TK0374C3	62.5642	152.7000	--	--	--	1.00	--	2.0	500	--	--	--	N
TK0375C3	62.5250	152.8253	--	--	--	.20	--	2.0	N	--	--	--	N
TK0376C3	62.5614	152.6864	--	--	--	.50	--	7.0	700	--	--	--	N
TK0377C3	62.5364	152.8011	--	--	--	.50	--	2.0	N	--	--	--	<2
TK0378C3	62.5822	152.7156	--	--	--	1.00	--	1.0	N	--	--	--	N
TK0379C3	62.5181	152.6919	--	--	--	.50	--	5.0	1,000	--	--	--	<2
TK0380C3	62.5686	152.7225	--	--	--	>1.00	--	N	N	--	--	--	N
TK0382C3	62.5711	152.6361	--	--	--	>1.00	--	N	N	--	--	--	N
TK0383C3	62.5833	152.7503	--	--	--	1.00	--	N	N	--	--	--	N
TK0386C3	62.5789	152.5339	--	--	--	.20	--	N	N	--	--	--	N
TK0387C3	62.5592	152.6553	--	--	--	.50	--	N	N	--	--	--	N
TK0388C3	62.5406	152.5644	--	--	--	1.00	--	1.0	700	--	--	--	N
TK0389C3	62.5592	152.6183	--	--	--	.50	--	N	N	--	--	--	N
TK0390C3	62.5306	152.6653	--	--	--	.10	--	N	N	--	--	--	N
TK0391C3	62.5503	152.5478	--	--	--	.20	--	N	N	--	--	--	N
TK0392C3	62.5167	152.5636	--	--	--	.50	--	5.0	2,000	--	--	--	N

NONMAGNETIC HEAVY-MINERAL CONCENTRATES

sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR
TK0339C3	20	N	150	70	5,000	--	N	--	70	7,000	N	--	N	--
TK0340C3	N	N	20	150	200	--	N	--	100	70	N	--	N	--
TK0341C3	N	N	150	100	700	--	N	--	300	50	N	--	N	--
TK0342C3	N	N	30	700	100	--	N	--	100	50	<200	--	N	--
TK0343C3	N	N	150	100	500	--	N	--	150	100	N	--	N	--
TK0345C3	N	N	20	300	500	--	N	--	100	70	N	--	N	--
TK0350C3	N	N	150	100	500	--	N	--	500	70	N	--	N	--
TK0352C3	N	N	150	50	500	--	N	--	500	70	N	--	N	--
TK0353C3	N	N	15	70	500	--	N	--	70	N	N	--	N	--
TK0354C3	N	N	200	150	500	--	N	--	500	150	N	--	N	--
TK0355C3	N	N	150	50	1,000	--	N	--	500	500	N	--	N	--
TK0356C3	N	N	150	100	300	--	N	--	300	150	N	--	N	--
TK0357C3	N	N	200	500	300	--	15	--	500	100	N	--	N	--
TK0358C3	N	N	300	150	500	--	N	--	500	700	N	--	N	--
TK0359C3	N	N	300	100	500	--	N	--	700	70	N	--	N	--
TK0360C3	N	N	70	200	100	--	N	--	100	30	N	--	N	--
TK0361C3	N	N	70	300	200	--	N	--	150	150	N	--	N	--
TK0362C3	N	N	70	300	150	--	N	--	150	50	N	--	N	--
TK0363C3	N	N	150	200	1,000	--	N	--	300	150	N	--	N	--
TK0364C3	N	N	20	70	50	--	15	--	100	20	N	--	N	--
TK0365C3	N	N	200	70	500	--	N	--	300	30	N	--	N	--
TK0366C3	N	N	150	50	200	--	N	--	200	30	N	--	N	--
TK0367C3	N	N	20	70	300	--	N	--	100	30	N	--	N	--
TK0368C3	N	N	200	50	500	--	N	--	300	70	N	--	N	--
TK0369C3	N	N	200	300	300	--	N	--	200	70	N	--	N	--
TK0370C3	N	N	20	200	300	--	N	--	100	30	N	--	N	--
TK0371C3	N	N	150	100	500	--	N	--	150	500	N	--	N	--
TK0372C3	N	N	20	150	500	--	10	--	70	7,000	N	--	500	--
TK0373C3	N	N	150	50	300	--	N	--	200	700	N	--	N	--
TK0374C3	N	N	50	100	200	--	N	--	150	70	N	--	N	--
TK0375C3	N	N	50	100	200	--	15	--	150	50	N	--	N	--
TK0376C3	N	N	100	N	500	--	N	--	300	15,000	N	--	N	--
TK0377C3	N	N	20	50	500	--	N	--	150	30	N	--	N	--
TK0378C3	N	N	100	200	700	--	N	--	300	70	N	--	N	--
TK0379C3	N	N	150	N	500	--	20	--	200	50	N	--	N	--
TK0380C3	N	N	20	150	200	--	N	--	150	50	N	--	N	--
TK0382C3	N	N	100	70	1,000	--	N	--	100	100	N	--	N	--
TK0383C3	N	N	100	500	200	--	10	--	300	30	N	--	N	--
TK0386C3	N	N	10	70	50	--	N	--	50	N	N	--	N	--
TK0387C3	N	N	10	70	30	--	N	--	50	20	N	--	N	--
TK0388C3	N	N	20	150	150	--	N	--	70	500	N	--	N	--
TK0389C3	N	N	20	N	50	--	10	--	70	30	N	--	N	--
TK0390C3	N	N	10	N	30	--	N	--	50	N	N	--	N	--
TK0391C3	N	N	20	N	50	--	15	--	150	20	N	--	N	--
TK0392C3	>1,000	N	150	N	3,000	--	N	--	300	70	N	--	1,000	--

NONMAGNETIC HEAVY-MINERAL CONCENTRATES

sample	S-V	S-W	S-Y	S-ZN	S-ZR
TK0339C3	--	N	--	2,000	--
TK0340C3	--	N	--	N	--
TK0341C3	--	2,000	--	N	--
TK0342C3	--	N	--	500	--
TK0343C3	--	N	--	700	--
TK0345C3	--	N	--	N	--
TK0350C3	--	N	--	2,000	--
TK0352C3	--	N	--	2,000	--
TK0353C3	--	N	--	N	--
TK0354C3	--	N	--	1,000	--
TK0355C3	--	N	--	N	--
TK0356C3	--	N	--	700	--
TK0357C3	--	200	--	500	--
TK0358C3	--	N	--	500	--
TK0359C3	--	N	--	200	--
TK0360C3	--	N	--	1,000	--
TK0361C3	--	N	--	300	--
TK0362C3	--	N	--	200	--
TK0363C3	--	N	--	300	--
TK0364C3	--	N	--	N	--
TK0365C3	--	N	--	1,500	--
TK0366C3	--	N	--	1,500	--
TK0367C3	--	N	--	700	--
TK0368C3	--	N	--	700	--
TK0369C3	--	N	--	N	--
TK0370C3	--	N	--	700	--
TK0371C3	--	N	--	N	--
TK0372C3	--	N	--	N	--
TK0373C3	--	N	--	700	--
TK0374C3	--	N	--	2,000	--
TK0375C3	--	N	--	N	--
TK0376C3	--	N	--	7,000	--
TK0377C3	--	N	--	N	--
TK0378C3	--	N	--	1,500	--
TK0379C3	--	N	--	700	--
TK0380C3	--	N	--	N	--
TK0382C3	--	N	--	7,000	--
TK0383C3	--	N	--	N	--
TK0386C3	--	N	--	N	--
TK0387C3	--	N	--	N	--
TK0388C3	--	N	--	N	--
TK0389C3	--	N	--	N	--
TK0390C3	--	N	--	N	--
TK0391C3	--	N	--	N	--
TK0392C3	--	N	--	700	--

NONMAGNETIC HEAVY-MINERAL CONCENTRATES

sample	LATITUDE	LONGITUD	S-FEX	S-MGX	S-CAX	S-TIX	S-MN	S-AG	S-AS	S-AU	S-B	S-BA	S-BE
TK0393C3	62.5244	152.6144	--	--	--	.50	--	N	N	--	--	--	N
TK0394C3	62.9600	152.0558	--	--	--	>1.00	--	N	N	--	--	--	N
TK0395C3	62.5258	152.5739	--	--	--	.50	--	N	N	--	--	--	N
TK0396C3	62.8167	152.3108	--	--	--	.70	--	N	N	--	--	--	3
TK0397C3	62.5094	152.5303	--	--	--	>1.00	--	N	N	--	--	--	N
TK0398C3	62.7978	152.2928	--	--	--	.70	--	N	1,500	--	--	--	2
TK0399C3	62.7431	152.3908	--	--	--	1.00	--	N	N	--	--	--	<2
TK0400C3	62.7289	152.3631	--	--	--	>1.00	--	5.0	N	--	--	--	N
TK0402C3	62.5842	152.4378	--	--	--	.50	--	N	N	--	--	--	N
TK0403C3	62.5614	152.5061	--	--	--	.50	--	N	N	--	--	--	N
TK0404C3	62.5983	152.4172	--	--	--	1.00	--	N	N	--	--	--	N
TK0405C3	62.5464	152.4858	--	--	--	.70	--	1.0	N	--	--	--	N
TK0407C3	62.5669	152.4706	--	--	--	1.00	--	N	N	--	--	--	N
TK0410C3	62.5386	152.4583	--	--	--	.50	--	N	N	--	--	--	N
TK0415C3	62.5706	152.3458	--	--	--	.15	--	N	N	--	--	--	N
TK0421C3	62.4894	152.5811	--	--	--	--	--	--	--	--	--	--	--
TK0422C3	62.4464	152.3656	--	--	--	>1.00	--	5.0	7,000	--	--	--	N
TK0424C3	62.4378	152.4208	--	--	--	>1.00	--	N	1,500	--	--	--	N
TK0426C3	62.3428	152.4617	--	--	--	>1.00	--	1.0	700	--	--	--	N
TK0428C3	62.3483	152.4633	--	--	--	>1.00	--	7.0	5,000	--	--	--	N
TK0429C3	62.4800	152.4133	--	--	--	>1.00	--	10.0	>10,000	N	--	--	N
TK0430C3	62.3167	152.2811	--	--	--	>1.00	--	N	N	N	--	--	N
TK0431C3	62.3400	152.3539	--	--	--	>1.00	--	N	N	N	--	--	N
TK0432C3	62.3275	152.1406	--	--	--	>1.00	--	N	N	N	--	--	N
TK0433C3	62.3578	152.2431	--	--	--	>1.00	--	N	N	N	--	--	N
TK0434C3	62.3856	152.1714	--	--	--	>1.00	--	N	N	N	--	--	N
TK0435C3	62.4761	152.0933	--	--	--	>1.00	--	10.0	>10,000	30	--	--	N
TK0436C3	62.4044	152.2661	--	--	--	>1.00	--	N	N	N	--	--	<2
TK0437C3	62.4739	152.0736	--	--	--	>1.00	--	70.0	N	70	--	--	N
TK0438C3	62.4111	152.3156	--	--	--	>1.00	--	N	1,000	N	--	--	N
TK0439C3	62.4983	152.0989	--	--	--	>1.00	--	1,500.0	>10,000	>500	--	--	N
TK0440C3	62.4144	152.3806	--	--	--	>1.00	--	5.0	1,500	N	--	--	N
TK0441C3	62.4928	152.1750	--	--	--	1.00	--	N	>10,000	N	--	--	N
TK0443C3	62.4631	152.1608	--	--	--	>1.00	--	N	>10,000	N	--	--	N
TK0445C3	62.4819	152.3053	--	--	--	.70	--	N	N	N	--	--	N
TK0446C3	62.5111	152.4894	--	--	--	>1.00	--	N	N	N	--	--	N
TK0447C3	62.5164	152.4244	--	--	--	.70	--	N	N	N	--	--	<2
TK0448C3	62.5053	152.3392	--	--	--	>1.00	--	N	1,000	N	--	--	<2
TK0449C3	62.5211	152.3728	--	--	--	.20	--	50.0	>10,000	100	--	--	N
TK0450C3	62.3447	152.5636	--	--	--	>1.00	--	7.0	2,000	N	--	--	N
TK0451C3	62.4583	152.4239	--	--	--	>1.00	--	10.0	>10,000	N	--	--	N
TK0452C3	62.3403	152.5536	--	--	--	>1.00	--	7.0	2,000	N	--	--	<2
TK0453C3	62.3353	152.6147	--	--	--	1.00	--	5.0	10,000	N	--	--	<2
TK0454C3	62.3958	152.6158	--	--	--	>1.00	--	20.0	>10,000	--	--	--	20
TK0457C3	62.3639	152.6219	--	--	--	>1.00	--	30.0	700	--	--	--	<2

NONMAGNETIC HEAVY-MINERAL CONCENTRATES

sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR
TK0393C3	N	N	20	100	100	--	N	--	70	30	N	--	N	--
TK0394C3	N	N	20	200	70	--	N	--	70	20	N	--	N	--
TK0395C3	N	N	N	100	20	--	N	--	30	N	N	--	N	--
TK0396C3	N	N	20	150	200	--	N	--	150	20	N	--	N	--
TK0397C3	N	N	20	300	500	--	N	--	100	30	N	--	N	--
TK0398C3	N	N	10	70	300	--	N	--	50	N	N	--	20	--
TK0399C3	N	N	50	100	300	--	N	--	100	30	N	--	N	--
TK0400C3	N	N	200	300	3,000	--	N	--	150	500	N	--	N	--
TK0402C3	N	N	20	70	100	--	N	--	70	20	N	--	N	--
TK0403C3	N	N	30	70	500	--	N	--	70	30	N	--	N	--
TK0404C3	N	N	20	70	700	--	N	--	70	N	N	--	N	--
TK0405C3	N	N	50	300	500	--	15	--	150	70	N	--	N	--
TK0407C3	N	N	20	N	100	--	N	--	30	20	N	--	N	--
TK0410C3	N	N	<10	N	20	--	N	--	10	N	N	--	N	--
TK0415C3	N	N	20	2,000	100	--	N	--	300	N	N	--	N	--
TK0421C3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TK0422C3	N	N	150	150	5,000	--	N	--	300	300	N	--	1,500	--
TK0424C3	N	N	20	300	7,000	--	20	--	150	150	N	--	N	--
TK0426C3	N	N	100	500	500	--	N	--	500	30	N	--	N	--
TK0428C3	N	N	100	100	500	--	N	--	700	200	N	--	30	--
TK0429C3	100	N	200	100	7,000	--	N	--	500	500	N	--	>1,000	--
TK0430C3	N	N	150	100	1,000	--	N	--	200	100	N	--	N	--
TK0431C3	N	N	20	100	150	--	N	--	30	70	N	--	N	--
TK0432C3	N	N	20	200	100	--	N	--	150	N	N	--	N	--
TK0433C3	N	N	20	150	200	--	N	--	70	N	N	--	N	--
TK0434C3	N	N	20	150	300	--	N	--	70	30	N	--	N	--
TK0435C3	N	N	200	150	200	--	N	--	100	70	N	--	N	--
TK0436C3	N	N	20	300	700	--	N	--	100	20	N	--	N	--
TK0437C3	N	N	<10	100	50	--	N	--	20	N	N	--	N	--
TK0438C3	N	N	150	100	2,000	--	N	--	300	100	N	--	N	--
TK0439C3	20	N	150	150	2,000	--	N	--	100	1,000	N	--	N	--
TK0440C3	N	N	200	150	700	--	N	--	300	150	N	--	N	--
TK0441C3	N	N	2,000	500	700	--	N	--	500	30	N	--	N	--
TK0443C3	N	N	500	5,000	700	--	N	--	500	N	N	--	N	--
TK0445C3	N	N	20	5,000	20	--	N	--	100	N	N	--	N	--
TK0446C3	N	N	20	2,000	30	--	N	--	150	N	N	--	N	--
TK0447C3	N	N	20	2,000	20	--	N	--	200	N	N	--	N	--
TK0448C3	N	N	20	500	50	--	N	--	150	N	N	--	N	--
TK0449C3	150	N	150	150	7,000	--	150	--	150	2,000	N	--	N	--
TK0450C3	N	N	200	50	700	--	N	--	70	150	N	--	50	--
TK0451C3	70	N	200	70	5,000	--	N	--	300	200	N	--	>1,000	--
TK0452C3	N	N	150	100	5,000	--	N	--	200	500	N	--	N	--
TK0453C3	N	N	50	200	700	--	N	--	200	700	N	--	N	--
TK0454C3	>1,000	N	>2,000	50	1,000	--	N	--	>5,000	150	N	--	>1,000	--
TK0457C3	N	N	20	200	700	--	N	--	100	20	N	--	N	--

NONMAGNETIC HEAVY-MINERAL CONCENTRATES

sample	S-V	S-W	S-Y	S-ZN	S-ZR
TK0393C3	--	N	--	N	--
TK0394C3	--	N	--	N	--
TK0395C3	--	N	--	N	--
TK0396C3	--	N	--	700	--
TK0397C3	--	N	--	N	--
TK0398C3	--	N	--	N	--
TK0399C3	--	N	--	700	--
TK0400C3	--	N	--	N	--
TK0402C3	--	N	--	N	--
TK0403C3	--	N	--	N	--
TK0404C3	--	N	--	N	--
TK0405C3	--	N	--	500	--
TK0407C3	--	N	--	N	--
TK0410C3	--	N	--	N	--
TK0415C3	--	N	--	N	--
TK0421C3	--	--	--	--	--
TK0422C3	--	150	--	N	--
TK0424C3	--	N	--	500	--
TK0426C3	--	N	--	N	--
TK0428C3	--	1,000	--	N	--
TK0429C3	--	1,000	--	N	--
TK0430C3	--	N	--	N	--
TK0431C3	--	N	--	N	--
TK0432C3	--	300	--	N	--
TK0433C3	--	N	--	N	--
TK0434C3	--	N	--	N	--
TK0435C3	--	700	--	N	--
TK0436C3	--	N	--	N	--
TK0437C3	--	300	--	N	--
TK0438C3	--	N	--	N	--
TK0439C3	--	1,000	--	N	--
TK0440C3	--	100	--	N	--
TK0441C3	--	700	--	N	--
TK0443C3	--	700	--	N	--
TK0445C3	--	N	--	N	--
TK0446C3	--	N	--	N	--
TK0447C3	--	N	--	N	--
TK0448C3	--	N	--	N	--
TK0449C3	--	1,500	--	N	--
TK0450C3	--	300	--	N	--
TK0451C3	--	500	--	N	--
TK0452C3	--	300	--	N	--
TK0453C3	--	300	--	N	--
TK0454C3	--	N	--	N	--
TK0457C3	--	500	--	N	--

NONMAGNETIC HEAVY-MINERAL CONCENTRATES

sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-CU	S-B	S-BA	S-BE
TK0459C3	62.3517	152.6997	--	--	--	1.00	--	N	N	--	--	--	<2
TK0460C3	62.3606	152.7481	--	--	--	>1.00	--	2.0	>10,000	--	--	--	200
TK0461C3	62.3578	152.7136	--	--	--	>1.00	--	2.0	>10,000	--	--	--	7
TK0462C3	62.9117	152.1497	--	--	--	.70	--	7.0	1,500	--	--	--	7
TK0463C3	62.3083	152.7089	--	--	--	1.00	--	N	N	--	--	--	2
TK0464C3	62.9808	151.9358	--	--	--	1.00	--	N	N	--	--	--	2
TK0465C3	62.7364	152.9108	--	--	--	1.00	--	N	N	--	--	--	<2
TK0466C3	62.9658	151.8906	--	--	--	1.00	--	N	N	--	--	--	<2
TK0467C3	62.7172	152.8939	--	--	--	1.00	--	N	N	--	--	--	2
TK0468C3	62.9556	151.8606	--	--	--	>1.00	--	N	N	--	--	--	N
TK0469C3	62.7172	152.8814	--	--	--	>1.00	--	N	N	--	--	--	<2
TK0470C3	62.9669	151.8394	--	--	--	>1.00	--	N	N	--	--	--	<2
TK0471C3	62.7089	152.8586	--	--	--	1.00	--	N	N	--	--	--	<2
TK0472C3	62.9886	151.7456	--	--	--	>1.00	--	N	N	--	--	--	<2
TK0473C3	62.7128	152.8525	--	--	--	1.00	--	N	N	--	--	--	<2
TK0474C3	62.9858	151.7356	--	--	--	.70	--	N	N	--	--	--	2
TK0475C3	62.7178	152.9197	--	--	--	1.00	--	N	N	--	--	--	2
TK0476C3	62.9822	151.7306	--	--	--	>1.00	--	N	N	--	--	--	2
TK0477C3	62.7322	152.9492	--	--	--	>1.00	--	N	N	--	--	--	2
TK0478C3	62.9642	151.7592	--	--	--	1.00	--	N	N	--	--	--	2
TK0479C3	62.7033	152.9217	--	--	--	>1.00	--	N	N	--	--	--	2
TK0480C3	62.0881	152.7703	20.0	2.00	5.0	1.00	1,500	N	N	N	70	>5,000	2
TK0481C3	62.6833	152.9231	--	--	--	.70	--	N	N	--	--	--	<2
TK0482C3	62.0736	152.8364	7.0	3.00	15.0	1.00	1,000	N	N	N	1,000	500	2
TK0483C3	62.6800	152.9292	--	--	--	.70	--	N	N	--	--	--	<2
TK0484C3	62.0908	152.8858	7.0	10.00	20.0	.30	1,500	N	N	N	70	200	2
TK0485C3	62.7386	152.6800	--	--	--	>1.00	--	N	N	--	--	--	2
TK0486C3	62.1172	152.8714	10.0	5.00	10.0	1.00	1,500	N	N	N	300	1,500	2
TK0487C3	62.7369	152.6897	--	--	--	>1.00	--	N	N	--	--	--	2
TK0488C3	62.1258	152.8497	10.0	10.00	10.0	.70	1,500	N	N	N	<20	700	N
TK0489C3	62.7414	152.7222	--	--	--	1.00	--	N	N	--	--	--	2
TK0490C3	62.5119	152.1211	10.0	1.50	20.0	>1.00	1,500	100.0	>10,000	N	300	300	N
TK0491C3	62.7378	152.7344	--	--	--	>1.00	--	N	N	--	--	--	<2
TK0492C3	62.4425	152.0558	10.0	.70	2.0	>1.00	700	5.0	10,000	N	200	300	N
TK0493C3	62.7664	152.7083	--	--	--	>1.00	--	N	N	--	--	--	2
TK0494C3	62.4333	152.2106	7.0	10.00	15.0	1.00	1,000	N	N	N	200	700	2
TK0495C3	62.7606	152.7081	--	--	--	>1.00	--	N	N	--	--	--	2
TK0497C3	62.7817	152.5661	--	--	--	.20	--	N	N	--	--	--	N
TK0498C3	62.1364	152.6994	20.0	1.50	2.0	1.00	5,000	N	N	N	50	700	2
TK0499C3	62.7764	152.5708	--	--	--	1.00	--	N	N	--	--	--	<2
TK0500C3	62.1572	152.7211	7.0	1.50	5.0	>1.00	1,500	N	N	N	70	700	N
TK0501C3	62.1811	152.7136	20.0	1.50	2.0	>1.00	1,500	N	N	N	100	1,000	N
TK0502C3	62.1728	152.6547	10.0	1.50	5.0	>1.00	1,500	N	N	N	150	700	N
TK0503C3	62.1972	152.6728	20.0	1.50	2.0	>1.00	2,000	N	N	N	70	700	<2
TK0504C3	62.2044	152.7217	15.0	10.00	10.0	.50	2,000	N	N	N	100	3,000	2

NONMAGNETIC HEAVY-MINERAL CONCENTRATES

sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR
TK0459C3	N	N	10	200	30	--	N	--	70	N	N	--	N	--
TK0460C3	>1,000	N	>2,000	50	5,000	--	N	--	5,000	150	N	--	N	--
TK0461C3	>1,000	N	>2,000	50	700	--	N	--	500	150	N	--	>1,000	--
TK0462C3	<20	N	20	150	30	--	N	--	50	30	N	--	20	--
TK0463C3	N	N	20	150	150	--	N	--	150	30	N	--	N	--
TK0464C3	N	N	20	100	50	--	N	--	50	N	N	--	N	--
TK0465C3	N	N	10	70	30	--	N	--	50	N	N	--	N	--
TK0466C3	N	N	15	70	30	--	N	--	30	70	N	--	N	--
TK0467C3	N	N	15	100	300	--	N	--	70	<20	N	--	N	--
TK0468C3	N	N	100	N	500	--	N	--	70	N	N	--	N	--
TK0469C3	N	N	20	150	150	--	N	--	50	50	N	--	N	--
TK0470C3	N	N	50	300	200	--	N	--	70	150	N	--	N	--
TK0471C3	N	N	20	70	150	--	N	--	70	30	300	--	N	--
TK0472C3	N	N	50	200	200	--	N	--	200	30	N	--	N	--
TK0473C3	N	N	20	150	150	--	N	--	70	150	N	--	N	--
TK0474C3	N	N	50	100	300	--	N	--	100	30	N	--	N	--
TK0475C3	N	N	20	150	150	--	10	--	70	20	N	--	N	--
TK0476C3	N	N	20	150	100	--	N	--	70	50	N	--	N	--
TK0477C3	N	N	20	200	200	--	10	--	70	N	N	--	N	--
TK0478C3	N	N	20	150	700	--	N	--	100	N	N	--	N	--
TK0479C3	N	N	20	150	500	--	10	--	100	20	N	--	N	--
TK0480C3	N	N	70	700	700	700	N	N	70	150	N	70	50	700
TK0481C3	N	N	10	50	50	--	N	--	70	N	N	--	N	--
TK0482C3	N	N	20	700	100	700	N	N	20	150	N	70	150	200
TK0483C3	N	N	10	50	100	--	N	--	70	<20	N	--	N	--
TK0484C3	N	N	30	5,000	20	100	N	N	30	N	N	70	N	200
TK0485C3	N	N	30	150	70	--	N	--	100	20	N	--	N	--
TK0486C3	N	N	30	2,000	150	150	N	N	30	70	N	70	N	200
TK0487C3	N	N	20	150	30	--	N	--	70	<20	N	--	N	--
TK0488C3	N	N	30	2,000	70	70	N	N	30	70	N	70	N	200
TK0489C3	N	N	10	150	50	--	N	--	50	<20	N	--	N	--
TK0490C3	N	N	1,500	700	3,000	500	70	50	1,500	70	N	50	150	200
TK0491C3	N	N	10	150	100	--	N	--	50	<20	N	--	N	--
TK0492C3	N	N	500	500	1,500	200	N	N	150	100	N	15	N	N
TK0493C3	N	N	10	150	20	--	N	--	30	20	N	--	N	--
TK0494C3	N	N	30	3,000	700	700	N	N	300	20	N	50	70	200
TK0495C3	N	N	10	150	30	--	N	--	30	20	N	--	N	--
TK0497C3	N	N	10	N	50	--	10	--	50	<20	N	--	N	--
TK0498C3	N	N	30	300	300	150	N	N	150	200	N	30	N	300
TK0499C3	N	N	50	150	200	--	N	--	70	20	N	--	N	--
TK0500C3	N	N	30	700	300	300	N	<50	100	70	N	50	N	700
TK0501C3	N	N	70	700	2,000	300	N	70	150	2,000	N	N	100	700
TK0502C3	N	N	30	700	1,000	500	N	50	150	300	N	N	N	700
TK0503C3	N	N	50	700	700	300	N	N	200	50	N	N	N	200
TK0504C3	N	N	30	3,000	200	N	N	50	300	20	N	70	N	200

NONMAGNETIC HEAVY-MINERAL CONCENTRATES

sample	S-V	S-W	S-Y	S-ZN	S-ZR
TK0459C3	--	N	--	N	--
TK0460C3	--	N	--	N	--
TK0461C3	--	N	--	N	--
TK0462C3	--	N	--	500	--
TK0463C3	--	N	--	N	--
TK0464C3	--	N	--	N	--
TK0465C3	--	N	--	500	--
TK0466C3	--	N	--	N	--
TK0467C3	--	N	--	<500	--
TK0468C3	--	N	--	N	--
TK0469C3	--	N	--	N	--
TK0470C3	--	N	--	N	--
TK0471C3	--	N	--	N	--
TK0472C3	--	N	--	1,000	--
TK0473C3	--	N	--	N	--
TK0474C3	--	N	--	700	--
TK0475C3	--	N	--	<500	--
TK0476C3	--	N	--	N	--
TK0477C3	--	N	--	<500	--
TK0478C3	--	N	--	N	--
TK0479C3	--	N	--	<500	--
TK0480C3	200	N	150	500	>1,000
TK0481C3	--	N	--	500	--
TK0482C3	200	100	200	N	>1,000
TK0483C3	--	N	--	500	--
TK0484C3	500	N	100	N	>1,000
TK0485C3	--	N	--	N	--
TK0486C3	300	N	100	N	>1,000
TK0487C3	--	N	--	N	--
TK0488C3	500	N	50	N	500
TK0489C3	--	N	--	500	--
TK0490C3	200	2,000	500	N	>1,000
TK0491C3	--	N	--	<500	--
TK0492C3	150	1,000	150	N	>1,000
TK0493C3	--	N	--	N	--
TK0494C3	500	>10,000	150	N	>1,000
TK0495C3	--	N	--	N	--
TK0497C3	--	300	--	700	--
TK0498C3	200	N	70	500	>1,000
TK0499C3	--	N	--	700	--
TK0500C3	300	N	200	N	>1,000
TK0501C3	300	N	200	N	>1,000
TK0502C3	300	N	200	N	>1,000
TK0503C3	200	N	100	N	>1,000
TK0504C3	700	N	70	N	>1,000

NONMAGNETIC HEAVY-MINERAL CONCENTRATES

sample	LATITUDE	LONGITUD	S-FEX	S-MGX	S-CAX	S-TIX	S-MN	S-AG	S-AS	S-AU	S-B	S-BA	S-BE
TK0505C3	62.2039	152.6169	10.0	7.00	15.0	>1.00	1,500	N	N	N	70	1,000	N
TK0506C3	62.2169	152.6431	10.0	7.00	15.0	>1.00	1,500	5.0	N	N	70	1,000	N
TK0507C3	62.2214	152.6517	20.0	2.00	5.0	>1.00	1,500	N	N	N	100	2,000	N
TK0508C3	62.2258	152.6897	7.0	7.00	15.0	.70	1,500	N	N	N	300	>5,000	N
TK0509C3	62.2436	152.6636	10.0	7.00	10.0	1.00	1,500	N	N	N	30	>5,000	<2
TK0510C3	62.2464	152.6819	15.0	10.00	15.0	.50	1,500	N	N	N	100	1,000	N
TK0511C3	62.1911	152.7833	10.0	7.00	10.0	.50	1,500	N	N	N	200	>5,000	<2
TK0512C3	62.1994	152.8519	7.0	7.00	15.0	.30	1,500	N	1,500	N	100	1,500	<2
TK0513C3	62.2189	152.8419	7.0	3.00	20.0	1.00	1,500	N	3,000	N	1,000	300	N
TK0514C3	62.2217	152.8494	7.0	5.00	20.0	1.00	1,500	7.0	10,000	N	150	3,000	N
TK0515C3	62.2025	152.9314	10.0	1.50	10.0	>1.00	>5,000	N	N	N	30	>5,000	<2
TK0516C3	62.2175	152.8906	15.0	5.00	10.0	.70	2,000	N	N	N	<20	>5,000	N
TK0517C3	62.2297	152.9206	15.0	3.00	5.0	>1.00	3,000	N	N	N	30	>5,000	N
TK0518C3	62.2325	152.9644	20.0	3.00	5.0	>1.00	3,000	N	N	N	30	>5,000	N
TK0519C3	62.2369	152.9575	10.0	5.00	7.0	.50	3,000	N	N	N	<20	>5,000	N
TK0520C3	62.2386	152.8942	15.0	7.00	10.0	.70	1,500	N	N	N	<20	>5,000	N
TK0521C3	62.2497	152.9056	10.0	1.00	2.0	.70	5,000	N	N	N	30	>5,000	2
TK0522C3	62.2600	152.8975	15.0	.70	3.0	.70	>5,000	N	N	N	30	>5,000	2
TK0523C3	62.2667	152.8550	15.0	5.00	5.0	.70	1,500	100.0	N	N	200	>5,000	2
TK0524C3	62.2825	152.8767	15.0	1.50	10.0	1.00	>5,000	N	N	N	70	>5,000	2
TK0525C3	62.3072	152.8092	15.0	1.50	5.0	1.50	2,000	7.0	N	N	30	>5,000	N
TK0526C3	62.3061	152.8250	5.0	.50	2.0	1.00	2,000	N	N	N	30	>5,000	N
TK0527C3	62.3264	152.8444	15.0	1.50	10.0	>1.00	3,000	N	N	N	70	>5,000	N
TK0528C3	62.2944	152.7831	10.0	10.00	15.0	.50	2,000	N	N	N	30	3,000	2
TK0529C3	62.3000	152.7564	20.0	7.00	15.0	.70	1,000	N	3,000	N	70	>5,000	2
TK0530C3	62.2936	152.6778	10.0	10.00	20.0	.50	1,500	N	N	N	200	1,500	2
TK0531C3	62.2631	152.6142	10.0	1.00	1.5	1.50	1,500	N	N	N	70	>5,000	2
TK0532C3	62.2586	152.7094	20.0	10.00	15.0	.50	1,500	15.0	N	N	300	3,000	2
TK0533C3	62.3364	152.7789	15.0	1.50	2.0	.50	>5,000	N	1,000	N	30	>5,000	<2
TK0535C3	62.3367	152.7628	10.0	5.00	5.0	1.50	2,000	N	N	N	50	>5,000	2
TK0536C3	62.3228	152.7636	7.0	1.00	5.0	.70	5,000	N	1,000	N	30	>5,000	<2
TK0537C3	62.3256	152.9264	10.0	1.00	7.0	.50	>5,000	N	N	N	70	>5,000	2
TK0538C3	62.3242	152.9717	10.0	1.50	5.0	.50	2,000	N	N	N	70	>5,000	2
TK0539C3	62.3869	152.9589	15.0	3.00	7.0	.70	2,000	7.0	1,500	N	70	>5,000	<2
TK0540C3	62.3458	152.9625	10.0	5.00	10.0	>1.00	1,500	N	N	N	50	2,000	N
TK0541C3	62.3992	152.9853	20.0	2.00	5.0	.50	700	N	1,000	N	50	1,500	N
TK0542C3	62.4200	152.9383	10.0	5.00	10.0	1.00	1,500	N	N	N	30	1,000	N
TK0543C3	62.1356	152.6156	10.0	3.00	2.0	.70	3,000	N	N	N	150	1,500	N
TK0544C3	62.1383	152.6303	10.0	1.00	1.0	>1.00	2,000	N	N	N	70	>5,000	N
TK0545C3	62.1064	152.6386	7.0	5.00	3.0	>1.00	2,000	N	N	N	200	1,000	N
TK0546C3	62.0564	152.5736	10.0	1.00	1.5	1.00	3,000	2.0	500	N	50	3,000	N
TK0547C3	62.0533	152.4972	10.0	2.00	5.0	>1.00	3,000	N	N	N	50	1,500	N
TK0548C3	62.0306	152.4444	15.0	5.00	15.0	>1.00	3,000	N	N	N	150	1,500	N
TK0549C3	62.0433	152.2483	20.0	2.00	1.5	.70	3,000	N	3,000	N	70	700	N
TK0550C3	62.0492	152.2558	10.0	2.00	2.0	.70	1,500	N	3,000	N	70	700	N

NONMAGNETIC HEAVY-MINERAL CONCENTRATES

sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR
TK0505C3	N	N	30	3,000	1,000	200	N	50	100	1,500	N	70	N	300
TK0506C3	N	N	30	3,000	700	300	N	<50	100	2,000	N	70	N	500
TK0507C3	N	N	30	700	1,000	200	N	N	150	100	N	N	N	700
TK0508C3	N	N	30	3,000	100	>1,000	N	N	300	50	N	70	N	200
TK0509C3	N	N	30	2,000	1,500	70	N	N	150	30	N	70	N	700
TK0510C3	N	N	50	3,000	300	1,000	N	N	500	100	N	70	N	200
TK0511C3	N	N	30	3,000	100	50	N	N	200	20	N	70	N	700
TK0512C3	N	N	30	3,000	200	700	N	N	300	70	N	50	N	200
TK0513C3	N	N	50	1,000	300	>1,000	N	N	200	200	N	N	N	200
TK0514C3	N	N	200	1,500	1,500	>1,000	N	N	300	100	N	50	N	200
TK0515C3	N	N	30	700	200	300	N	N	150	1,000	N	N	N	700
TK0516C3	N	N	30	1,500	100	100	N	N	150	50	N	50	N	200
TK0517C3	N	N	30	1,000	1,000	100	N	N	150	50	N	50	N	700
TK0518C3	N	N	30	1,000	500	100	N	N	200	300	N	50	N	700
TK0519C3	N	N	30	1,500	1,000	150	N	N	70	150	N	50	N	1,000
TK0520C3	N	N	30	2,000	70	70	N	N	50	20	N	70	N	700
TK0521C3	N	N	30	200	200	150	N	N	150	50	N	N	N	1,000
TK0522C3	N	N	30	200	300	100	N	N	150	70	N	N	N	1,000
TK0523C3	N	N	30	1,500	200	100	N	N	300	70	N	N	N	500
TK0524C3	N	N	30	700	200	200	N	N	200	70	N	20	N	2,000
TK0525C3	N	N	150	700	700	150	N	50	300	1,500	N	20	N	1,500
TK0526C3	N	N	20	300	700	70	N	N	100	1,000	N	20	N	3,000
TK0527C3	N	N	30	1,000	500	300	N	50	200	300	N	50	N	1,000
TK0528C3	N	N	30	5,000	500	70	N	N	500	20	N	70	N	200
TK0529C3	N	N	30	3,000	500	70	N	N	700	700	N	70	N	300
TK0530C3	N	N	30	3,000	100	500	N	N	500	100	N	100	N	200
TK0531C3	N	N	30	700	700	150	N	N	150	100	N	20	N	700
TK0532C3	N	N	50	3,000	500	150	N	N	700	70	N	70	N	200
TK0533C3	N	N	30	700	500	100	N	N	150	1,000	N	20	N	2,000
TK0535C3	N	N	30	1,500	200	150	N	<50	200	100	N	20	N	700
TK0536C3	N	N	30	700	1,500	70	N	N	150	700	N	20	N	2,000
TK0537C3	N	N	30	200	300	70	N	N	150	1,000	N	20	N	1,000
TK0538C3	N	N	30	700	200	50	N	N	200	150	N	20	N	1,500
TK0539C3	N	N	30	1,000	700	700	N	N	200	2,000	N	50	N	700
TK0540C3	N	N	70	500	70	N	N	N	70	20	N	70	N	700
TK0541C3	N	N	150	150	300	500	N	N	150	70	N	30	N	1,000
TK0542C3	N	N	100	500	150	100	N	N	50	30	N	30	N	700
TK0543C3	N	N	70	500	150	100	N	N	70	20	N	30	N	N
TK0544C3	N	N	50	200	500	100	N	N	100	300	N	30	N	300
TK0545C3	N	N	30	200	50	100	N	N	30	20	N	30	N	300
TK0546C3	N	N	70	100	300	N	N	N	100	500	N	30	N	500
TK0547C3	N	N	70	300	150	150	N	<50	70	20	N	30	N	500
TK0548C3	N	N	30	500	150	200	N	50	50	50	N	30	N	700
TK0549C3	N	N	70	150	700	100	N	N	100	20	N	30	N	N
TK0550C3	N	N	50	150	200	50	N	N	50	N	N	30	N	200

NONMAGNETIC HEAVY-MINERAL CONCENTRATES

sample	S-V	S-W	S-Y	S-ZN	S-ZR
TK0505C3	700	N	150	N	>1,000
TK0506C3	700	N	150	N	>1,000
TK0507C3	300	N	150	N	>1,000
TK0508C3	500	100	300	N	>1,000
TK0509C3	700	N	50	N	1,000
TK0510C3	500	200	100	N	>1,000
TK0511C3	500	N	70	N	>1,000
TK0512C3	500	<100	150	N	>1,000
TK0513C3	200	150	700	N	>1,000
TK0514C3	300	200	700	N	>1,000
TK0515C3	200	N	300	N	>1,000
TK0516C3	500	N	70	N	300
TK0517C3	500	N	150	N	>1,000
TK0518C3	500	N	150	500	>1,000
TK0519C3	300	N	70	700	500
TK0520C3	500	N	50	N	700
TK0521C3	200	N	150	N	1,000
TK0522C3	200	N	150	N	>1,000
TK0523C3	300	N	100	N	>1,000
TK0524C3	200	N	300	N	>1,000
TK0525C3	150	N	200	1,000	1,000
TK0526C3	100	N	100	N	>1,000
TK0527C3	300	N	300	N	>1,000
TK0528C3	700	N	100	N	>1,000
TK0529C3	500	150	70	N	>1,000
TK0530C3	700	N	150	N	>1,000
TK0531C3	200	N	100	N	>1,000
TK0532C3	500	100	100	N	>1,000
TK0533C3	150	N	150	N	700
TK0535C3	300	N	150	N	>1,000
TK0536C3	150	N	200	N	1,000
TK0537C3	150	N	150	700	700
TK0538C3	300	100	150	700	700
TK0539C3	500	N	150	700	700
TK0540C3	500	N	50	500	500
TK0541C3	150	N	50	N	200
TK0542C3	500	N	50	1,000	700
TK0543C3	300	<100	50	N	>1,000
TK0544C3	200	N	50	500	>1,000
TK0545C3	200	<100	50	N	>1,000
TK0546C3	200	N	30	700	>1,000
TK0547C3	200	200	100	N	>1,000
TK0548C3	500	N	150	N	>1,000
TK0549C3	300	1,000	70	N	>1,000
TK0550C3	150	100	70	N	>1,000

NONMAGNETIC HEAVY-MINERAL CONCENTRATES

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
TK0551C3	62.0686	152.2164	10.0	5.00	15.0	1.00	2,000	N	N	N	30	300	N
TK0552C3	62.0708	152.2419	2.0	2.00	15.0	.70	1,500	N	N	N	30	300	N
TK0553C3	62.0839	152.2761	15.0	2.00	1.0	.50	2,000	15.0	N	50	100	1,500	2
TK0554C3	62.0947	152.2897	5.0	3.00	5.0	.50	1,500	N	N	N	70	700	N
TK0555C3	62.0917	152.3236	5.0	1.50	1.5	>1.00	1,500	N	500	N	200	2,000	N
TK0556C3	62.0875	152.3831	7.0	2.00	2.0	1.00	1,500	N	N	N	70	1,500	N
TK0557C3	62.0778	152.4228	7.0	5.00	5.0	>1.00	1,500	N	N	N	<20	300	N
TK0558C3	62.0967	152.4719	7.0	2.00	2.0	1.00	2,000	N	N	N	30	1,500	N
TK0560C3	62.1161	152.4106	5.0	2.00	5.0	.50	2,000	N	500	N	30	700	N
TK0561C3	62.1478	152.4675	7.0	5.00	7.0	>1.00	2,000	300.0	N	>500	70	1,500	N
TK0562C3	62.4247	152.9081	2.0	.50	5.0	>1.00	700	N	700	N	200	500	N
TK0563C3	62.4344	152.9256	20.0	5.00	15.0	1.00	700	N	N	N	200	3,000	<2
TK0564C3	62.4567	152.9094	15.0	5.00	10.0	.50	300	N	N	N	70	1,000	N
TK0565C3	62.4928	152.9864	2.0	2.00	20.0	.20	500	N	N	N	<20	1,500	N
TK0566C3	62.4619	152.8728	7.0	2.00	2.0	1.00	2,000	N	700	N	300	1,500	2
TK0567C3	62.4819	152.8653	7.0	2.00	15.0	.70	1,000	N	N	N	200	3,000	2
TK0568C3	62.4844	152.8419	7.0	7.00	10.0	1.00	2,000	N	N	N	150	500	N
TK0569C3	62.4633	152.8200	5.0	2.00	10.0	>1.00	3,000	10.0	>10,000	<20	1,500	300	N
TK0570C3	62.4503	152.7972	5.0	1.00	5.0	.50	1,500	30.0	1,000	20	2,000	150	N
TK0571C3	62.4506	152.8933	7.0	2.00	.5	.70	5,000	N	N	N	100	1,500	2
TK0572C3	62.3953	152.8661	5.0	2.00	.5	.70	1,000	N	N	N	300	1,500	2
TK0573C3	62.3908	152.8708	5.0	2.00	1.0	1.00	1,500	N	N	N	70	>5,000	2
TK0574C3	62.3700	152.9250	5.0	2.00	.5	.70	1,500	N	N	N	100	1,500	2
TK0575C3	62.3089	152.5733	7.0	1.50	.5	.70	2,000	N	N	N	70	2,000	2
TK0576C3	62.3133	152.6039	5.0	10.00	10.0	.50	1,500	N	N	N	30	700	2
TK0577C3	62.3242	152.5897	7.0	7.00	5.0	.50	3,000	N	N	N	50	1,500	N
TK0578C3	62.3833	152.5883	5.0	3.00	1.5	1.00	2,000	N	N	N	150	3,000	2
TK0579C3	62.2661	152.5339	7.0	2.00	.2	.70	1,500	N	N	N	70	5,000	N
TK0580C3	62.2975	152.4811	10.0	1.00	.5	>1.00	300	2.0	5,000	N	50	>5,000	N
TK0581C3	62.2511	152.4258	20.0	1.00	1.0	>1.00	300	2.0	1,500	N	100	>5,000	N
TK0582C3	62.1756	152.5086	5.0	2.00	2.0	>1.00	1,500	N	N	N	70	3,000	N
TK0583C3	62.4369	152.0569	5.0	1.50	.2	.50	700	N	N	N	700	1,000	N
TK0584C3	62.4567	152.0744	5.0	1.50	5.0	>1.00	700	N	N	N	70	700	N
TK0585C3	62.4772	152.1586	7.0	3.00	5.0	>1.00	2,000	N	N	N	700	1,000	N
TK0587C3	62.4689	152.2408	7.0	2.00	5.0	>1.00	1,500	N	N	N	150	700	N
TK0588C3	62.4836	152.2436	5.0	10.00	15.0	.70	2,000	N	N	N	30	150	N
TK0589C3	62.5108	152.1964	5.0	10.00	15.0	.20	2,000	N	N	N	30	200	N
TK0589C3	62.5108	152.1964	7.0	15.00	20.0	.70	2,000	N	N	N	50	200	N
TK0590C3	62.4903	152.2622	3.0	5.00	5.0	.20	1,000	N	N	N	30	200	N
TK0591C3	62.5167	152.2469	5.0	7.00	10.0	.50	1,500	10.0	7,000	70	50	300	N
TK0592C3	62.3547	152.0419	3.0	2.00	1.0	>1.00	700	N	N	N	70	1,000	N
TK0593C3	62.3892	152.1161	7.0	3.00	5.0	>1.00	1,500	N	N	N	70	700	N
TK0594C3	62.3856	152.2855	7.0	1.00	.2	.50	2,000	N	N	N	70	1,500	<2
TK0595C3	62.3926	152.3333	7.0	1.00	.5	>1.00	2,000	N	N	N	70	2,000	<2
TK0596C3	62.4019	152.3900	20.0	.50	.5	1.00	1,000	7.0	2,000	N	50	3,000	N

NONMAGNETIC HEAVY-MINERAL CONCENTRATES

sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR
TK0551C3	N	N	30	200	15	200	N	N	20	N	N	30	N	500
TK0552C3	N	N	10	200	15	200	N	N	10	N	N	30	N	700
TK0553C3	500	N	30	150	300	N	N	N	150	30	N	30	N	N
TK0554C3	N	N	10	200	20	100	N	N	10	N	N	30	N	N
TK0555C3	N	N	30	150	1,500	70	N	N	50	N	N	30	N	N
TK0556C3	N	N	30	200	700	50	N	N	50	70	N	30	N	200
TK0557C3	N	N	30	200	50	150	N	50	20	N	N	30	N	1,000
TK0558C3	N	N	20	200	70	50	N	N	50	N	N	30	N	200
TK0560C3	N	N	20	200	1,000	1,000	N	<50	50	N	N	30	N	200
TK0561C3	N	N	20	1,500	300	100	N	<50	70	N	200	30	N	N
TK0562C3	N	N	50	50	70	>1,000	N	500	70	70	N	70	N	1,000
TK0563C3	N	N	70	150	1,000	150	N	N	150	50	N	10	N	700
TK0564C3	N	N	50	50	300	N	N	N	70	30	N	N	N	1,500
TK0565C3	N	N	10	30	20	N	N	N	20	N	N	N	N	2,000
TK0566C3	N	N	30	200	50	500	N	50	150	30	N	30	50	5,000
TK0567C3	N	N	50	200	100	500	N	N	150	70	N	20	N	700
TK0568C3	N	N	50	500	150	N	N	N	300	N	N	50	N	500
TK0569C3	N	N	50	100	2,000	>1,000	50	200	70	100	N	>100	>1,000	1,000
TK0570C3	N	N	70	50	150	>1,000	N	70	N	100	N	>100	1,000	1,000
TK0571C3	N	N	50	200	100	70	N	N	150	20	N	20	N	500
TK0572C3	N	N	50	200	30	70	N	N	70	20	N	20	N	500
TK0573C3	N	N	50	150	150	70	N	N	150	20	N	20	N	200
TK0574C3	N	N	50	200	70	50	N	N	150	20	N	20	N	N
TK0575C3	N	N	20	150	70	70	N	N	100	20	N	20	N	N
TK0576C3	N	N	70	3,000	100	N	N	N	700	20	N	70	N	200
TK0577C3	N	N	50	2,000	70	N	N	N	300	20	N	30	N	N
TK0578C3	N	N	30	500	30	50	N	N	150	20	N	20	N	500
TK0579C3	N	N	30	200	70	200	N	N	70	20	N	20	N	N
TK0580C3	N	N	70	150	500	200	N	N	150	30	N	20	N	200
TK0581C3	N	N	150	200	500	>1,000	N	<50	300	70	N	20	N	500
TK0582C3	N	N	70	300	100	200	N	N	70	30	N	20	N	500
TK0583C3	N	N	20	100	20	N	N	N	70	N	N	15	N	N
TK0584C3	N	N	30	300	500	100	N	N	50	20	N	20	N	700
TK0585C3	N	N	50	1,000	2,000	500	N	N	100	50	N	50	N	200
TK0587C3	N	N	70	500	2,000	>1,000	N	N	150	70	N	50	N	200
TK0588C3	N	N	70	3,000	70	1,000	N	N	200	N	N	70	N	200
TK0589C3	N	N	50	2,000	15	N	N	N	200	N	N	50	N	200
TK0589C3	N	N	50	5,000	10	50	N	N	200	N	N	70	N	200
TK0590C3	N	N	20	1,500	30	N	N	N	150	N	N	50	N	N
TK0591C3	N	N	70	2,000	100	50	N	N	500	70	N	70	N	500
TK0592C3	N	N	20	500	200	>1,000	N	N	70	N	N	50	N	500
TK0593C3	N	N	30	500	50	500	N	50	100	N	N	50	N	500
TK0594C3	N	N	20	100	70	200	N	N	100	N	N	20	N	N
TK0595C3	N	N	70	200	700	150	N	50	150	70	N	30	N	N
TK0596C3	N	N	150	100	500	N	N	N	300	300	N	20	N	N

NONMAGNETIC HEAVY-MINERAL CONCENTRATES

sample	S-V	S-W	S-Y	S-ZN	S-ZR
TK0551C3	200	N	150	N	>1,000
TK0552C3	100	N	150	N	>1,000
TK0553C3	200	N	30	500	200
TK0554C3	150	100	70	N	>1,000
TK0555C3	150	1,500	70	N	>1,000
TK0556C3	200	N	50	N	>1,000
TK0557C3	200	N	70	N	300
TK0558C3	200	N	20	N	>1,000
TK0560C3	200	150	70	N	>1,000
TK0561C3	200	N	100	N	>1,000
TK0562C3	70	N	>2,000	N	>1,000
TK0563C3	500	N	50	N	700
TK0564C3	100	N	N	N	70
TK0565C3	50	N	N	N	50
TK0566C3	1,500	700	150	N	>1,000
TK0567C3	150	N	100	N	>1,000
TK0568C3	200	N	50	N	150
TK0569C3	100	1,000	>2,000	N	>1,000
TK0570C3	100	300	>2,000	N	>1,000
TK0571C3	200	N	50	N	150
TK0572C3	200	N	30	N	500
TK0573C3	150	N	30	N	>1,000
TK0574C3	300	N	30	N	150
TK0575C3	200	<100	30	N	500
TK0576C3	300	N	70	N	>1,000
TK0577C3	300	N	30	N	150
TK0578C3	200	N	50	N	300
TK0579C3	200	N	20	N	300
TK0580C3	150	N	70	500	>1,000
TK0581C3	200	N	500	N	>1,000
TK0582C3	150	N	70	N	>1,000
TK0583C3	150	100	20	N	200
TK0584C3	150	N	150	N	>1,000
TK0585C3	300	300	150	N	>1,000
TK0587C3	200	N	500	N	>1,000
TK0588C3	300	N	150	N	>1,000
TK0589C3	200	N	20	N	>1,000
TK0589C3	500	100	70	N	>1,000
TK0590C3	200	N	20	N	1,000
TK0591C3	500	200	70	N	>1,000
TK0592C3	150	N	150	N	>1,000
TK0593C3	200	N	150	N	>1,000
TK0594C3	200	N	20	<500	500
TK0595C3	200	N	100	N	1,000
TK0596C3	100	100	30	N	500

NONMAGNETIC HEAVY-MINERAL CONCENTRATES

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
TK0597C3	62.4053	152.3989	10.0	2.00	1.0	>1.00	3,000	N	N	N	70	2,000	5
TK0601C3	62.4781	152.4872	2.0	.50	10.0	>1.00	3,000	20.0	7,000	<20	>2,000	200	50
TK0602C3	62.2853	152.9806	5.0	.70	2.0	.50	>5,000	N	N	N	50	>5,000	2
TK0604C3	62.5283	152.7972	10.0	2.00	5.0	1.00	1,000	N	N	N	200	>5,000	2
TK0607C3	62.4864	152.3533	5.0	10.00	15.0	.50	2,000	N	N	N	30	700	2
TK0608C3	62.4425	152.1344	7.0	10.00	10.0	.70	3,000	N	N	N	50	700	2
TK0612C3	62.2231	152.4067	10.0	5.00	5.0	>1.00	3,000	N	N	N	200	700	N
TK0613C3	62.2089	152.3806	7.0	2.00	15.0	>1.00	2,000	N	N	N	70	1,000	N
TK0614C3	62.1936	152.3522	2.0	1.50	2.0	.30	1,000	N	N	N	50	200	N
TK0615C3	62.1544	152.3242	7.0	7.00	5.0	.70	2,000	N	N	N	20	700	<2
TK0616C3	62.1583	152.3644	1.0	.50	.5	.20	500	N	N	N	70	200	N
TK0617C3	62.1800	152.3633	5.0	5.00	3.0	.30	1,500	N	N	N	50	200	N
TK0618C3	62.1742	152.3917	2.0	1.00	.7	.30	1,000	N	N	N	50	300	N
TK0619C3	62.1731	152.4269	7.0	3.00	5.0	1.00	3,000	N	N	N	500	700	<2
TK0620C3	62.2347	152.2839	10.0	1.00	1.5	>1.00	1,500	N	N	N	100	1,500	N
TK0621C3	62.2847	152.2789	7.0	1.00	2.0	>1.00	2,000	N	N	N	150	1,500	2
TK0623C3	62.2767	152.3681	7.0	1.00	1.0	>1.00	1,000	N	N	N	150	3,000	2
TK0624C3	62.2842	152.3608	10.0	1.00	2.0	>1.00	2,000	N	N	N	200	3,000	2
TK0625C3	62.2994	152.4128	10.0	2.00	.5	>1.00	2,000	N	N	N	150	5,000	2
TK0626C3	62.3069	152.4081	10.0	1.00	.2	.70	2,000	N	N	N	100	2,000	<2
TK0627C3	62.2494	152.2378	7.0	2.00	5.0	>1.00	1,000	N	N	N	30	700	N
TK0628C3	62.2086	152.2161	10.0	2.00	5.0	>1.00	2,000	N	N	N	150	1,500	N
TK0629C3	62.1836	152.1728	10.0	.70	1.0	.70	1,500	N	N	N	50	1,000	N
TK0630C3	62.1919	152.1961	10.0	2.00	5.0	>1.00	2,000	N	N	N	150	1,000	N
TK0631C3	62.1419	152.2569	10.0	2.00	10.0	>1.00	2,000	N	N	N	70	700	N
TK0632C3	62.1431	152.2958	1.5	1.00	1.0	.20	500	N	N	N	<20	100	N
TK0633C3	62.2228	152.2433	10.0	1.00	5.0	>1.00	2,000	N	N	N	100	1,500	2
TK0634C3	62.1756	152.1458	15.0	.50	.5	>1.00	2,000	N	N	N	100	1,500	2
TK0635C3	62.1169	152.2928	2.0	2.00	2.0	.20	1,000	N	N	N	30	200	N
TK0636C3	62.1250	152.1944	10.0	.50	2.0	>1.00	2,000	N	N	N	70	1,500	2
TK0637C3	62.1381	152.1281	10.0	.70	2.0	1.00	1,000	N	N	N	70	1,000	N
TK0638C3	62.1169	152.1325	10.0	.70	1.5	>1.00	1,500	N	N	N	70	1,500	N
TK0639C3	62.1392	152.0356	20.0	2.00	2.0	>1.00	>5,000	N	N	N	70	5,000	2
TK0640C3	62.0811	152.0150	5.0	1.00	5.0	>1.00	1,000	N	N	N	200	500	N
TK0641C3	62.0606	152.0403	10.0	2.00	5.0	.70	1,500	N	N	N	50	1,500	N
TK0642C3	62.0519	152.0558	5.0	5.00	10.0	.30	2,000	N	N	N	<20	>5,000	N
TK0643C3	62.0486	152.0969	10.0	1.00	5.0	.70	2,000	N	N	N	50	700	N
TK0644C3	62.0497	152.1175	10.0	3.00	5.0	1.00	2,000	N	N	N	50	1,000	N
TK0645C3	62.0628	152.1156	5.0	1.50	10.0	>1.00	1,500	N	N	N	300	700	N
TK0646C3	62.0764	152.1606	5.0	1.00	--	1.00	1,500	N	N	N	50	1,000	N
TK0647C3	62.1194	152.7875	5.0	2.00	--	>1.00	2,000	N	N	N	100	1,500	N
TK0648C3	62.1464	152.8592	5.0	7.00	10.0	.50	1,500	N	N	N	150	2,000	2
TK0648C3	62.1464	152.8592	3.0	1.00	--	.10	200	N	N	N	<20	N	N
TK0649C3	62.1492	152.8739	5.0	7.00	7.0	.50	1,500	N	N	N	30	N	N
TK0651C3	62.1047	152.9678	7.0	7.00	--	.70	2,000	N	N	N	500	3,000	5

NONMAGNETIC HEAVY-MINERAL CONCENTRATES

sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR
TK0597C3	N	N	50	200	100	200	N	70	150	20	N	50	N	N
TK0601C3	500	N	100	20	1,000	>1,000	N	200	100	300	N	100	>1,000	N
TK0602C3	N	N	70	100	150	150	N	N	150	20	N	30	30	1,500
TK0604C3	N	N	70	100	300	50	N	N	150	50	N	30	N	1,000
TK0607C3	N	N	70	3,000	50	N	N	N	500	N	N	70	N	N
TK0608C3	N	N	50	3,000	100	50	N	N	200	20	N	70	N	500
TK0612C3	N	N	70	500	300	500	N	70	150	20	N	70	N	500
TK0613C3	N	N	70	500	200	300	N	70	150	50	N	70	N	700
TK0614C3	N	N	20	300	20	100	N	N	50	N	N	20	N	N
TK0615C3	N	N	50	500	50	300	N	N	100	N	N	70	N	700
TK0616C3	N	N	20	200	10	N	N	N	30	N	N	10	N	N
TK0617C3	N	N	20	300	30	200	N	N	50	N	N	50	N	N
TK0618C3	N	N	20	200	50	50	N	N	30	N	N	20	N	N
TK0619C3	N	N	70	500	3,000	700	N	N	150	N	N	70	N	300
TK0620C3	N	N	70	300	500	>1,000	N	50	200	20	N	70	N	200
TK0621C3	N	N	70	300	200	>1,000	N	50	200	50	N	70	N	200
TK0623C3	N	N	50	300	300	1,000	N	70	150	50	N	70	N	200
TK0624C3	N	N	70	500	200	>1,000	N	70	200	50	N	70	N	--
TK0625C3	N	N	100	300	500	>1,000	N	N	200	30	N	50	N	--
TK0626C3	N	N	70	150	200	500	N	N	200	50	N	20	N	--
TK0627C3	N	N	50	700	70	>1,000	N	N	50	<20	N	70	N	--
TK0628C3	N	N	70	500	200	500	N	<50	70	50	N	50	N	--
TK0629C3	N	N	70	200	200	>1,000	N	N	200	50	N	30	N	--
TK0630C3	N	N	100	500	300	>1,000	N	N	200	50	N	70	N	--
TK0631C3	N	N	50	300	1,000	1,000	N	N	50	<20	N	70	N	--
TK0632C3	N	N	10	200	10	70	N	N	15	N	N	<10	N	--
TK0633C3	N	N	70	300	300	300	N	50	150	1,000	N	50	N	--
TK0634C3	N	N	70	150	200	>1,000	N	N	200	50	N	50	N	--
TK0635C3	N	N	10	200	30	N	N	N	N	N	N	15	N	--
TK0636C3	N	N	50	150	300	>1,000	N	50	150	50	N	50	N	--
TK0637C3	N	N	30	150	200	500	N	N	100	20	N	50	N	--
TK0638C3	N	N	70	300	300	300	N	N	100	30	N	50	N	--
TK0639C3	N	N	70	500	700	150	N	N	150	50	N	50	N	--
TK0640C3	N	N	50	300	200	500	N	50	50	50	N	50	20	--
TK0641C3	N	N	150	300	2,000	>1,000	N	N	150	300	N	50	N	--
TK0642C3	N	N	20	1,000	300	N	N	N	70	N	N	50	N	--
TK0643C3	N	N	50	200	100	150	N	N	70	20	N	50	N	--
TK0644C3	N	N	70	500	1,000	300	N	N	100	30	N	50	N	--
TK0645C3	N	N	20	300	100	300	N	70	50	N	N	50	N	--
TK0646C3	N	N	20	200	50	200	N	N	70	N	N	30	N	500
TK0647C3	N	N	30	500	70	200	N	50	70	20	N	30	N	700
TK0648C3	N	N	50	3,000	30	70	N	N	200	N	N	100	N	500
TK0648C3	N	N	N	300	<10	N	N	N	10	N	N	10	N	N
TK0649C3	N	N	50	3,000	15	N	N	N	200	N	N	70	N	N
TK0651C3	N	N	70	3,000	300	70	N	N	200	20	N	70	N	200

NONMAGNETIC HEAVY-MINERAL CONCENTRATES

sample	S-V	S-W	S-Y	S-ZN	S-ZR
TK0597C3	300	N	150	500	500
TK0601C3	50	100	1,500	N	>1,000
TK0602C3	150	N	100	N	>1,000
TK0604C3	200	1,000	50	700	1,000
TK0607C3	500	N	50	N	>1,000
TK0608C3	300	N	50	N	>1,000
TK0612C3	200	N	150	N	>1,000
TK0613C3	200	N	200	N	>1,000
TK0614C3	150	N	50	N	>1,000
TK0615C3	200	N	70	N	1,000
TK0616C3	150	N	N	N	>1,000
TK0617C3	150	N	50	N	1,000
TK0618C3	150	<100	30	N	>1,000
TK0619C3	300	500	150	N	>1,000
TK0620C3	200	N	500	N	>1,000
TK0621C3	200	N	200	700	>1,000
TK0623C3	200	N	150	N	>1,000
TK0624C3	500	N	300	N	>1,000
TK0625C3	500	N	150	N	>1,000
TK0626C3	200	N	70	500	500
TK0627C3	500	N	200	N	>1,000
TK0628C3	500	N	150	N	>1,000
TK0629C3	200	N	150	500	>1,000
TK0630C3	500	N	200	N	>1,000
TK0631C3	300	N	150	N	>1,000
TK0632C3	150	N	N	N	>1,000
TK0633C3	200	N	100	N	>1,000
TK0634C3	200	N	100	500	1,000
TK0635C3	100	N	20	N	>1,000
TK0636C3	200	N	150	N	>1,000
TK0637C3	150	N	100	N	>1,000
TK0638C3	150	N	70	N	>1,000
TK0639C3	300	150	70	500	>1,000
TK0640C3	200	N	150	N	>1,000
TK0641C3	150	N	150	700	>1,000
TK0642C3	150	100	50	N	>1,000
TK0643C3	150	N	70	N	>1,000
TK0644C3	300	100	100	N	>1,000
TK0645C3	200	200	150	N	>1,000
TK0646C3	150	N	150	N	>1,000
TK0647C3	200	N	150	N	>1,000
TK0648C3	500	N	100	N	>1,000
TK0648C3	70	N	N	N	50
TK0649C3	500	N	50	N	>1,000
TK0651C3	500	N	70	N	>1,000

NONMAGNETIC HEAVY-MINERAL CONCENTRATES

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
TK0652C3	62.0950	152.9747	7.0	10.00	--	.70	2,000	N	N	N	70	5,000	5
TK0653C3	62.0856	152.9353	15.0	2.00	--	1.00	2,000	N	3,000	N	2,000	>5,000	5
TK0654C3	62.0519	152.9433	10.0	5.00	--	>1.00	2,000	N	1,500	N	2,000	700	N
TK0655C3	62.0489	152.9567	5.0	5.00	--	.50	1,000	N	N	N	>2,000	100	N
TK0656C3	62.0350	152.9911	10.0	5.00	--	.50	1,500	N	7,000	N	1,000	700	N
TK0657C3	62.0197	152.4078	10.0	2.00	--	>1.00	5,000	N	>10,000	N	70	1,000	N
TK0658C3	62.0022	152.3358	15.0	.50	--	.50	1,000	15.0	N	N	20	2,000	N
TK0659C3	62.0108	152.2644	5.0	2.00	--	>1.00	2,000	N	N	N	20	500	N
TK0660C3	62.0008	152.1819	7.0	5.00	--	>1.00	3,000	N	N	N	200	500	N
TK0661C3	62.0008	152.0889	7.0	2.00	--	.70	2,000	N	N	N	500	3,000	N
TK0662C3	62.0811	152.0150	7.0	1.00	--	>1.00	2,000	N	5,000	N	100	>5,000	N
TK0663C3	62.1506	152.0053	10.0	1.00	--	>1.00	1,500	50.0	N	70	70	1,500	N
TK0664C3	62.1833	151.9622	7.0	.50	--	>1.00	1,000	N	N	N	70	700	N
TK0665C3	62.1931	151.9403	10.0	.50	--	1.00	1,000	N	N	N	200	1,500	N
TK0666C3	62.2158	152.0125	5.0	1.00	--	>1.00	1,000	N	N	N	150	700	N
TK0667C3	62.2039	152.0381	15.0	.50	--	.70	2,000	N	N	N	70	1,500	N
TK0668C3	62.2158	152.0722	10.0	.70	--	>1.00	2,000	N	N	N	200	700	N
TK0669C3	62.2119	152.1150	20.0	.70	--	>1.00	5,000	N	N	N	100	1,500	N
TK0670C3	62.2228	152.1433	7.0	5.00	--	>1.00	2,000	N	N	N	30	700	N
TK0671C3	62.2400	152.1303	15.0	.50	2.0	>1.00	2,000	2.0	N	N	100	1,000	N
TK0672C3	62.2400	152.1692	15.0	2.00	7.0	>1.00	2,000	N	N	N	150	1,000	N
TK0673C3	62.2536	152.1892	10.0	2.00	5.0	>1.00	1,000	N	N	N	50	700	N
TK0674C3	62.2633	152.2003	5.0	1.00	7.0	>1.00	1,000	N	N	N	100	1,000	N
TK0675C3	62.2733	152.2067	15.0	1.50	5.0	>1.00	5,000	15.0	N	N	150	1,500	N
TK0676C3	62.0453	152.7903	10.0	7.00	10.0	.70	>5,000	N	7,000	N	200	700	N
TK0677C3	62.0500	152.7797	15.0	5.00	5.0	>1.00	5,000	N	N	N	500	700	N
TK0678C3	62.0564	152.7242	3.0	5.00	10.0	.70	2,000	N	700	N	100	1,000	N
TK0679C3	62.0242	152.6864	10.0	10.00	10.0	1.00	5,000	N	N	N	<20	300	N
TK0680C3	62.0022	152.7558	5.0	5.00	15.0	>1.00	1,500	N	N	N	30	>5,000	N
TK0681C3	62.0114	152.8131	7.0	5.00	15.0	>1.00	3,000	N	N	N	70	700	N
TK0682C3	62.0083	152.8578	5.0	3.00	5.0	.50	1,500	5.0	>10,000	N	70	200	N
TK0683C3	62.0136	152.8519	5.0	3.00	5.0	1.00	1,500	N	3,000	N	2,000	300	N
TK0684C3	62.0300	152.8661	5.0	2.00	5.0	1.00	1,000	N	700	N	>2,000	300	5
TK0685C3	62.0083	152.8989	5.0	5.00	10.0	.70	1,500	N	3,000	N	300	200	N
TK0686C3	62.0081	152.5575	10.0	10.00	10.0	.70	3,000	N	N	N	300	200	N
TK0687C3	62.2031	152.7875	7.0	10.00	10.0	.70	1,500	N	N	N	1,000	200	N
TK0688C3	62.2417	152.8222	7.0	2.00	15.0	1.00	1,000	15.0	>10,000	N	700	150	N
TK0689C3	62.2268	152.7675	5.0	10.00	15.0	.50	1,500	N	N	N	300	200	N
TK0690C3	62.2358	152.7256	7.0	10.00	15.0	.50	2,000	N	1,500	N	500	150	N
TK0691C3	62.2250	152.5383	10.0	2.00	2.0	>1.00	1,500	N	N	N	200	1,500	N
TK0692C3	62.1544	152.5419	7.0	1.00	3.0	>1.00	2,000	N	N	N	200	1,500	N
TK0693C3	62.0981	152.5836	10.0	1.50	5.0	>1.00	2,000	N	7,000	N	100	1,500	N
TK0694C3	62.1325	152.4792	20.0	2.00	5.0	>1.00	5,000	20.0	>10,000	30	700	700	N
TK0696C3	62.0556	152.4536	5.0	3.00	10.0	>1.00	1,500	N	N	N	<20	300	N
TK0697C3	62.0569	152.4028	5.0	3.00	15.0	>1.00	3,000	N	N	N	30	500	N

NONMAGNETIC HEAVY-MINERAL CONCENTRATES

sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR
TK0652C3	N	N	70	5,000	200	N	N	N	300	N	N	100	N	200
TK0653C3	N	N	70	500	500	200	N	N	150	100	N	50	N	200
TK0654C3	N	N	70	500	150	700	N	50	100	N	N	70	70	500
TK0655C3	N	N	20	1,500	50	700	N	N	100	N	N	50	50	200
TK0656C3	N	N	150	1,000	70	300	N	N	300	N	N	70	N	N
TK0657C3	N	N	70	300	150	200	N	50	100	30	N	70	N	700
TK0658C3	N	N	150	100	2,000	100	15	N	150	1,000	N	20	N	N
TK0659C3	N	N	20	200	150	500	N	50	50	50	N	30	N	700
TK0660C3	N	N	30	500	150	700	N	50	70	N	N	50	N	700
TK0661C3	N	N	30	500	200	100	N	N	100	20	N	50	N	500
TK0662C3	N	N	50	200	500	150	N	N	70	20	N	30	N	500
TK0663C3	N	N	50	300	500	>1,000	N	N	150	30	N	70	>1,000	700
TK0664C3	N	N	30	150	150	>1,000	N	N	70	20	N	70	700	500
TK0665C3	N	N	30	150	100	700	N	N	100	20	N	30	N	200
TK0666C3	N	N	30	300	0,000	>1,000	N	N	100	N	N	>100	N	1,000
TK0667C3	N	N	70	150	300	>1,000	N	N	150	30	N	30	N	500
TK0668C3	N	N	70	300	300	>1,000	N	70	150	20	N	>100	N	700
TK0669C3	N	N	70	150	300	>1,000	N	N	200	50	N	70	N	500
TK0670C3	N	N	70	1,000	150	300	N	N	70	20	N	70	N	200
TK0671C3	N	N	70	200	500	>1,000	N	50	150	50	N	70	N	700
TK0672C3	N	N	100	700	300	300	N	70	150	70	N	70	N	700
TK0673C3	N	N	50	500	1,000	>1,000	N	N	100	20	N	70	N	300
TK0674C3	N	N	30	300	500	>1,000	N	50	70	N	N	30	N	700
TK0675C3	N	N	100	300	7,000	>1,000	N	50	150	100	N	50	N	1,000
TK0676C3	N	N	100	700	100	300	N	N	70	300	N	70	N	500
TK0677C3	N	N	70	700	200	500	N	N	150	30	N	70	N	500
TK0678C3	N	N	30	300	30	300	N	N	70	N	N	30	300	700
TK0679C3	N	N	70	300	30	100	N	N	70	N	N	70	N	500
TK0680C3	N	N	30	700	70	300	N	50	70	N	N	70	N	700
TK0681C3	N	N	50	500	300	300	N	50	100	30	N	70	N	700
TK0682C3	150	N	300	500	300	>1,000	15	N	300	30	N	30	N	N
TK0683C3	N	N	70	300	200	700	N	N	30	300	200	30	150	200
TK0684C3	N	N	15	300	300	300	N	N	10	100	N	30	150	200
TK0685C3	N	N	20	1,000	150	300	N	N	70	50	N	30	N	N
TK0686C3	N	N	70	500	70	150	N	N	70	N	N	70	N	200
TK0687C3	N	N	50	5,000	70	300	N	N	200	30	N	70	N	N
TK0688C3	N	N	700	700	7,000	700	N	N	700	200	N	50	N	200
TK0689C3	N	N	70	5,000	30	300	N	N	200	N	N	100	N	N
TK0690C3	N	N	50	5,000	200	300	N	N	300	N	N	70	N	N
TK0691C3	N	N	30	700	500	300	N	70	50	300	N	70	N	700
TK0692C3	N	N	50	300	1,000	300	N	70	70	300	N	30	N	700
TK0693C3	30	N	150	300	1,000	300	N	150	150	20	N	30	20	700
TK0694C3	70	N	300	500	1,000	1,000	N	70	300	70	<200	30	N	200
TK0696C3	N	N	20	200	100	300	N	150	10	N	N	30	N	700
TK0697C3	N	N	15	300	50	700	N	150	10	N	N	30	N	700

NONMAGNETIC HEAVY-MINERAL CONCENTRATES

sample	S-V	S-W	S-Y	S-ZN	S-ZR
TK0652C3	500	200	70	1,000	>1,000
TK0653C3	300	N	100	N	>1,000
TK0654C3	300	<100	200	N	>1,000
TK0655C3	150	N	200	N	>1,000
TK0656C3	200	100	150	N	>1,000
TK0657C3	200	200	150	N	>1,000
TK0658C3	150	300	70	N	>1,000
TK0659C3	200	700	200	N	>1,000
TK0660C3	300	700	500	N	>1,000
TK0661C3	200	N	100	N	>1,000
TK0662C3	150	N	50	1,000	>1,000
TK0663C3	150	N	200	700	>1,000
TK0664C3	150	N	500	N	>1,000
TK0665C3	150	N	200	N	>1,000
TK0666C3	200	N	700	N	>1,000
TK0667C3	200	N	300	700	1,000
TK0668C3	200	N	700	N	>1,000
TK0669C3	300	N	200	N	>1,000
TK0670C3	700	N	70	N	>1,000
TK0671C3	150	N	300	N	>1,000
TK0672C3	500	N	150	N	>1,000
TK0673C3	300	N	150	N	>1,000
TK0674C3	200	N	700	N	>1,000
TK0675C3	300	N	500	N	--
TK0676C3	500	N	150	N	--
TK0677C3	300	N	150	N	--
TK0678C3	150	N	150	N	--
TK0679C3	300	N	500	N	--
TK0680C3	200	N	150	N	--
TK0581C3	200	N	150	N	--
TK0682C3	150	1,000	300	N	--
TK0683C3	150	N	200	N	--
TK0684C3	150	N	150	N	--
TK0685C3	200	N	150	N	--
TK0686C3	300	N	100	N	--
TK0687C3	500	N	150	N	--
TK0688C3	150	200	700	N	--
TK0689C3	500	150	150	N	--
TK0690C3	300	100	100	N	--
TK0691C3	200	N	300	N	--
TK0692C3	200	N	200	N	--
TK0693C3	200	300	150	N	--
TK0694C3	200	2,000	200	N	--
TK0696C3	300	<100	150	N	--
TK0697C3	300	700	300	N	--

NONMAGNETIC HEAVY-MINERAL CONCENTRATES

sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-CU	S-B	S-BA	S-BE
TK0698C3	62.3511	152.4389	10.0	3.00	2.0	>1.00	>5,000	N	N	N	200	1,500	2
TK0699C3	62.3342	152.3697	15.0	1.00	1.5	>1.00	2,000	5.0	1,500	N	150	>5,000	N
TK0700C3	62.3503	152.3494	20.0	5.00	1.5	>1.00	3,000	N	N	N	100	1,500	2
TK0701C3	62.3239	152.3161	15.0	5.00	.5	>1.00	1,500	N	N	N	100	1,500	2
TK0702C3	62.3456	152.2850	20.0	2.00	.5	>1.00	2,000	N	N	N	100	2,000	2
TK0703C3	62.3297	152.2467	20.0	2.00	.7	>1.00	1,500	7.0	700	N	100	3,000	N
TK0704C3	62.3017	152.1261	20.0	2.00	2.0	>1.00	1,000	N	N	N	100	1,000	N
TK0705C3	62.2956	152.1175	20.0	1.00	1.0	>1.00	2,000	N	N	N	100	700	N
TK0706C3	62.3569	152.1897	7.0	2.00	20.0	>1.00	1,500	N	N	N	70	300	N
TK0707C3	62.3494	152.1331	15.0	1.50	1.5	>1.00	2,000	N	N	N	100	1,000	N
TK0708C3	62.2908	152.0611	10.0	1.00	5.0	>1.00	1,000	N	N	N	70	1,000	N
TK0709C3	62.2731	152.0058	5.0	1.50	20.0	>1.00	1,500	N	N	N	500	300	N
TK0710C3	62.2672	151.8689	7.0	2.00	10.0	>1.00	1,000	N	N	N	200	700	N
TK0711C3	62.2464	151.9675	5.0	1.00	20.0	>1.00	1,000	N	N	N	100	500	N
TK0712C3	62.2422	151.8772	20.0	1.00	10.0	>1.00	700	50.0	N	100	300	1,000	N
TK0713C3	62.1956	151.8425	5.0	1.50	20.0	>1.00	1,000	N	N	N	100	500	N
TK0714C3	62.1542	151.7522	5.0	2.00	10.0	>1.00	700	50.0	N	100	150	300	N
TK0716C3	62.5333	151.6478	10.0	.50	1.0	>1.00	1,500	7.0	N	N	150	700	N
TK0717C3	62.5692	151.6614	10.0	.70	.2	>1.00	1,500	N	N	N	70	700	N
TK0718C3	62.5794	151.6714	20.0	1.50	1.5	>1.00	2,000	5.0	N	N	150	3,000	N
TK0719C3	62.5842	151.6567	10.0	1.00	1.0	>1.00	2,000	N	N	N	100	1,000	N
TK0720C3	62.5633	151.7453	20.0	1.00	2.0	>1.00	3,000	5.0	N	N	70	1,500	N
TK0721C3	62.5589	151.7736	5.0	3.00	5.0	>1.00	1,500	5.0	N	N	300	700	N
TK0722C3	62.5511	151.8414	5.0	.70	2.0	>1.00	700	70.0	N	150	70	700	N
TK0723C3	62.5322	151.8275	7.0	.70	3.0	>1.00	1,500	N	N	N	100	700	N
TK0724C3	62.5278	151.6922	7.0	.50	2.0	>1.00	1,500	N	N	N	200	700	N
TK0725C3	62.5336	151.7008	10.0	.70	2.0	>1.00	2,000	N	N	N	500	1,500	N
TK0726C3	62.5172	151.5900	10.0	.70	5.0	>1.00	5,000	N	N	N	100	1,000	N
TK0727C3	62.5217	151.5972	10.0	.50	1.0	>1.00	2,000	N	N	N	100	1,500	N
TK0728C3	62.8831	150.3786	7.0	.05	2.0	1.00	500	5.0	10,000	N	<20	200	N
TK0729C3	62.7958	150.5036	10.0	1.00	2.0	>1.00	1,000	N	7,000	N	70	700	N
TK0731C3	62.6722	151.0792	2.0	1.00	10.0	.70	5,000	N	500	N	>2,000	50	10
TK0732C3	62.5436	151.3892	7.0	1.50	5.0	.50	3,000	N	N	N	>2,000	100	N
TK0735C3	62.6225	152.0706	5.0	10.00	15.0	.20	1,000	N	500	N	50	>5,000	N
TK0741C3	62.6675	152.0456	5.0	5.00	10.0	.20	2,000	N	N	N	<20	>5,000	N
TK0745C3	62.4081	151.7736	5.0	1.00	5.0	1.00	700	N	N	N	70	1,500	N
TK0746C3	62.4747	151.8061	10.0	.50	2.0	>1.00	1,500	N	N	N	100	1,000	N
TK0747C3	62.5269	151.9742	5.0	1.70	10.0	>1.00	1,000	15.0	>10,000	N	>2,000	700	N
TK0748C3	62.5617	151.9931	5.0	5.00	15.0	>1.00	1,500	5.0	>10,000	N	200	1,000	N
TK0749C3	62.5444	152.0336	10.0	2.00	10.0	>1.00	2,000	2.0	>10,000	N	200	1,500	N
TK0750C3	62.5797	152.0256	20.0	1.00	2.0	1.00	3,000	N	5,000	N	150	>5,000	N
TK0751C3	62.5786	152.0575	5.0	2.00	5.0	.50	1,000	70.0	>10,000	200	300	700	N
TK0752C3	62.5800	152.1019	5.0	2.00	20.0	>1.00	1,500	N	5,000	N	300	500	N
TK0753C3	62.6186	152.0694	5.0	.50	20.0	.20	300	N	N	N	<20	>5,000	N
TK0754C3	62.6219	152.0706	5.0	10.00	20.0	.50	1,500	N	500	N	<20	>5,000	N

NONMAGNETIC HEAVY-MINERAL CONCENTRATES

sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR
TK0698C3	N	N	30	700	200	300	N	70	150	30	N	70	N	500
TK0699C3	N	N	200	150	500	300	N	50	300	300	N	30	N	500
TK0700C3	N	N	30	700	200	300	N	<50	200	70	N	50	N	200
TK0701C3	N	N	30	700	200	>1,000	N	<50	200	70	N	30	N	N
TK0702C3	N	N	50	700	200	700	N	<50	300	70	N	30	N	300
TK0703C3	N	N	200	700	700	>1,000	N	<50	300	500	N	30	N	700
TK0704C3	N	N	30	700	500	>1,000	N	<50	300	70	N	>100	N	300
TK0705C3	N	N	30	300	300	>1,000	N	<50	200	200	N	30	N	300
TK0706C3	N	N	20	1,000	50	1,000	N	50	50	30	N	30	70	700
TK0707C3	N	N	30	500	500	700	N	50	150	150	N	30	N	200
TK0708C3	N	N	30	700	1,500	>1,000	N	<50	100	70	N	>100	N	700
TK0709C3	N	N	30	500	70	>1,000	N	<50	70	N	N	>100	N	700
TK0710C3	N	N	30	1,000	100	>1,000	N	<50	70	70	N	50	30	700
TK0711C3	N	N	30	1,500	100	>1,000	N	<50	70	70	N	100	N	700
TK0712C3	N	N	30	700	700	700	N	<50	150	100	N	50	300	700
TK0713C3	N	N	20	700	50	>1,000	N	<50	70	20	N	70	N	700
TK0714C3	1,000	N	20	700	100	>1,000	N	N	70	20	N	70	700	200
TK0716C3	N	N	30	300	500	>1,000	N	50	150	150	N	70	N	200
TK0717C3	N	N	30	300	200	100	N	70	150	100	N	50	N	200
TK0718C3	N	N	30	700	300	>1,000	N	70	300	200	N	50	N	200
TK0719C3	N	N	30	500	500	500	N	50	150	100	N	50	N	200
TK0720C3	N	N	30	700	200	>1,000	N	70	150	70	N	70	N	500
TK0721C3	N	N	70	700	300	>1,000	N	150	150	20	N	>100	N	700
TK0722C3	N	N	30	500	200	>1,000	N	N	50	N	N	>100	N	700
TK0723C3	N	N	70	500	200	N	N	50	150	30	N	>100	N	700
TK0724C3	N	N	70	300	200	N	N	100	150	20	N	>100	N	700
TK0725C3	N	N	70	300	300	N	N	70	150	70	N	>100	N	500
TK0726C3	N	N	70	300	300	N	N	70	100	70	N	>100	N	700
TK0727C3	N	N	50	150	200	1,000	N	70	100	70	N	30	N	500
TK0728C3	N	N	300	20	N	>1,000	50	N	700	70	N	>100	N	1,000
TK0729C3	N	N	70	200	500	700	N	N	150	50	N	70	N	200
TK0731C3	N	N	70	20	100	700	N	N	50	N	N	30	300	N
TK0732C3	N	N	20	50	100	>1,000	N	N	20	N	N	70	N	N
TK0735C3	N	N	50	5,000	70	N	N	N	300	N	N	30	N	200
TK0741C3	N	N	20	1,500	50	N	N	N	50	N	N	30	N	700
TK0745C3	N	N	30	150	100	>1,000	N	N	100	20	N	>100	N	1,000
TK0746C3	N	N	50	200	200	300	N	N	150	20	N	50	N	200
TK0747C3	150	N	150	150	700	300	N	N	200	20	N	30	N	500
TK0748C3	50	N	150	1,000	1,000	200	N	70	200	50	N	30	N	200
TK0749C3	20	N	200	500	500	300	N	100	200	300	N	30	N	500
TK0750C3	N	N	150	150	500	150	N	N	300	200	N	20	N	200
TK0751C3	N	N	200	300	1,000	70	N	N	200	70	N	30	N	200
TK0752C3	N	N	150	500	300	500	N	70	150	20	N	30	70	500
TK0753C3	N	N	20	100	100	150	10	N	50	N	N	N	N	3,000
TK0754C3	N	N	70	>5,000	100	N	N	N	300	N	N	50	N	700

NONMAGNETIC HEAVY-MINERAL CONCENTRATES

sample	S-V	S-W	S-Y	S-ZN	S-ZR
TK0698C3	200	N	200	N	--
TK0699C3	200	N	150	500	>1,000
TK0700C3	200	N	150	N	>1,000
TK0701C3	200	N	150	N	>1,000
TK0702C3	200	N	150	N	>1,000
TK0703C3	200	N	200	N	>1,000
TK0704C3	200	N	500	N	>1,000
TK0705C3	150	N	300	N	>1,000
TK0706C3	150	N	300	N	>1,000
TK0707C3	150	N	150	N	>1,000
TK0708C3	150	N	500	N	>1,000
TK0709C3	150	N	500	N	>1,000
TK0710C3	200	100	300	N	>1,000
TK0711C3	150	N	300	N	>1,000
TK0712C3	200	N	150	N	>1,000
TK0713C3	150	N	300	N	>1,000
TK0714C3	150	N	300	N	>1,000
TK0716C3	150	1,500	200	N	>1,000
TK0717C3	150	200	100	N	>1,000
TK0718C3	200	N	200	N	>1,000
TK0719C3	150	100	150	N	>1,000
TK0720C3	150	N	300	N	>1,000
TK0721C3	300	500	500	N	>1,000
TK0722C3	200	1,000	1,000	N	>1,000
TK0723C3	150	<100	700	N	>1,000
TK0724C3	200	100	700	N	>1,000
TK0725C3	200	N	700	N	>1,000
TK0726C3	200	N	500	N	>1,000
TK0727C3	200	100	100	N	>1,000
TK0728C3	70	N	1,500	N	>1,000
TK0729C3	150	700	500	N	>1,000
TK0731C3	30	150	700	N	>1,000
TK0732C3	70	100	700	500	>1,000
TK0735C3	200	N	N	N	150
TK0741C3	200	N	50	N	150
TK0745C3	150	N	700	N	>1,000
TK0746C3	200	N	150	N	>1,000
TK0747C3	150	1,000	300	N	>1,000
TK0748C3	300	1,000	200	N	>1,000
TK0749C3	300	1,000	300	N	>1,000
TK0750C3	150	N	100	700	700
TK0751C3	150	300	100	N	>1,000
TK0752C3	500	700	300	N	>1,000
TK0753C3	150	N	200	N	1,000
TK0754C3	500	N	50	N	>1,000

NONMAGNETIC HEAVY-MINERAL CONCENTRATES

sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-CU	S-B	S-BA	S-BE
TK0755C3	62.6139	151.9197	20.0	10.00	5.0	.70	1,500	N	1,000	N	70	5,000	N
TK0756C3	62.6435	151.9067	20.0	1.00	2.0	1.00	300	2.0	2,000	N	70	>5,000	N
TK0757C3	62.6508	151.8819	>20.0	2.00	5.0	1.00	700	50.0	1,000	N	70	>5,000	N
TK0760C3	62.6761	151.8267	20.0	1.50	1.5	1.00	700	N	N	N	100	2,000	N
TK0762C3	62.6831	151.8069	15.0	>10.00	2.0	.50	1,500	N	N	N	30	1,500	N
TK0763C3	62.7056	151.7525	15.0	10.00	10.0	.70	2,000	N	N	N	30	300	N
TK0770C3	62.7494	151.6375	10.0	5.00	10.0	.70	1,500	5.0	N	N	200	5,000	N
TK0771C3	62.7078	151.6150	15.0	5.00	2.0	>1.00	2,000	N	N	N	100	1,500	N
TK0772C3	62.7533	151.5706	7.0	3.00	15.0	1.00	1,500	N	N	N	<20	200	N
TK0774C3	62.7831	151.5072	15.0	7.00	20.0	>1.00	2,000	5.0	700	N	70	300	N
TK0776C3	62.8022	151.4811	15.0	7.00	15.0	1.00	3,000	N	500	N	20	1,000	N
TK0781C3	62.8336	151.3753	>20.0	2.00	2.0	.50	2,000	5.0	3,000	N	100	1,500	N
TK0782C3	62.8517	151.3392	>20.0	3.00	1.0	>1.00	2,000	15.0	N	N	100	3,000	N
TK0783C3	62.7972	151.4042	15.0	2.00	3.0	>1.00	3,000	N	N	N	500	1,500	2
TK0785C3	62.7633	151.4439	>20.0	1.00	5.0	1.00	2,000	7.0	2,000	N	700	1,000	N
TK0786C3	62.7292	151.5097	>20.0	2.00	1.5	1.00	3,000	N	N	N	150	700	N
TK0787C3	62.7125	151.5272	7.0	2.00	1.5	>1.00	1,500	N	N	N	300	1,000	15
TK0788C3	62.6911	151.5444	7.0	2.00	2.0	>1.00	1,500	N	N	N	200	700	N
TK0789C3	62.6672	151.5742	7.0	2.00	2.0	>1.00	1,500	N	N	N	300	500	15
TK0790C3	62.6672	151.5294	5.0	1.00	.7	>1.00	700	N	N	N	30	700	N
TK0791C3	62.6533	151.6372	20.0	3.00	2.0	>1.00	3,000	N	N	N	20	1,500	N
TK0792C3	62.6572	151.7422	15.0	2.00	1.0	>1.00	1,500	N	N	N	100	1,500	N
TK0793C3	62.6275	151.7247	20.0	3.00	1.0	>1.00	5,000	N	N	N	50	2,000	N
TK0794C3	62.6350	151.7136	10.0	2.00	.7	>1.00	1,500	N	N	N	100	1,500	N
TK0795C3	62.6208	151.7444	20.0	2.00	1.5	>1.00	>5,000	N	N	N	70	1,500	N
TK0796C3	62.6306	151.7978	>20.0	2.00	2.0	>1.00	>5,000	2.0	1,500	N	70	>5,000	N
TK0797C3	62.6006	151.8086	10.0	2.00	7.0	>1.00	1,500	N	N	N	70	1,500	N
TK0798C3	62.5817	151.8392	10.0	1.50	2.0	>1.00	500	N	N	N	70	500	N
TK0799C3	62.6186	151.3703	7.0	1.50	15.0	1.00	>5,000	2.0	1,500	20	>2,000	100	N
TK0800C3	62.6467	151.3997	7.0	1.50	15.0	>1.00	3,000	N	N	N	>2,000	300	N
TK0801C3	62.6517	151.4233	10.0	5.00	5.0	.50	>5,000	2.0	N	N	>2,000	300	5
TK0803C3	62.7081	151.3922	7.0	2.00	15.0	>1.00	2,000	N	N	N	>2,000	500	2
TK0804C3	62.7250	151.3733	10.0	3.00	2.0	>1.00	1,500	2.0	N	N	>2,000	300	30
TK0805C3	62.7453	151.3497	7.0	3.00	7.0	>1.00	2,000	N	N	N	>2,000	200	70
TK0806C3	62.6450	150.8981	7.0	3.00	5.0	>1.00	1,000	N	700	N	100	500	2
TK0807C3	62.6189	150.9689	10.0	5.00	5.0	>1.00	2,000	N	N	N	70	700	2
TK0808C3	62.6278	150.9822	10.0	1.00	10.0	>1.00	700	N	700	N	200	500	N
TK0809C3	62.6350	150.9092	20.0	7.00	10.0	>1.00	1,500	2.0	1,500	N	50	1,500	N
TK0811C3	62.6586	150.8828	5.0	.50	1.0	>1.00	300	N	N	N	50	300	N
TK0813C3	62.7189	151.0167	5.0	1.50	15.0	>1.00	>5,000	N	5,000	N	>2,000	70	N
TK0814C3	62.7136	150.9944	20.0	1.00	5.0	>1.00	5,000	150.0	>10,000	200	150	2,000	N
TK0816C3	62.6967	150.8611	10.0	.50	5.0	>1.00	1,000	70.0	>10,000	20	70	300	N
TK0817C3	62.6917	150.8919	5.0	2.00	1.5	>1.00	700	N	N	N	70	700	N
TK0818C3	62.7378	150.8253	7.0	1.00	2.0	>1.00	700	30.0	7,000	20	50	1,000	N
TK0819C3	62.7708	150.8383	7.0	1.00	1.0	>1.00	2,000	N	N	N	50	700	5

NONMAGNETIC HEAVY-MINERAL CONCENTRATES

sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR
TK0755C3	N	N	100	200	200	>1,000	N	N	300	70	N	20	N	700
TK0756C3	N	N	150	100	500	150	N	N	300	50	N	20	N	200
TK0757C3	N	N	200	700	1,000	500	N	N	500	500	N	20	N	500
TK0760C3	N	N	70	200	300	100	N	N	200	100	N	20	N	200
TK0762C3	N	N	100	1,500	70	500	N	<50	1,500	50	N	10	N	200
TK0763C3	N	N	30	700	300	N	N	N	300	20	N	30	N	200
TK0770C3	N	N	30	300	200	200	N	N	70	150	N	20	N	200
TK0771C3	N	N	30	300	500	70	N	<50	200	70	N	50	N	200
TK0772C3	N	N	10	100	200	700	N	N	N	N	N	70	N	200
TK0774C3	N	N	100	700	500	>1,000	N	N	700	50	N	70	N	500
TK0776C3	N	N	100	700	100	N	N	N	150	20	N	20	N	200
TK0781C3	N	N	200	200	700	500	N	N	700	1,500	N	10	N	200
TK0782C3	N	N	100	700	700	300	N	N	700	7,000	N	30	N	200
TK0783C3	N	N	30	300	300	500	N	N	150	70	N	20	N	200
TK0785C3	N	N	300	200	200	>1,000	N	N	700	500	N	70	>1,000	N
TK0786C3	N	N	30	300	150	100	N	N	300	50	N	10	N	N
TK0787C3	N	N	30	300	150	300	N	N	100	20	N	30	N	N
TK0788C3	N	N	10	300	200	100	N	N	70	20	N	30	N	N
TK0789C3	N	N	20	300	500	300	N	N	70	20	N	30	N	N
TK0790C3	N	N	<10	200	200	N	N	N	70	N	N	20	N	N
TK0791C3	N	N	70	700	1,000	200	N	N	500	200	N	70	N	200
TK0792C3	N	N	30	300	300	700	N	N	300	70	N	70	N	N
TK0793C3	N	N	30	300	500	500	N	N	300	100	N	50	N	N
TK0794C3	N	N	30	300	500	200	N	100	100	150	N	70	N	200
TK0795C3	N	N	30	300	500	>1,000	N	50	300	100	N	50	N	200
TK0796C3	N	N	30	500	700	>1,000	N	50	500	150	N	50	N	300
TK0797C3	N	N	30	1,000	200	>1,000	N	100	70	70	N	>100	N	500
TK0798C3	N	N	20	2,000	200	700	N	150	70	70	N	70	N	300
TK0799C3	300	N	50	150	70	>1,000	N	<50	70	500	N	30	100	N
TK0800C3	N	N	20	500	2,000	>1,000	N	<50	100	70	N	30	30	N
TK0801C3	N	N	30	300	300	--	N	N	70	300	N	30	N	N
TK0803C3	N	N	20	300	200	--	N	N	70	20	N	50	300	200
TK0804C3	30	N	100	700	100	--	N	<50	300	100	N	30	>1,000	N
TK0805C3	N	N	20	500	100	--	N	50	70	70	N	30	100	N
TK0806C3	N	N	30	1,000	70	--	N	50	70	70	N	50	N	200
TK0807C3	N	N	30	1,000	200	--	N	50	150	70	N	50	N	300
TK0808C3	N	N	30	700	150	--	N	100	70	300	N	70	N	1,000
TK0809C3	N	N	150	3,000	1,000	--	N	N	200	300	N	50	N	700
TK0811C3	N	N	30	500	70	--	N	N	200	70	N	50	N	500
TK0813C3	N	N	300	N	1,000	--	N	N	700	150	N	>100	N	1,000
TK0814C3	N	N	500	150	2,000	--	N	N	700	100	N	20	N	700
TK0816C3	>1,000	N	100	200	10,000	--	N	70	100	7,000	N	>100	700	N
TK0817C3	N	N	20	500	500	--	N	N	70	300	N	30	N	200
TK0818C3	150	N	30	700	1,000	--	N	N	200	2,000	N	>100	700	700
TK0819C3	N	N	10	300	70	--	N	[illegible]	100	70	N	10	N	200

NONMAGNETIC HEAVY-MINERAL CONCENTRATES

sample	S-V	S-W	S-Y	S-ZN	S-ZR
TK0755C3	150	N	200	N	700
TK0756C3	150	N	50	700	200
TK0757C3	200	N	150	N	700
TK0760C3	500	N	50	N	200
TK0762C3	150	N	70	N	500
TK0763C3	500	N	20	N	200
TK0770C3	500	N	30	N	500
TK0771C3	500	N	50	N	300
TK0772C3	300	N	1,500	N	>1,000
TK0774C3	500	N	500	N	>1,000
TK0776C3	500	N	50	N	>1,000
TK0781C3	300	N	50	700	>1,000
TK0782C3	1,000	N	150	N	>1,000
TK0783C3	500	N	300	N	>1,000
TK0785C3	200	300	1,500	N	>1,000
TK0786C3	200	N	50	N	300
TK0787C3	200	<100	100	N	>1,000
TK0788C3	200	N	300	N	>1,000
TK0789C3	200	<100	150	N	>1,000
TK0790C3	200	<100	20	N	>1,000
TK0791C3	200	N	300	N	>1,000
TK0792C3	500	N	700	N	>1,000
TK0793C3	200	N	1,000	N	>1,000
TK0794C3	200	N	300	N	>1,000
TK0795C3	200	N	150	N	>1,000
TK0796C3	200	N	150	N	>1,000
TK0797C3	700	N	1,000	N	>1,000
TK0798C3	300	N	150	N	>1,000
TK0799C3	150	700	700	N	>1,000
TK0800C3	200	700	500	N	>1,000
TK0801C3	150	1,000	500	N	>1,000
TK0803C3	200	<100	1,000	N	>1,000
TK0804C3	500	150	150	N	>1,000
TK0805C3	500	N	500	N	>1,000
TK0806C3	300	N	100	N	>1,000
TK0807C3	300	N	100	N	>1,000
TK0808C3	300	N	300	N	>1,000
TK0809C3	500	N	100	N	>1,000
TK0811C3	200	100	1,500	N	>1,000
TK0813C3	50	N	1,500	N	>1,000
TK0814C3	200	<100	200	N	>1,000
TK0816C3	20	2,000	1,500	N	>1,000
TK0817C3	200	N	500	N	>1,000
TK0818C3	200	N	1,500	N	>1,000
TK0819C3	200	N	100	N	>1,000

NONMAGNETIC HEAVY-MINERAL CONCENTRATES

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
TK0820C3	62.7553	150.8658	5.0	.70	1.0	>1.00	1,500	N	N	N	20	700	2
TK0821C3	62.7861	150.8803	5.0	.70	7.0	>1.00	1,500	N	N	N	100	300	N
TK0822C3	62.7744	150.9264	>20.0	1.00	2.0	>1.00	1,500	2.0	2,000	N	50	700	N
TK0825C3	62.4411	151.7581	7.0	1.50	5.0	>1.00	1,000	N	N	N	100	1,000	N
TK0826C3	62.4600	151.8108	10.0	3.00	7.0	>1.00	2,000	N	N	N	100	1,000	N
TK0827C3	62.4964	151.8125	10.0	2.00	7.0	>1.00	3,000	N	N	N	150	1,000	N
TK0828C3	62.5144	151.8053	20.0	1.50	2.0	>1.00	1,500	N	N	N	70	1,000	N
TK0829C3	62.6161	151.5653	5.0	.70	.5	>1.00	500	N	N	N	70	300	N
TK0831C3	62.5989	151.5494	5.0	1.00	15.0	>1.00	2,000	N	N	N	>2,000	200	N
TK0832C3	62.5553	151.5653	15.0	.70	.7	>1.00	1,500	N	N	N	500	700	N
TK0833C3	62.6072	151.4939	5.0	.70	20.0	.70	2,000	2.0	N	N	2,000	100	N
TK0834C3	62.6025	151.4753	7.0	2.00	10.0	.70	3,000	N	N	N	>2,000	150	5
TK0836C3	62.5747	151.5036	7.0	1.00	2.0	.70	500	N	N	N	500	700	N
TK0837C3	62.5400	151.4728	7.0	2.00	20.0	1.00	3,000	N	N	N	>2,000	50	N
TK0838C3	62.5561	151.4186	7.0	2.00	5.0	.70	3,000	N	N	N	>2,000	150	N
TK0839C3	62.5600	151.3767	7.0	2.00	15.0	.50	3,000	N	N	N	>2,000	50	N
TK0840C3	62.5775	151.3853	7.0	1.50	15.0	.30	1,500	N	N	N	>2,000	700	N
TK0841C3	62.5806	151.3175	7.0	1.00	1.0	>1.00	500	N	N	N	1,000	500	N
TK0842C3	62.5978	151.3394	7.0	2.00	20.0	1.00	3,000	N	N	N	>2,000	70	N
TK0843C3	62.6058	151.2369	7.0	1.00	2.0	>1.00	3,000	N	N	N	100	500	2
TK0844C3	62.6497	151.1661	7.0	2.00	20.0	>1.00	>5,000	N	N	N	>2,000	100	N
TK0845C3	62.6544	151.1389	5.0	1.00	20.0	.70	>5,000	15.0	7,000	N	2,000	70	N
TK0846C3	62.6428	151.2417	5.0	.50	20.0	>1.00	>5,000	N	1,500	N	700	70	N
TK0847C3	62.6508	151.2700	2.0	.50	20.0	1.00	3,000	N	N	N	700	100	N
TK0848C3	62.6417	151.2700	5.0	1.00	20.0	>1.00	3,000	N	>10,000	N	2,000	50	N
TK0849C3	62.6644	151.3256	5.0	1.00	20.0	>1.00	3,000	N	1,500	N	1,000	300	N
TK0850C3	62.7042	151.3153	5.0	2.00	5.0	>1.00	2,000	N	N	N	1,000	700	N
TK0851C3	62.7442	151.2692	5.0	1.00	20.0	>1.00	1,500	N	N	N	1,500	150	N
TK0852C3	62.8144	151.3133	5.0	.50	.5	.30	300	N	N	N	300	200	<2
TK0853C3	62.8144	151.3133	10.0	2.00	5.0	>1.00	3,000	N	N	N	300	2,000	N
TK0858C3	62.6756	151.0656	10.0	2.00	10.0	>1.00	3,000	200.0	1,500	N	200	1,500	N
TK0860C3	62.6850	151.0964	5.0	1.00	20.0	.70	>5,000	N	N	N	2,000	100	5
TK0861C3	62.6569	151.0894	2.0	.10	>20.0	.50	>5,000	N	N	N	200	50	5
TK0862C3	62.6033	151.0839	5.0	.70	2.0	>1.00	1,000	N	N	N	200	700	N
TK0864C3	62.6469	151.0425	5.0	.70	1.0	1.00	700	N	N	N	70	700	N
TK0865C3	62.7553	151.0097	5.0	.20	15.0	>1.00	1,000	1.0	N	N	<20	200	N
TK0869C3	62.7625	151.0319	20.0	2.00	.7	1.00	3,000	N	N	N	70	1,000	5
TK0870C3	62.7228	150.6931	20.0	1.00	1.0	>1.00	>5,000	2.0	N	N	70	700	2
TK0872C3	62.7636	150.5344	2.0	.50	20.0	>1.00	1,500	N	N	N	500	300	N
TK0873C3	62.7797	150.5861	5.0	1.00	5.0	>1.00	1,000	N	N	N	100	500	N
TK0874C3	62.8428	150.5767	10.0	2.00	10.0	>1.00	>5,000	2.0	N	N	70	700	2
TK0875C3	62.8583	150.5586	7.0	5.00	5.0	>1.00	2,000	N	N	N	50	300	N
TK0878C3	62.8906	150.5925	.5	.10	1.0	>1.00	200	7.0	1,500	N	<20	50	N
TK0879C3	62.8653	150.6519	5.0	1.00	5.0	>1.00	1,500	N	N	N	150	500	N
TK0880C3	62.8575	150.7256	15.0	.50	1.5	>1.00	2,000	N	N	N	50	2,000	N

NONMAGNETIC HEAVY-MINERAL CONCENTRATES

sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR
TK0820C3	N	N	10	300	100	--	N	N	70	150	N	10	N	200
TK0821C3	N	N	10	300	200	--	N	300	50	20	N	30	70	200
TK0822C3	N	N	300	200	500	--	N	70	700	500	N	30	20	200
TK0825C3	N	N	30	500	2,000	--	N	50	100	100	N	30	200	500
TK0826C3	N	N	30	700	700	--	N	50	100	70	N	50	N	1,500
TK0827C3	N	N	30	70	200	--	N	N	150	100	N	70	N	700
TK0828C3	N	N	50	1,000	300	--	N	N	300	150	N	70	N	700
TK0829C3	70	N	30	500	700	--	N	50	70	70	N	30	N	1,000
TK0831C3	N	N	20	100	30	>1,000	N	<50	50	20	N	100	N	200
TK0832C3	N	N	50	300	200	200	N	<50	70	70	N	30	150	200
TK0833C3	N	N	100	N	700	>1,000	N	N	70	100	N	>100	N	700
TK0834C3	N	N	10	150	300	>1,000	50	N	50	20	N	20	150	N
TK0836C3	N	N	10	300	70	>1,000	N	N	70	N	N	<10	N	N
TK0837C3	N	N	30	N	500	>1,000	N	N	70	70	N	>100	N	N
TK0838C3	N	N	10	200	100	>1,000	N	N	50	N	N	15	N	N
TK0839C3	N	N	30	N	200	>1,000	N	N	70	N	N	>100	N	N
TK0840C3	N	N	20	N	200	>1,000	N	N	50	20	N	70	N	N
TK0841C3	N	N	<10	200	20	150	N	N	30	<20	N	15	N	N
TK0842C3	N	N	10	N	500	>1,000	N	N	30	<20	N	70	N	N
TK0843C3	N	N	10	200	100	200	N	N	50	1,000	N	20	N	N
TK0844C3	N	N	50	N	300	>1,000	N	N	70	50	N	>100	N	N
TK0845C3	N	N	500	N	500	>1,000	N	N	1,000	150	N	>100	>1,000	N
TK0846C3	N	N	150	N	300	>1,000	N	N	150	100	N	>100	300	N
TK0847C3	N	N	50	N	500	>1,000	N	N	70	20	N	>100	N	N
TK0848C3	N	N	1,500	N	700	>1,000	N	N	2,000	70	N	>100	700	N
TK0849C3	N	N	300	N	1,000	>1,000	N	N	150	70	N	>100	N	N
TK0850C3	N	N	20	300	300	>1,000	N	N	70	N	N	30	N	N
TK0851C3	N	N	20	N	300	>1,000	N	N	30	70	N	70	N	N
TK0852C3	N	N	10	300	100	100	N	N	50	N	N	N	N	N
TK0853C3	N	N	20	300	300	1,000	N	N	70	50	N	20	N	N
TK0858C3	1,000	N	50	700	1,500	>1,000	N	N	150	1,500	N	50	N	300
TK0860C3	500	N	10	N	100	>1,000	N	N	50	50	N	20	N	N
TK0861C3	N	N	N	N	10	700	N	N	30	N	N	15	N	N
TK0862C3	N	N	20	700	200	>1,000	N	70	50	70	200	50	N	700
TK0864C3	N	N	30	700	70	>1,000	N	50	150	70	N	>100	N	700
TK0865C3	N	N	20	100	200	700	N	700	20	20	N	30	200	200
TK0869C3	N	N	30	300	300	700	N	N	300	50	N	30	N	N
TK0870C3	N	N	50	300	300	700	N	50	150	100	N	30	N	N
TK0872C3	N	N	20	N	70	>1,000	N	50	70	20	N	>100	70	N
TK0873C3	N	N	20	300	300	>1,000	N	150	70	30	N	>100	300	N
TK0874C3	N	N	30	700	500	200	N	50	150	300	N	50	N	500
TK0875C3	N	N	30	500	300	1,000	50	100	70	70	N	>100	70	300
TK0878C3	N	N	50	N	1,000	>1,000	N	70	150	150	N	>100	>1,000	700
TK0879C3	N	N	20	150	2,000	>1,000	N	70	70	70	N	100	300	N
TK0880C3	N	N	30	300	500	>1,000	N	50	150	100	N	100	100	300

NONMAGNETIC HEAVY-MINERAL CONCENTRATES

sample	S-V	S-W	S-Y	S-ZN	S-ZR
TK0820C3	200	N	200	N	500
TK0821C3	300	N	700	N	>1,000
TK0822C3	200	N	700	N	>1,000
TK0825C3	300	N	200	700	>1,000
TK0826C3	300	N	200	N	>1,000
TK0827C3	200	N	700	N	>1,000
TK0828C3	200	N	1,000	N	>1,000
TK0829C3	300	N	200	N	>1,000
TK0831C3	70	N	150	N	>1,000
TK0832C3	300	N	100	N	>1,000
TK0833C3	20	N	2,000	N	>1,000
TK0834C3	150	<100	700	N	>1,000
TK0836C3	500	N	500	N	>1,000
TK0837C3	20	N	2,000	N	>1,000
TK0838C3	150	N	500	N	>1,000
TK0839C3	50	N	2,000	N	>1,000
TK0840C3	20	N	1,500	N	>1,000
TK0841C3	200	N	50	N	>1,000
TK0842C3	20	N	2,000	N	>1,000
TK0843C3	150	N	150	N	>1,000
TK0844C3	30	N	2,000	N	>1,000
TK0845C3	20	150	2,000	N	>1,000
TK0846C3	20	N	2,000	N	>1,000
TK0847C3	20	N	>2,000	N	>1,000
TK0848C3	50	N	>2,000	N	>1,000
TK0849C3	70	N	>2,000	N	>1,000
TK0850C3	200	N	500	N	>1,000
TK0851C3	20	N	2,000	N	>1,000
TK0852C3	300	N	20	N	300
TK0853C3	700	N	200	N	>1,000
TK0858C3	500	500	1,500	N	>1,000
TK0860C3	20	N	1,500	N	>1,000
TK0861C3	20	N	700	N	>1,000
TK0862C3	200	N	200	N	>1,000
TK0864C3	150	N	300	N	>1,000
TK0865C3	500	150	1,500	N	>1,000
TK0869C3	200	N	200	700	700
TK0870C3	200	N	200	500	>1,000
TK0872C3	150	N	1,000	N	>1,000
TK0873C3	150	N	700	N	>1,000
TK0874C3	200	N	150	N	>1,000
TK0875C3	150	N	500	N	>1,000
TK0878C3	70	N	>2,000	N	>1,000
TK0879C3	150	200	1,000	N	>1,000
TK0880C3	200	500	300	N	>1,000

NONMAGNETIC HEAVY-MINERAL CONCENTRATES

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
TK0881C3	62.8636	150.7653	10.0	1.50	2.0	>1.00	1,500	2.0	1,500	N	70	1,500	2
TK0883C3	62.8844	150.7522	7.0	5.00	10.0	1.00	2,000	N	N	N	100	700	2
TK0884C3	62.8350	150.6950	10.0	1.50	5.0	>1.00	5,000	N	N	N	50	3,000	N
TK0885C3	62.8133	150.7044	10.0	1.50	5.0	>1.00	2,000	N	N	N	150	700	N
TK0886C3	62.8578	150.2825	5.0	.20	2.0	>1.00	1,500	2.0	3,000	N	20	300	N
TK0887C3	62.8844	150.3050	1.0	.10	5.0	>1.00	200	2.0	1,000	N	50	200	N
TK0888C3	62.8714	150.2794	20.0	2.00	2.0	>1.00	3,000	N	N	N	200	700	N
TK0889C3	62.8581	150.2589	7.0	5.00	10.0	>1.00	1,500	2.0	N	30	700	300	N
TK0890C3	62.7786	150.7575	20.0	1.00	1.0	>1.00	3,000	N	N	N	100	1,500	2
TK0892C3	62.8247	150.8072	10.0	.70	2.0	>1.00	3,000	N	N	N	50	>5,000	2
TK0893C3	62.8228	150.7972	20.0	.70	5.0	>1.00	>5,000	N	N	N	50	1,500	2
TK0895C3	62.8803	150.8569	10.0	2.00	2.0	>1.00	2,000	7.0	N	N	70	1,500	2
TK0896C3	62.8939	150.8442	20.0	.70	2.0	>1.00	700	10.0	>10,000	N	30	1,500	N
TK0897C3	62.9172	150.8325	20.0	2.00	2.0	>1.00	1,000	N	5,000	N	150	1,500	N
TK0904C3	62.9269	150.4692	1.5	.15	10.0	>1.00	1,500	N	2,000	N	50	200	N
TK0905C3	62.9422	150.4264	2.0	.15	20.0	>1.00	3,000	N	N	N	30	150	N
TK0906C3	62.9322	150.4353	2.0	.10	15.0	>1.00	1,500	30.0	7,000	20	30	300	N
TK0907C3	62.9356	150.3517	.5	.10	10.0	>1.00	1,500	7.0	1,500	N	<20	100	N
TK0908C3	62.9281	150.3406	1.0	.20	10.0	>1.00	500	7.0	500	N	<20	200	N
TK0909C3	62.9100	150.4050	2.0	.50	10.0	>1.00	1,500	10.0	1,500	N	<20	200	N
TK0910C3	62.9097	150.3700	.5	.10	5.0	>1.00	200	N	N	N	<20	150	N
TK0911C3	62.9614	150.2444	5.0	1.00	5.0	>1.00	1,500	N	N	N	>2,000	500	N
TK0913C3	62.9314	150.2483	1.0	.05	1.0	>1.00	200	2.0	3,000	N	<20	150	N
TK0914C3	62.9097	150.2428	5.0	1.00	2.0	.70	700	N	N	N	100	700	2
TK0915C3	62.9022	150.1908	20.0	1.50	1.5	>1.00	2,000	N	1,500	N	50	2,000	2
TK0916C3	62.9428	150.1281	10.0	2.00	7.0	>1.00	1,500	N	N	N	100	1,500	2
TK0917C3	62.9981	150.1278	10.0	7.00	5.0	.70	1,000	N	N	N	50	500	N
TK0918C3	62.9839	150.0636	10.0	5.00	10.0	.50	1,500	N	N	N	70	300	N
TK0919C3	62.9628	150.0283	10.0	2.00	5.0	1.00	2,000	N	N	N	300	700	5
TK0920C3	62.9389	150.0269	2.0	.50	10.0	>1.00	700	2.0	1,500	N	30	300	N
TK0921C3	62.8675	150.1139	5.0	1.00	15.0	>1.00	1,000	N	N	N	30	150	2
TK0922C3	62.8558	150.1381	5.0	1.00	15.0	>1.00	1,000	N	N	N	30	150	2
TK0923C3	62.8450	150.1872	7.0	2.00	15.0	>1.00	2,000	N	N	N	100	300	N
TK0924C3	62.8314	150.1839	7.0	2.00	20.0	>1.00	3,000	N	N	N	200	700	N
TK0925C3	62.7972	150.2550	7.0	2.00	20.0	>1.00	2,000	N	N	N	1,000	500	N
TK0926C3	62.8833	150.4569	1.0	.10	5.0	>1.00	700	5.0	3,000	N	20	100	N
TK0927C3	62.8947	150.4117	.5	.10	2.0	>1.00	500	7.0	500	N	<20	100	N
TK0928C3	62.8606	150.4031	5.0	.15	5.0	>1.00	1,000	N	2,000	N	50	300	N
TK0929C3	62.8278	150.3422	2.0	.30	15.0	>1.00	1,000	N	N	N	30	100	N
TK0930C3	62.7911	150.3522	1.0	.05	5.0	>1.00	300	2.0	3,000	N	<20	100	N
TK0931C3	62.7747	150.3317	.5	.05	2.0	>1.00	200	5.0	3,000	N	<20	500	N
TK0932C3	62.7425	150.3417	2.0	.50	7.0	>1.00	500	N	N	N	<20	300	N
TK0933C3	62.7581	150.3908	2.0	.20	10.0	>1.00	700	N	2,000	N	150	150	N
TK0934C3	62.8325	150.4475	10.0	2.00	7.0	>1.00	2,000	15.0	5,000	20	150	500	N
TK0935C3	62.7914	150.4192	5.0	2.00	10.0	>1.00	1,500	N	N	N	100	500	N

NONMAGNETIC HEAVY-MINERAL CONCENTRATES

sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR
TK0881C3	N	N	30	500	500	500	N	50	200	200	N	30	N	200
TK0883C3	N	N	30	700	300	>1,000	N	N	100	20	N	30	300	700
TK0884C3	N	N	30	700	700	>1,000	N	50	150	100	N	70	N	1,000
TK0885C3	N	N	30	500	300	>1,000	N	100	150	100	N	50	200	700
TK0886C3	N	N	100	150	2,000	>1,000	50	50	200	100	N	>100	300	N
TK0887C3	N	N	30	N	500	>1,000	N	70	100	100	N	>100	100	N
TK0888C3	N	N	30	500	200	700	N	N	200	70	N	70	N	N
TK0889C3	N	N	20	700	300	>1,000	N	50	100	20	N	70	>1,000	300
TK0890C3	N	N	100	700	500	300	N	<50	200	150	N	50	50	300
TK0892C3	N	N	30	300	200	>1,000	N	50	150	500	N	30	N	700
TK0893C3	N	N	30	700	500	>1,000	N	N	150	150	N	30	N	700
TK0895C3	N	N	30	300	700	500	N	50	200	1,500	N	30	N	200
TK0896C3	N	N	100	300	700	200	N	70	300	300	N	30	N	200
TK0897C3	N	N	300	500	500	500	N	50	500	100	N	30	N	200
TK0904C3	200	N	50	100	1,000	>1,000	N	200	20	70	N	>100	>1,000	N
TK0905C3	N	N	20	N	70	>1,000	N	50	20	70	N	>100	500	N
TK0906C3	N	N	200	N	700	>1,000	N	50	200	500	N	>100	>1,000	N
TK0907C3	N	N	50	70	300	>1,000	N	50	150	150	N	>100	>1,000	1,500
TK0908C3	N	N	30	100	300	>1,000	N	70	100	150	N	>100	1,000	1,000
TK0909C3	N	N	50	100	700	>1,000	N	50	100	150	N	>100	>1,000	1,000
TK0910C3	N	N	20	N	100	1,000	N	50	70	N	N	>100	200	1,000
TK0911C3	N	N	10	300	70	1,000	N	50	70	20	N	100	50	N
TK0913C3	N	N	200	N	500	>1,000	N	50	300	30	N	>100	500	300
TK0914C3	N	N	30	200	50	200	N	N	70	<20	N	30	300	200
TK0915C3	N	N	100	300	700	70	50	<50	500	150	N	50	N	200
TK0916C3	N	N	30	500	700	100	N	50	200	150	N	70	N	500
TK0917C3	N	N	30	1,000	100	70	N	N	500	70	N	50	N	500
TK0918C3	N	N	20	500	20	50	N	N	100	20	N	50	N	700
TK0919C3	N	N	30	500	200	100	N	N	70	20	N	50	>1,000	300
TK0920C3	N	N	50	100	100	>1,000	N	70	200	300	N	>100	300	1,000
TK0921C3	N	N	20	150	20	>1,000	N	70	50	70	N	70	500	700
TK0922C3	N	N	10	150	20	>1,000	N	70	50	70	N	70	500	700
TK0923C3	N	N	50	200	200	>1,000	N	50	150	30	N	70	20	200
TK0924C3	N	N	20	200	150	>1,000	N	N	70	30	N	70	N	300
TK0925C3	N	N	10	300	20	>1,000	N	50	70	20	N	70	300	300
TK0926C3	N	N	50	100	700	>1,000	N	<50	200	70	N	>100	300	1,000
TK0927C3	N	N	20	N	500	>1,000	N	50	100	70	N	>100	300	1,500
TK0928C3	N	N	70	100	1,000	>1,000	N	100	300	70	N	>100	100	1,000
TK0929C3	N	N	10	200	50	200	N	500	50	50	N	70	500	1,500
TK0930C3	N	N	200	N	3,000	1,000	N	N	300	100	N	>100	500	1,500
TK0931C3	N	N	200	N	200	>1,000	N	N	200	70	N	>100	>1,000	N
TK0932C3	N	N	20	150	70	>1,000	N	150	20	70	N	>100	300	N
TK0933C3	N	N	30	150	300	>1,000	N	150	30	50	N	>100	>1,000	N
TK0934C3	70	N	30	300	500	700	N	<50	30	1,000	N	70	300	200
TK0935C3	N	N	20	500	70	500	N	70	20	70	N	50	150	200

NONMAGNETIC HEAVY-MINERAL CONCENTRATES

sample	S-V	S-W	S-Y	S-ZN	S-ZR
TK0881C3	200	N	300	N	>1,000
TK0883C3	200	300	150	N	>1,000
TK0884C3	200	N	300	N	1,000
TK0885C3	200	<100	500	N	>1,000
TK0886C3	200	N	1,000	N	>1,000
TK0887C3	70	N	1,500	N	>1,000
TK0888C3	300	1,000	300	N	>1,000
TK0889C3	300	<100	200	N	>1,000
TK0890C3	300	N	150	700	1,000
TK0892C3	200	N	300	N	>1,000
TK0893C3	200	N	300	N	>1,000
TK0895C3	200	N	300	N	>1,000
TK0896C3	150	N	200	500	>1,000
TK0897C3	300	N	500	N	>1,000
TK0904C3	150	200	1,000	N	>1,000
TK0905C3	30	N	2,000	N	>1,000
TK0906C3	70	100	2,000	N	>1,000
TK0907C3	50	N	>2,000	N	>1,000
TK0908C3	70	N	>2,000	N	>1,000
TK0909C3	100	N	>2,000	N	>1,000
TK0910C3	20	N	2,000	N	>1,000
TK0911C3	300	N	500	N	>1,000
TK0913C3	50	N	>2,000	N	>1,000
TK0914C3	200	N	150	N	>1,000
TK0915C3	500	N	150	700	1,000
TK0916C3	300	N	300	N	>1,000
TK0917C3	300	200	50	N	200
TK0918C3	500	N	50	N	200
TK0919C3	500	N	70	N	200
TK0920C3	150	N	>2,000	N	>1,000
TK0921C3	150	N	1,000	N	>1,000
TK0922C3	150	N	1,000	N	>1,000
TK0923C3	200	N	300	N	>1,000
TK0924C3	200	N	500	N	>1,000
TK0925C3	300	N	300	N	>1,000
TK0926C3	70	N	>2,000	N	>1,000
TK0927C3	70	N	>2,000	N	>1,000
TK0928C3	150	N	1,500	N	>1,000
TK0929C3	200	N	2,000	N	>1,000
TK0930C3	50	N	2,000	N	>1,000
TK0931C3	50	200	2,000	N	>1,000
TK0932C3	100	200	1,000	N	>1,000
TK0933C3	100	500	1,000	N	>1,000
TK0934C3	200	200	200	N	>1,000
TK0935C3	200	N	500	N	>1,000

NONMAGNETIC HEAVY-MINERAL CONCENTRATES

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
TK0936C3	62.7375	150.6269	1.5	.05	5.0	>1.00	200	N	10,000	N	70	150	N
TK0937C3	62.7481	150.6639	7.0	1.00	1.5	>1.00	>5,000	N	N	N	70	1,000	2
TK0939C3	62.6761	150.6436	5.0	.50	5.0	>1.00	700	5.0	10,000	N	150	700	N
TK0940C3	62.6781	150.6089	1.5	.05	1.0	>1.00	200	5.0	10,000	N	<20	300	N
TK0941C3	62.6719	150.5200	2.0	.15	10.0	>1.00	200	N	7,000	N	<20	700	N
TK0942C3	62.8042	150.5356	10.0	1.50	1.5	>1.00	1,000	N	N	N	70	1,000	2
TK0943C3	62.8350	150.5108	10.0	1.50	5.0	>1.00	1,000	N	1,500	N	70	700	N
TK0944C3	62.8094	150.5106	7.0	1.50	2.0	>1.00	700	N	3,000	N	70	700	N
TK1002C3	--	--	10.0	.70	2.0	>1.00	1,500	N	N	N	100	>5,000	N

NONMAGNETIC HEAVY-MINERAL CONCENTRATES

sample	S-BI	S-CD	S-CO	S-CR	S-CU	S-LA	S-MO	S-NB	S-NI	S-PB	S-SB	S-SC	S-SN	S-SR
TK0936C3	N	N	300	N	700	700	N	50	300	70	N	>100	30	N
TK0937C3	N	N	30	300	100	>1,000	N	50	30	70	N	50	20	200
TK0939C3	N	N	300	150	2,000	>1,000	N	50	300	70	N	>100	150	N
TK0940C3	N	N	300	N	200	700	N	50	300	150	N	>100	150	N
TK0941C3	N	N	300	N	200	>1,000	N	70	300	150	N	>100	70	N
TK0942C3	N	N	30	300	300	500	N	<50	30	70	N	50	N	200
TK0943C3	N	N	30	300	700	300	N	70	30	100	N	50	N	200
TK0944C3	N	N	30	300	500	200	N	70	30	70	N	50	N	200
TK1002C3	N	N	70	200	1,000	>1,000	N	50	200	50	N	70	N	--

NONMAGNETIC HEAVY-MINERAL CONCENTRATES

sample	S-V	S-W	S-Y	S-ZM	S-ZR
TK0936C3	50	N	1,000	N	>1,000
TK0937C3	200	N	300	N	>1,000
TK0939C3	150	N	2,000	N	>1,000
TK0940C3	70	200	1,500	N	>1,000
TK0941C3	70	200	1,500	N	>1,000
TK0942C3	200	100	200	N	>1,000
TK0943C3	200	100	300	N	>1,000
TK0944C3	200	500	300	N	>1,000
TK1002C3	200	N	200	N	>1,000