UNITED STATES DEPARTMENT OF THE INTERIOR
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A LISTING AND STATISTICAL SUMMARY OF ANALYTICAL RESULTS FOR PEBBLES, STREAM SEDIMENTS, AND HEAVY-MINERAL CONCENTRATES FROM STREAM SEDIMENTS, PETERSBURG AREA, SOUTHEAST ALASKA

by

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This report is the first publication belonging to the series of geochemical maps (having the same Open-File Report number) concerning the Petersburg area, southeast Alaska.

CONTENTS

ILLUSTRATIONS

TABLES

INTRODUCTION

A geochemical reconnaissance study was undertaken in the Petersburg area of southeast Alaska, during the summers of 1978–1982, to aid in the evaluation of its mineral potential. The study area includes the Petersburg quadrangle, the western edge of the Bradfield Canal quadrangle, the southwest edge of the Sumdum quadrangle, the southeast edge of the Sitka quadrangle, and the east edge of the Port Alexander quadrangle as shown on plate 1. In this report, these units will be referred to as the "the Petersburg study area." For this study, 1,430 heavy-mineral concentrates from stream sediments, 1,449 stream sediments, and 442 pebble samples from streams were collected. Sample localities, analytical results, enrichment, and statistical data are presented in this report. Sample localities are shown on plate 1. Statistical and enrichment data derived from the analytical results are shown in tables 1 and 2. Analytical results for stream sediments, pebbles, and heavy-mineral concentrates from stream sediments are shown in tables 3, 4, and 5.

METHODS

Sampling and Sample Preparation

Heavy-mineral concentrates from stream sediments, stream sediments, and pebbles from streams were collected from the active parts of the stream channel.

Stream-sediment samples consisted of coarse- to fine-grained sediment that were wet-sieved through a 2-mm stainless steel screen at the sample site; the screened fraction was placed in metal-free cloth bags. Sample weights ranged from 150 to 250 g. The samples were then air dried and screened by shaking through an 80-mesh stainless-steel sieve. The minus-80-mesh fractions were placed in 0.12-L metal-free cardboard containers and subsequently analyzed.

Heavy-mineral concentrates from stream-sediment samples consisted of several scoops of coarse- to fine-grained sediment that were wet-sieved through a 2-mm stainless-steel screen at the sample site. This sieved fraction was wet panned at the sample site to reduce the percentages of light minerals in the sample. The panned heavy-mineral concentrates from stream sediments were placed in metal-free paper envelopes. The samples were then air-dried and further prepared by shaking through a 35-mesh stainless-steel sieve, the minus-35-mesh fraction was retained. In the laboratory, the minus-35-mesh fraction was separated with bromoform into two fractions: a light-mineral fraction having a specific gravity of 2.85 or less and a heavy-mineral fraction having a specific gravity greater than 2.85. The light-mineral fraction was discarded. Magnetite and other magnetic minerals were removed from the heavy-mineral fraction by use of a hand magnet and a Frantz Isodynamic magnetic separator at a setting of 0.2 amperes. The magnetic fraction was saved, but not analyzed. The remaining heavy-mineral fraction was again run through the Frantz Isodynamic magnetic separator at a setting of 0.6 amperes. The fraction that was nonmagnetic at this higher setting contained primarily zircon, apatite, and sulfides; it was labeled C-3 and was retained for spectrographic analysis. The intermediate fraction having magnetic susceptibility between 0.2 and 0.6 amperes was not analyzed.

Pebbles from streams were collected from the stream channel. Although altered and mineralized pebbles were looked for, few showed visible indication of alteration or mineralization. Several pebbles were collected from the stream channel and placed in metal-free cloth bags. All pebbles were crushed in a Chipmunk crusher to approximately <6 mm, split through a Jones splitter, and one of the two splits was ground to a minus-150-mesh in a vertical pulverizer using ceramic plates. The minus-150-mesh fraction was placed in 0.12-L metal-free cardboard containers and subsequently analyzed.

Analytical methods

The procedures used in analyzing stream sediments and pebble samples were identical. A six-step, DC-arc, semiquantitative emission spectrographic method was used for the determination of Fe, Mg, Ca, Ti, Mn, Ag, As, Au, B, Ba, Be, Bi, Cd, Co, Cr, Cu, La, Mo, Nb, Ni, Pb, Sb, Sc, Sn, Sr, V, W, Y, Zn, Zr, and Th (Grimes and Marranzino, 1968). Atomic-absorption spectrophotometry was used to determine Cu, Pb, Zn, and Au (Ward and others, 1969); colorimetry was used to determine W (Quinn and Brooks, 1972) and Th (Palkalnes, 1972); selective ion electrode method was used to determine fluorine (Hopkins, 1977); fluorometric method was used to determine uranium (Centanni and others, 1956); and neutron activation, delayed neutron counting, was used for U and Th (Millard, 1976).

The C-3 fraction of the heavy-mineral concentrates from stream sediments was analyzed by a six-step, DC-arc, semiquantitative emission spectrographic method generally following that described by Grimes and Marranzino (1968) for the analysis of geologic material. Their method was modified in the following way to eliminate the spectral interferences caused by high concentrations of iron, titanium, and zirconium. Five milligrams of prepared sample was mixed with 20 mg of pure graphite powder and 5 mg of pure Arkansas quartz; the mixture was packed into a preformed graphite electrode 6.35 mm in diameter, and was burned in a DC-arc for 136 seconds using a 1.5-m Wadsworth-mount grating spectrograph. As a result, the lower limits of determination for the elements analyzed for this type of sample are all raised two reporting values above the normal lower limit values of those values listed by Grimes and Marranzino (1968). Spectrographic standards were prepared in the same manner. Spectra were recorded on 35-mm SA-1 film in groups of 23 samples per film (that is each film includes analytical spectra results for 22 field samples and one reference standard sample). The reference standard sample is included with each set of field samples to monitor the quality of the analyses from film to film; however, the analysis for these reference samples have been omitted from tables 3-5. Thirty-one elements were determined (Fe, Mg, Ca, Ti, Mn, Ag, As, Au, B, Ba, Be, Bi, Cd, Co, Cr, Cu, La, Mo, Nb, Ni, Pb, Sb, Sc, Sn, Sr, V, W, Y, Zn, Zr, and Th).

The observed spectra from the stream sediment, and C-3 fraction samples were compared visually to standard spectra using a 20X comparator. The spectrographic analytical values are reported as the approximate geometric midpoints 0.15, 0.2, 0.3, 0.5, 0.7, and 1.0 (or approximate powers of ten of these values) of concentration ranges whose respective boundaries are 0.12, 0.18, 0.26, 0.38, 0.56, 0.83, and 1.2 (or appropriate powers of ten of these values).

The precision of a reported value is approximately plus or minus one reporting value at 83 percent confidence and two reporting values at 96 percent confidence (Motooka and Grimes, 1976).

The analyses were done by G. D. Day, S. J. Sutley, J. D. Hoffman, B. F. Arbogast, R. B. Vaughn, H. T. Millard, Jr., and B. A. Keaten.

Statistical methods

All data listed in tables 3, 4, and 5 were entered in the U.S. Geological Survey computer data storage system entitled RASS (Rock Analyses Storage System), and retrieved and analyzed by S. K. McDanal, W. S. Speckman, C. M. McDougal, and J. D. Hoffman, using the U.S. Geological Survey STATPAC program library (VanTrump and Miesch, 1977).

A statistical summary of the analytical results for various sample media data are presented in table 1, and an enrichment above crustal abundance statistical summary is presented in table 2.

MEDIA SELECTION

Stream sediments were chosen as the primary sample media because of the large size of the area that influences each sample.

Three sample media from the stream sediment were chosen to afford maximum coverage of the major geochemical components of a drainage basin. They are (1) the medium to fine fraction (-80 mesh) of the active sediment in the bed load of the stream, (2) the heavy minerals incorporated in the bed load of the stream, and (3) pebbles incorporated in the bed load of the stream channel.

The first of these sample media provides a typical geochemical cross section of the transported components of the drainage basin. Its chemical composition is controlled predominantly by the major geologic units of the drainage basin and to a lesser extent by scavenging materials such as amorphous iron-manganese oxides, clays, and organic matter. Minor components of the drainage basin, such as a deposit of potentially economic minerals, are usually reflected in this sample medium, but the influence is often small because of dilution by the large bulk of barren material derived from the major components of the basin.

The second sample medium, in essence a subsample of the first, is used to enhance the influence of minor components such as ore-related minerals and to eliminate the enhancing affect caused by organic material, clays, and in some instances the iron and manganese hydrous oxides, which are commonly in this medium but are not very magnetic. Most of the sediment in this medium is composed of minerals such as quartz, feldspar, and clay, which are of low specific gravity and of little or no interest in the search for mineralization. By contrast, many of the elements of a mineral deposit are transported as components of minerals that are of a high specific gravity and can therefore be concentrated by a simple gravity separation, usually in a gold pan. Ore minerals that have the distressing properites of softness (hardness 3.5-4), cleavage, and brittleness, such as galena, sphalerite, cerussite, malachite, and cuprite are also concentrated.

The stream sediments contain at least 90 percent light minerals and panning raises the relative amounts of heavy minerals by 10 to 1,000 times. If a 5 kg. sample is panned to 100 gr., this is a concentration ratio of 50 to 1. If further separation processes in the laboratory reduce this 100-g. sample to 100 mg., there is a total concentration ratio occurs of 50,000 to 1 (that is 1 part per billion becomes 50 parts per million—if no losses occur). The concentration processes (panning and laboratory separations) raise the relative content of ore and ore-related elements so that they can be detected by spectrographic analysis.

The heavy-mineral concentrates were split into three fractions on the basis of the magnetic susceptibility of the minerals. The logic for this separation and for the choice of the least magnetic of these as the highest priority for analysis follow from the logic in choosing a heavy-mineral concentrate in the first place. Many of the ore metals will substitute readily for iron or magnesium in common rock-forming silicate minerals. These minerals are abundant but are, in themselves, not of economic importance as they contribute mainly to the "background" metal content. Less abundant minerals in which the economic metals are major components are the ore minerals. Though some of the ore minerals are somewhat magnetic, the majority are not. By contrast, the majority of the iron and magnesium silicate minerals are magnetic when passed through an electromagnetic separator. The magnetic separation, therefore, allows further reduction of the interference from variations in the quantity or composition of non-ore-related minerals and, hence, accentuates variation in the content of ore and ore-related elements resulting from variations in abundance of the ore minerals.

The analytical results indicate a higher contrast of element content in the heavy-mineral separates, as compared to the fine to medium fraction of the stream sediment. The use of heavy-mineral concentrates from stream sediments for reconnaissance geochemical evaluation of the Petersburg area, a logistically difficult and large area, has

decided advantages over the use of the fine to medium fraction of the stream sediments. These advantages are (1) a much lower sample density is sufficient to obtain meaningful results; (2) the problem of hard to evaluate scattered spot anomalies is largely eliminated; (3) optical mineralogy studies can be made to determine minerals of possible economic interest and the presence of economic minerals can be used as ore guides rather than that of metal percentages; (4) some minerals (example: cassiterite, fluorite, and wolframite) may be observed because they are resistant to physical and chemical weathering and are transported primarily in stream sediment as mineral grains, and not as ions absorbed on clays or contained in organic matter as are base metals derived from sulfides; (5) some element values (As, Sb, Cd, W, Sn, Mo, Bi, and Th) in the fine to medium fraction of the stream sediments are frequently close to or below the detection limit for spectrographic and chemical analysis. In the heavy-mineral concentrate, these elements are concentrated and therefore easily determined and, thus, the contrast between mineralization and unmineralized areas is increased, and anomalies are enhanced by removing major rock-forming minerals unrelated to mineralizing processes and concentrating those minerals related to mineralizing process; (6) elimination of the organic matter variable that may be present in one drainage basin and not in the other; (7) separates are independent of the diluting effects caused by seasonal variations in sediment transport, and the concentration is "undiluting" the stream sediment relative to heavy minerals, thus, the use of concentrates minimizes sampling errors by minimizing (reducing but not eliminating) variable dilutions resulting from hydraulic sorting during sedimentation as well as from related seasonal stream effects; (8) the analytical composition of a concentrate may also indicate specific minerals. For example, the barium content in a stream-sediment sample is predominantly the sum of barium in the mineral barite plus barium substituted in feldspars, clay minerals, and possibly other minerals, whereas the barium in a concentrate sample is essentially all in barite.

Pebbles from streams were collected from the stream channel. Although altered and mineralized pebbles were looked for, few showed visible indications of alteration or mineralization. These pebbles were considered to be weathered, stream worn, and represenative of outcrop from the drainage basin. These pebbles provide information on chemical signatures in rock that have not been or may have been affected by alteration or mineralization.

Explanation for Table 1

The data listed in table 1 are a statistical summary of the analytical results for stream sediments, nonmagnetic fraction of heavy-mineral concentrates from stream sediments, stream pebbles, and rock.

The procedures used in analyzing the various sample media and their references are given in the text under analytical methods.

Values for Fe, Mg, Ca, and Ti are reported in percent, all other elements values are reported in parts per million.

The lower and upper limits of determination for analyses for the various methods of analyses are given in the text under explanation for tables 3, 4, and 5.

A qualified population is one in which the element concentrations are coded with N, L, or G; N = not detected at limit of determination; L = detected but below limit of determination; G = greater than upper limit of determination; n = the combined total of N, L, G, and the number of values. Leaders (—) = no data or insufficient data.

The sample type column is coded as follows:

SS -Stream sediment

C-3 -Nonmagnetic fraction of heavy-mineral concentrate from stream sediments.

Peb -Stream-sediment pebbles

Rx -Rock.

The method of analyses column is coded as follows:

S -Semiquantitative spectrographic analyses
AA -Atomic absorption analyses
CM -Colorimetric analyses
SI -Selective ion electrode analyses
AC -Neutron activation, delayed neutron counting, analyses
Inst -Fluorometric analyses.

Explanation for Table 2

Table 2 gives the enrichment above rock crustal abundance (Krauskopf, 1967) for selected percentiles of the chalcophile, siderophile, and lithophile elements in the Petersburg study area, Alaska. Enrichment above rock crustal abundance was determined by dividing average crustal abundance taken from Krauskopf (1967) and dividing that into the actual concentration values computed for selected percentiles.

The element column heading is coded as follows:

S-Fe -Semiquantitative spectrographic analyses of iron
AA-Zn -Atomic absorption analyses of zinc
CM-W -Colorimetric analyses of tungsten
AC-U -Neutron activation, delayed neutron counting, analyses of uranium
SI-F -Selective ion electrode analyses of fluorine
U-Inst. -Fluorometric analysis of uranium.

The crustal abundance column heading values for Fe, Mg, Ca, and Ti are reported in percent, all other values are in parts per million.

The sample-type column heading is coded as follows:

SS -Stream sediment
C-3 -Nonmagnetic fraction of heavy-mineral concentrate from stream sediments
Peb -Stream-sediment pebbles
Rx -Rock.
Leaders -(—) equals no data or insufficient data.

Explanation for Tables 3 and 4

The data listed in tables 3 and 4 include analytical results of the stream-sediment and pebble samples collected by the U.S. Geological Survey for the Petersburg study area, Alaska. The data are arranged according to the subquadrangles into which the 1:250,000 scale Petersburg, Sumdum, Sitka, Port Alexander, and Bradfield Canal quadrangles are divided (pl. 1). Column 1 contains the sample number keyed to plate 1. The latitude and longitude in degrees, minutes, and seconds are shown in column 2 and 3. The remaining columns lists the elements for which data are available.

The element column heading is coded as follows:

S-Fe% -Semiquantitative spectrographic analyses of iron in percent
S-MN -Semiquantitative spectrographic analyses of manganese in ppm (parts per million).
AA-Zn -...Atomic absorption analyses of zinc in ppm (parts per million)
Cm-W -Colorimetric analyses of tungsten in ppm (parts per million)
AC-U -Neutron activation, delayed neutron counting, analyses of uranium in ppm (parts per million).
SI-F -Specific Ion Electrode analyses of fluorine in ppm (parts per million)
U-Inst -Fluorometric analyses of uranium in ppm (parts per million).

Other row codes are:

N =not detected
— =no data available
< =detected, but below lower limit of determination, or below value shown
> =greater than upper limit of determination, or greater than value shown

Because of the formating used in the computer program that produced tables 3 and 4, some of the elements listed in these tables (Fe, Mg, Co, Ti, Ag, and Be) carry one or more nonsignificant zeros to the right of the significant digits. The analyst did not determine these elements to the accuracy suggested by the extra zeros.

The lower and upper limits of determination for semiquantitative emission spectrographic analyses for stream sediments, stream pebbles, and rocks are as follows:

Element	Lower detection limit	Upper detection limit
Iron (Fe)	0.05 %	20%
Magnesium (Mg)	0.02	10
Calcium (Ca)	.05	20
Titanium (Ti)	.002	1
Manganese (Mn)	10 ppm	5,000 ppm
Silver (Ag)	.5	5,000
Arsenic (As)	200	10,000
Gold (Au)	10	500
Boron (B)	10	2,000
Barium (Ba)	20	5,000
Beryllium (Be)	1	1,000
Bismuth (Bi)	10	1,000
Cadmium (Cd)	20	500
Cobalt (Co)	5	2,000
Chromium (Cr)	10	5,000
Copper (Cu)	5	20,000
Lanthanum (La)	20	1,000
Molybdenum (Mo)	5	2,000
Niobium (Nb)	20	2,000
Nickel (Ni)	5	5,000
Lead (Pb)	10	20,000
Antimony (Sb)	100	10,000
Scandium (Sc)	5	100
Tin (Sn)	10	1,000
Strontium (Sr)	100	5,000
Vanadium (V)	10	10,000
Tungsten (W)	50	10,000
Yttrium (Y)	10	2,000
Zinc (Zn)	200	10,000
Zirconium (Zr)	10	1,000
Thorium (Th)	100	2,000

The detection limits for atomic absorption analyses are as follows:

Copper (Cu)	5	—
Lead (Pb)	5	—
Zinc (Zn)	5	—
Gold (Au)	0.05	—

The detection limits for colorimetric analysis are as follows:

Tungsten (W)	1 ppm	—
Thorium (Th)	1 ppm	—

The detection limits for neutron activation, delayed neutron counting are as follows:

Uranium (U)	.1 ppm	—
Thorium (Th)	.1 ppm	—

The detection limits for specific ion electrode analyses are as follows:

Fluorine (F)	100 ppm	—

The limits for fluorometric analyses are as follows:

Uranium (U)	.2 ppm	—

Analytical results of stream sediments begin on p. and the analytical results of pebbles begin on p. .

Explanation for Table 5

The data listed in table 5 include analytical results of the C-3 fraction of the heavy-mineral concentrates from stream-sediment samples collected by the U.S. Geological Survey in the Petersburg study area, Alaska.

The data are arranged according to the subquadrangles into which the 1:250,000 scale Petersburg, Sumdum, Sitka, Port Alexander, and Bradfield Canal quadrangles are divided. Column 1 contains the sample number keyed to plate 1. The latitude and longitude in degrees, minutes, and seconds are shown in column 2 and 3. The remaining columns list the elements for which data are available.

The element column heading is coded as follows:

S-Fe% -Semiquantitative spectrographic analyses of iron in percent.

S-Mn -Semiquantitative spectrographic analyses of manganese in ppm (parts per million)

Other row codes are:

N =not detected

— =no data available

< =detected, but below the limit of determination, or below value shown

> =greater than upper limit of determination, or greater than value shown

Because of the formating used in the computer program that produced table 5, some of the elements listed in this table (Fe, Mg, Co, Ti, Ag, and Be) carry one or more nonsignificant zeros to the right of the significant digits. The analyst did not determine these elements to the accuracy suggested by the extra zeros.

The lower and upper limits of determination for semiquantitative emission spectrographic analyses for heavy-mineral concentrates from stream sediments are as follows:

Element	Lower detection limit	Upper detection limit
Iron (Fe)	0.1%	50%
Magnesium (Mg)	.05	20
Calcium (Ca)	.1	50
Titanium (Ti)	.005	2
Manganese (Mn)	20 ppm	10,000 ppm
Silver (Ag)	1	10,000
Arsenic (As)	500	20,000
Gold (Au)	20	1,000
Boron (B)	20	5,000
Barium (Ba)	50	10,000
Beryllium (Be)	2	2,000
Bismuth (Bi)	20	2,000
Cadmium (Cd)	50	1,000
Cobalt (Co)	10	5,000
Chromium (Cr)	20	10,000
Copper (Cu)	10	50,000
Lanthanum (La)	50	2,000
Molybdenum (Mo)	10	5,000
Niobium (Nb)	50	5,000
Nickel (Ni)	10	10,000
Lead (Pb)	20	50,000
Antimony (Sb)	200	20,000
Scandium (Sc)	10	200
Tin (Sn)	20	2,000
Strontium (Sr)	200	10,000
Vanadium (V)	20	20,000
Tungsten (W)	100	20,000
Yttrium (Y)	20	5,000
Zinc (Zn)	500	20,000
Zirconium (Zr)	20	2,000
Thorium (Th)	200	5,000

Analytical results of the C-3 fraction of heavy-mineral concentrates from stream sediments begin on p. .

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Table 1.--Statistical summary of the analytical results for stream sediment, nonmagnetic fraction of heavy-mineral concentrates from stream sediments, stream-sediment pebbles, and rock, Petersburg area, southeast Alaska

[See page 4 for explanation. Table pages run from 11 to 14]

Method of analysis	Element	Sample type	Data based on the qualified population: Number of samples N	L	G	Data based on the unqualified population: Number of values	Range of values	Geometric mean	Geometric deviation	Arithmetic mean	Standard deviation	Percentile distribution based on n samples analyzed: 25th	50th	75th	80th	90th	95th	97.5	99th
		SS	0	0	0	1449	0.5 - 20	5.5	1.8	6.4	3.7	3.5	5.3	8.5	9.4	11.6	14.2	16	17.3
S	Fe	C-3	0	0	0	1430	.2 - 50	3.6	2.1	4.8	4.4	2.1	4	6	6.6	8.1	11.6	16.8	21.1
		Peb	0	0	0	442	.1 - 15	2.9	1.8	3.3	1.7	2.7	3.2	3.7	4.0	5.1	6.4	7.8	10
		Rx	6	16	3	6958	.05 - 20	3.4	2.4	4.7	3.5	2.3	3.8	5.7	6.7	9.5	11.4	13.9	18.2
		SS	0	0	0	1449	.1 - 10	1.7	1.9	2.1	1.5	1.1	1.8	2.8	3.1	4.1	5.1	6	7.5
S	Mg	C-3	0	3	0	1427	.05 - 20	1.3	2.2	1.8	1.9	.89	1.4	2	2.2	3.9	5	6.1	10.4
		Peb	0	2	0	440	.02 - 10	6.8	2.6	.94	.78	.57	.75	1.06	1.14	2.1	2.4	2.6	3.5
		Rx	2	30	6	6937	.02 - 10	1.2	3.2	1.9	1.7	.83	1.6	2.5	2.8	4.0	5.3	7.1	9.6
		SS	0	0	0	1449	.15 - 20	2	2.4	2.8	2.5	1.1	2.1	3.9	4.5	6.2	7.6	8.9	11.4
S	Ca	C-3	0	0	0	1430	.2 - 100	8	1.9	10	8.6	5.5	7.4	10.7	11.6	21.1	25	38.4	47.6
		Peb	1	15	0	426	.05 - 20	1.2	2.5	1.7	1.97	.83	1.3	2.0	2.2	2.9	3.7	5.6	10.3
		Rx	8	81	86	6800	.02 - 20	1.6	3.7	3.3	3.2	.82	2.0	4.1	4.8	9.1	15.4	22.2	--
		SS	0	0	23	1426	.05 - 1	.57	1.4	.6	.2	.43	.54	.74	.79	.97	1.1	1.2	--
S	Ti	C-3	0	0	882	548	.03 - 5	1.4	1.8	1.6	.64	2	--	--	--	--	--	--	--
		Peb	0	2	0	440	.002 - 1	1.7	2.3	.22	.15	.13	.20	.27	.31	.39	.50	.6	--
		Rx	5	6	96	6868	.002 - 5	.26	2.5	.36	.25	.19	.31	.48	.52	.79	.97	1.1	--
		SS	0	0	43	1406	50 - 5000	1484	1.7	1742.2	1106.8	1029.4	1476.3	2118.4	2468.8	3871.9	5045.7	--	--
S	Mn	C-3	0	0	0	1430	50 - 10000	1197.6	1.7	1360.7	680.1	971.3	1355.8	1638.3	1701.5	2051.4	2427.5	2818.3	3603.2
		Peb	1	0	0	441	10 - 5000	4.8	2.3	643.4	599.6	384.7	571.4	728.1	764.3	934.2	1311.8	2146	--
		Rx	5	0	39	6931	3 - 5000	75.1	2.4	1022.1	722.9	490.8	879.9	1348.6	1521.6	2040	2473.3	3407.3	4653.7
		SS	1318	102	0	29	.5 - 20	.97	2.8	2.2	4.1	--	--	--	--	--	--	--	--
S	Ag	C-3	1315	1	0	114	1 - 500	4.6	4	16.3	53.1	--	--	--	--	--	2.3	7.6	19.4
		Peb	431	0	0	11	.5 - 7	1.4	2.4	2.1	2.4	--	--	--	--	--	--	--	1.1
		Rx	6331	300	0	344	.5 - 700	1.4	4.5	12.7	57.1	--	--	--	--	--	--	.8	3.7
		SS	1448	0	0	1	200 - 200	--	--	200	--	--	--	--	--	--	---	--	--
S	As	C-3	1401	1	0	28	500 - 20000	2429.1	2.7	4178.6	5433.5	--	--	--	--	--	--	--	2176.7
		Peb	437	1	0	4	200 - 3000	7.4	3	1150	1255.7	--	--	--	--	--	--	--	--
		Rx	6880	30	4	61	200 - 10000	534.1	3.4	1436	2704.7	--	--	--	--	--	--	--	--
		SS	1449	0	0	0	-- - --	--	--	--	--	--	--	--	--	--	--	--	--
S	Au	C-3	1420	2	0	8	20 - 1000	157.3	3.9	308.8	339.2	--	--	--	--	--	--	--	--
		Peb	442	0	0	0	-- - --	--	--	--	--	--	--	--	--	--	--	--	--
		Rx	6972	0	0	3	10 - 30	18.1	1.7	20	10	--	--	--	--	--	--	--	--
		SS	8	107	0	1334	10 - 100	23.6	1.9	29.4	33.8	12.5	22	35.1	40	52	66.2	79.1	101.4
S	B	C-3	7	174	1	1248	20 - 5000	62.9	2.5	128.3	385.2	--	54.5	81	94.7	165.1	316.2	535.3	1737.8
		Peb	6	201	0	235	10 -150	16	1.8	19.6	17.7	--	--	16.1	20.7	28.9	35	40.6	76
		Rx	407	2563	0	4005	7 - 2000	19.7	2.1	29	54.9	--	9.3	19.9	24.1	43.3	65.5	94.2	119.5
		SS	0	0	2	1447	50 - 5000	52.9	1.7	612	420	371.1	511.9	719.5	772.1	991.2	1178	1565.3	2408.5
S	Ba	C-3	6	2	97	1325	30 - 10000	506.6	2.8	1021.6	1898.3	279.8	469.6	1020.4	1216.6	6381.1	--	--	--
		Peb	7	3	1	431	20 - 5000	253.8	2.3	355.9	373.4	149.1	223.1	447	520.1	735	968.2	1210.3	1661.2
		Rx	181	59	37	6698	20 - 5000	446.3	2.6	678.5	678.5	228.5	490.2	849.4	965.2	1321.6	2028	2759.6	4606.4
		SS	199	289	0	961	1 -10	1.3	1.6	1.4	1.1	--	--	--	--	2.2	2.9	3.7	5.2
S	Be	C-3	646	8	0	776	2 - 200	2.3	1.5	2.9	7.7	--	--	--	--	--	3.4	5.6	8.2
		Peb	320	1	0	121	1 - 10	1.4	1.7	1.7	1.3	--	--	--	--	--	2.7	3.5	4.5
		Rx	1887	853	0	4235	1 - 500	1.4	1.7	1.9	7.9	--	--	1.3	1.7	2.5	3.6	5.1	7.5

Table 1.--Continued

Method of analysis	Element	Sample type	Data based on the qualified population: Number of samples N	L	G	Data based on the unqualified population: Number of values	Range of values	Geometric mean	Geometric deviation	Arithmetic mean	Standard deviation	Percentile distribution based on n samples analyzed: 25th	50th	75th	80th	90th	95th	97.5	99th
		SS	1448	1	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--
S	Bi	C-3	1419	0	0	11	20 - 700	126.2	3.3	226.4	249.5	--	--	--	--	--	--	--	--
		Peb	441	0	0	1	10 - 10	--	--	10	--	--	--	--	--	--	--	--	--
		Rx	6950	5	0	20	10 -200	17.2	2.5	31.5	50.8	--	--	--	--	--	--	--	--
		SS	1447	1	0	1	30 - 30	--	--	30	--	--	--	--	--	--	--	--	--
S	Cd	C-3	1351	0	1	78	50 - 500	120.7	1.7	137.9	76.4	--	--	--	--	--	--	133.8	202.2
		Peb	440	0	0	2	70 - 200	118.3	2.1	135	91.9	--	--	--	--	--	--	--	--
		Rx	6911	12	7	45	20 - 500	125.3	2.8	198.2	171.3	--	--	--	--	--	--	--	--
		SS	2	1	0	1446	5 - 100	21.6	1.5	23.5	10.4	16.9	22.7	30.3	32.2	36.5	41.4	49.2	54.5
S	Co	C-3	72	12	0	1346	10 -300	14.7	1.8	19.1	22.5	--	--	21.8	25	35.1	49.6	68.2	96.5
		Peb	42	6	0	394	5 - 100	9.9	1.8	11.9	9.2	--	9.2	13.9	15	17.6	25.6	35	48.1
		Rx	1022	159	0	5794	5 - 300	18.2	2	23.1	17.7	5.9	15.9	28.5	31.9	41.3	50.4	55.7	76.7
		SS	3	0	1	1445	10 - 3000	95.1	2.1	128.2	144.9	57.7	88.3	147.3	169.1	249.7	354.2	505.4	727.6
S	Cr	C-3	45	0	0	1385	20 - 5000	138.6	2.5	223.1	328.7	72.7	134	206.3	236.1	463.1	739.2	1114.4	1818.6
		Peb	167	0	0	275	10 - 1000	32.2	2.6	54.7	85.9	--	--	35.2	44.1	78.4	153	234.3	327.7
		Rx	1461	277	0	5237	1 5000	59.4	2.9	113.8	190.9	5.6	35.3	90.2	112.9	215.8	344.5	507.1	760.5
		SS	0	6	0	1443	5 - 300	27.9	2.1	36	27.7	18.3	29.1	46.9	51.8	68	79.9	101.6	138.5
S	Cu	C-3	3	70	~~0~~	1357	10 - 2000	50.3	3	94.4	150	16.6	45	117.8	136.4	189.1	275.5	408.5	673.8
		Peb	1	34	0	407	5 - 10000	26.3	2.6	69.6	502.5	9.9	21.6	54.1	61.5	78.4	107	166.2	291.5
		Rx	268	915	1	5791	5 - 20000	29.4	3	70.5	423.7	--	22.3	56.1	68	103.1	145.7	215.9	367.6
		SS	235	243	0	971	20 - 500	29.9	1.8	37.1	36.9	--	--	30.8	36.4	52.5	77.3	109.8	180.5
S	La	C-3	114	7	0	1309	50 - 2000	218.7	2.9	378.2	432.3	69.5	181.3	450.1	546.8	913.4	1174.9	--	--
		Peb	392	0	0	50	20 - 150	28.9	1.7	34.6	26.5	--	--	--	--	--	--	41.2	72
		Rx	3575	595	2	2803	20 - 1000	34.4	1.8	48	48.1	--	--	--	31.5	49.2	66.5	93.4	122.7
		SS	1132	108	0	209	5 - 50	7.4	1.6	8.4	55.5	--	--	--	--	--	8.5	12	15.9
S	Mo	C-3	1302	6	0	122	10 - 700	29.3	2.8	56.6	94.7	--	--	--	--	--	18.3	50.7	90.1
		Peb	398	14	0	30	5 - 300	8.5	2.5	19.3	53.9	--	--	--	--	--	--	7	19.9
		Rx	6246	166	0	563	5 - 1000	9.9	2.3	21.2	75.4	--	--	--	--	--	--	11.5	26.1
		SS	1290	112	0	47	20 - 100	28.3	1.6	32.3	21.1	--	--	--	--	--	--	--	33
S	Nb	C-3	144	13	0	1273	20 - 5000	292.9	2.8	485.2	517.4	89.2	242	540.4	708	1092.4	1458.9	1851.3	2414.3
		Peb	408	2	0	32	20 - 100	35.9	1.7	40.9	22.3	--	--	--	--	--	27.6	38.3	70.1
		Rx	5748	552	0	675	15 - 2000	27.8	1.7	37.8	94	--	--	--	--	--	24.1	33.9	57.8
		SS	4	2	0	1443	5 - 300	29.8	1.8	35.6	23.3	22.1	30.9	42.6	47.4	61.8	78.4	97.4	115.9
S	Ni	C-3	86	14	0	1330	10 - 1000	15.8	2.4	27.7	53.2	--	--	--	25.8	64.6	99.8	147.9	216.4
		Peb	7	50	0	385	5 - 300	12.8	23.8	19.9	25.8	--	9.9	19.8	24	42	58.2	88.3	111.3
		Rx	486	748	0	5741	5 - 1500	19.6	2.6	32.6	49.9	--	14.6	33.6	39.9	65.8	95.3	116.1	167.2
		SS	2	22	0	1425	10 - 2000	18.6	1.8	24.8	59.6	--	17.6	25.2	28.9	44.5	59.4	73.6	90
S	Pb	C-3	482	351	0	597	20 - 5000	49.3	2.7	128.5	437.2	--	--	29.9	42.8	77.4	149.6	279.5	940.5
		Peb	234	130	0	78	10 - 70	14.7	1.7	17.2	12.5	--	--	--	--	--	19.6	26	41.2
		Rx	986	1384	4	4601	5 - 20000	17	2.1	56.1	600.2	--	8.8	18.1	20.8	30.1	46.6	68.9	148.4
		SS	1449	0	0	0	-- - --	--	--	--	--	--	--	--	--	--	--	--	--
S	Sb	C-3	1428	0	0	2	200 - 200	--	--	200	--	--	--	--	--	--	--	--	--
		Peb	440	0	0	2	100 - 100	--	--	100	--	--	--	--	--	--	--	--	--
		Rx	6958	2	0	15	100 - 5000	437	5	1383.3	1865.8	--	--	--	--	--	--	--	--

Table 1.--Continued

Method of analysis	Element	Sample type	Data based on the qualified population: Number of samples N	L	G	Data based on the unqualified population: Number of values	Range of values	Geometric mean	Geometric deviation	Arithmetic mean	Standard deviation	Percentile distribution based on n samples analyzed: 25th	50th	75th	80th	90th	95th	97.5	99th
		SS	0	1	0	1448	5 - 70	19.1	1.5	20.7	8.8	14.6	19.7	26.5	28.9	34.3	37.4	43.8	51.5
S	Sc	C-3	1	5	0	1424	10 - 200	17.3	1.9	22.2	23.7	--	17.9	27.3	30.2	36.9	52	76.6	156.4
		Peb	72	37	0	333	5 - 100	7.2	1.6	8.3	7.3	--	--	7.5	8	11.6	15.6	20.1	33.4
		Rx	624	320	3	6028	5 - 100	16	1.8	19.3	12.5	7.1	14.8	24.2	26.8	34.8	42.1	50.3	55.9
		SS	1436	0	0	13	10 - 300	22.6	30.8	79.6	84.4	--	--	--	--	--	--	--	--
S	Sn	C-3	1186	4	0	239	15 - 2000	55.3	3.5	159	327.5	--	--	--	--	28.3	68.8	282.1	718.8
		Peb	439	2	0	1	15 - 15	--	--	15	--	--	--	--	--	--	--	--	--
		Rx	6755	62	0	158	10 - 1000	18.3	2.2	33	84.9	--	--	--	--	--	--	--	14.8
		SS	1	1	0	1447	100 - 2000	410.6	1.7	470.5	253	294.1	410.1	550.5	611.4	790	979.3	1113.9	1203.3
S	Sr	C-3	77	1	8	1344	200 - 10000	1072.3	2.9	2018.1	2713.1	444.1	844.7	1837.4	2251.5	5311.9	9707.9	10997.4	11852
		Peb	72	0	0	370	100 - 2000	226.9	2	294.1	240.4	--	201.4	339.7	372.5	554.9	710.9	805.3	1104.6
		Rx	745	76	2	6152	100 - 5000	434.8	2	546	379.5	209.8	404.8	666	748.7	990.6	1157.9	1425.6	1800.4
		SS	0	0	0	1449	20 - 700	193.1	1.5	208	84.4	153	206.2	259.4	282.4	338.3	370.2	415.9	509.8
S	V	C-3	0	0	0	1430	20 - 2000	394.3	1.8	454.5	232.5	288.8	413.8	554.4	606.5	741	819.1	1011.9	1169.1
		Peb	20	7	0	415	10 - 1500	86.2	2.3	117.8	111	43.3	96.2	148	161.4	211	255.9	347	503.5
		Rx	42	194	0	6739	10 - 2000	110.1	2.6	155.8	122.2	69.1	134.3	215.3	233.2	296	364.1	451.9	546.6
		SS	1431	12	0	6	50 - 70	52.9	1.1	53.3	8.2	--	--	--	--	--	--	--	--
S	W	C-3	1281	16	0	133	100 - 5000	262.8	3.1	600.4	1037.2	--	--	--	--	--	151.5	475.7	1935.7
		Peb	442	0	0	0	-- - --	--	--	--	--	--	--	--	--	--	--	--	--
		Rx	6947	24	0	4	50 - 70	543	1.1	55	10	--	--	--	--	--	--	--	--
		SS	0	0	0	1949	10 - 200	28.8	1.6	32.4	18.1	21.6	28.9	38	42.2	52.6	64.4	76.1	93.3
S	Y	C-3	6	3	0	1421	20 - 5000	317.4	2.9	503	460.9	158.8	357.1	699.8	859.9	1170.5	1458	1642.8	1764.7
		Peb	123	97	0	222	10 - 100	18.4	1.8	22.6	17.5	--	--	19.9	22.9	32.1	40.2	53.3	--
		Rx	401	232	1	6341	10 - 2000	24.5	1.7	29.6	352	15.1	23	33.7	36.7	49.7	63.3	77.8	106.8
		SS	1026	314	0	109	200 - 5000	252.5	1.7	322.9	499.4	--	--	--	--	--	--	--	406
S	Zn	C-3	1164	29	1	236	500 - 20000	1738.8	2.9	3253	4418.8	--	--	--	--	1043.5	3136.6	5549.2	12774.3
		Peb	382	32	1	27	200 - 2000	307.7	2.1	433.3	484.4	--	--	--	--	--	--	277.4	1031.2
		Rx	5520	1054	26	375	200 - 10000	301	2.2	585.3	1374.8	--	--	--	--	--	--	--	705.8
		SS	0	0	1	1448	10 - 1000	125.5	1.8	155.5	137.8	83.4	111.2	180.8	206.6	283.3	395.8	560.3	835.7
S	Zr	C-3	1	0	905	524	20 - 5000	980	2.4	1276	699.1	1861.9	--	--	--	--	--	--	--
		Peb	22	0	0	420	10 - 1000	82.7	2.1	113.7	124.3	50.2	76.1	114	130.3	210.4	279.3	533.9	712.3
		Rx	220	13	7	6755	10 - 1000	93.2	2	122.3	113.8	55.7	92.3	143.6	166.1	230.2	304.1	427.8	637.5
		SS	1044	0	0	1	300 - 300	--	--	300	--	--	--	--	--	--	--	--	--
S	Th	C-3	1332	3	0	95	200 - 5000	475.7	2.2	654.7	658.3	--	--	--	--	--	--	605.2	1079.8
		Peb	442	0	0	0	-- - --	--	--	--	--	--	--	--	--	--	--	--	--
		Rx	6865	4	0	2	1000 - 2000	1414.2	1.6	1500	707.1	--	--	--	--	--	--	--	--
		SS	1373	14	0	43	0.1 - 3.5	.26	2.9	.51	.84	--	--	--	--	--	--	--	--
AA	Au	C-3	--	--	--	--	-- - --	--	--	--	--	--	--	--	--	--	--	--	--
		Peb	367	62	0	12	.05 - .9	.11	2.8	.20	.25	--	--	--	--	--	--	--	--
		Rx	6779	71	0	110	.05 - 180	.45	8.7	6.5	22.2	--	--	--	---	--	--	--	--
		SS	11	38	0	1389	1 - 1000	18.3	2	23.5	30.9	9.2	18.2	29.1	33.3	45	53	63.2	79.5
AA	Cu	C-3	--	--	--	--	-- - --	--	--	--	--	--	--	--	--	--	--	--	--
		Peb	1	31	0	410	5 - 1800	32.7	2.4	51.2	104.7	15	30.9	54.2	61.8	85	121	167.4	281.3
		Rx	283	752	0	5939	1 - 25000	25	2.8	67.1	538.9	4.3	20	43.7	50.6	80.2	125.1	188.3	299.5

Table 1.--Continued

Method of analysis	Element	Sample type	Data based on the qualified population: Number of samples N	L	G	Data based on the unqualified population: Number of values	Range of values	Geometric mean	Geometric deviation	Arithmetic mean	Standard deviation	Percentile distribution based on n samples analyzed: 25th	50th	75th	80th	90th	95th	97.5	99th
		SS	1	3	0	1418	1 - 800	14.3	1.8	18	31.9	8.3	13.7	19.9	21.6	25.5	35.9	50.6	77.5
AA	Pb	C-3	--	--	--	--	-- - --	--	--	--	--	--	--	--	--	--	--	--	--
		Peb	8	38	0	383	5 - 280	10.8	1.8	13.7	18.2	--	8.4	14.3	15.9	20.8	24.9	39.1	66.2
		Rx	57	254	0	5956	1 - 106000	11.5	2.2	91.1	1907.1	4.6	10.5	15.8	17.5	22.9	27.3	41.2	194.1
		SS	0	1	0	1437	10 - 4500	71.2	1.7	86.7	139.7	49.9	70.1	97.3	104.3	119.9	160.3	220.8	394.1
AA	Zn	C-3	--	--	--	--	-- - --	--	--	--	--	--	--	--	--	--	--	--	--
		Peb	1	4	0	436	5 - 45000	51	2.6	194.4	2173.4	30.5	51	80.9	92.6	128.8	212.3	412.6	1034.4
		Rx	7	53	0	6914	1 - 224000	52.3	2.5	358.1	5446.7	34	56.8	82.7	91.8	113.2	145.5	213	708.2
		SS	779	383	0	199	1 - 30	1.8	2	2.4	3.1	--	--	--	--	--	2	3.2	5.5
CM	W	C-3	--	--	--	--	-- - --	--	--	--	--	--	--	--	--	--	--	--	--
		Peb	317	75	0	49	1 - 10	1.5	1.8	1.9	1.6	--	--	--	--	--	--	2.3	4
		Rx	1426	180	0	183	1 - 50	1.7	1.9	2.5	4.6	--	--	--	--	--	1.4	2.4	3.7
		SS	0	1	0	295	1.1 - 39.5	3.7	2	5.1	5.7	2.3	3.1	4.9	5.8	11.9	18.5	2.4	31.7
CM	Th	C-3	--	--	--	--	-- - --	--	--	--	--	--	--	--	--	--	--	--	--
		Peb	--	--	--	--	-- - --	--	--	--	--	--	--	--	--	--	--	--	--
		SS	0	0	0	75	100 - 500	296.6	1.4	310.7	92.4	247.8	321.5	--	--	--	--	--	--
Sl	F	C-3	--	--	--	--	-- - --	--	--	--	--	--	--	--	--	--	--	--	--
		Peb	--	--	--	--	-- - --	--	--	--	--	--	--	--	--	--	--	--	--
		SS	0	65	0	571	2.5 - 43.5	6.9	1.5	7.6	4.1	4.4	6.2	8.7	9.7	12.4	15.8	17.8	23.2
AC	Th	C-3	--	--	--	--	-- - --	--	--	--	--	--	--	--	--	--	--	--	--
		Peb	--	--	--	--	-- - --	--	--	--	--	--	--	--	--	--	--	--	--
		SS	0	10		0635	1.1 - 37.5	3	1.6	3.5	2.7	2.1	2.8	3.8	4.4	5.8	7.5	10.2	15.4
AC	U	C-3	--	--	--	--	-- - --	--	--	--	--	--	--	--	--	--	--	--	--
		Peb	--	--	--	--	-- - --	--	--	--	--	--	--	--	--	--	--	--	--
		SS	0	29	0	267	.7 - 43.5	6.1	1.8	7.1	4.5	4	5.8	8.3	9.3	11.7	15.3	18.4	23.4
Inst	U	C-3	--	--	--	--	-- - --	--	--	--	--	--	--	--	--	--	--	--	--
		Peb	--	--	--	--	-- - --	--	--	--	--	--	--	--	--	--	--	--	--

Table 2.--Enrichment above rock crustal abundance for selected percentiles of the chalcophile, siderophile, and lithophile elements in the Petersburg area, southeast Alaska

[See page 5 for explanation. Table pages run from 15 to 18]

Element	Element class	Crustal abundance[1]	Sample type	Percentiles							
				25th	50th	75th	80th	90th	95th	97.5	99th
Fe------	Siderophile	5.6	SS	0.63	0.95	1.5	1.7	2.1	2.5	2.9	3.1
			C-3	.38	.71	1.1	1.2	1.4	2.1	3	4.3
			Peb	.48	.57	.66	.71	.91	1.1	1.4	1.8
			Rx	.41	.67	1.0	1.1	1.6	2	2.4	3.2
Mg------	Lithophile	2.3	SS	.48	.78	1.2	1.4	1.8	2.2	2.6	3.3
			C-3	.39	.61	.87	.96	1.7	2.2	2.7	4.5
			Peb	.25	.33	.46	.50	.91	1	1.13	1.6
			Rx	.36	.69	1.0	1.2	1.7	2.3	3.0	4.1
Ca------	Lithophile	4.1	SS	.27	.51	.95	1.09	1.5	1.9	2.2	2.8
			C-3	1.3	1.8	2.6	2.8	5.1	6.1	9.4	11.9
			Peb	.20	.32	.49	.54	.71	.90	1.4	2.7
			Rx	.20	.48	1.0	1.1	2.2	3.7	5.4	--
Ti------	Lithophile	.57	SS	.75	.95	1.3	1.4	1.7	1.9	2.1	--
			C-3	3.5	--	--	--	--	--	--	--
			Peb	.23	.35	.47	.54	.68	.88	1.1	--
			Rx	.33	.54	.84	.91	1.3	1.7	1.9	--
Mn------	Lithophile	950	SS	1.1	1.6	2.3	2.6	4.1	5.3	--	--
			C-3	1	1.4	1.7	1.8	2.2	2.6	3	4.1
			Peb	.40	.60	.77	.80	.98	1.4	2.6	--
			Rx	.51	.92	1.4	1.6	2.1	2.6	3.5	5.2
Ag------	Chalcophile	.07	SS	--	--	--	--	--	--	--	--
			C-3	--	--	--	--	--	32.9	108.6	277.1
			Peb	--	--	--	--	--	--	--	15.7
			Rx	--	--	--	--	--	--	11.4	51.4
As------	Chalcophile	1.8	SS	--	--	--	--	--	--	--	--
			C-3	--	--	--	--	--	--	--	1209.2
			Peb	--	--	--	--	--	--	--	--
			Rx	--	--	--	--	--	--	--	--
Au------	Siderophile	<.05	SS	--	--	--	--	--	--	--	--
			C-3	--	--	--	--	--	--	--	--
			Peb	--	--	--	--	--	--	--	--
			Rx	--	--	--	--	--	--	--	--
B-------	Lithophile	10	SS	1.3	2.2	3.5	4	5.2	6.6	7.9	10.1
			C-3	--	5.5	8.1	9.5	16.5	31.6	53.5	173.8
			Peb	--	--	1.6	2.1	2.9	3.5	4.1	7.6
			Rx	--	.93	1.9	2.4	4.3	6.5	9.4	11.9
Ba------	Lithophile	425	SS	.87	1.2	1.7	1.8	2.3	2.8	3.7	5.7
			C-3	.66	1.1	2.4	2.9	15	--	--	--
			Peb	.35	.52	1.1	1.2	1.8	2.3	2.8	3.9
			Rx	.53	1.1	1.9	2.2	3.1	4.7	6.4	10.8
Be------	Lithophile	2.8	SS	--	--	--	--	.79	1	1.3	1.9
			C-3	--	--	--	--	--	1.2	2	2.9
			Peb	--	--	--	--	--	.96	1.3	1.5
			Rx	--	--	.46	.60	.89	1.2	1.8	2.6

Table 2.--Continued

Element	Element class	Crustal abundance[1]	Sample type	Percentiles							
				25th	50th	75th	80th	90th	95th	97.5	99th
Bi------	Chalcophile	.17	SS	--	--	--	--	--	--	--	--
			C-3	--	--	--	--	--	--	--	--
			Peb	--	--	--	--	--	--	--	--
			Rx	--	--	--	--	--	--	--	--
Cd------	Chalcophile	.2	SS	--	--	--	--	--	--	--	--
			C-3	--	--	--	--	--	--	669	1011
			Peb	--	--	--	--	--	--	--	--
			Rx	--	--	--	--	--	--	--	--
Co------	Siderophile	25	SS	.68	.91	1.2	1.3	1.5	1.7	2	2.2
			C-3	--	--	.9	1	1.4	2	2.7	3.9
			Peb	--	.37	.56	.6	.7	1	1.4	1.9
			Rx	.23	.63	1.1	1.2	1.6	2.0	2.2	3.0
Cr------	Lithophile	100	SS	.58	.88	1.5	1.7	2.5	3.5	5.1	7.3
			C-3	.73	1.3	2.1	2.4	4.6	7.4	11.4	18.2
			Peb	--	--	.35	.44	.78	.15	2.3	3.3
			Rx	.05	.35	.90	1.1	2.1	3.4	5.0	7.6
Cu------	Chalcophile	55	SS	.33	.53	.85	.94	1.2	1.5	1.8	2.5
			C-3	.30	.82	2.1	2.5	3.4	5	7.4	12.3
			Peb	.18	.39	.98	1.1	1.4	1.9	3	5.3
			Rx	--	.40	1.0	1.2	1.8	2.6	3.9	6.6
La------	Lithophile	25	SS	--	--	1.2	1.5	2.1	3.1	4.4	7.2
			C-3	2.8	7.3	18	21.9	36.5	47	--	--
			Peb	--	--	--	--	--	--	1.6	2.9
			Rx	--	--	--	1.2	1.9	2.6	3.7	4.9
Mo------	Siderophile	1.5	SS	--	--	--	--	--	5.7	10	10.6
			C-3	--	--	--	--	--	12.2	33.8	60.1
			Peb	--	--	--	--	--	--	4.7	13.3
			Rx	--	--	--	--	--	--	7.6	17.4
Nb------	Lithophile	20	SS	--	--	--	--	--	--	--	1.7
			C-3	4.5	12.1	27	35.4	54.6	72.9	92.6	120.7
			Peb	--	--	--	--	--	1.4	1.9	3.5
			Rx	--	--	--	--	--	1.2	1.6	2.8
Ni------	Siderophile	75	SS	.29	.41	.57	.63	.82	1	1.3	1.5
			C-3	--	--	--	.34	.86	1.3	2	2.9
			Peb	--	.13	.26	.32	.56	.78	1.2	1.5
			Rx	--	.19	.44	.53	.87	1.2	1.5	2.2
Pb------	Chalcophile	12.5	SS	--	1.4	2	2.3	3.6	4.8	5.9	7.2
			C-3	--	--	2.4	3.4	6.2	12	22.4	75.2
			Peb	--	--	--	--	--	1.6	2.1	3.3
			Rx	--	.70	1.4	1.6	2.4	3.7	5.5	11.8
Sb------	Chalcophile	.2	SS	--	--	--	--	--	--	--	--
			C-3	--	--	--	--	--	--	--	--
			Peb	--	--	--	--	--	--	--	--
			Rx	--	--	--	--	--	--	--	--

Table 2.--Continued

Element	Element class	Crustal abundance[1]	Sample type	Percentiles							
				25th	50th	75th	80th	90th	95th	97.5	99th
Sc------	Lithophile	22	SS	.66	.90	1.2	1.3	1.6	1.7	2	2.3
			C-3	--	.81	1.2	1.4	1.7	2.4	3.5	7.1
			Peb	--	--	.34	.36	.52	.71	.91	1.5
			Rx	.32	.67	1.1	1.2	1.5	1.9	2.2	2.5
Sn------	Siderophile	2	SS	--	--	--	--	--	--	--	--
			C-3	--	--	--	--	14.2	34.4	141.1	359.4
			Peb	--	--	--	--	--	--	--	--
			Rx	--	--	--	--	--	--	--	7.4
Sr------	Lithophile	375	SS	.78	1.1	1.5	1.6	2.1	2.6	3	3.2
			C-3	1.2	2.6	4.9	6	14.2	25.9	29.3	31.6
			Peb	--	.54	.91	.99	1.5	1.9	2.1	2.9
			Rx	.55	1.0	1.7	1.9	2.6	3.0	3.8	4.8
V-------	Lithophile	135	SS	1.1	1.5	1.9	2.1	2.5	2.7	3.1	3.8
			C-3	2.1	3.1	4.1	4.5	5.5	6.1	7.5	8.7
			Peb	.32	.71	1.1	1.2	1.6	1.9	2.6	3.7
			Rx	5	.99	1.5	1.7	2.1	2.6	3.3	4.0
W-------	Lithophile	1.5	SS	--	--	--	--	--	--	--	--
			C-3	--	--	--	--	--	101	317.1	1290.5
			Peb	--	--	--	--	--	--	--	--
			Rx	--	--	--	--	--	--	--	--
Y-------	Lithophile	33	SS	.65	.88	1.2	1.3	1.6	2	2.3	2.8
			C-3	4.8	10.8	21.2	26.1	35.5	44.2	49.8	53.5
			Peb	--	--	.60	.69	.97	1.2	1.6	--
			Rx	.45	.69	1.0	1.1	1.5	1.9	2.3	3.2
Zn------	Chalcophile	70	SS	--	--	--	--	--	--	--	5.8
			C-3	--	--	--	--	14.9	44.8	79.3	182.5
			Peb	--	--	--	--	--	--	4	14.7
			Rx	--	--	--	--	--	--	--	10.1
Zr------	Lithophile	165	SS	.51	.67	1.1	1.3	1.7	2.4	3.4	5.1
			C-3	11.3	--	--	--	--	--	--	--
			Peb	.30	.46	.69	.79	1.3	1.7	3.2	4.3
			Rx	.33	.55	.87	1.0	1.3	1.8	2.5	3.8
Th------	Lithophile	9.6	SS	--	--	--	--	--	--	--	--
			C-3	--	--	--	--	--	--	63	112.5
			Peb	--	--	--	--	--	--	--	--
			Rx	--	--	--	--	--	--	--	--
Au------	Siderophile	<.05	SS	--	--	--	--	--	--	--	--
			C-3	--	--	--	--	--	--	--	--
			Peb	--	--	--	--	--	--	--	--
			Rx	--	--	--	--	--	--	--	2.2
Cu------	Chalcophile	55	SS	.17	.33	.53	.61	.82	.96	1.1	1.4
			C-3	--	--	--	--	--	--	--	--
			Peb	.27	.56	.99	1.1	1.5	2.2	3	5.1
			Rx	.07	.36	.79	.92	1.4	2.2	3.4	5.4

Table 2.--Continued

Element	Element class	Crustal abundance[1]	Sample type	Percentiles							
				25th	50th	75th	80th	90th	95th	97.5	99th
			SS	.66	1.1	1.6	1.7	2	2.9	4	6.2
Pb------	Chalcophile	12.5	C-3	--	--	--	--	--	--	--	--
			Peb	--	.67	1.1	1.3	1.7	2	3.1	5.3
			Rx	.36	.84	1.2	1.4	1.8	2.1	3.2	15.5
			SS	.71	1	1.4	1.5	1.7	2.3	3.2	5.6
Zn------	Chalcophile	70	C-3	--	--	--	--	--	--	--	--
			Peb	.44	.73	1.2	1.3	1.8	3	5.9	14.8
			Rx	.48	.81	1.1	1.3	1.6	2.0	3.0	10.1
			SS	--	--	--	--	--	1.3	2.1	3.7
W-------	Lithophile	1.5	C-3	--	--	--	--	--	--	--	--
			Peb	--	--	--	--	--	--	1.5	2.7
			Rx	--	--	--	--	--	.93	1.6	2.4
			SS	.24	.32	.51	.60	1.2	1.9	2.5	3.3
Th------	Lithophile	9.6	C-3	--	--	--	--	--	--	--	--
			Peb	--	--	--	--	--	--	--	--
			SS	.40	.51	--	--	--	--	--	--
F-------	Lithophile	625	C-3	--	--	--	--	--	--	--	--
			Peb	--	--	--	--	--	--	--	--
			Rx								
			SS	.46	.65	.91	1	1.3	1.6	1.9	2.4
Th------	Lithophile	9.6	C-3	--	--	--	--	--	--	--	--
			Peb	--	--	--	--	--	--	--	--
			SS	.78	1	1.4	1.6	2.1	2.8	3.8	5.7
Ac-U----	Lithophile	2.7	C-3	--	--	--	--	--	--	--	--
			Peb	--	--	--	--	--	--	--	--
(Inst)			SS	1.5	2.1	3.1	3.4	4.3	5.7	6.8	8.7
U-------	Lithophile	2.7	C-3	--	--	--	--	--	--	--	--
			Peb	--	--	--	--	--	--	--	--

Table 3.--Analytical results for 1,449 stream-sediment samples, Petersburg study area, southeast Alaska.

[See page 6 for explanation. Table pages run from 20 to 130]

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES

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
						Petersburg A1								
0106	56 10 44	132 19 10	7.0	2.0	5.00	>1.00	1,500	N	N	N	15	500	N	N
0107	56 11 10	132 16 57	7.0	2.0	7.00	1.00	1,500	N	N	N	15	700	<1.0	N
0108	56 11 9	132 15 45	5.0	2.0	5.00	.70	1,500	N	N	N	20	700	<1.0	N
0109	56 10 55	132 14 33	5.0	2.0	5.00	.70	1,500	N	N	N	20	700	<1.0	N
0110	56 9 43	132 11 2	5.0	2.0	3.00	.70	1,000	N	N	N	30	700	<1.0	N
0111	56 8 22	132 9 23	5.0	2.0	3.00	.70	1,000	N	N	N	20	700	<1.0	N
0112	56 7 57	132 8 47	7.0	3.0	3.00	.70	1,000	N	N	N	20	700	<1.0	N
0113	56 7 22	132 7 35	5.0	3.0	2.00	.70	700	N	N	N	20	700	<1.0	N
0114	56 6 33	132 7 28	5.0	3.0	2.00	.70	700	N	N	N	20	500	<1.0	N
0115	56 6 9	132 6 28	5.0	3.0	7.00	1.00	1,000	N	N	N	20	500	<1.0	N
0116	56 5 55	132 8 32	3.0	2.0	2.00	.70	700	N	N	N	20	700	<1.0	N
0117	56 5 19	132 11 40	5.0	3.0	5.00	1.00	1,000	N	N	N	20	300	N	N
0118	56 7 24	132 13 33	7.0	3.0	5.00	1.00	1,500	N	N	N	30	700	<1.0	N
0119	56 9 6	132 16 32	10.0	2.0	5.00	>1.00	1,500	N	N	N	15	300	N	N
0120	56 9 25	132 15 55	15.0	3.0	7.00	1.00	1,500	N	N	N	15	700	N	N
0121	56 8 18	132 15 36	15.0	1.5	1.50	>1.00	2,000	.5	N	N	10	200	N	N
0122	56 8 11	132 15 45	7.0	2.0	5.00	>1.00	1,500	N	N	N	15	500	<1.0	N
0123	56 6 43	132 14 0	5.0	3.0	7.00	1.00	1,500	N	N	N	20	300	N	N
0124	56 6 17	132 15 45	5.0	3.0	5.00	1.00	1,500	N	N	N	20	500	<1.0	N
0126	56 14 0	132 18 26	5.0	2.0	3.00	.50	1,000	N	N	N	50	700	N	N
0128	56 14 12	132 14 25	5.0	2.0	5.00	.50	700	N	N	N	50	500	<1.0	N
0129	56 13 41	132 12 47	5.0	2.0	5.00	.50	1,000	N	N	N	50	500	<1.0	N
0130	56 12 30	132 16 0	3.0	2.0	5.00	.50	1,000	N	N	N	50	500	<1.0	N
0131	56 11 43	132 12 22	5.0	2.0	3.00	.50	1,500	N	N	N	50	700	<1.0	N
0132	56 12 3	132 10 0	3.0	2.0	2.00	.70	2,000	N	N	N	50	700	<1.0	N
0133	56 12 9	132 9 56	5.0	2.0	3.00	.50	1,000	N	N	N	50	500	<1.0	N
0134	56 10 56	132 8 50	5.0	3.0	2.00	.50	1,500	N	N	N	50	700	<1.0	N
0135	56 10 0	132 7 5	5.0	2.0	1.50	.50	1,000	N	N	N	50	700	<1.0	N
0348	56 9 14	132 6 15	3.0	3.0	1.50	.50	500	N	N	N	30	700	<1.0	N
0349	56 7 46	132 5 10	2.0	1.0	2.00	.50	500	N	N	N	50	300	<1.0	N
0350	56 9 3	132 3 30	3.0	2.0	2.00	.50	1,000	N	N	N	30	500	<1.0	N
0351	56 8 50	132 3 9	5.0	2.0	3.00	.70	1,500	N	N	N	30	500	N	N
0352	56 14 2	132 3 40	5.0	2.0	2.00	.50	1,000	N	N	N	30	700	<1.0	N
0353	56 12 45	132 2 15	5.0	2.0	3.00	.70	1,500	N	N	N	50	700	N	N
0354	56 14 43	132 5 5	7.0	3.0	7.00	.50	1,500	N	N	N	20	300	<1.0	N
0355	56 13 36	132 5 15	5.0	2.0	1.50	.70	1,000	N	N	N	70	700	<1.0	N
0356	56 14 42	132 5 3	3.0	3.0	5.00	.50	1,000	N	N	N	30	300	<1.0	N
0357	56 14 7	132 3 30	5.0	3.0	5.00	.50	1,500	N	N	N	30	700	<1.0	N
0358	56 14 56	132 7 48	7.0	3.0	7.00	.50	1,500	N	N	N	15	300	N	N
0341	56 0 28	132 12 28	20.0	10.0	15.00	>1.00	5,000	N	N	N	30	700	1.0	N

SS-1/111

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES

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	S-ZN
								Petersburg A1									
0106	N	30	100	50	<20	N	<20	30	10	N	30	N	500	200	N	15	N
0107	N	15	100	15	20	N	N	30	30	N	30	N	500	200	N	15	N
0108	N	15	150	20	20	N	N	30	30	N	15	N	500	200	N	15	N
0109	N	20	100	15	<20	N	N	30	30	N	30	N	500	200	N	30	N
0110	N	20	300	30	<20	N	N	70	30	N	20	N	500	200	N	15	N
0111	N	15	200	30	<20	N	N	50	30	N	20	N	500	200	N	20	N
0112	N	20	300	100	20	N	N	70	20	N	30	N	500	200	N	30	N
0113	N	20	300	30	20	N	N	100	20	N	20	N	500	200	N	15	N
0114	N	20	300	30	20	15	N	70	20	N	20	N	500	200	<50	20	N
0115	N	20	300	20	<20	N	N	50	20	N	50	N	500	700	N	20	N
0116	N	15	200	20	20	N	N	70	30	N	15	N	500	200	N	15	N
0117	N	20	150	50	<20	N	N	30	20	N	30	N	500	500	N	20	N
0118	N	20	150	30	<20	10	N	50	20	N	30	N	500	300	N	20	N
0119	N	30	100	70	<20	N	<20	30	15	N	20	N	500	300	N	30	N
0120	N	15	100	20	20	5	N	30	15	N	30	N	500	300	N	50	N
0121	N	30	100	50	N	N	<20	20	<10	N	20	N	300	150	N	30	N
0122	N	20	100	50	<20	N	<20	30	15	N	30	N	300	200	N	30	N
0123	N	20	200	30	<20	N	N	30	20	N	30	N	300	500	N	30	N
0124	N	20	100	20	<20	N	N	30	30	N	20	N	300	200	N	30	N
0126	N	20	150	15	<20	15	N	50	15	N	20	N	500	200	N	30	N
0128	N	15	200	20	<20	N	N	50	20	N	20	N	500	200	N	20	N
0129	N	20	300	20	20	15	N	70	20	N	20	N	500	200	50	20	N
0131	N	15	200	15	20	N	N	50	20	N	20	N	500	200	N	20	N
0131	N	20	300	20	<20	N	N	100	20	N	30	N	500	200	N	30	N
0132	N	30	300	30	<20	N	N	100	20	N	20	N	500	200	N	15	N
0133	N	20	300	30	<20	5	<20	100	20	N	20	N	500	200	N	20	N
0134	N	30	300	30	<20	N	N	100	20	N	20	N	500	200	N	15	N
0135	N	20	300	30	20	N	N	100	20	N	20	N	300	200	N	20	N
0343	N	15	300	20	<20	N	N	100	20	N	15	N	500	150	N	15	N
0349	N	10	100	7	<20	N	N	50	20	N	10	N	500	70	N	10	N
0350	N	15	200	20	20	N	N	70	20	N	15	N	500	100	N	20	N
0351	N	15	300	15	20	N	N	70	20	N	20	N	500	150	N	30	N
0352	N	20	300	30	20	N	N	100	20	N	15	N	500	200	N	15	N
0353	N	20	200	20	20	N	N	70	20	N	30	N	500	200	N	30	N
0354	N	20	300	10	<20	N	N	50	15	N	30	N	500	300	N	30	N
0355	N	20	300	50	20	N	N	100	20	N	20	N	300	200	N	20	N
0356	N	15	300	15	20	15	N	100	20	N	20	N	300	200	N	20	N
0357	N	20	300	30	20	N	N	100	15	N	30	N	500	200	N	30	N
0358	N	30	700	10	20	N	N	100	15	N	15	N	500	200	N	30	N
0841	N	50	700	70	30	N	20	100	50	N	30	N	500	300	N	70	N

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES

Sample	S-ZR	S-TH	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P	CM-W-P	CM-TH-T	SI-F	AC-TH	AC-U	U-INST
						Petersburg A1						
0106	100	--	N	15	10	40	1	1.92	--	4.40	1.92	4.40
0107	100	--	N	5	10	50	1	4.45	--	10.30	4.45	10.30
0108	70	--	N	10	15	60	1	2.42	--	8.20	2.42	8.20
0109	100	--	N	5	15	60	1	2.71	--	9.00	2.71	9.00
0110	70	--	N	15	15	55	2	--	--	--	--	--
0111	70	--	N	10	10	40	N	1.58	--	5.63	1.58	5.63
0112	70	--	N	15	15	40	<1	1.83	--	5.96	1.83	5.96
0113	100	--	N	20	15	55	1	1.83	--	4.90	1.83	4.90
0114	70	--	N	15	15	45	2	1.73	--	4.10	1.73	4.10
0115	70	--	N	10	10	35	<1	1.44	--	<2.00	1.44	<2.00
0116	100	--	N	10	10	30	<1	1.60	--	4.40	1.60	4.40
0117	70	--	N	20	10	55	<1	1.80	--	3.10	1.80	3.10
0118	100	--	N	10	15	75	--	--	--	--	--	--
0119	100	--	N	20	10	55	1	2.49	--	7.10	2.49	7.10
0120	100	--	N	10	15	70	N	3.72	--	9.84	3.72	9.84
0121	100	--	N	10	10	40	3	3.03	--	7.10	3.03	7.10
0122	100	--	N	15	15	65	<1	2.92	--	5.90	2.92	5.90
0123	100	--	N	10	15	45	1	1.53	--	4.70	1.53	4.70
0124	100	--	N	10	20	55	1	5.01	--	6.20	5.01	6.20
0126	70	--	N	10	15	30	1	--	--	--	--	--
0128	100	--	N	10	15	35	<1	--	--	--	--	--
0129	100	--	N	10	15	35	2	--	--	--	--	--
0130	100	--	N	5	10	25	N	--	--	--	--	--
0131	100	--	N	10	10	40	N	--	--	--	--	--
0132	70	--	N	15	20	45	<1	--	--	--	--	--
0133	100	--	N	15	15	45	<1	--	--	--	--	--
0134	70	--	N	15	15	55	1	--	--	--	--	--
0135	70	--	N	15	15	45	<1	--	--	--	--	--
0348	70	--	N	10	5	50	N	--	--	--	--	--
0349	70	--	N	5	5	25	<1	--	--	--	--	--
0350	70	--	N	10	5	50	<1	--	--	--	--	--
0351	100	--	N	5	5	40	N	--	--	--	--	--
0352	70	--	N	15	10	70	N	--	--	--	--	--
0353	150	--	N	5	10	45	N	--	--	--	--	--
0354	100	--	N	5	5	40	<1	--	--	--	--	--
0355	100	--	N	15	10	65	N	--	--	--	--	--
0356	70	--	N	5	5	40	N	--	--	--	--	--
0357	100	--	N	10	10	60	N	--	--	--	--	--
0358	200	--	N	<5	5	25	N	--	--	--	--	--
0841	1,000	N	N	10	15	70	<2	--	--	4.60	2.86	--

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
0842	56 1 15	132 16 55	20.0	5.0	10.00	>1.00	5,000	N	N	N	30	700	2.0	N
0843	56 1 45	132 12 8	7.0	3.0	2.00	.50	1,500	N	N	N	10	500	1.0	N
0844	56 1 18	132 12 38	10.0	7.0	7.00	1.00	2,000	N	N	N	15	300	1.0	N
0845	56 2 30	132 12 50	10.0	5.0	7.00	1.00	2,000	N	N	N	10	300	1.0	N
0846	56 3 2	132 13 2	10.0	5.0	7.00	.50	1,500	N	N	N	10	500	1.0	N
0847	56 1 30	132 10 22	7.0	5.0	5.00	.50	2,000	N	N	N	10	500	1.0	N
0848	56 1 0	132 9 55	15.0	7.0	5.00	1.00	3,000	N	N	N	20	300	1.0	N
0849	56 5 0	132 13 42	10.0	7.0	2.00	.50	2,000	N	N	N	15	500	1.0	N
0850	56 4 27	132 15 30	7.0	3.0	2.00	.70	1,000	N	N	N	10	300	3.0	N
0851	56 12 52	132 16 45	7.0	3.0	5.00	.50	1,000	N	N	N	20	300	1.0	N
0852	56 12 12	132 14 40	7.0	7.0	7.00	.50	1,500	N	N	N	30	500	1.0	N
0853	56 4 52	132 19 28	7.0	3.0	5.00	1.00	1,000	N	N	N	<10	500	2.0	N
0854	56 5 0	132 19 35	10.0	5.0	7.00	>1.00	2,000	N	N	N	15	300	5.0	N
0855	56 1 40	132 2 20	7.0	7.0	7.00	.70	2,000	N	N	N	15	300	1.0	N
0856	56 4 30	132 2 36	7.0	5.0	5.00	.50	1,500	N	N	N	30	300	1.0	N
0858	56 4 20	132 1 15	7.0	5.0	7.00	.30	1,000	N	N	N	20	300	N	N
0859	56 9 10	132 1 10	7.0	5.0	2.00	.30	1,500	N	N	N	10	200	1.0	N
0861	56 12 0	132 1 31	7.0	5.0	7.00	.50	1,500	N	N	N	30	300	1.0	N
0862	56 13 22	132 1 42	7.0	7.0	7.00	.50	1,500	N	N	N	30	500	1.0	N
		Petersburg A2--continued												
0053	56 14 31	132 35 44	3.0	1.5	1.00	.50	2,000	N	N	N	30	300	<1.0	N
0054	56 13 57	132 36 40	3.0	.5	.50	.20	>5,000	N	N	N	30	100	1.5	N
0055	56 13 35	132 39 37	3.0	1.5	1.50	.50	1,000	N	N	N	30	500	1.0	N
0060	56 8 8	132 39 20	5.0	1.5	2.00	.50	3,000	<.5	N	N	30	500	N	N
0061	56 7 44	132 39 9	5.0	1.5	3.00	.30	2,000	N	N	N	20	300	N	N
0067	56 4 8	132 38 4	5.0	1.5	1.00	.50	>5,000	N	N	N	30	700	<1.0	N
0068	56 5 29	132 37 15	5.0	2.0	1.00	.50	5,000	N	N	N	50	300	N	N
0069	56 5 1	132 35 20	5.0	1.5	2.00	.50	>5,000	N	N	N	30	500	<1.0	N
0070	56 7 0	132 34 42	3.0	1.0	1.50	.30	5,000	N	N	N	20	200	1.0	N
0071	56 7 30	132 34 55	5.0	2.0	3.00	.50	2,000	N	N	N	15	300	<1.0	N
0072	56 8 11	132 35 25	5.0	2.0	5.00	1.00	1,500	N	N	N	20	500	N	N
0073	56 9 10	132 35 50	5.0	2.0	5.00	.70	1,500	N	N	N	20	500	<1.0	N
0074	56 10 14	132 35 30	5.0	1.5	2.00	.70	2,000	N	N	N	20	700	<1.0	N
0075	56 9 13	132 34 31	5.0	1.5	2.00	.70	1,000	N	N	N	30	700	<1.0	N
0076	56 8 38	132 34 40	5.0	1.5	3.00	1.00	1,500	N	N	N	15	700	<1.0	N
0077	56 6 25	132 32 25	5.0	3.0	7.00	.50	2,000	N	N	N	20	200	N	N
0079	56 5 24	132 32 30	5.0	1.5	3.00	1.00	1,000	N	N	N	20	700	<1.0	N
0080	56 4 10	132 29 1	5.0	2.0	1.00	.70	1,500	N	N	N	50	700	N	N
0081	56 5 20	132 28 20	7.0	2.0	5.00	.70	1,500	N	N	N	10	700	<1.0	N
0082	56 8 30	132 28 30	5.0	2.0	5.00	1.00	1,500	N	N	N	20	700	<1.0	N

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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	S-ZN
0842	N	30	50	70	70	N	20	5	70	N	30	N	300	300	N	70	N
0843	N	20	200	10	N	N	N	50	15	N	20	N	500	200	N	50	N
0844	N	50	700	70	N	N	N	100	20	N	20	N	700	200	N	20	<200
0845	N	30	200	20	50	N	N	30	20	N	20	N	700	200	N	30	<200
0846	N	20	150	50	50	N	N	20	30	N	15	N	700	200	N	30	N
0847	N	20	200	10	N	N	N	50	30	N	15	N	700	200	N	30	N
0848	N	30	150	70	50	N	30	20	50	N	20	N	700	300	N	50	N
0849	N	30	500	10	20	N	N	50	50	N	15	N	700	200	N	50	N
0850	N	30	70	15	70	N	<20	20	70	N	15	N	500	150	N	50	N
0851	N	15	200	<5	20	N	N	30	20	N	15	N	700	150	N	20	N
0852	N	20	200	7	20	N	N	50	15	N	20	N	700	200	N	20	N
0853	N	15	70	15	70	N	N	15	70	N	15	30	300	150	N	30	N
0854	N	20	100	20	70	N	30	15	70	N	15	N	300	200	N	100	N
0855	N	30	150	7	N	N	N	30	15	N	15	N	700	100	N	20	N
0856	N	20	500	7	N	N	N	100	15	N	15	N	500	100	N	20	N
0858	N	30	700	30	N	N	N	100	30	N	15	N	700	200	N	15	N
0859	N	20	200	15	N	N	N	50	20	N	15	N	500	100	N	50	N
0861	N	15	300	7	N	N	N	50	30	N	15	N	700	200	N	30	N
0862	N	30	500	30	20	N	N	100	70	N	15	N	700	200	N	20	N

Petersburg A2--continued

0053	N	20	30	20	20	N	N	20	20	N	10	N	300	100	N	15	N
0054	N	50	15	10	20	15	N	20	50	N	7	N	100	70	N	10	N
0055	N	15	70	20	20	10	N	30	50	N	15	N	300	100	N	20	N
0060	N	30	200	200	<20	N	N	30	150	N	20	N	300	200	N	15	200
0061	N	20	150	70	<20	<5	N	30	30	N	30	N	300	200	N	15	N
0067	N	30	70	20	<20	N	N	30	30	N	15	N	300	200	N	15	N
0068	N	15	150	50	<20	5	N	30	20	N	15	N	300	200	N	15	N
0069	N	20	100	30	<20	N	N	30	30	N	15	N	300	200	N	15	<200
0070	N	20	30	20	30	5	<20	7	30	N	10	N	300	200	N	30	N
0071	N	20	100	50	<20	N	N	30	30	N	20	N	300	200	N	20	N
0072	N	20	150	50	<20	N	N	30	20	N	30	N	300	200	N	30	N
0073	N	20	70	50	<20	N	N	30	20	N	20	N	300	150	N	30	N
0074	N	15	70	30	20	10	N	30	30	N	15	N	300	200	N	20	<200
0075	N	20	150	30	<20	N	N	50	30	N	20	N	300	200	N	20	N
0076	N	15	50	20	<20	N	N	20	20	N	20	N	300	200	N	20	N
0077	N	30	300	100	N	10	N	70	10	N	20	N	300	300	N	10	N
0079	N	15	70	15	30	10	N	50	30	N	10	N	500	200	N	20	N
0080	N	15	70	70	<20	N	N	30	50	N	15	N	300	200	N	15	N
0081	N	20	50	30	<20	N	N	20	30	N	15	N	300	200	N	20	N
0082	N	20	50	20	20	N	N	20	30	N	20	N	300	200	N	30	N

SS-5

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--continued

Sample	S-ZR	S-TH	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P	CM-W-P	CM-TH-T	SI-F	AC-TH	AC-U	U-INST
0842	1,000	N	N	10	10	70	<2	--	--	10.80	5.67	--
0843	100	N	N	5	10	60	<2	--	--	4.60	2.08	--
0844	200	N	N	35	15	70	N	--	--	4.90	1.43	--
0845	200	N	N	5	10	80	N	--	--	7.59	2.60	--
0846	200	N	N	N	5	25	N	--	--	8.40	3.63	--
0847	200	N	N	5	15	60	<2	--	--	4.10	2.06	--
0848	200	N	N	10	15	85	<2	--	--	6.70	3.38	--
0849	150	N	N	<5	10	45	N	--	--	3.70	1.55	--
0850	200	N	N	10	25	95	<2	--	--	17.30	9.96	--
0851	200	N	N	5	10	20	<2	--	--	--	--	--
0852	150	N	N	5	5	25	N	--	--	--	--	--
0853	300	N	N	10	35	90	2	--	--	<6.80	14.70	--
0854	700	N	N	15	30	120	3	--	--	28.40	12.90	--
0855	150	N	N	5	15	45	<2	--	--	3.80	1.72	--
0856	100	N	N	10	15	45	N	--	--	6.60	1.46	--
0858	50	N	N	20	20	75	N	--	--	4.30	1.38	--
0859	100	N	N	5	5	25	<2	--	--	5.80	1.95	--
0861	300	N	N	5	10	40	N	--	--	5.10	2.33	--
0862	200	N	N	20	15	90	N	--	--	4.70	2.17	--
						Petersburg A2--continued						
0053	70	--	.60	10	20	90	2	3.77	--	9.50	3.77	9.50
0054	50	--	N	10	65	90	3	5.30	--	13.00	5.30	13.00
0055	100	--	N	10	20	85	1	6.97	--	9.30	6.97	9.30
0060	70	--	N	60	80	190	N	<88.00	--	<600.00	<88.00	<600.00
0061	50	--	N	30	25	70	N	9.00	--	<5.10	9.00	<5.10
0067	100	--	N	5	20	50	<1	--	--	6.30	2.92	--
0068	70	--	N	15	20	85	<1	--	--	--	--	--
0069	100	--	N	15	20	120	N	--	--	--	--	--
0070	300	--	N	10	25	80	1	11.80	--	--	--	3.10
0071	70	--	N	25	20	75	<1	2.17	--	4.30	2.17	4.30
0072	100	--	N	15	15	50	1	3.36	--	6.10	3.36	6.10
0073	70	--	N	15	15	60	<1	3.07	--	11.00	3.07	11.00
0074	70	--	N	10	20	90	2	4.45	--	7.40	4.45	7.40
0075	70	--	N	10	15	55	1	2.77	--	12.00	2.77	12.00
0076	70	--	N	10	10	40	1	2.89	--	7.00	2.89	7.00
0077	70	--	N	50	15	50	N	1.59	--	<2.30	1.59	<2.30
0079	100	--	N	5	10	35	<1	3.22	--	9.79	3.22	9.79
0080	70	--	N	30	20	70	<1	4.11	--	<8.50	4.11	<8.50
0081	100	--	N	10	15	50	<1	2.77	--	9.10	2.77	9.10
0082	100	--	N	5	15	45	<1	3.60	--	7.80	3.60	7.80

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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
0083	56 10 5	132 27 23	5.0	3.0	5.00	1.00	2,000	N	N	N	50	500	<1.0	N
0084	56 10 18	132 28 10	5.0	2.0	5.00	.70	1,500	N	N	N	30	700	<1.0	N
0085	56 9 25	132 28 0	7.0	2.0	5.00	>1.00	2,000	N	N	N	30	700	<1.0	N
0086	56 8 11	132 26 10	3.0	1.5	2.00	1.00	1,500	N	N	N	20	700	1.0	N
0087	56 6 36	132 24 56	2.0	1.0	1.50	.70	1,000	N	N	N	15	300	1.0	N
0088	56 4 56	132 25 0	5.0	1.5	2.00	1.00	1,000	N	N	N	20	500	1.0	N
0089	56 3 40	132 26 58	5.0	1.5	2.00	.70	1,500	N	N	N	20	500	1.0	N
0098	56 13 56	132 24 30	7.0	2.0	7.00	1.00	1,500	N	N	N	10	300	<1.0	N
0099	56 12 17	132 29 5	5.0	2.0	5.00	1.00	1,500	N	N	N	20	500	<1.0	N
0100	56 11 10	132 30 33	3.0	1.5	3.00	.70	1,500	N	N	N	20	700	<1.0	N
0101	56 11 0	132 29 28	3.0	1.5	5.00	.70	1,500	N	N	N	20	700	<1.0	N
0102	56 10 0	132 22 30	5.0	2.0	3.00	1.00	5,000	N	N	N	20	700	2.0	N
0103	56 9 42	132 21 49	7.0	3.0	5.00	1.00	2,000	N	N	N	15	500	<1.0	N
0104	56 10 44	132 20 10	5.0	1.5	5.00	.70	1,500	N	N	N	20	700	<1.0	N
0105	56 10 38	132 20 10	10.0	2.0	3.00	>1.00	2,000	N	N	N	20	300	<1.0	N
0297	56 10 50	132 34 17	7.0	2.0	1.00	.50	1,500	N	N	N	30	700	1.0	N
0298	56 11 5	132 36 32	7.0	2.0	2.00	.50	1,000	N	N	N	30	700	1.0	N
0299	56 10 56	132 39 18	10.0	3.0	2.00	.70	1,000	N	N	N	20	700	N	N
0300	56 11 31	132 36 8	15.0	3.0	2.00	>1.00	3,000	N	N	N	30	500	N	N
0301	56 2 2	132 22 10	10.0	3.0	2.00	1.00	1,000	N	N	N	20	700	N	N
0302	56 2 23	132 22 21	7.0	2.0	2.00	.70	1,000	N	N	N	50	700	1.0	N
0303	56 3 37	132 20 3	10.0	3.0	3.00	1.00	1,500	N	N	N	10	700	1.0	N
0304	56 1 23	132 20 15	10.0	2.0	1.00	.50	500	N	N	N	20	700	N	N
0342	56 12 58	132 23 3	5.0	2.0	7.00	.70	1,500	N	N	N	<10	300	N	N
0343	56 11 40	132 24 10	5.0	2.0	5.00	1.00	1,500	N	N	N	10	500	<1.0	N
0344	56 11 30	132 24 50	5.0	2.0	5.00	>1.00	1,500	N	N	N	15	300	N	N
0345	56 11 15	132 27 15	3.0	2.0	7.00	.70	1,500	N	N	N	20	700	<1.0	N
0346	56 12 25	132 26 46	7.0	3.0	7.00	.70	1,500	N	N	N	10	300	N	N
0347	56 12 45	132 24 40	5.0	2.0	7.00	.70	1,500	N	N	N	10	500	N	N
0359	56 14 11	132 30 32	3.0	1.0	2.00	.70	1,500	N	N	N	20	500	1.0	N
0360	56 14 57	132 30 50	2.0	1.0	2.00	.50	1,500	N	N	N	20	700	1.0	N
0361	56 14 57	132 30 58	3.0	.7	1.50	.50	2,000	N	N	N	15	500	1.5	N
0831	56 6 20	132 28 20	7.0	3.0	7.00	.70	2,000	N	N	N	10	1,500	5.0	N
0832	56 5 50	132 33 45	15.0	7.0	5.00	.50	>5,000	N	N	N	70	700	2.0	N
0833	56 7 3	132 28 25	5.0	2.0	5.00	.50	2,000	N	N	N	10	700	10.0	N
0834	56 6 28	132 26 36	5.0	.7	2.00	.50	1,500	N	N	N	<10	500	3.0	N
0835	56 7 40	132 23 40	7.0	.7	2.00	.50	1,500	N	N	N	<10	300	7.0	N
0836	56 3 5	132 28 5	10.0	5.0	7.00	.70	3,000	N	N	N	30	1,000	2.0	N
0837	56 1 58	132 25 10	15.0	5.0	10.00	.70	5,000	N	N	N	30	1,000	1.0	N
0838	56 1 40	132 26 40	1.0	5.0	7.00	.70	5,000	N	N	N	30	1,000	3.0	N

55-F

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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	S-ZN
0083	N	3C	100	50	<20	N	N	30	30	N	20	N	300	200	N	30	N
0084	N	1C	100	20	20	N	N	30	30	N	20	N	500	200	N	20	N
0085	N	2C	70	30	20	15	<20	50	20	N	20	N	300	200	N	30	N
0086	N	1C	30	15	50	5	<20	7	70	N	15	N	300	150	N	30	N
0087	N	7	10	5	30	N	<20	5	30	N	10	N	150	70	N	30	N
0088	N	15	50	20	50	5	<20	15	50	N	15	N	200	150	N	30	N
0089	N	15	30	50	50	N	N	20	30	N	15	N	300	200	N	30	N
0098	N	3C	70	50	<20	N	<20	30	30	N	20	N	300	200	N	20	N
0099	N	15	50	10	20	5	N	30	30	N	20	N	200	150	N	15	N
0100	N	15	70	30	20	N	N	30	30	N	15	N	300	150	N	15	N
0101	N	1C	70	15	20	N	N	30	30	N	15	N	500	150	N	15	N
0102	N	30	150	30	50	5	<20	50	30	N	20	N	300	200	N	20	200
0103	N	3C	150	30	50	N	<20	50	20	N	20	N	300	200	N	20	N
0104	N	15	100	20	20	N	N	30	20	N	15	N	500	200	N	10	N
0105	N	2C	150	15	20	N	<20	30	10	N	30	N	300	200	N	20	N
0297	N	3C	100	30	20	N	N	30	15	N	15	N	500	100	N	30	N
0298	N	2C	150	20	20	N	N	30	10	N	30	N	700	200	N	50	N
0299	N	3C	150	50	50	N	N	30	10	N	30	N	500	200	N	30	N
0300	N	3C	70	50	20	N	N	20	10	N	30	N	500	300	N	50	N
0301	N	3C	150	50	20	N	N	30	20	N	30	N	700	200	N	50	N
0302	N	3C	200	50	20	N	N	70	20	N	20	N	500	200	N	50	N
0303	N	3C	150	30	70	N	N	30	20	N	30	N	500	200	N	70	N
0304	N	3C	100	70	20	N	N	50	20	N	20	N	500	200	N	30	N
0342	N	3C	150	150	<20	N	N	30	15	N	30	N	700	300	N	20	N
0343	N	2C	100	50	20	N	N	30	20	N	20	N	500	200	N	20	N
0344	N	3C	150	30	<20	N	<20	30	10	N	20	N	500	200	N	20	N
0345	N	2C	100	20	20	N	N	30	20	N	20	N	500	200	N	30	N
0346	N	5C	300	150	<20	N	N	70	15	N	30	N	500	300	N	30	N
0347	N	3C	200	70	<20	N	N	50	20	N	30	N	700	300	N	30	N
0359	N	15	70	20	50	10	<20	20	50	N	15	N	300	150	N	20	N
0360	N	1C	30	15	50	N	N	20	30	N	10	N	300	150	N	20	N
0361	N	15	30	20	70	15	<20	30	50	N	10	N	200	100	N	30	N
0831	N	2C	70	30	150	N	<20	100	70	N	15	N	500	100	N	70	200
0832	N	5C	150	20	50	N	N	30	70	N	15	N	500	300	N	30	N
0833	N	15	70	7	100	7	20	10	70	N	10	N	500	100	N	70	N
0834	N	5	20	5	50	N	<20	5	50	N	10	N	200	100	N	50	N
0835	N	5	70	10	50	N	<20	5	70	N	10	N	200	100	N	50	N
0836	N	2C	150	15	20	N	N	30	70	N	30	N	1,000	300	N	70	N
0837	N	2C	150	15	30	N	N	20	70	N	30	N	1,000	300	N	70	N
0838	N	2C	150	10	30	N	N	20	50	N	30	N	1,000	300	N	70	N

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--continued

Sample	S-ZR	S-TH	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P	CM-W-P	CM-TH-T	SI-F	AC-TH	AC-U	U-INST
0083	100	--	N	15	20	70	1	2.64	--	9.70	2.64	9.70
0084	100	--	N	10	10	40	1	--	--	--	--	--
0085	150	--	N	10	10	45	1	9.10	--	11.00	9.10	11.00
0086	70	--	N	5	15	50	1	5.90	--	15.30	5.90	15.30
0087	100	--	N	<5	5	35	1	2.50	--	--	--	1.70
0088	100	--	N	10	20	65	2	17.20	--	23.00	17.20	23.00
0089	100	--	N	10	10	65	<1	--	--	--	--	--
0098	100	--	N	25	15	70	<1	3.80	--	<4.30	3.80	<4.30
0099	100	--	N	5	10	40	--	--	--	--	--	--
0100	100	--	N	10	10	40	1	2.82	--	4.60	2.82	4.60
0101	100	--	N	5	10	25	<1	2.51	--	6.59	2.51	6.59
0102	100	--	N	15	20	190	3	12.90	--	18.00	12.90	18.00
0103	100	--	N	15	10	55	2	4.22	--	9.12	4.22	9.12
0104	100	--	N	15	10	40	1	1.97	--	4.90	1.97	4.90
0105	100	--	N	10	10	40	2	4.25	--	18.40	4.25	18.40
0297	150	--	N	20	25	85	<1	--	--	--	--	--
0298	150	--	N	15	20	80	N	--	--	--	--	--
0299	150	--	N	25	20	65	N	--	--	--	--	--
0300	500	--	N	15	20	90	<1	--	--	--	--	--
0301	200	--	N	20	10	65	N	3.18	--	4.90	3.18	4.90
0302	200	--	N	20	10	55	--	--	--	--	--	--
0303	500	--	N	15	15	60	<1	--	--	--	--	--
0304	150	--	N	35	15	120	N	1.55	--	4.50	1.55	4.50
0342	70	--	N	60	10	85	<1	1.34	--	<2.10	1.34	<2.10
0343	100	--	N	10	10	50	N	2.51	--	6.69	2.51	6.69
0344	100	--	N	5	10	35	N	1.37	--	2.50	1.37	2.50
0345	100	--	N	10	10	35	N	1.87	--	6.86	1.87	6.86
0346	100	--	N	50	10	60	N	2.71	--	6.79	2.71	6.79
0347	70	--	N	40	10	55	N	1.56	--	4.70	1.56	4.70
0359	100	--	N	5	5	40	N	12.50	--	16.70	12.50	16.70
0360	70	--	N	5	5	40	<1	4.74	--	9.67	4.74	9.67
0361	100	--	N	5	15	60	1	20.50	--	25.60	20.50	25.60
0831	300	N	N	5	20	120	<2	--	--	<6.60	16.30	--
0832	200	N	N	10	20	80	N	--	--	--	--	--
0833	300	N	N	N	20	60	3	--	--	6.90	2.31	--
0834	300	N	N	N	15	60	2	--	--	16.70	13.30	--
0835	300	N	N	<5	15	65	2	--	--	<11.00	30.40	--
0836	300	N	N	<5	5	60	N	--	--	5.40	3.29	--
0837	200	N	N	N	5	80	N	--	--	6.90	3.77	--
0838	200	N	N	5	10	65	N	--	--	7.28	3.46	--

55-9

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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
0839	56 0 50	132 23 0	15.0	7.0	7.00	.70	2,000	N	N	N	50	1,500	2.0	N
084C	56 3 48	132 21 10	15.0	7.0	10.00	.70	1,500	N	N	N	20	700	2.0	N
					Petersburg A3--continued									
0001A	56 14 13	132 51 38	5.0	1.5	.50	.70	3,000	N	N	N	10	500	<1.0	N
0001B	56 14 13	132 51 38	5.0	1.0	.50	.70	5,000	N	N	N	10	700	<1.0	N
0002A	56 14 51	132 48 19	3.0	.7	.70	.70	1,500	N	N	N	15	500	1.0	N
0002B	56 14 51	132 48 19	5.0	1.0	.70	1.00	1,500	N	N	N	15	500	<1.0	N
0037A	56 14 34	132 52 10	3.0	1.0	.70	.50	3,000	N	N	N	20	300	<1.0	N
0037B	56 14 34	132 52 10	3.0	.7	.70	.50	2,000	N	N	N	15	300	<1.0	N
0039A	56 13 0	132 56 10	3.0	.7	1.50	.50	1,500	N	N	N	50	300	<1.0	N
0039B	56 13 0	132 56 10	3.0	1.0	1.50	.50	1,500	N	N	N	50	300	<1.0	N
0040A	56 12 26	132 57 51	3.0	1.5	5.00	.70	1,500	N	N	N	30	300	<1.0	N
0040B	56 12 26	132 57 51	2.0	.7	1.50	.30	700	N	N	N	20	700	<1.0	N
0056	56 12 37	132 41 30	3.0	1.0	1.50	.30	1,500	N	N	N	30	500	1.0	N
0057	56 12 12	132 40 41	3.0	1.0	1.50	.30	1,000	N	N	N	30	700	<1.0	N
0058	56 10 1	132 41 10	3.0	1.5	1.50	.50	1,000	N	N	N	20	700	<1.0	N
0059	56 9 19	132 40 38	5.0	1.0	2.00	.50	3,000	N	N	N	20	300	<1.0	N
0062	56 9 25	132 42 6	5.0	2.0	7.00	.30	2,000	N	N	N	20	200	N	N
0063	56 7 48	132 42 24	3.0	1.5	5.00	.30	1,000	N	N	N	20	700	<1.0	N
0064	56 7 4	132 42 0	3.0	1.5	2.00	.30	5,000	N	N	N	20	200	<1.0	N
0065	56 6 0	132 40 49	5.0	1.5	1.50	.50	5,000	N	N	N	30	500	<1.0	N
0066	56 4 41	132 40 11	5.0	2.0	1.00	.50	3,000	N	N	N	50	700	<1.0	N
0078	56 8 53	132 40 51	5.0	1.0	1.50	.50	3,000	N	N	N	30	300	1.5	N
0765	56 13 47	132 59 39	10.0	3.0	10.00	.70	1,500	N	N	N	10	200	2.0	N
0766	56 14 26	132 58 53	10.0	3.0	7.00	.50	2,000	N	N	N	10	500	1.0	N
0767	56 15 15	132 54 45	7.0	2.0	2.00	.30	2,000	N	N	N	20	200	1.0	N
0768	56 10 32	132 59 5	7.0	3.0	2.00	.50	2,000	N	N	N	10	300	1.0	N
0785	56 8 5	132 54 56	10.0	5.0	7.00	.50	1,500	N	N	N	15	500	N	N
0786	56 8 0	132 55 0	7.0	5.0	7.00	.50	1,000	N	N	N	15	700	N	N
0787	56 7 59	132 55 13	7.0	5.0	7.00	.50	2,000	N	N	N	10	500	N	N
0788	56 7 7	132 53 9	10.0	10.0	7.00	.50	1,500	N	N	N	20	300	N	N
0789	56 7 15	132 54 55	10.0	5.0	7.00	.50	2,000	N	N	N	15	500	N	N
0790	56 6 29	132 51 25	15.0	7.0	7.00	.50	5,000	N	N	N	15	300	N	N
0791	56 3 23	132 56 48	10.0	5.0	2.00	.50	5,000	N	N	N	30	300	N	N
0792	56 3 24	132 57 1	10.0	2.0	2.00	.50	3,000	N	N	N	70	500	2.0	N
0793	56 3 34	132 56 52	10.0	2.0	2.00	.50	3,000	N	N	N	50	500	1.0	N
0815	56 1 19	132 54 37	7.0	5.0	5.00	.30	1,500	N	N	N	20	300	N	N
0816	56 1 20	132 55 43	5.0	3.0	1.00	.30	2,000	N	N	N	10	300	N	N

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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	S-ZN
0839	N	30	150	70	30	N	N	30	50	N	30	N	700	300	N	70	N
0840	N	30	200	50	70	N	N	30	50	N	30	N	500	300	N	70	N
								Petersburg A3--continued									
0001A	N	30	100	30	20	N	N	10	30	N	10	N	100	150	N	15	N
0001B	N	30	100	20	20	N	N	10	30	N	10	N	100	100	N	15	N
0002A	N	15	100	20	30	N	N	10	30	N	10	N	100	100	N	20	<200
0002B	N	30	150	30	20	N	N	30	30	N	15	N	200	150	N	20	<200
0037A	N	20	100	20	20	10	N	15	30	N	10	N	150	100	N	20	N
0037B	N	20	50	10	20	N	N	15	15	N	10	N	150	100	N	20	N
0039A	N	20	70	50	20	N	N	30	100	N	15	N	100	100	N	20	500
0039B	N	20	50	50	20	N	N	30	100	N	15	N	100	150	N	20	500
0040A	N	15	70	30	20	N	N	30	15	N	10	N	100	100	N	20	N
0040B	N	15	30	10	<20	N	N	15	15	N	7	N	200	100	N	15	N
0056	N	10	50	10	20	N	N	20	20	N	10	N	300	100	N	15	N
0057	N	10	50	30	20	N	N	20	20	N	10	N	300	100	N	15	N
0058	N	15	100	50	<20	N	<20	50	20	N	15	N	300	200	N	20	N
0059	N	20	70	100	<20	10	N	50	15	N	20	N	300	300	N	15	N
0062	N	30	300	100	<20	N	N	50	10	N	30	N	300	200	N	15	N
0063	N	15	100	70	<20	N	N	30	20	N	20	N	300	150	N	15	N
0064	N	20	100	50	<20	N	N	30	15	N	20	N	300	200	N	15	N
0065	N	20	100	20	<20	10	N	50	15	N	20	N	300	200	N	20	N
0066	N	30	100	50	<20	N	N	70	20	N	20	N	300	200	N	15	N
0078	N	15	50	15	30	15	<20	30	50	N	50	N	300	200	N	30	N
0765	N	30	100	20	20	N	N	30	50	N	20	N	300	300	N	30	200
0766	N	30	150	20	20	N	N	30	100	N	20	N	500	300	N	30	1,500
0767	N	20	100	15	20	N	N	30	10	N	15	N	300	200	N	15	N
0768	N	30	150	50	20	N	N	30	20	N	15	N	300	200	N	15	N
0785	N	30	500	70	N	N	N	70	20	N	30	N	700	200	N	30	N
0786	N	30	500	20	N	N	N	50	20	N	20	N	700	200	N	30	N
0787	N	50	300	70	N	N	N	70	20	N	20	N	700	200	N	30	N
0788	N	50	>5,000	20	N	N	N	300	20	N	20	N	500	200	N	20	<200
0789	N	30	500	30	N	N	N	30	20	N	20	N	700	200	N	30	N
0790	N	50	200	50	N	N	N	30	50	N	30	N	700	300	N	30	N
0791	N	50	300	70	N	N	N	100	70	N	20	N	500	300	N	30	300
0792	N	50	200	100	N	10	N	70	100	N	20	N	200	700	N	30	700
0793	N	50	200	100	N	10	N	70	70	N	15	N	300	500	N	30	500
0815	N	30	70	20	N	N	N	30	15	N	20	N	500	200	N	20	N
0816	N	30	100	10	N	N	N	10	15	N	10	N	300	150	N	15	N

SS-11

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--continued

Sample	S-ZR	S-TH	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P	CM-W-P	CM-TH-T	SI-F	AC-TH	AC-U	U-INST
0839	200	N	N	20	10	80	<2	--	--	4.40	2.62	--
0840	300	N	N	5	15	75	N	--	--	--	--	--
						Petersburg A3--continued						
0001A	100	--	N	10	25	100	<1	--	--	--	--	--
0001B	70	--	N	10	25	100	<1	--	500	--	--	--
0002A	70	--	N	10	20	120	<1	5.35	400	10.10	5.35	10.10
0002B	100	--	N	10	20	120	N	--	400	--	--	--
0037A	70	--	N	10	20	85	2	6.07	--	<8.40	6.07	<8.40
0037B	70	--	N	5	20	85	2	--	400	--	--	--
0039A	70	--	N	20	60	430	<1	--	--	4.50	2.17	--
0039B	70	--	N	20	75	460	<1	--	--	--	--	--
0040A	70	--	N	15	20	110	1	--	--	7.60	2.13	--
0040B	70	--	N	5	10	65	<1	--	--	--	--	--
0056	50	--	N	10	15	80	N	5.85	--	9.75	5.85	9.75
0057	70	--	N	20	15	65	<1	4.36	--	5.40	4.36	5.40
0058	100	--	N	20	15	60	N	2.68	--	5.10	2.68	5.10
0059	100	--	N	40	15	80	<1	1.83	--	4.00	1.83	4.00
0062	50	--	N	45	20	65	N	--	--	--	--	--
0063	70	--	N	25	10	50	N	--	--	6.73	2.14	--
0064	70	--	N	30	20	90	N	--	--	6.20	1.57	--
0065	100	--	N	5	15	55	N	--	--	15.00	2.02	--
0066	100	--	N	20	20	80	N	--	--	--	--	--
0073	150	--	N	10	35	45	3	--	--	--	--	--
0765	70	N	N	15	20	310	<2	--	--	6.44	2.82	--
0766	70	N	N	10	50	1,600	<2	--	--	4.80	2.65	--
0767	70	N	N	15	15	85	<2	--	--	--	--	--
0768	70	N	N	30	15	100	<2	--	--	--	--	--
0785	70	N	N	60	15	85	N	--	--	--	--	--
0786	70	N	N	15	10	65	N	--	--	--	--	--
0787	70	N	N	50	20	90	N	--	--	--	--	--
0788	300	N	N	10	10	75	N	--	--	--	--	--
0789	70	N	N	20	10	75	N	--	--	--	--	--
0790	70	N	N	20	10	60	<2	--	--	--	--	--
0791	100	N	N	30	35	280	N	--	--	--	--	--
0792	100	N	N	75	50	730	N	--	--	--	--	--
0793	100	N	N	55	40	550	<2	--	--	--	--	--
0815	70	N	N	20	20	75	<5	--	--	4.80	2.94	--
0816	70	N	N	10	15	90	<5	--	--	4.10	2.04	--

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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
0817	56 1 59	132 55 29	10.0	5.0	5.00	.30	>5,000	N	N	N	30	200	1.0	N
0818	56 3 24	132 57 35	7.0	3.0	5.00	.50	1,000	N	N	N	20	300	N	N
0819	56 4 24	132 58 56	7.0	3.0	2.00	.30	3,000	N	N	N	20	200	1.0	N
0820	56 2 28	132 59 30	7.0	5.0	2.00	.70	1,500	N	N	N	70	1,000	1.0	N
0821	56 2 44	132 59 47	10.0	5.0	5.00	.70	3,000	N	N	N	30	1,500	1.0	N
0823	56 0 44	132 55 28	10.0	7.0	5.00	.70	5,000	N	N	N	70	700	1.0	N
0824	56 0 45	132 49 11	15.0	10.0	15.00	.70	5,000	N	N	N	30	700	1.0	N
0825	56 0 9	132 49 21	15.0	10.0	15.00	.50	3,000	N	N	N	20	700	1.0	N
0826	56 0 22	132 47 50	10.0	5.0	7.00	.50	5,000	N	N	N	20	500	1.0	N
0827	56 0 0	132 50 40	15.0	7.0	7.00	.50	5,000	N	N	N	70	1,000	1.0	N
0828	56 0 0	132 50 55	20.0	7.0	15.00	>1.00	5,000	N	N	N	70	700	1.0	N
0829	56 1 13	132 57 30	15.0	7.0	7.00	.70	>5,000	N	N	N	70	1,000	1.0	N
0830	56 1 58	132 58 1	10.0	5.0	2.00	.50	5,000	N	N	N	70	700	<1.0	N
1388	56 3 16	132 56 52	3.0	1.0	.50	.50	2,000	.7	N	N	70	700	1.5	N
1389	56 3 21	132 56 39	5.0	1.5	.70	.50	3,000	N	N	N	20	500	1.0	N
					Petersburg A4--continued									
0137	56 14 14	133 7 59	5.0	1.5	1.00	.70	3,000	N	N	N	30	300	<1.0	N
0138	56 14 13	133 8 15	5.0	1.5	1.00	.70	2,000	N	N	N	30	300	<1.0	N
0139	56 14 35	133 6 23	5.0	1.5	2.00	.70	1,500	N	N	N	30	700	<1.0	N
0140	56 14 0	133 4 26	5.0	1.5	3.00	.70	1,500	N	N	N	30	700	<1.0	N
0141	56 11 53	133 4 36	3.0	1.0	3.00	.70	1,500	N	N	N	50	500	<1.0	N
0142	56 11 13	133 4 55	3.0	1.0	3.00	.50	1,500	N	N	N	30	700	<1.0	N
0143	56 10 13	133 5 54	5.0	1.5	3.00	.70	2,000	N	N	N	50	700	<1.0	N
0144	56 11 19	133 3 16	5.0	1.5	3.00	.70	>5,000	N	N	N	30	500	<1.0	N
0145	56 11 4	133 2 48	5.0	1.5	1.50	.70	>5,000	N	N	N	30	500	N	N
0146	56 9 33	133 3 25	5.0	1.5	1.50	.50	1,500	N	N	N	100	700	N	N
0147	56 7 57	133 4 33	5.0	1.5	2.00	.50	1,500	N	N	N	50	500	N	N
0437	56 4 15	133 19 15	7.0	1.0	5.00	.50	1,500	N	N	N	10	300	1.0	N
0439	56 6 8	133 19 40	7.0	2.0	3.00	.70	1,000	N	N	N	20	200	1.0	N
0440	56 2 45	133 18 13	7.0	1.0	2.00	.30	5,000	N	N	N	15	500	1.0	N
0453	56 9 49	133 17 24	7.0	2.0	3.00	.70	1,000	N	N	N	30	500	1.0	N
0460	56 9 14	133 16 4	7.0	2.0	2.00	.50	1,500	N	N	N	20	300	1.0	N
0461	56 7 34	133 17 32	7.0	2.0	2.00	.50	2,000	N	N	N	20	300	1.0	N
0462	56 5 50	133 14 0	5.0	2.0	5.00	.70	1,500	N	N	N	10	700	1.0	N
0463	56 6 36	133 16 32	10.0	2.0	3.00	1.00	1,500	N	N	N	20	500	1.0	N
0464	56 5 16	133 8 49	5.0	1.0	1.00	.30	2,000	N	N	N	30	300	<1.0	N
0465	56 5 22	133 11 53	15.0	3.0	5.00	1.00	2,000	N	N	N	20	500	1.0	N
0466	56 3 5	133 5 56	10.0	2.0	2.00	.50	1,500	N	N	N	30	500	1.0	N
0467	56 4 22	133 6 50	10.0	1.0	2.00	.50	3,000	N	N	N	50	700	1.0	N
0468	56 1 17	133 15 0	10.0	3.0	5.00	.50	1,000	N	N	N	20	500	1.0	N
0469	56 2 3	133 4 16	5.0	1.0	2.00	.30	1,000	N	N	N	10	500	1.0	N

55-13

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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	S-ZN
0817	N	5C	15C	3C	N	N	N	3C	2C	N	15	N	500	300	N	3C	N
0818	N	2C	2CC	1C	N	N	N	3C	2C	N	15	N	500	300	N	2C	N
0819	N	3C	1CC	1CC	N	N	N	3C	2C	N	15	N	3CC	2CC	N	2C	2CC
0820	N	15	3CC	5C	N	N	N	3C	3C	N	2C	N	5CC	3CC	N	5C	N
0821	N	3C	15C	7C	N	N	N	3C	5C	N	2C	N	5CC	3CC	N	3C	2CC
0823	N	3C	2CC	7C	N	N	N	5C	5C	N	3C	N	5CC	5CC	N	3C	N
0824	N	5C	1,CCC	1CC	N	N	N	1CC	3C	N	5C	N	1,CCC	5CC	N	5C	N
0825	N	5C	1,CCC	15C	N	N	N	1CC	5C	N	3C	N	1,CCC	5CC	N	3C	N
0826	N	3C	3CC	5C	N	N	N	3C	5C	N	2C	N	5CC	3CC	N	3C	N
0827	N	3C	7CC	1CC	N	N	N	1CC	5C	N	3C	N	7CC	3CC	N	3C	N
0828	N	3C	1,CCC	1CC	N	N	N	1CC	3C	N	3C	N	1,CCC	5CC	N	5C	N
0829	N	5C	7CC	5C	N	N	N	5C	5C	N	2C	N	1,CCC	5CC	N	3C	N
0830	N	3C	7CC	7C	N	N	N	3C	7C	N	2C	N	5CC	3CC	N	3C	5CC
1388	N	2C	1CC	7C	<2C	1C	N	7C	1CC	N	15	N	2CC	3CC	N	3C	1,5CC
1389	N	5C	15C	3C	<2C	5	N	5C	3C	N	2C	N	3CC	2CC	N	2C	2CC
							Petersburg A4--continued										
0137	N	2C	3C	3C	2C	N	N	2C	2C	N	15	N	1CC	2CC	N	2C	N
0138	N	15	5C	2C	2C	N	N	2C	15	N	15	N	2CC	2CC	N	15	N
0139	N	15	5C	3C	2C	N	N	3C	3C	N	15	N	3CC	2CC	N	2C	N
0140	N	2C	1CC	3C	2C	N	N	5C	3C	N	15	N	2CC	2CC	N	2C	N
0141	N	2C	15C	5C	2C	3C	N	7C	3C	N	15	N	3CC	15C	5C	2C	<2CC
0142	N	15	7C	5C	3C	N	N	3C	5C	N	15	N	5CC	2CC	N	2C	N
0143	N	2C	1CC	7C	2C	5	N	3C	3C	N	2C	N	5CC	2CC	N	2C	N
0144	N	3C	15C	7C	2C	N	N	5C	2C	N	2C	N	3CC	3CC	N	2C	<2CC
0145	N	3C	3CC	5C	2C	N	<2C	7C	2C	N	2C	N	2CC	3CC	N	2C	<2CC
0146	N	3C	1CC	5C	<2C	15	N	1CC	2C	N	2C	N	3CC	5CC	<5C	2C	N
0147	N	15	1CC	5C	<2C	<5	N	2C	1C	N	2C	N	3CC	3CC	N	15	N
0437	N	2C	5C	3C	3C	N	N	2C	1C	N	15	N	7CC	2CC	N	3C	N
0439	N	2C	2CC	3C	3C	N	N	3C	1C	N	15	N	1,CCC	2CC	N	3C	N
0440	N	3C	3C	1CC	2C	N	N	15	3C	N	15	N	5CC	2CC	N	3C	N
0458	N	15	1CC	3C	2C	N	N	3C	2C	N	2C	N	7CC	2CC	N	3C	N
0460	N	15	1CC	3C	2C	N	N	3C	15	N	15	N	7CC	15C	N	3C	N
0461	N	2C	1CC	3C	2C	N	N	3C	15	N	15	N	5CC	15C	N	3C	N
0462	N	15	15C	15	5CC	N	N	3C	1C	N	2C	N	1,CCC	2CC	N	7C	N
0463	N	3C	15C	7C	5C	N	N	3C	2C	N	2C	N	7CC	3CC	N	7C	N
0464	N	2C	5C	15	N	N	N	15	1C	N	15	N	7CC	2CC	N	1C	2CC
0465	N	3C	5CC	5C	2C	N	N	1CC	1C	N	3C	N	7CC	3CC	N	3C	N
0466	N	15	7C	2C	2C	N	N	2C	1C	N	2C	N	7CC	3CC	N	3C	N
0467	N	2C	15C	2C	2C	N	N	2C	1C	N	2C	N	5CC	3CC	N	3C	N
0468	N	15	15C	5C	2C	N	N	3C	1C	N	3C	N	1,CCC	3CC	N	2C	N
0469	N	15	7C	3C	N	N	N	15	2C	N	15	N	5CC	2CC	N	2C	N

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--continued

Sample	S-ZR	S-TH	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P	CM-W-P	CM-TH-T	SI-F	AC-TH	AC-U	U-INST
0817	70	N	N	15	20	85	<5	--	--	--	--	--
0818	100	N	N	5	15	65	N	--	--	4.80	2.14	--
0819	70	N	N	160	25	200	N	--	--	<4.40	4.61	--
0820	150	N	N	10	10	90	<2	--	--	6.50	5.61	--
0821	200	N	N	35	15	400	<2	--	--	4.50	2.45	--
0823	200	N	N	20	20	200	N	--	--	4.90	2.95	--
0824	70	N	N	45	15	65	N	--	--	2.60	1.73	--
0825	70	N	N	70	25	75	N	--	--	3.20	1.67	--
0826	70	N	N	20	15	120	N	--	--	<3.10	2.06	--
0827	100	N	N	55	20	140	N	--	--	4.20	2.14	--
0828	200	N	N	40	15	95	N	--	--	<3.50	1.57	--
0829	200	N	N	20	15	100	N	--	--	3.70	2.68	--
0830	70	N	N	25	20	300	N	--	--	3.60	2.61	--
1388	100	N	N	85	65	4,500	<1	--	--	--	--	--
1389	200	N	N	30	30	250	<1	--	--	--	--	--
						Petersburg A4--continued						
0137	100	--	N	15	5	55	1	2.62	--	4.80	2.62	4.80
0138	70	--	N	10	10	50	<1	2.57	--	4.30	2.57	4.30
0139	70	--	N	15	10	50	<1	2.81	--	4.00	2.81	4.00
0140	70	--	N	20	15	65	2	2.45	--	5.00	2.45	5.00
0141	100	--	N	20	20	120	<1	2.93	--	6.90	2.93	6.90
0142	100	--	N	10	10	60	<1	2.23	--	5.75	2.23	5.75
0143	100	--	N	15	15	65	<1	3.12	--	<4.90	3.12	<4.90
0144	70	--	N	25	15	130	<1	2.49	--	8.40	2.49	8.40
0145	100	--	N	20	15	120	<1	2.99	--	6.30	2.99	6.30
0146	70	--	N	10	15	90	<1	--	--	--	--	--
0147	100	--	N	15	10	40	<1	--	--	<3.90	6.86	--
0437	100	N	N	30	10	70	N	2.50	--	5.10	2.50	5.10
0439	100	N	N	25	20	50	N	--	--	--	--	--
0440	200	N	N	65	25	95	N	--	--	--	--	--
0458	100	N	N	30	20	85	N	--	--	--	--	--
0460	100	N	N	20	20	90	N	--	--	--	--	--
0461	150	N	N	20	35	70	--	--	--	--	--	--
0462	150	N	N	5	10	20	<1	2.85	--	8.90	2.85	8.90
0463	200	N	--	20	10	30	--	--	--	--	--	--
0464	30	N	N	10	10	70	--	--	--	--	--	--
0465	150	N	--	40	40	75	--	--	--	--	--	--
0466	100	N	N	15	15	60	N	--	--	--	--	--
0467	300	N	--	N	10	50	--	--	--	--	--	--
0468	70	N	N	N	<20	45	--	--	--	--	--	--
0469	70	N	--	10	10	70	<1	--	--	--	--	--

SS-15

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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
0470	56 0 32	133 6 2	15.0	3.0	2.00	.50	2,000	N	N	N	70	300	1.0	N
0471	56 0 1	133 12 6	15.0	5.0	5.00	1.00	2,000	N	N	N	30	500	1.0	N
0472	56 0 43	133 7 10	7.0	1.0	1.00	.50	1,000	N	N	N	30	500	<1.0	N
0473	56 2 11	133 11 20	15.0	3.0	5.00	.70	5,000	N	N	N	30	500	1.0	N
0474	56 2 42	133 2 49	15.0	3.0	2.00	.70	>5,000	N	N	N	30	500	1.0	N
0475	56 4 3	133 2 52	15.0	5.0	3.00	.70	2,000	N	N	N	50	500	1.0	N
0476	56 3 53	133 0 43	15.0	5.0	3.00	.70	>5,000	N	N	N	30	500	1.0	N
0477	56 6 23	133 3 9	15.0	3.0	2.00	.70	>5,000	N	N	N	50	500	1.0	N
0477	56 6 23	133 3 9	3.0	1.0	.70	.50	1,500	N	N	N	70	500	1.0	N
0478	56 6 37	133 1 52	15.0	3.0	2.00	.70	2,000	N	N	N	30	500	1.0	N
0479	56 6 21	133 3 19	15.0	2.0	2.00	1.00	2,000	N	N	N	30	500	1.0	N
0480	56 7 53	133 5 12	15.0	5.0	5.00	1.00	3,000	N	N	N	30	500	1.0	N
0481	56 6 3	133 6 6	7.0	2.0	2.00	.50	5,000	N	N	N	50	300	1.0	N
0749	56 13 57	133 19 26	7.0	3.0	20.00	.30	1,000	N	N	N	<10	200	N	N
0750	56 14 52	133 17 16	7.0	5.0	5.00	.50	1,500	N	N	N	30	300	1.0	N
0751	56 12 57	133 11 27	10.0	3.0	2.00	.50	1,500	N	N	N	20	300	1.0	N
0769	56 10 35	133 6 7	7.0	5.0	7.00	.50	2,000	2.0	N	N	20	500	1.0	N
0770	56 12 27	133 3 8	10.0	3.0	5.00	.70	2,000	N	N	N	10	500	1.0	N
0780	56 9 13	133 19 39	5.0	3.0	2.00	.50	1,000	N	N	N	10	200	1.0	N
0781	56 8 3	133 16 27	7.0	3.0	2.00	.70	5,000	N	N	N	30	500	1.0	N
0782	56 9 53	133 13 0	7.0	3.0	2.00	.50	2,000	N	N	N	30	500	1.0	N
0783	56 7 47	133 8 37	7.0	3.0	2.00	.50	1,500	N	N	N	15	500	<1.0	N
0784	56 6 46	133 8 57	7.0	2.0	2.00	.50	1,500	N	N	N	15	500	1.0	N
0797	56 1 6	133 19 10	10.0	5.0	2.00	.50	>5,000	N	N	N	20	300	N	N
0799	56 3 10	133 15 6	10.0	2.0	2.00	.50	2,000	N	N	N	50	500	N	N
0800	56 1 43	133 17 39	10.0	2.0	1.00	.50	2,000	N	N	N	30	300	1.0	N
0802	56 1 35	133 17 39	10.0	2.0	1.00	.50	>5,000	N	N	N	50	300	1.0	N
0803	56 9 27	133 9 46	5.0	2.0	20.00	.30	2,000	N	N	N	15	200	N	N
0803A	56 9 27	133 9 46	7.0	2.0	2.00	.50	1,500	N	N	N	20	300	1.0	N
0804	56 3 46	133 16 41	7.0	5.0	2.00	.50	>5,000	N	N	N	30	300	2.0	N
0805	56 9 23	133 9 38	7.0	5.0	2.00	.50	>5,000	N	N	N	15	500	1.0	N
0806	56 6 17	133 11 42	7.0	2.0	2.00	.30	2,000	N	N	N	15	500	1.0	N
0807	56 11 2	133 16 38	7.0	5.0	5.00	.50	2,000	N	N	N	20	500	1.0	N
0808	56 5 13	133 4 15	7.0	5.0	2.00	.30	5,000	N	N	N	20	300	N	N
0809	56 10 0	133 8 15	5.0	3.0	2.00	.50	1,000	N	N	N	10	300	N	N
0810	56 7 12	133 5 9	10.0	7.0	5.00	.50	3,000	N	N	N	10	200	N	N
0811	56 10 41	133 5 29	7.0	2.0	2.00	.30	700	N	N	N	10	300	N	N
0812	56 9 5	133 3 41	7.0	5.0	5.00	.50	5,000	N	N	N	20	200	2.0	N
0813	56 10 45	133 4 42	5.0	2.0	1.00	.20	1,500	N	N	N	10	200	N	N
0814	56 13 22	133 4 0	5.0	2.0	5.00	.50	1,500	N	N	N	<10	300	1.0	N
1322	56 3 5	133 1 32	10.0	5.0	5.00	.50	>5,000	N	N	N	50	1,000	1.0	N
1323	56 13 5	133 13 24	3.0	1.0	.50	.30	1,500	N	N	N	30	500	1.5	N
1324	56 14 7	133 12 46	5.0	1.0	.70	.30	3,000	N	N	N	50	300	1.5	N
1325	56 13 58	133 12 55	3.0	1.0	1.00	.50	1,000	N	N	N	30	500	1.5	N
1326	56 2 59	133 4 24	1.0	.5	.50	.30	500	N	N	N	50	500	1.0	N

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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	S-ZN
0470	N	30	200	50	20	N	N	70	10	N	20	N	500	500	N	20	300
0471	N	30	300	50	100	N	N	30	10	N	50	N	700	500	N	70	N
0472	N	20	200	30	20	N	N	30	10	N	20	N	500	500	N	20	N
0473	N	30	150	30	20	N	N	30	10	N	30	N	1,000	500	N	20	N
0474	<20	50	70	30	200	N	N	30	20	N	30	N	500	500	N	30	1,000
0475	N	30	500	70	20	N	N	70	15	N	30	N	500	500	N	30	200
0476	N	30	150	50	20	N	N	70	15	N	30	N	500	500	N	30	200
0477	N	30	70	50	20	N	N	30	20	N	30	N	500	500	N	30	<200
0477	N	20	50	20	N	7	N	20	10	N	15	N	300	150	N	15	N
0478	N	30	100	30	20	N	N	50	10	N	30	N	700	300	N	30	<200
0479	N	20	300	20	20	N	N	30	10	N	30	N	700	300	N	50	N
0480	N	30	700	50	70	N	N	30	15	N	50	N	700	300	N	70	N
0481	N	30	70	50	30	N	N	30	15	N	30	N	300	300	N	30	N
0749	N	15	70	20	N	N	N	20	10	N	10	N	700	150	N	15	N
0750	N	30	150	50	50	N	N	30	20	N	20	N	500	200	N	20	N
0751	N	20	150	30	20	N	N	30	20	N	15	N	500	200	N	20	N
0769	N	30	700	30	20	N	N	70	15	N	20	N	500	200	N	20	N
0770	N	30	200	30	20	N	N	30	50	N	20	N	500	200	N	30	N
0780	N	15	70	50	20	N	N	20	15	N	7	N	300	100	N	15	N
0781	N	30	70	50	N	N	N	30	50	N	15	N	300	200	N	30	<200
0782	N	30	100	70	N	N	N	30	20	N	15	N	300	100	N	30	N
0783	N	20	150	20	30	N	N	20	10	N	15	N	500	100	N	20	N
0784	N	30	100	20	N	N	N	30	20	N	15	N	500	100	N	20	N
0797	N	50	150	70	N	N	N	30	70	N	15	N	700	200	N	15	N
0799	N	30	200	50	N	N	N	30	20	N	20	N	500	200	N	20	N
0800	N	50	70	200	N	50	N	15	20	N	15	N	500	200	N	15	N
0802	N	100	100	70	N	N	N	15	70	N	15	N	300	200	N	15	N
0803	N	30	70	20	N	N	N	30	30	N	10	N	500	70	N	15	N
0803A	N	30	150	30	N	N	N	30	20	N	15	N	300	150	N	20	N
0804	N	30	150	50	N	N	N	70	30	N	15	N	300	200	N	20	<200
0805	N	30	70	70	20	N	N	30	20	N	15	N	500	300	N	20	N
0806	N	20	70	30	N	N	N	30	20	N	10	N	500	200	N	20	N
0807	N	30	100	70	20	N	N	30	10	N	20	N	500	300	N	30	N
0808	N	50	100	50	N	N	N	30	50	N	15	N	500	300	N	30	N
0809	N	15	150	15	20	N	N	30	20	N	15	N	500	200	N	30	N
0810	N	50	150	70	N	N	N	30	10	N	20	N	500	300	N	20	N
0811	N	20	70	10	N	N	N	30	10	N	10	N	300	150	N	15	N
0812	N	50	150	70	N	N	N	30	15	N	20	N	500	300	N	20	N
0813	N	15	100	20	N	N	N	15	10	N	5	N	300	100	N	10	N
0814	N	20	70	15	20	N	N	20	20	N	15	N	500	150	N	30	N
0822	N	70	100	70	N	N	N	30	50	N	20	N	500	300	N	30	N
1383	N	20	50	30	N	N	N	20	15	N	15	N	300	150	N	20	N
1384	N	30	100	20	N	N	N	30	15	N	15	N	300	150	N	15	N
1385	N	20	150	30	100	N	N	20	20	N	15	N	300	150	N	20	N
1386	N	N	70	5	N	N	N	7	<10	N	10	N	500	100	N	15	N

SS-19

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--continued

Sample	S-ZR	S-TH	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P	CM-W-P	CM-TH-T	SI-F	AC-TH	AC-U	U-INST
0470	70	N	N	--	--	--	--	--	--	--	--	--
0471	150	N	--	20	10	70	--	--	--	--	--	--
0472	70	N	N	10	10	30	--	--	--	--	--	--
0473	50	N	--	10	10	30	--	--	--	--	--	--
0474	100	N	--	30	15	70	<1	--	--	--	--	--
0475	70	N	N	40	10	60	--	--	--	--	--	--
0476	100	N	N	--	--	--	--	--	--	--	--	--
0477	100	N	--	20	20	90	--	--	--	--	--	--
0477	150	N	N	20	15	75	N	--	--	--	--	--
0478	100	N	N	40	20	80	--	--	--	--	--	--
0479	100	N	--	15	5	35	--	--	--	--	--	--
0480	1,000	N	N	25	10	30	--	--	--	--	--	--
0481	100	N	<.25	30	10	20	--	--	--	--	--	--
0749	70	N	N	25	30	35	<2	--	--	3.70	1.44	--
0750	70	N	N	20	10	60	N	--	--	6.65	1.91	--
0751	70	N	N	15	10	60	N	--	--	5.20	2.78	--
0769	70	N	N	20	10	100	15	--	--	--	--	--
0770	300	N	N	15	10	65	N	--	--	6.96	2.58	--
0780	70	N	N	25	15	65	<2	--	--	7.73	3.00	--
0781	200	N	N	15	15	90	<2	--	--	--	--	--
0782	200	N	N	30	15	80	N	--	--	--	--	--
0783	100	N	N	10	10	60	N	--	--	8.12	2.73	--
0784	100	N	[redacted] N	[redacted] 15	[redacted] 10	[redacted] 70	N	--	--	4.90	2.31	--
0797	70	N	N	35	45	85	N	--	--	--	--	--
0799	70	N	N	20	10	65	N	--	--	--	--	--
0800	100	N	N	120	15	40	N	--	--	--	--	--
0802	100	N	N	30	20	45	2	--	--	--	--	--
0803	70	N	N	15	35	55	N	--	--	--	--	--
0803A	500	N	N	20	10	75	N	--	--	--	--	--
0804	100	N	N	20	20	95	N	--	--	--	--	--
0805	100	N	N	30	15	75	N	--	--	7.04	3.19	--
0806	200	N	N	15	10	55	N	--	--	7.01	2.60	--
0807	100	N	N	30	10	70	N	--	--	--	--	--
0808	70	N	N	20	25	150	<2	--	--	3.50	1.75	--
0809	70	N	N	10	10	60	N	--	--	6.84	2.11	--
0810	100	N	N	40	15	90	N	--	--	5.00	2.03	--
0811	70	N	N	10	10	55	N	--	--	5.68	2.12	--
0812	70	N	N	45	15	140	N	--	--	<3.80	1.49	--
0813	30	N	N	25	15	90	N	--	--	<4.80	2.62	--
0814	200	N	N	10	15	70	N	--	--	--	--	--
0822	200	N	N	25	25	160	N	--	--	5.70	1.98	--
1382	100	N	N	30	15	80	N	--	--	--	--	--
1384	100	N	N	30	15	95	1	--	--	--	--	--
1385	150	N	N	35	10	65	N	--	--	--	--	--
1386	150	N	N	5	<5	10	N	--	--	--	--	--

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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
1387	56 2 58	133 0 15	3.0	1.5	.50	.50	2,000	N	N	N	30	500	1.0	N
					Petersburg A5--continued									
0424	56 1 14	133 29 35	10.0	2.0	5.00	.50	2,000	N	N	N	15	500	1.0	N
0425	56 1 50	133 29 20	10.0	2.0	5.00	.70	2,000	N	N	N	15	300	1.0	N
0426	56 2 19	133 29 40	10.0	3.0	5.00	.50	3,000	N	N	N	30	700	1.0	N
0427	56 2 42	133 29 30	15.0	2.0	5.00	.50	1,500	N	N	N	15	500	1.0	N
0428	56 2 52	133 28 55	5.0	1.0	5.00	.50	1,000	N	N	N	<10	300	1.0	N
0429	56 2 31	133 29 8	10.0	2.0	5.00	.70	1,000	N	N	N	20	300	1.0	N
0430	56 3 13	133 26 40	5.0	1.0	5.00	.50	1,000	N	N	N	<10	500	1.0	N
0431	56 0 42	133 26 54	7.0	1.0	2.00	.50	1,500	N	N	N	15	300	1.0	N
0432	56 2 0	133 28 40	10.0	3.0	10.00	.50	1,500	N	N	N	15	500	1.0	N
0433	56 2 8	133 22 25	10.0	3.0	3.00	.50	1,000	N	N	N	30	200	1.0	N
0434	56 1 11	133 24 40	15.0	3.0	5.00	.50	1,500	N	N	N	10	300	<1.0	N
0435	56 1 14	133 21 0	7.0	1.0	3.00	.30	2,000	N	N	N	15	300	1.0	N
0436	56 2 24	133 23 0	7.0	1.0	3.00	.50	1,500	N	N	N	10	300	1.0	N
0438	56 2 48	133 24 18	5.0	.7	5.00	.50	1,500	N	N	N	<10	300	1.0	N
0441	56 5 10	133 22 52	15.0	2.0	5.00	.70	1,500	N	N	N	15	200	1.0	N
0442	56 4 50	133 23 57	7.0	2.0	5.00	.30	1,500	N	N	N	10	300	1.0	N
0443	56 5 36	133 26 25	7.0	1.0	5.00	.50	1,500	N	N	N	<10	300	1.0	N
0444	56 4 48	133 23 50	5.0	1.0	5.00	.30	1,500	N	N	N	15	500	1.0	N
0445	56 5 30	133 30 20	7.0	2.0	5.00	.50	1,500	N	N	N	15	300	1.0	N
0448	56 1 40	133 38 22	7.0	1.0	2.00	.50	1,500	N	N	N	15	300	1.0	N
0450	56 1 45	133 38 6	10.0	2.0	3.00	.50	1,500	N	N	N	30	500	1.0	N
0452	56 4 31	133 34 56	15.0	2.0	5.00	.50	1,000	N	N	N	15	300	<1.0	N
0454	56 4 20	133 33 2	15.0	2.0	5.00	.70	2,000	N	N	N	30	700	1.0	N
0455	56 3 13	133 32 44	15.0	2.0	5.00	.50	5,000	N	N	N	50	500	1.0	N
0456	56 4 19	133 32 1	10.0	1.0	5.00	.50	3,000	N	N	N	20	300	2.0	N
0457	56 3 15	133 32 53	7.0	2.0	2.00	.50	3,000	N	N	N	100	500	1.0	N
0459	56 4 56	133 29 58	10.0	2.0	5.00	.70	1,000	N	N	N	10	500	1.0	N
0482	56 7 58	133 37 17	7.0	3.0	2.00	.50	1,500	N	N	N	20	300	1.0	N
0483	56 7 56	133 35 36	5.0	2.0	1.00	.30	1,500	N	N	N	20	500	<1.0	N
0484	56 7 18	133 33 42	10.0	2.0	2.00	.50	1,500	N	N	N	20	300	<1.0	N
0485	56 7 5	133 31 18	15.0	3.0	2.00	1.00	3,000	N	N	N	50	500	1.0	N
0486	56 8 17	133 27 39	15.0	5.0	7.00	1.00	3,000	N	N	N	10	300	<1.0	N
0487	56 8 22	133 25 48	15.0	3.0	7.00	1.00	3,000	N	N	N	30	300	1.0	N
0488	56 9 36	133 25 0	10.0	3.0	7.00	1.00	2,000	N	N	N	50	500	1.0	N
0489	56 9 42	133 23 30	10.0	2.0	7.00	.70	5,000	N	N	N	15	300	2.0	N
0490	56 9 6	133 21 50	7.0	2.0	5.00	.70	1,500	N	N	N	30	500	1.0	N
0491	56 8 47	133 20 50	10.0	3.0	7.00	.70	2,000	N	N	N	15	300	2.0	N
0492	56 10 22	133 20 24	5.0	1.0	7.00	.50	1,000	N	N	N	10	300	1.0	N
0493	56 11 8	133 20 56	7.0	2.0	10.00	.70	1,000	N	N	N	15	300	2.0	N
0494	56 8 57	133 31 59	10.0	2.0	2.00	.70	5,000	N	N	N	50	300	2.0	N

ES-A

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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	S-ZN
1337	N	30	200	50	20	5	N	30	15	N	15	N	300	200	N	20	300
								Petersburg A5--continued									
0424	N	20	150	50	20	N	N	20	10	N	20	N	1,000	300	N	30	N
0425	N	20	50	70	20	N	N	20	10	N	30	N	1,000	300	N	30	N
0426	N	50	70	70	30	N	N	30	20	N	30	N	1,000	300	N	20	N
0427	N	30	70	70	30	N	N	20	10	N	15	N	700	300	N	30	N
0428	N	15	30	20	30	N	N	10	10	N	15	N	700	150	N	30	N
0429	N	20	50	30	50	N	N	20	10	N	20	N	700	300	N	50	N
0430	N	15	20	15	30	N	N	10	10	N	15	N	700	150	N	30	N
0431	N	30	300	70	20	N	N	30	10	N	20	N	500	300	N	50	N
0432	N	30	100	70	20	N	N	70	10	N	30	N	700	300	N	50	N
0433	N	30	200	70	50	N	N	70	10	N	30	N	500	300	N	50	N
0434	N	30	70	70	20	N	N	30	15	N	20	N	1,000	300	N	50	N
0435	N	20	70	30	20	N	N	15	10	N	15	N	1,000	300	N	30	N
0436	N	15	50	30	20	5	N	15	15	N	15	N	700	200	50	30	N
0438	N	15	20	15	30	N	N	5	10	N	10	N	1,000	200	N	30	N
0441	N	20	50	50	20	N	N	5	<10	N	20	N	700	500	N	50	N
0442	N	15	70	70	20	N	N	20	10	N	15	N	1,000	200	N	50	N
0443	N	15	10	20	30	N	N	5	<10	N	15	N	1,000	200	N	50	N
0444	N	15	30	15	20	5	N	10	10	N	15	N	1,000	150	N	30	N
0445	N	30	70	50	20	N	N	50	10	N	20	N	700	200	N	50	N
0446	N	20	50	50	30	N	N	30	10	N	15	N	700	200	N	30	N
0450	N	30	50	50	30	5	N	50	20	N	15	N	500	300	N	30	N
0452	N	30	50	50	20	N	N	20	10	N	20	N	700	300	N	50	N
0454	N	20	100	50	30	N	N	20	10	N	20	N	700	300	N	50	N
0455	N	50	50	50	20	N	N	20	20	N	15	N	700	300	N	30	N
0456	N	20	30	50	20	N	N	15	20	N	15	N	700	200	N	50	N
0457	N	20	50	50	30	N	N	30	20	N	15	N	700	200	N	30	N
0459	N	20	70	50	20	N	N	30	10	N	20	N	700	300	N	70	N
0462	N	20	70	20	20	N	N	30	10	N	20	N	300	300	N	30	N
0483	N	15	150	50	N	N	N	30	15	N	15	N	500	150	N	20	200
0484	N	20	70	50	20	N	N	20	10	N	20	N	500	300	N	30	<200
0485	N	30	200	50	20	N	N	30	15	N	30	N	500	300	N	70	N
0486	N	30	150	50	50	N	N	20	10	N	30	N	1,000	300	N	70	N
0487	N	30	20	70	100	10	N	5	10	N	15	N	1,500	500	N	100	N
0488	N	15	70	30	20	5	N	20	10	N	15	N	1,500	300	N	70	N
0489	N	20	200	50	100	5	N	30	50	N	20	N	1,000	300	N	70	N
0490	N	15	50	20	30	N	N	15	10	N	15	N	1,000	200	N	50	N
0491	N	15	200	50	30	N	N	30	10	N	20	N	1,500	200	N	50	N
0492	N	15	70	30	50	N	N	30	10	N	15	N	2,000	200	N	70	N
0493	N	30	100	30	200	N	N	50	10	N	20	N	1,500	200	N	50	N
0494	N	50	200	50	50	N	N	30	20	N	20	N	500	300	N	50	N

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--continued

Sample	S-ZR	S-TH	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P	CM-W-P	CM-TH-T	SI-F	AC-TH	AC-U	U-INST
1387	100	N	N	55	20	250	<1	--	--	--	--	--
						Petersburg A5--continued						
0424	50	N	N	20	15	80	N	10.80	--	--	--	1.00
0425	70	N	N	40	25	40	N	--	--	--	--	--
0426	70	N	N	50	20	140	--	--	--	--	--	--
0427	100	N	.10	40	15	55	N	3.31	--	4.40	3.31	4.40
0428	70	N	<.05	20	5	90	N	2.70	--	5.60	2.70	5.60
0429	150	N	N	20	10	90	N	--	--	--	--	--
0430	150	N	N	10	10	75	N	--	--	--	--	--
0431	150	N	<.05	50	15	110	N	2.13	--	4.90	2.13	4.90
0432	100	N	N	65	20	60	--	--	--	--	--	--
0433	100	N	N	40	20	50	--	--	--	--	--	--
0434	500	N	N	40	15	55	N	--	--	--	--	--
0435	50	N	N	30	20	95	N	1.25	--	4.70	1.25	4.70
0436	70	N	N	25	15	55	<1	--	--	--	--	--
0438	150	N	N	20	<5	25	N	5.16	--	<3.70	5.16	<3.70
0441	700	N	.10	40	10	30	N	3.33	--	7.50	3.33	7.50
0442	150	N	N	55	10	35	--	--	--	--	--	--
0443	150	N	N	20	10	20	N	2.73	--	5.95	2.73	5.95
0444	50	N	N	30	20	40	--	--	--	--	--	--
0445	100	N	<.05	45	25	95	N	--	--	--	--	--
0448	150	N	N	35	30	100	N	--	--	--	--	--
0450	150	N	--	40	35	80	--	--	--	--	--	--
0452	70	N	<.10	45	30	100	N	--	--	--	--	--
0454	100	N	N	25	20	80	--	--	--	--	--	--
0455	100	N	N	40	30	100	--	--	--	--	--	--
0456	100	N	N	20	20	60	--	--	--	--	--	--
0457	100	N	N	40	25	100	--	--	--	--	--	--
0459	100	N	N	40	15	70	N	3.00	--	5.00	3.00	5.00
0482	100	N	N	15	15	100	--	--	--	--	--	--
0483	20	N	--	50	30	140	--	--	--	--	--	--
0484	100	N	N	40	20	120	N	--	--	--	--	--
0485	200	N	--	40	20	85	--	--	--	--	--	--
0486	70	N	N	35	15	25	--	--	--	--	--	--
0487	200	N	N	30	10	20	--	--	--	--	--	--
0488	150	N	N	--	--	--	--	--	--	--	--	--
0489	1,000	N	--	45	110	110	--	--	--	--	--	--
0490	100	N	N	15	10	40	N	--	--	--	--	--
0491	700	N	--	30	10	45	--	--	--	--	--	--
0492	700	N	N	30	15	50	7	--	--	--	--	--
0493	200	N	--	15	25	35	--	--	--	--	--	--
0494	150	N	--	20	15	95	--	--	--	--	--	--

55-21

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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
C495	56 9 2	133 31 12	10.0	3.0	1.00	.70	1,500	N	N	N	50	500	2.0	N
C496	56 10 57	133 21 52	10.0	2.0	10.00	.70	1,500	N	N	N	10	500	1.0	N
C497	56 10 25	133 24 14	7.0	2.0	20.00	.70	1,500	N	N	N	10	200	1.0	N
C498	56 11 17	133 26 7	10.0	3.0	10.00	1.00	2,000	N	N	N	15	300	1.0	N
C499	56 10 25	133 24 21	10.0	3.0	10.00	1.00	2,000	N	N	N	15	300	1.0	N
C500	56 10 35	133 27 28	15.0	3.0	10.00	>1.00	5,000	N	N	N	10	300	1.0	N
C501	56 10 48	133 28 45	10.0	3.0	7.00	1.00	2,000	N	N	N	15	300	1.0	N
C502	56 12 36	133 31 27	7.0	3.0	10.00	1.00	2,000	N	N	N	10	300	1.0	N
C709	56 5 43	133 30 52	7.0	.7	1.00	.50	2,000	N	N	N	10	700	1.0	N
C710	56 5 50	133 31 56	5.0	1.0	1.00	.50	2,000	N	N	N	20	700	1.0	N
C711	56 6 7	133 35 33	5.0	1.0	.50	.50	1,500	N	N	N	30	700	1.0	N
C712	56 6 23	133 36 47	5.0	.7	.70	.50	1,500	N	N	N	30	700	1.0	N
C713	56 7 43	133 37 36	5.0	.7	.70	.50	200	N	N	N	30	700	1.0	N
C714	56 5 2	133 38 12	3.0	2.0	5.00	.20	1,500	N	N	N	10	300	<1.0	N
C715	56 9 0	133 26 3	7.0	1.0	1.00	.50	5,000	N	N	N	<10	500	<1.0	N
C716	56 12 36	133 31 35	3.0	1.0	7.00	.30	700	N	N	N	10	500	<1.0	N
C717	56 10 50	133 32 25	5.0	1.0	1.00	.50	200	N	N	N	30	500	1.0	N
C718	56 11 18	133 33 58	7.0	1.0	1.00	.70	1,500	N	N	N	30	700	1.0	N
C719	56 12 18	133 36 1	7.0	.7	.70	.70	2,000	N	N	N	20	700	1.0	N
C745	56 14 23	133 22 56	7.0	3.0	7.00	.50	1,500	N	N	N	10	300	1.0	N
C772	56 14 16	133 21 6	7.0	3.0	5.00	.50	1,500	N	N	N	10	300	1.0	N
C773	56 13 48	133 37 38	7.0	3.0	2.00	.50	1,500	N	N	N	20	500	1.0	N
C774	56 14 11	133 32 40	7.0	3.0	7.00	.50	1,500	N	N	N	15	500	1.0	N
C775	56 13 36	133 30 14	7.0	3.0	10.00	.30	1,500	N	N	N	<10	500	1.0	N
C776	56 10 50	133 21 53	7.0	3.0	7.00	.30	1,500	N	N	N	<10	300	1.0	N
C777	56 10 18	133 23 59	5.0	7.0	20.00	.30	1,500	N	N	N	<10	100	N	N
C778	56 10 43	133 22 21	7.0	5.0	7.00	.50	1,500	N	N	N	10	300	2.0	N
C779	56 10 13	133 23 55	2.0	1.0	15.00	.10	1,500	N	N	N	<10	50	1.0	N
C795	56 3 54	133 29 25	10.0	2.0	7.00	.50	1,500	N	N	N	10	300	1.0	N
C796	56 1 52	133 35 10	10.0	2.0	1.00	.50	3,000	N	N	N	70	500	1.0	N
C798	56 0 38	133 22 15	10.0	2.0	1.00	.50	3,000	N	N	N	30	300	N	N
C801	56 5 26	133 22 14	10.0	5.0	7.00	.50	1,500	N	N	N	<10	200	1.0	N
					Petersburg A6--continued									
C446	56 1 41	133 43 29	7.0	1.0	7.00	.50	1,500	N	N	N	15	300	1.0	N
C447	56 2 41	133 41 1	7.0	2.0	3.00	.50	1,500	N	N	N	20	500	1.0	N
C449	56 2 36	133 41 4	5.0	1.0	3.00	.50	700	N	N	N	20	500	1.0	N
C451	56 2 35	133 41 11	10.0	2.0	3.00	.50	1,500	N	N	N	20	300	1.0	N
C453	56 4 26	133 40 47	5.0	1.0	5.00	.30	2,000	N	N	N	15	300	1.0	N

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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	S-ZN
0495	N	3C	100	150	50	N	N	50	20	N	20	N	500	300	N	50	N
0496	N	15	70	50	30	N	N	30	15	N	15	N	1,000	200	N	50	N
0497	N	15	70	30	20	N	N	30	15	N	15	N	1,000	200	N	50	N
0498	N	15	50	20	50	N	N	15	10	N	20	N	1,000	200	N	100	N
0499	N	2C	150	50	50	N	N	30	10	N	30	N	1,000	300	N	70	N
0500	N	2C	500	20	100	N	<20	15	10	N	30	N	1,000	300	N	200	N
0501	N	3C	70	70	50	N	N	30	20	N	20	N	1,000	300	N	70	N
0502	N	3C	70	20	30	N	N	30	10	N	15	N	1,000	200	N	100	N
0709	N	3C	70	10	N	N	N	10	20	N	7	N	500	150	N	20	N
0710	N	3C	100	30	N	N	N	15	20	N	10	N	300	200	N	20	<200
0711	N	3C	100	70	N	N	N	30	30	N	10	N	100	200	N	20	N
0712	N	3C	70	70	N	N	N	30	20	N	10	N	200	150	N	20	N
0713	N	3C	70	70	N	N	N	50	30	N	10	N	200	150	N	20	<200
0714	N	15	50	30	N	N	N	15	20	N	5	N	200	70	N	15	N
0715	N	3C	30	50	N	15	N	10	10	N	7	N	300	200	N	20	N
0716	N	15	50	20	N	N	N	15	10	N	7	N	300	70	N	20	N
0717	N	2C	100	50	N	N	N	30	20	N	7	N	200	20	N	20	N
0718	N	15	70	20	N	N	N	20	10	N	7	N	500	150	N	20	N
0719	N	2C	70	20	N	N	N	15	20	N	5	N	200	150	N	20	N
0745	N	3C	150	20	20	N	N	20	20	N	15	N	500	200	N	30	N
0772	N	2C	150	70	N	10	N	30	20	N	15	N	500	200	N	20	N
0773	N	3C	100	50	20	N	N	30	50	N	15	N	300	200	N	20	N
0774	N	2C	150	20	20	N	N	30	50	N	15	N	300	200	N	20	N
0775	N	2C	50	20	N	N	N	20	50	N	10	N	500	150	N	15	N
0776	N	3C	70	100	N	7	N	30	50	N	10	N	700	200	N	15	N
0777	N	15	50	20	N	N	N	20	50	N	5	N	500	150	N	10	N
0778	N	2C	100	100	20	N	N	30	50	N	10	N	500	200	N	20	N
0779	N	5	20	20	N	N	N	15	15	N	5	N	200	50	N	10	N
0795	N	3C	100	20	N	10	N	20	20	N	15	N	700	200	N	50	N
0796	N	3C	70	50	N	10	N	30	20	N	15	N	300	300	N	20	N
0798	N	3C	100	30	N	N	N	20	10	N	15	N	500	150	N	20	N
0801	N	3C	150	200	N	N	N	30	10	N	20	N	700	200	N	20	N

Petersburg A6--continued

0446	N	15	100	20	30	N	N	20	10	N	15	N	700	200	N	30	N
0447	N	2C	70	50	30	N	N	50	10	N	20	N	700	200	N	70	N
0449	N	15	50	15	30	N	N	20	<10	N	15	N	1,000	200	N	30	N
0451	N	2C	100	30	30	N	N	30	10	N	15	N	700	200	N	30	N
0453	N	2C	70	3C	30	N	N	50	20	N	15	N	500	150	N	30	N

55-23

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--continued

Sample	S-ZR	S-TH	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P	CM-W-P	CM-TH-T	SI-F	AC-TH	AC-U	U-INST
C495	700	N	--	110	50	220	N	--	--	--	--	--
0496	100	N	N	40	15	40	2	--	--	--	--	--
0497	500	N	--	10	20	15	7	--	--	--	--	--
C498	500	N	N	15	20	30	--	--	--	--	--	--
C499	500	N	N	5	10	20	--	--	--	--	--	--
0500	1,000	N	N	<5	5	<5	--	--	--	--	--	--
0501	1,000	N	--	40	25	60	--	--	--	--	--	--
0502	500	N	N	25	15	30	--	--	--	--	--	--
0709	200	N	N	5	10	35	N	--	--	--	--	--
0710	100	N	N	15	15	65	N	--	--	--	--	--
0711	100	N	N	45	25	170	N	--	--	--	--	--
0712	150	N	N	55	25	160	N	--	--	--	--	--
0713	100	N	N	40	25	170	<2	--	--	--	--	--
0714	300	N	N	15	25	45	N	--	--	--	--	--
0715	150	N	N	20	10	40	<2	--	--	<4.00	6.43	--
0716	70	N	N	10	20	40	N	--	--	--	--	--
0717	70	N	N	25	20	100	N	--	--	--	--	--
0718	150	N	N	10	15	55	N	--	--	--	--	--
0719	100	N	N	10	20	95	N	--	--	--	--	--
0745	100	N	N	15	10	60	N	--	--	3.30	2.95	--
0772	100	N	N	55	10	100	2	--	--	6.23	1.91	--
0773	100	N	N	30	25	110	N	--	--	--	--	--
0774	70	N	N	15	15	60	N	--	--	--	--	--
0775	70	N	N	20	20	45	<2	--	--	--	--	--
0776	100	N	N	50	10	60	<2	--	--	--	--	--
0777	50	N	N	20	30	45	<2	--	--	<3.60	2.17	--
0778	100	N	N	55	15	60	<2	--	--	8.31	3.16	--
0779	20	N	N	15	45	60	<2	--	--	<3.10	2.10	--
C795	100	N	N	10	5	25	5	--	--	7.16	3.82	--
0796	100	N	N	35	15	120	<2	--	--	8.50	4.76	--
0798	70	N	N	20	15	75	<2	--	--	--	--	--
0801	100	N	N	75	10	45	<2	--	--	--	--	--

Petersburg 46--continued

0446	700	N	N	30	30	60	N	--	--	--	--	--
0447	150	N	N	30	25	110	N	--	--	--	--	--
C449	100	N	N	20	15	60	N	--	--	--	--	--
0451	700	N	N	40	40	30	--	--	--	--	--	--
0453	150	N	N	25	30	75	N	--	--	--	--	--

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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
C547	56 7 44	133 57 56	5.0	2.0	2.00	.50	1,000	N	N	N	30	700	1.0	N
C548	56 7 54	133 57 52	5.0	2.0	2.00	.70	1,000	N	N	N	30	700	1.0	N
C549	56 9 28	133 56 39	5.0	2.0	1.00	.50	1,500	N	N	N	30	500	1.0	N
C550	56 11 40	133 56 20	5.0	1.0	1.00	.70	700	N	N	N	50	500	1.0	N
C551	56 12 23	133 57 11	5.0	2.0	.50	.70	1,000	N	N	N	100	300	1.0	N
C552	56 11 47	133 58 26	10.0	2.0	.50	.70	1,000	N	N	N	50	500	1.0	N
C553	56 12 45	133 54 47	10.0	3.0	5.00	.70	2,000	N	N	N	20	300	N	N
C554	56 12 50	133 56 0	10.0	3.0	2.00	.70	500	N	N	N	20	500	N	N
C556	56 12 50	133 55 22	10.0	2.0	2.00	.70	1,500	N	N	N	50	500	<1.0	N
C558	56 13 3	133 53 28	10.0	3.0	5.00	1.00	1,500	N	N	N	20	300	<1.0	N
1024	56 5 22	133 56 0	3.0	1.0	1.00	.30	3,000	N	N	N	50	1,500	1.0	N
1026	56 7 53	133 57 35	3.0	2.0	.70	.30	500	N	N	N	20	300	<1.0	N
1028	56 14 8	133 55 35	2.0	.7	1.50	.50	1,000	N	N	N	15	200	1.0	N
1029	56 5 19	133 58 40	3.0	1.5	.50	.50	1,500	<.5	N	N	20	300	1.0	N
1031	56 6 5	133 57 30	3.0	1.5	1.50	.70	2,000	.5	N	N	15	500	1.0	N
1033	56 10 32	133 56 28	2.0	.7	.50	.20	1,000	N	N	N	20	200	1.0	N

Petersburg B1--continued

C041	56 27 47	132 18 24	3.0	1.0	1.00	.70	1,000	N	N	N	30	300	<1.0	N
C042	56 27 40	132 17 17	3.0	1.5	1.00	.70	1,000	N	N	N	30	500	<1.0	N
C043	56 27 9	132 15 39	3.0	1.5	1.00	.50	700	N	N	N	30	700	<1.0	N
C044	56 26 39	132 14 48	3.0	1.5	1.00	.50	700	N	N	N	30	700	<1.0	N
C045	56 24 43	132 14 34	5.0	1.5	1.00	.50	700	N	N	N	50	500	<1.0	N
C046	56 23 46	132 14 10	3.0	1.0	1.50	.50	1,000	N	N	N	30	300	<1.0	N
C047	56 22 32	132 12 35	3.0	1.5	1.50	.50	1,000	N	N	N	30	300	<1.0	N
C048	56 21 20	132 10 40	3.0	1.0	1.00	.30	700	N	N	N	30	500	<1.0	N
C049	56 20 24	132 8 0	3.0	1.5	1.50	.30	700	N	N	N	30	500	<1.0	N
C050	56 24 18	132 9 38	3.0	1.5	1.50	.50	700	N	N	N	30	700	<1.0	N
C051	56 25 39	132 11 35	3.0	1.5	1.00	.50	1,000	N	N	N	30	500	<1.0	N
C052	56 27 29	132 12 12	3.0	1.5	1.00	.50	700	N	N	N	30	300	<1.0	N
C127	56 15 5	132 15 25	5.0	2.0	5.00	.70	2,000	N	N	N	50	300	N	N
C248	56 29 47	132 15 15	10.0	3.0	2.00	.50	1,000	N	N	N	20	2,000	1.0	N
C254	56 27 46	132 12 41	5.0	2.0	2.00	.50	1,000	N	N	N	20	1,000	1.0	N
C255	56 28 23	132 11 27	5.0	3.0	1.00	.50	700	N	N	N	20	1,000	1.0	N
C256	56 29 3	132 9 48	7.0	3.0	2.00	.50	1,000	N	N	N	10	3,000	1.0	N
C257	56 28 27	132 9 22	7.0	3.0	2.00	.50	1,000	N	N	N	10	1,000	1.0	N
C258	56 28 35	132 8 35	7.0	5.0	5.00	.70	1,500	N	N	N	10	1,000	1.0	N
C259	56 28 48	132 6 27	7.0	3.0	2.00	.50	700	N	N	N	<10	1,000	2.0	N
C260	56 29 39	132 5 31	7.0	3.0	3.00	.70	1,000	N	N	N	<10	1,500	1.0	N
C264	56 27 37	132 4 57	10.0	3.0	2.00	.70	1,500	N	N	N	10	1,000	N	N
C265	56 28 17	132 2 47	10.0	3.0	3.00	.70	1,000	N	N	N	10	1,000	N	N
C267	56 21 9	132 19 40	7.0	2.0	1.00	.70	700	N	N	N	30	1,000	N	N
C268	56 21 42	132 17 0	10.0	3.0	2.00	.70	1,000	N	N	N	20	700	N	N

55-25

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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	S-ZN
0547	N	20	50	50	20	N	N	30	10	N	20	N	500	300	N	30	N
0548	N	2C	30	30	30	N	N	30	10	N	20	N	700	300	N	30	N
0549	N	15	50	20	30	N	N	30	10	N	15	N	700	300	N	30	N
0550	N	15	150	50	30	N	N	70	10	N	15	N	500	500	N	30	N
0551	N	2C	50	70	30	N	N	50	20	N	15	N	300	500	N	30	N
0552	N	2C	70	50	30	N	N	50	15	N	20	N	300	500	N	30	N
0553	N	3C	150	50	20	N	N	30	10	N	30	N	500	500	N	30	N
0554	N	15	70	50	50	N	N	30	10	N	20	N	300	500	N	30	N
0556	N	2C	70	70	20	N	N	50	10	N	20	N	700	500	N	30	200
0558	N	3C	150	50	20	N	N	30	<10	N	30	N	500	300	N	30	N
1024	N	30	70	20	<20	5	N	20	30	N	20	N	200	150	N	20	200
1026	N	2C	30	20	N	<5	N	20	15	N	20	N	200	100	N	15	<200
1028	N	3C	30	20	20	<5	N	20	10	N	20	N	200	200	N	15	<200
1029	N	3C	50	20	<20	<5	N	20	20	N	20	N	300	200	N	20	<200
1031	N	3C	30	50	20	5	N	20	50	N	30	N	500	200	N	20	200
1033	N	2C	20	20	<20	<5	N	20	10	N	15	N	200	150	N	15	<200

Petersburg B1--continued

0041	N	2C	100	30	<20	N	N	30	15	N	15	N	300	100	N	15	N
0042	N	2C	150	30	<20	N	N	50	15	N	15	N	300	150	N	15	N
0043	N	15	200	30	<20	5	N	70	10	N	15	N	300	150	N	15	N
0044	N	15	200	30	<20	10	N	100	15	N	15	N	300	150	N	15	N
0045	N	15	150	30	<20	N	N	70	15	N	15	N	300	100	N	15	N
0046	N	1C	100	10	<20	N	N	30	20	N	15	N	300	100	N	15	N
0047	N	15	100	15	<20	15	N	50	20	N	15	N	300	150	N	15	N
0048	N	1C	70	20	<20	15	N	50	15	N	10	N	300	100	N	10	N
0049	N	15	150	20	<20	N	N	50	15	N	15	N	300	100	N	10	N
0050	N	15	200	70	<20	N	N	100	20	N	15	N	300	150	N	15	N
0051	N	15	150	20	30	N	N	70	20	N	10	N	300	100	N	10	N
0052	N	15	150	20	20	N	N	50	20	N	10	N	300	100	N	10	N
0127	N	2C	300	20	20	N	N	70	15	N	50	N	500	300	N	50	N
0248	N	2C	300	30	50	N	N	70	20	N	20	N	500	150	N	30	N
0254	N	2C	300	15	N	N	N	70	20	N	15	N	700	100	N	20	N
0255	N	3C	700	50	N	N	N	150	20	N	15	N	500	150	N	20	N
0256	N	3C	200	70	50	N	N	70	30	N	20	N	700	200	N	30	N
0257	N	3C	150	70	20	N	N	50	70	N	20	N	500	200	N	30	<200
0258	N	3C	300	70	50	N	N	50	50	N	30	150	500	300	N	70	<200
0259	N	2C	200	70	N	N	N	50	70	N	30	10	300	150	N	30	<200
0260	N	2C	200	70	20	N	N	50	50	N	30	10	500	200	N	50	200
0264	N	3C	150	50	50	N	N	50	20	N	30	N	500	200	N	70	N
0265	N	3C	150	70	20	N	N	50	30	N	30	N	700	200	N	70	N
0267	N	2C	300	30	N	N	N	70	10	N	20	N	500	150	N	30	N
0268	N	3C	300	30	20	N	N	70	10	N	30	N	500	150	N	50	N

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--continued

Sample	S-ZR	S-TH	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P	CM-W-P	CM-TH-T	SI-F	AC-TH	AC-U	U-INST
0547	100	N	N	30	30	100	N	--	--	--	--	--
0548	100	N	N	30	40	100	N	--	--	--	--	--
0549	100	N	N	5	15	65	N	--	--	--	--	--
0550	100	N	N	35	25	225	N	--	--	--	--	--
0551	150	N	N	40	20	120	--	--	--	--	--	--
0552	150	N	--	25	20	130	--	--	--	--	--	--
0553	100	N	N	40	20	90	--	--	--	--	--	--
0554	50	N	N	15	20	50	--	--	--	--	--	--
0556	100	N	N	45	30	110	--	--	--	--	--	--
0558	500	N	--	30	30	75	--	--	--	--	--	--
1024	100	N	N	25	20	140	N	--	--	--	--	--
1026	150	N	N	30	20	95	N	--	--	--	--	--
1028	70	N	N	30	20	110	N	--	--	--	--	--
1029	100	N	N	20	15	120	N	--	--	--	--	--
1031	100	N	N	30	30	180	N	--	--	--	--	--
1033	50	N	N	25	20	160	N	--	--	--	--	--

Petersburg B1--continued

0041	70	--	N	30	10	75	N	2.49	--	4.90	2.49	4.90
0042	70	--	N	20	10	75	N	2.17	--	3.80	2.17	3.80
0043	70	--	N	25	15	75	N	--	--	--	--	--
0044	70	--	N	25	10	80	N	2.13	--	3.70	2.13	3.70
0045	70	--	N	20	10	60	N	2.69	--	<4.70	2.69	<4.70
0046	70	--	N	10	10	45	N	1.91	--	4.10	1.91	4.10
0047	70	--	N	10	10	35	N	1.61	--	2.70	1.61	2.70
0048	70	--	N	15	10	35	N	1.76	--	3.70	1.76	3.70
0049	70	--	N	15	15	60	<1	--	--	--	--	--
0050	70	--	N	30	15	100	<1	1.88	--	5.50	1.88	5.50
0051	50	--	N	15	10	70	N	1.99	--	4.30	1.99	4.30
0052	50	--	N	15	15	80	N	2.24	--	4.40	2.24	4.40
0127	200	--	N	10	10	20	1	--	--	--	--	--
0243	100	--	N	20	15	90	<1	--	--	--	--	--
0254	150	--	N	10	15	50	N	--	--	--	--	--
0255	150	--	N	20	20	85	N	2.60	--	<4.70	2.60	<4.70
0256	150	--	N	40	25	80	<1	5.02	--	14.50	5.02	14.50
0257	70	--	N	30	40	130	<1	3.23	--	8.49	3.23	8.49
0258	200	--	N	25	30	110	7	6.92	--	16.50	6.92	16.50
0259	70	--	N	30	35	150	1	3.93	--	11.70	3.93	11.70
0260	150	--	N	30	35	140	3	3.66	--	9.12	3.66	9.12
0264	150	--	.10	20	30	75	1	4.10	--	10.40	4.10	10.40
0265	100	--	N	30	40	110	<1	--	--	--	--	--
0267	150	--	N	10	20	60	N	--	--	--	--	--
0268	100	--	N	15	10	55	N	--	--	--	--	--

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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
0269	56 19 24	132 13 14	7.0	2.0	1.00	.50	700	N	N	N	20	700	N	N
0270	56 19 20	132 13 5	5.0	2.0	1.00	.50	700	N	N	N	10	500	N	N
0271	56 18 37	132 13 10	5.0	3.0	2.00	.50	700	N	N	N	10	500	N	N
0272	56 17 40	132 12 46	10.0	3.0	2.00	.70	500	N	N	N	20	1,000	N	N
0273	56 19 33	132 7 43	5.0	3.0	2.00	.50	700	20.0	N	N	15	700	N	N
0274	56 19 40	132 7 30	5.0	3.0	2.00	.50	1,000	N	N	N	10	700	N	N
0275	56 18 51	132 8 6	10.0	3.0	3.00	.50	1,000	N	N	N	10	500	N	N
0276	56 17 53	132 8 18	10.0	5.0	3.00	.50	1,500	N	N	N	<10	500	N	N
0277	56 17 40	132 8 26	5.0	2.0	3.00	.50	1,000	N	N	N	10	700	N	N
0278	56 17 10	132 7 40	10.0	5.0	5.00	.70	1,500	N	N	N	10	300	N	N
0279	56 17 0	132 5 0	10.0	3.0	2.00	.50	700	N	N	N	15	1,000	N	N
0280	56 17 0	132 4 50	10.0	3.0	2.00	.50	1,000	N	N	N	10	700	N	N
0281	56 16 16	132 1 55	10.0	3.0	3.00	.70	1,500	N	N	N	10	700	N	N
0282	56 18 46	132 0 55	7.0	3.0	3.00	.50	1,000	N	N	N	10	700	N	N
0283	56 19 0	132 0 4	7.0	3.0	3.00	.70	1,500	N	N	N	20	1,500	N	N
0284	56 18 41	132 0 56	10.0	5.0	5.00	.70	1,500	N	N	N	10	500	N	N
0285	56 23 42	132 5 30	10.0	2.0	2.00	.70	1,000	N	N	N	10	1,000	N	N
0286	56 24 18	132 4 40	10.0	5.0	2.00	.70	1,000	N	N	N	<10	1,000	N	N
0287	56 24 18	132 4 30	7.0	5.0	2.00	.50	1,000	N	N	N	10	1,000	N	N
0288	56 28 0	132 8 30	5.0	2.0	2.00	.50	1,000	N	N	N	10	700	1.0	N
0289	56 27 53	132 8 32	5.0	3.0	2.00	.70	700	N	N	N	15	1,500	N	N
0290	56 27 0	132 5 25	5.0	3.0	2.00	.50	700	N	N	N	<10	700	N	N
0867	56 16 1	132 0 0	7.0	3.0	7.00	.30	1,500	N	N	N	10	300	1.0	N
0869	56 19 53	132 0 22	7.0	5.0	7.00	.50	2,000	N	N	N	10	300	1.0	N
0870	56 18 8	132 0 0	7.0	2.0	7.00	.30	2,000	N	N	N	10	300	1.0	N
0871	56 22 8	132 0 22	7.0	7.0	7.00	.30	1,500	N	N	N	10	700	2.0	N
0872	56 21 28	132 0 47	5.0	2.0	5.00	.30	1,000	N	N	N	15	500	1.0	N
0873	56 22 8	132 2 32	5.0	3.0	2.00	.20	700	N	N	N	10	300	N	N
0874	56 21 16	132 2 38	7.0	5.0	7.00	.30	3,000	N	N	N	10	300	1.0	N
0875	56 22 36	132 4 5	7.0	5.0	7.00	.30	1,500	N	N	N	20	300	1.0	N
0876	56 22 38	132 5 2	7.0	3.0	5.00	.30	1,500	N	N	N	15	500	N	N
0878	56 22 43	132 0 14	7.0	5.0	7.00	.30	1,000	N	N	N	10	1,000	3.0	N
0880	56 25 1	132 0 41	7.0	5.0	7.00	.30	1,000	N	N	N	10	1,000	2.0	N
0881	56 22 30	132 5 50	7.0	5.0	5.00	.30	3,000	N	N	N	30	500	2.0	N
0882	56 22 11	132 5 0	7.0	5.0	2.00	.30	3,000	N	N	N	50	500	1.0	N
0883	56 26 15	132 0 6	7.0	7.0	7.00	.30	1,500	N	N	N	10	500	2.0	N
0885	56 26 16	132 0 21	7.0	5.0	5.00	.30	1,500	N	N	N	<10	300	3.0	N
0887	56 26 20	132 0 14	7.0	5.0	7.00	.30	1,500	N	N	N	10	500	1.0	N
0892	56 21 40	132 6 23	7.0	5.0	1.00	.50	1,000	N	N	N	50	500	N	N
0894	56 22 42	132 7 41	10.0	5.0	7.00	.50	2,000	N	N	N	50	300	2.0	N
0895	56 21 12	132 6 52	7.0	5.0	5.00	.30	1,000	N	N	N	30	300	1.0	N
0896	56 23 21	132 15 22	7.0	5.0	5.00	.50	1,500	N	N	N	70	500	2.0	N
0897	56 23 26	132 8 49	10.0	5.0	7.00	.70	3,000	N	N	N	50	500	2.0	N
0899	56 24 7	132 14 11	7.0	2.0	1.00	.30	700	N	N	N	30	200	N	N
0901	56 21 13	132 19 48	10.0	5.0	2.00	.50	2,000	N	N	N	50	500	1.0	N

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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	S-ZN
0269	N	20	200	30	N	N	N	50	10	N	20	N	500	100	N	20	N
0270	N	15	200	10	N	N	N	50	10	N	20	N	500	100	N	20	N
0271	N	15	200	20	N	N	N	50	10	N	20	N	500	100	N	30	N
0272	N	20	500	30	N	N	N	150	20	N	20	N	500	200	N	20	N
0273	N	15	300	7	N	N	N	70	20	N	20	N	500	150	N	20	N
0274	N	15	300	10	20	N	N	70	10	N	30	N	500	150	N	30	N
0275	N	15	500	5	20	N	N	70	10	N	30	N	700	200	N	30	N
0276	N	20	700	5	20	N	N	70	10	N	50	N	700	300	N	30	N
0277	N	15	200	5	20	N	N	70	10	N	30	N	700	150	N	20	N
0278	N	30	1,000	7	50	N	N	100	10	N	70	N	700	300	N	50	N
0279	N	30	700	50	N	N	N	150	20	N	30	N	500	300	N	20	N
0280	N	20	700	20	50	N	N	100	10	N	30	N	500	200	N	50	N
0281	N	15	200	7	20	N	N	20	10	N	30	N	700	200	N	30	N
0282	N	15	300	5	20	N	N	50	10	N	30	N	700	200	N	30	N
0283	N	15	200	15	20	N	N	30	20	N	30	N	700	200	N	70	N
0284	N	15	200	7	70	N	N	20	10	N	50	N	700	300	N	70	N
0285	N	20	200	30	50	N	N	70	15	N	20	N	500	150	N	30	N
0286	N	30	500	50	50	N	N	100	10	N	30	N	300	200	N	50	N
0287	N	30	200	70	50	N	N	70	20	N	30	N	500	200	N	30	N
0288	N	15	100	30	20	N	N	50	50	N	15	N	500	150	N	30	N
0289	N	30	300	50	50	N	N	50	30	N	20	N	300	200	N	30	N
0290	N	30	100	50	20	N	N	20	30	N	20	N	300	150	N	30	N
0867	N	15	50	5	30	N	N	5	20	N	20	N	500	300	N	30	N
0869	N	15	150	5	N	N	N	20	15	N	30	N	700	30	N	70	N
0870	N	10	70	5	20	N	N	10	15	N	20	N	700	20	N	30	N
0871	N	30	200	70	50	N	N	50	30	N	20	N	500	300	N	30	N
0872	N	10	70	10	50	N	N	20	30	N	15	N	500	200	N	20	N
0873	N	10	70	30	N	N	N	30	30	N	5	N	300	150	N	10	N
0874	N	20	200	20	50	N	N	30	30	N	30	N	500	300	N	50	N
0875	N	30	200	70	50	N	N	50	50	N	15	N	500	300	N	30	N
0876	N	20	100	50	N	N	N	20	20	N	15	N	500	150	N	20	N
0878	N	15	150	30	150	N	N	30	70	N	15	N	500	300	N	50	N
0880	N	20	150	50	70	N	N	30	70	N	20	N	500	200	N	30	N
0881	N	20	150	20	20	N	N	30	70	N	20	N	500	300	N	50	N
0882	N	20	150	50	20	N	N	30	50	N	20	N	500	200	N	50	N
0883	N	30	200	70	20	N	N	50	70	N	20	N	500	200	N	30	N
0885	N	20	100	70	30	N	N	30	50	N	20	N	300	200	N	50	N
0887	N	30	200	50	30	N	N	50	50	N	20	N	500	300	N	50	N
0892	N	30	300	50	N	N	N	100	20	N	15	N	500	200	N	20	N
0894	N	20	100	20	N	N	N	30	50	N	20	N	500	300	N	50	N
0895	N	30	300	30	N	N	N	150	10	N	15	N	300	200	N	20	N
0896	N	30	200	30	N	N	N	50	30	N	15	N	700	300	N	30	N
0897	N	30	200	70	20	N	N	100	50	N	20	N	500	300	N	70	N
0899	N	20	150	20	N	N	N	50	10	N	10	N	300	150	N	10	N
0901	N	30	300	30	50	N	N	100	30	N	20	N	500	200	N	50	N

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--continued

Sample	S-ZR	S-TH	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P	CM-W-P	CM-TH-T	SI-F	AC-TH	AC-U	U-INST
0269	70	--	N	15	15	45	N	--	--	--	--	--
0270	150	--	N	5	10	25	N	--	--	--	--	--
0271	70	--	N	5	15	40	N	--	--	--	--	--
0272	500	--	N	15	15	60	N	--	--	--	--	--
0273	200	--	N	<5	15	30	N	--	--	--	--	--
0274	500	--	N	5	5	25	N	--	--	--	--	--
0275	100	--	N	<5	10	20	N	--	--	--	--	--
0276	200	--	N	<5	10	25	N	--	--	--	--	--
0277	150	--	N	<5	10	25	N	--	--	--	--	--
0278	200	--	N	<5	10	25	N	--	--	--	--	--
0279	150	--	N	15	15	70	N	1.96	--	<3.80	1.96	<3.80
0280	200	--	N	10	15	55	N	2.45	--	7.50	2.45	7.50
0281	200	--	N	<5	5	35	N	1.40	--	3.00	1.40	3.00
0282	200	--	N	5	5	35	N	1.74	--	3.80	1.74	3.80
0283	150	--	N	10	10	45	N	--	--	--	--	--
0284	150	--	N	5	10	30	N	2.00	--	5.20	2.00	5.20
0285	150	--	N	20	15	100	N	3.09	--	6.40	3.09	6.40
0286	100	--	N	35	15	65	<1	3.30	--	7.18	3.30	7.18
0287	70	--	N	50	15	90	<1	--	--	--	--	--
0288	70	--	N	25	30	100	N	--	--	--	--	--
0289	70	--	N	35	20	100	<1	--	--	--	--	--
0290	70	--	N	35	15	65	N	2.98	--	14.20	2.98	14.20
0867	1,000	N	N	5	40	40	<2	--	--	6.40	4.79	--
0869	300	N	N	N	20	20	N	--	--	<3.00	4.13	--
0870	200	N	N	<5	25	25	<2	--	--	4.20	2.44	--
0871	100	N	N	40	110	110	N	--	--	11.30	4.89	--
0872	100	N	N	5	55	55	5	--	--	5.86	2.28	--
0873	50	N	.10	30	140	140	2	--	--	8.46	4.80	--
0874	500	N	<.05	10	55	55	2	--	--	5.68	2.25	--
0875	70	N	N	30	70	70	N	--	--	8.16	3.20	--
0876	70	N	N	25	120	120	3	--	--	4.00	2.73	--
0878	100	N	<.05	15	60	60	3	--	--	19.30	7.73	--
0880	100	N	.10	25	55	55	30	--	--	13.20	7.72	--
0881	100	N	N	10	80	80	N	--	--	7.15	2.65	--
0882	100	N	N	30	120	120	N	--	--	5.71	1.91	--
0883	70	N	N	40	50	50	5	--	--	10.50	4.09	--
0885	70	N	N	40	100	100	3	--	--	16.50	9.00	--
0887	70	N	N	45	55	55	7	--	--	12.70	3.86	--
0892	100	N	N	35	5	65	2	--	--	5.52	1.64	--
0894	200	N	N	10	10	75	N	--	--	5.00	2.27	--
0895	100	N	N	20	15	70	N	--	--	5.67	2.03	--
0896	300	N	N	10	10	60	N	--	--	--	--	--
0897	200	N	N	25	20	110	<2	--	--	4.90	2.09	--
0899	70	N	N	15	15	70	<2	--	--	--	--	--
0901	500	N	N	10	15	70	N	--	--	--	--	--

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
0909	56 15 50	132 14 35	7.0	5.0	3.00	.50	2,000	N	N	N	30	500	1.0	N
					Petersburg 82--continued									
0019A	56 18 53	132 39 26	3.0	1.0	1.50	.30	1,500	N	N	N	20	1,000	<1.0	N
0019B	56 18 53	132 39 26	3.0	.7	1.00	.50	1,500	N	N	N	30	700	<1.0	N
0013A	56 22 3	132 39 56	3.0	1.5	2.00	.50	1,500	N	N	N	20	500	<1.0	N
0013B	56 22 3	132 39 56	3.0	1.5	2.00	.50	1,500	N	N	N	20	500	<1.0	N
0014A	56 23 35	132 38 22	3.0	1.0	1.00	.50	1,000	N	N	N	20	700	<1.0	N
0014B	56 23 35	132 38 22	3.0	1.0	1.00	.50	1,000	N	N	N	30	700	<1.0	N
0015A	56 23 42	132 38 37	3.0	1.0	.70	.50	1,500	N	N	N	50	700	<1.0	N
0015B	56 23 42	132 38 37	5.0	1.0	1.00	.50	1,500	N	N	N	30	700	<1.0	N
0016A	56 25 6	132 38 1	5.0	1.0	1.50	.50	1,500	N	N	N	30	700	<1.0	N
0016B	56 25 6	132 38 1	5.0	1.0	1.50	.50	1,500	N	N	N	30	500	<1.0	N
0017A	56 26 13	132 39 45	3.0	1.0	1.50	.50	1,000	N	N	N	30	700	<1.0	N
0017B	56 26 13	132 39 45	2.0	.7	1.50	.30	1,000	N	N	N	20	700	<1.0	N
0090	56 18 30	132 32 38	5.0	2.0	5.00	.70	1,500	N	N	N	20	500	<1.0	N
0091	56 18 16	132 28 38	7.0	2.0	5.00	.70	1,500	N	N	N	20	500	N	N
0092	56 18 26	132 31 29	7.0	2.0	7.00	1.00	1,000	N	N	N	15	700	N	N
0093	56 19 25	132 23 50	5.0	1.5	5.00	.70	1,000	N	N	N	20	700	<1.0	N
0094	56 16 43	132 26 11	5.0	2.0	3.00	1.00	700	N	N	N	20	500	<1.0	N
0095	56 17 3	132 23 39	5.0	2.0	7.00	.70	1,500	N	N	N	15	700	<1.0	N
0096	56 15 37	132 24 46	5.0	1.5	5.00	1.00	1,000	N	N	N	20	700	<1.0	N
0097	56 15 29	132 24 40	5.0	1.5	3.00	1.00	1,000	N	N	N	15	500	<1.0	N
0125	56 15 22	132 20 20	5.0	2.0	5.00	.70	1,500	N	N	N	20	500	<1.0	N
0226	56 25 14	132 26 4	10.0	3.0	2.00	.50	1,000	N	N	N	10	700	N	N
0227	56 25 7	132 31 47	10.0	2.0	2.00	.50	1,000	N	N	N	10	700	N	N
0228	56 24 52	132 31 48	10.0	1.0	1.00	.50	3,000	N	N	N	10	500	N	N
0229	56 23 8	132 33 35	7.0	1.0	2.00	.50	2,000	N	N	N	10	700	1.0	N
0230	56 22 21	132 33 35	10.0	1.0	3.00	.50	2,000	N	N	N	10	700	N	N
0231	56 21 26	132 32 22	7.0	1.0	1.00	.50	3,000	N	N	N	20	500	<1.0	N
0232	56 22 10	132 29 5	7.0	1.0	2.00	.50	2,000	N	N	N	15	500	1.0	N
0233	56 20 23	132 28 45	10.0	2.0	2.00	.50	1,000	N	N	N	15	700	N	N
0234	56 23 17	132 26 43	15.0	3.0	3.00	.70	2,000	N	N	N	20	700	N	N
0235	56 27 21	132 34 45	10.0	2.0	2.00	.70	1,500	N	N	N	20	1,000	N	N
0236	56 27 14	132 36 0	10.0	3.0	5.00	.50	1,000	N	N	N	10	700	N	N
0237	56 29 4	132 38 3	10.0	2.0	2.00	.50	1,000	N	N	N	20	700	N	N
0238	56 29 10	132 37 50	10.0	2.0	1.00	.50	1,500	N	N	N	30	1,000	N	N
0239	56 28 50	132 36 20	15.0	5.0	5.00	.70	1,500	N	N	N	10	700	N	N
0240	56 29 19	132 35 1	10.0	1.0	2.00	.50	5,000	N	N	N	20	1,000	N	N
0241	56 29 55	132 36 7	15.0	1.0	2.00	.50	1,500	N	N	N	15	700	N	N
0290	56 18 42	132 20 38	7.0	2.0	2.00	.70	1,000	N	N	N	15	700	N	N
0291	56 17 53	132 34 4	5.0	1.0	2.00	.50	1,000	N	N	N	10	500	N	N
0292	56 17 23	132 34 25	5.0	2.0	2.00	.70	1,500	N	N	N	15	500	N	N

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	S-ZN
0909	N	20	200	10	20	N	N	50	30	N	30	N	700	300	N	50	N
								Petersburg B2--continued									
CC09A	N	15	100	30	20	N	N	30	20	N	15	N	200	150	N	20	N
CC09B	N	15	100	20	20	N	N	30	20	N	15	N	200	150	N	30	N
CC13A	N	2C	70	50	20	N	N	20	15	N	15	N	500	200	N	20	N
CC13B	N	2C	70	70	20	N	N	30	15	N	15	N	500	200	N	20	N
CC14A	N	20	150	30	20	N	N	30	20	N	15	N	300	200	N	20	N
CC14B	N	2C	150	30	20	N	N	30	20	N	15	N	300	200	N	20	N
CC15A	N	2C	150	50	20	N	N	50	20	N	15	N	200	200	N	20	N
CC15B	N	2C	150	50	20	N	N	50	20	N	15	N	200	200	N	20	N
CC16A	N	2C	70	30	20	N	N	30	20	N	15	N	200	200	N	20	N
CC16B	N	2C	70	30	20	N	N	30	15	N	15	N	200	200	N	20	N
CC17A	N	1C	50	30	20	N	N	30	20	N	10	N	300	150	N	15	N
CC17B	N	1C	50	20	20	N	N	30	15	N	10	N	300	100	N	15	N
CC90	N	15	70	50	30	N	N	30	30	N	15	N	500	200	N	20	N
CC91	N	2C	100	70	20	N	N	30	20	N	20	N	500	200	N	20	N
CC92	N	30	150	70	<20	N	N	30	15	N	30	N	700	300	N	30	N
CC93	N	15	100	20	20	N	N	30	30	N	20	N	500	200	N	20	N
CC94	N	20	200	30	20	N	N	70	20	N	20	N	300	200	N	20	N
CC95	N	15	70	20	<20	N	N	30	30	N	20	N	500	200	N	20	N
CC96	N	15	70	30	70	N	N	30	20	N	15	N	300	200	N	20	N
CC97	N	15	70	30	50	N	<20	30	20	N	15	N	200	150	N	20	N
C125	N	15	100	20	20	N	N	30	20	N	20	N	300	200	N	30	N
C226	N	2C	150	30	N	N	N	50	20	N	20	N	500	200	N	30	N
C227	N	2C	150	20	N	N	N	30	20	N	20	N	700	200	N	30	N
C228	N	15	100	30	N	N	N	30	10	N	20	N	300	150	N	50	N
C229	N	15	100	15	N	N	N	30	10	N	20	N	700	150	N	50	N
C230	N	20	150	20	N	N	N	20	10	N	30	N	700	200	N	50	N
C231	N	3C	100	50	N	N	N	50	10	N	15	N	500	200	N	20	N
C232	N	3C	100	50	N	N	N	30	10	N	15	N	500	200	N	20	N
C233	N	2C	300	30	N	N	N	70	10	N	20	N	500	200	N	50	N
C234	N	3C	300	50	N	N	N	70	10	N	30	N	700	500	N	50	N
C235	N	30	200	70	N	N	N	70	10	N	20	N	700	200	N	30	N
C236	N	3C	150	50	N	N	N	30	10	N	30	N	1,000	300	N	30	N
C237	N	3C	200	100	N	N	N	50	20	N	20	N	500	300	N	20	N
C238	N	3C	200	50	N	N	N	50	20	N	20	N	500	200	N	20	N
C239	N	3C	200	100	N	N	N	30	20	N	30	N	1,000	500	N	30	N
C240	N	5C	150	20	N	N	N	50	20	N	15	N	500	200	N	20	N
C241	N	2C	150	20	N	N	N	20	10	N	20	N	700	200	N	20	N
C266	N	2C	200	30	N	N	N	50	10	N	20	N	700	150	N	30	N
C291	N	20	100	20	20	N	N	20	20	N	15	N	500	100	N	30	N
C292	N	3C	200	20	20	N	N	20	10	N	20	N	500	150	N	30	N

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--continued

Sample	S-ZR	S-TH	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P	CM-W-P	CM-TH-T	SI-F	AC-TH	AC-U	U-INST
0969	300	N	N	5	10	35	N	--	--	--	--	--
						Petersburg B2--continued						
0009A	100	--	N	10	15	55	N	6.28	300	9.90	6.28	9.90
0009B	70	--	N	10	15	60	N	--	300	--	--	--
0013A	70	--	N	40	10	70	N	1.83	300	5.00	1.83	5.00
0013B	70	--	N	30	10	60	<1	--	300	--	--	--
0014A	70	--	N	10	10	60	N	2.38	300	4.80	2.38	4.80
0014B	70	--	N	10	10	65	N	--	300	--	--	--
0015A	70	--	N	25	15	100	<1	--	--	--	--	--
0015B	70	--	N	25	15	85	<1	--	300	--	--	--
0016A	70	--	N	10	10	85	<1	3.30	--	7.40	3.30	7.40
0016B	70	--	N	10	10	75	N	--	300	--	--	--
0017A	70	--	N	10	10	50	N	2.06	100	5.20	2.06	5.20
0017B	50	--	N	10	10	55	N	--	200	--	--	--
0090	70	--	N	20	10	50	1	4.31	--	6.50	4.31	6.50
0091	70	--	N	40	10	55	N	2.07	--	5.00	2.07	5.00
0092	70	--	N	30	10	45	N	2.85	--	4.80	2.85	4.80
0093	50	--	N	10	10	50	<1	2.42	--	7.61	2.42	7.61
0094	100	--	N	15	15	75	1	3.08	--	9.60	3.08	9.60
0095	70	--	N	10	10	45	<1	2.49	--	6.04	2.49	6.04
0096	70	--	N	15	10	45	<1	3.21	--	7.39	3.21	7.39
0097	100	--	N	15	10	45	1	7.67	--	11.60	7.67	11.60
0125	100	--	N	10	10	40	<1	--	--	--	--	--
0226	100	--	N	20	20	90	<1	--	--	--	--	--
0227	100	--	N	15	15	60	<1	4.67	--	7.20	4.67	7.20
0228	150	--	N	15	10	50	N	3.40	--	11.20	3.40	11.20
0229	200	--	N	10	10	70	N	4.64	--	9.45	4.64	9.45
0230	200	--	N	10	10	50	N	6.06	--	6.40	6.06	6.40
0231	150	--	N	25	15	75	N	4.37	--	5.60	4.37	5.60
0232	100	--	N	25	15	75	N	2.67	--	5.10	2.67	5.10
0233	200	--	N	10	10	50	N	2.70	--	4.20	2.70	4.20
0234	200	--	N	30	15	65	N	2.82	--	5.30	2.82	5.30
0235	150	--	N	30	10	65	N	--	--	--	--	--
0236	100	--	N	45	10	50	N	--	--	--	--	--
0237	200	--	N	45	15	60	N	--	--	--	--	--
0238	100	--	N	20	15	70	N	--	--	--	--	--
0239	200	--	N	70	15	75	N	--	--	--	--	--
0241	100	--	N	10	15	90	<1	--	--	--	--	--
0241	100	--	N	10	15	60	<1	--	--	--	--	--
0266	150	--	N	10	10	50	N	--	--	--	--	--
0291	150	--	N	10	15	40	N	4.11	--	5.90	4.11	5.90
0292	150	--	N	10	15	45	N	1.99	--	5.30	1.99	5.30

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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
C293	56 20 9	132 30 57	5.0	1.0	2.00	.50	1,000	N	N	N	10	500	N	N
C293A	56 20 9	132 30 57	5.0	2.0	2.00	.50	1,000	N	N	N	10	300	N	N
C294	56 20 13	132 29 35	10.0	3.0	5.00	.70	1,000	N	N	N	20	700	N	N
C295	56 20 22	132 24 49	7.0	2.0	2.00	.50	1,500	N	N	N	10	700	N	N
C296	56 19 4	132 23 25	10.0	3.0	2.00	.50	1,000	N	N	N	10	700	1.0	N
C393	56 23 33	132 20 14	7.0	3.0	1.00	.50	1,000	N	N	N	30	300	N	N
C9C2	56 18 3	132 39 14	7.0	3.0	2.00	.50	1,000	N	N	N	20	500	1.0	N
C9C4	56 23 27	132 38 26	7.0	3.0	2.00	.50	2,000	N	N	N	30	300	2.0	N
C9C5	56 18 42	132 39 32	7.0	2.0	2.00	.50	2,000	N	N	N	20	300	3.0	N
C9C6	56 18 4	132 20 56	10.0	7.0	10.00	.50	2,000	N	N	N	15	500	1.0	N
C9C7	56 17 27	132 28 57	10.0	5.0	7.00	.50	2,000	N	N	N	20	500	3.0	N
C9C8	56 25 9	132 20 8	10.0	5.0	2.00	.70	1,500	N	N	N	100	500	1.0	N
C91C	56 23 13	132 20 15	10.0	5.0	7.00	.70	2,000	N	N	N	70	500	2.0	N
C911	56 24 17	132 20 6	10.0	5.0	5.00	1.00	2,000	N	N	N	70	300	2.0	N
C912	56 27 47	132 21 25	10.0	7.0	7.00	.50	1,500	7.0	N	N	50	700	2.0	N
C913	56 25 15	132 20 16	10.0	5.0	2.00	.70	1,500	N	N	N	70	500	2.0	N

Petersburg B3--continued

CC03A	56 15 8	132 47 39	3.0	1.0	1.00	.70	1,500	N	N	N	15	700	1.0	N
CC03B	56 15 8	132 47 39	5.0	1.0	1.00	.70	1,500	N	N	N	15	700	1.0	N
CC04A	56 15 15	132 45 55	3.0	1.0	1.50	.50	1,000	N	N	N	50	1,000	1.0	N
CC04B	56 15 15	132 45 55	3.0	.7	.70	.20	1,500	N	N	N	50	500	1.0	N
CC05A	56 15 25	132 44 58	3.0	.7	1.50	.30	1,500	N	N	N	20	700	1.0	N
CC05B	56 15 25	132 44 58	3.0	.7	1.00	.30	2,000	N	N	N	20	700	1.0	N
CC06A	56 15 41	132 42 35	3.0	1.0	1.50	.30	3,000	N	N	N	20	700	1.0	N
CC06B	56 15 41	132 42 35	2.0	.7	.70	.20	2,000	N	N	N	15	300	1.0	N
CC07A	56 16 17	132 40 47	3.0	1.5	2.00	.30	3,000	.5	N	N	20	2,000	1.0	N
CC07B	56 16 17	132 40 47	2.0	1.0	1.50	.20	1,500	N	N	N	20	1,500	1.0	N
CC08A	56 16 26	132 40 27	3.0	1.0	1.50	.20	>5,000	N	N	N	30	1,000	1.0	N
CC08B	56 16 26	132 40 27	2.0	.7	1.50	.20	2,000	N	N	N	30	700	1.0	N
CC10A	56 20 0	132 40 41	2.0	.7	.70	.50	1,000	N	N	N	15	500	<1.0	N
CC10B	56 20 0	132 40 41	2.0	.7	.70	.50	1,000	N	N	N	15	500	<1.0	N
CC11A	56 20 13	132 40 51	3.0	1.0	1.00	.50	1,000	N	N	N	20	700	<1.0	N
CC11B	56 20 18	132 40 51	2.0	1.0	1.50	.50	1,500	N	N	N	20	700	<1.0	N
CC12A	56 20 33	132 41 7	3.0	1.0	1.50	.70	1,000	N	N	N	20	700	<1.0	N
CC12B	56 20 38	132 41 7	3.0	1.0	1.00	.50	1,000	N	N	N	20	700	<1.0	N
CC18A	56 26 53	132 41 41	3.0	1.0	2.00	.50	1,000	N	N	N	20	1,000	<1.0	N
CC18B	56 26 53	132 41 41	2.0	1.0	2.00	.50	1,500	N	N	N	20	700	<1.0	N
CC19A	56 27 27	132 43 50	3.0	1.0	3.00	.50	1,500	N	N	N	15	700	<1.0	N
CC19B	56 27 27	132 43 50	3.0	1.0	3.00	.50	2,000	N	N	N	15	700	<1.0	N
CC20A	56 27 5	132 46 1	3.0	1.0	3.00	.70	2,000	N	N	N	15	700	<1.0	N
CC20B	56 27 5	132 46 1	3.0	1.0	2.00	.70	2,000	N	N	N	15	500	<1.0	N
CC21A	56 26 23	132 48 22	5.0	1.0	2.00	.70	1,500	N	N	N	20	700	<1.0	N

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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	S-ZN
0293	N	15	150	15	20	N	N	15	10	N	20	N	500	150	N	30	N
0293A	N	15	150	5	N	N	N	15	15	N	30	N	500	150	N	30	N
0294	N	30	200	20	20	N	N	50	10	N	30	N	700	200	N	50	N
0295	N	20	150	30	70	N	N	30	10	N	20	N	700	150	N	50	N
0296	N	20	200	20	20	N	N	30	10	N	20	N	700	200	N	30	N
0898	N	30	300	50	N	N	N	100	20	N	15	N	300	200	N	20	N
0902	N	20	150	10	50	N	N	30	30	N	15	N	500	200	N	20	N
0904	N	20	150	15	30	N	N	30	20	N	15	N	500	200	N	50	N
0905	N	30	70	20	20	7	N	30	50	N	10	N	300	200	N	30	N
0906	N	30	200	5	N	N	N	30	30	N	30	N	1,000	300	N	70	N
0907	N	30	200	50	20	N	N	50	50	N	20	N	700	200	N	50	N
0908	N	30	300	70	20	N	N	70	20	N	15	N	500	300	N	50	N
0910	N	30	200	30	20	N	N	50	50	N	15	N	500	200	N	30	N
0911	N	30	300	50	20	N	N	70	15	N	15	N	500	200	N	50	N
0912	N	30	700	70	N	N	N	100	50	N	15	N	500	200	N	20	N
0913	N	30	500	70	N	N	N	70	50	N	15	N	500	200	N	20	N
Petersburg B3--continued																	
0013A	N	20	100	30	30	N	<20	20	50	N	15	N	100	100	N	70	<200
0013B	N	20	100	30	20	<5	<20	30	50	N	15	N	100	150	N	50	<200
0014A	N	20	150	30	30	15	N	30	30	N	15	N	200	150	N	20	N
0014B	N	15	70	20	30	N	N	15	20	N	7	N	100	100	N	20	N
0015A	N	20	70	70	50	N	N	15	20	N	10	N	150	150	N	30	<200
0015B	N	15	100	50	30	N	N	15	30	N	10	N	150	150	N	30	<200
0016A	N	20	70	50	20	N	N	30	30	N	15	N	200	150	N	20	200
0016B	N	20	100	20	20	N	N	30	15	N	7	N	100	100	N	15	<200
0017A	N	30	200	300	20	10	N	50	100	N	10	N	100	150	N	50	300
0017B	N	20	150	70	30	N	N	30	70	N	10	N	100	150	N	50	<200
0018A	N	50	100	30	20	15	N	30	70	N	10	N	150	150	<50	30	N
0018B	N	15	70	20	20	N	N	20	20	N	7	N	150	100	N	20	N
0019A	N	10	100	30	20	5	N	20	30	N	10	N	150	100	N	30	N
0019B	N	10	50	20	30	<5	N	15	30	N	10	N	150	100	N	30	N
0011A	N	15	70	20	30	N	N	30	20	N	15	N	200	150	N	20	N
0011B	N	15	100	30	20	N	N	30	20	N	10	N	200	100	N	30	N
0012A	N	20	100	30	20	N	N	30	20	N	15	N	300	150	N	20	N
0012B	N	20	100	30	20	N	N	30	20	N	15	N	300	200	N	30	N
0018A	N	15	70	30	20	N	N	30	15	N	10	N	300	200	N	15	N
0018B	N	10	70	30	20	N	N	20	15	N	10	N	300	150	N	15	N
0019A	N	15	100	30	20	N	N	30	15	N	15	N	300	150	N	20	N
0019B	N	20	100	30	<20	N	N	30	10	N	15	N	300	150	N	20	N
0020A	N	15	70	30	20	N	N	30	20	N	15	N	300	200	N	20	N
0020B	N	15	70	30	20	N	N	20	20	N	15	N	300	200	N	20	N
0021A	N	20	100	30	20	N	N	30	20	N	15	N	300	200	N	20	N

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--continued

Sample	S-ZR	S-TH	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P	CM-W-P	CM-TH-T	SI-F	AC-TH	AC-U	U-INST
0293	200	--	N	10	15	50	N	3.48	--	8.22	3.48	8.22
0293A	150	--	N	5	15	45	N	--	--	--	--	--
0294	150	--	N	10	15	60	N	2.48	--	7.10	2.48	7.10
0295	200	--	N	15	15	60	N	3.09	--	6.96	3.09	6.96
0296	70	--	N	10	15	65	N	2.28	--	6.20	2.28	6.20
0898	70	N	N	30	15	80	<2	--	--	--	--	--
0902	200	N	N	5	10	30	<2	--	200	6.70	4.23	--
0904	200	N	N	10	15	60	<2	--	300	6.11	2.50	--
0905	200	N	N	10	20	90	<2	--	--	<6.90	14.00	--
0906	500	N	N	<5	10	45	3	--	--	--	--	--
0907	200	N	N	15	10	65	N	--	--	8.50	5.03	--
0908	100	N	N	20	15	75	N	--	--	--	--	--
0910	100	N	N	15	15	85	2	--	--	--	--	--
0911	100	N	N	20	15	75	<2	--	--	--	--	--
0912	70	N	N	20	20	100	3	--	--	--	--	--
0913	70	N	N	20	25	90	2	--	--	--	--	--

Petersburg B3--continued

0003A	100	--	N	10	25	150	1	29.30	400	--	--	2.10
0003B	100	--	N	10	25	150	N	9.00	400	--	--	2.40
0004A	100	--	N	10	20	65	<1	7.26	300	7.70	7.26	7.70
0004B	70	--	N	15	25	80	1	--	500	--	--	--
0005A	70	--	N	20	25	140	<1	37.50	--	<15.00	37.50	<15.00
0005B	70	--	N	25	30	150	1	--	400	--	--	--
0006A	70	--	N	20	20	160	N	3.75	400	7.40	3.75	7.40
0006B	70	--	N	20	25	140	<1	--	500	--	--	--
0007A	100	--	--	100	55	350	N	--	--	--	--	--
0007B	70	--	N	45	60	350	<1	--	500	--	--	--
0008A	70	--	N	15	40	150	15	15.60	--	<7.00	15.60	<7.00
0008B	70	--	N	10	25	100	7	--	300	--	--	--
0010A	70	--	N	10	20	80	<1	9.24	400	16.20	9.24	16.20
0010B	100	--	N	10	20	85	<1	--	400	--	--	--
0011A	70	--	N	15	15	85	<1	4.53	--	7.20	4.53	7.20
0011B	70	--	N	15	10	75	<1	--	400	--	--	--
0012A	100	--	N	15	10	65	<1	2.76	300	6.48	2.76	6.48
0012B	100	--	N	10	15	70	<1	--	300	--	--	--
0016A	70	--	N	10	5	45	N	1.78	200	4.30	1.78	4.30
0016B	70	--	.30	10	10	50	N	--	200	--	--	--
0019A	70	--	.10	10	10	70	N	2.98	200	6.96	2.98	6.96
0019B	100	--	N	10	10	75	N	--	200	--	--	--
0020A	100	--	N	10	15	80	<1	3.07	200	5.40	3.07	5.40
0020B	100	--	N	15	10	80	<1	--	400	--	--	--
0021A	100	--	N	20	10	80	<1	2.56	300	5.80	2.56	5.80

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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
CC21B	56 26 28	132 48 22	3.0	1.0	1.50	.50	1,500	N	N	N	20	700	<1.0	N
CC22A	56 27 9	132 52 55	3.0	1.0	2.00	.50	1,500	N	N	N	20	1,000	<1.0	N
CC22B	56 27 9	132 52 55	3.0	1.0	2.00	.50	1,500	N	N	N	20	700	<1.0	N
CC23A	56 27 21	132 54 32	3.0	1.0	2.00	.50	1,500	N	N	N	20	700	<1.0	N
CC23B	56 27 21	132 54 32	3.0	.7	1.00	.50	1,000	N	N	N	20	700	<1.0	N
CC24A	56 25 26	132 57 59	3.0	1.0	1.50	.50	1,000	N	N	N	20	1,000	<1.0	N
CC24B	56 25 26	132 57 59	5.0	1.5	3.00	.50	2,000	N	N	N	15	1,000	<1.0	N
CC28A	56 25 7	132 55 22	5.0	1.5	1.50	.50	2,000	N	N	N	30	500	<1.0	N
CC28B	56 25 7	132 55 22	5.0	1.5	1.00	.50	3,000	N	N	N	20	700	<1.0	N
CC29A	56 24 38	132 54 25	5.0	1.5	1.50	.50	5,000	N	N	N	20	700	<1.0	N
CC29B	56 24 38	132 54 25	5.0	1.5	1.50	.70	5,000	N	N	N	30	700	<1.0	N
CC34A	56 17 58	132 57 51	3.0	1.0	1.50	.70	1,500	N	N	N	20	700	<1.0	N
CC34B	56 17 58	132 57 51	3.0	1.0	1.50	.70	1,500	N	N	N	15	700	<1.0	N
CC35A	56 16 4	132 55 35	3.0	1.0	.70	.70	2,000	N	N	N	15	300	1.0	N
CC35B	56 16 4	132 55 35	5.0	1.0	.70	1.00	>5,000	N	N	N	15	300	1.0	N
CC36A	56 15 37	132 54 9	5.0	1.0	1.00	1.00	2,000	<.5	N	N	15	300	1.0	N
CC36B	56 15 37	132 54 9	5.0	1.0	1.00	1.00	2,000	.5	N	N	20	300	1.0	N
CC38A	56 16 3	132 58 54	2.0	1.0	1.50	.30	700	N	N	N	70	700	<1.0	N
CC38B	56 16 3	132 58 54	2.0	.7	1.50	.30	700	N	N	N	70	500	<1.0	N
C148	56 16 38	132 53 53	7.0	2.0	2.00	1.00	>5,000	N	N	N	30	500	<1.0	N
C149	56 16 30	132 53 22	7.0	2.0	3.00	>1.00	5,000	N	N	N	20	300	N	N
C150	56 17 32	132 51 30	5.0	1.5	1.50	.70	5,000	N	N	N	20	700	<1.0	N
C151	56 18 57	132 50 23	5.0	1.5	1.50	1.00	5,000	N	N	N	20	700	<1.0	N
C151A	56 18 57	132 50 23	5.0	1.5	1.50	1.00	5,000	N	N	N	50	500	<1.0	N
C152	56 19 7	132 50 38	5.0	1.5	3.00	>1.00	2,000	N	N	N	15	300	<1.0	N
C153	56 20 28	132 47 56	5.0	1.5	2.00	.70	3,000	N	N	N	30	700	N	N
C154	56 21 53	132 46 40	5.0	2.0	3.00	.70	5,000	N	N	N	30	700	<1.0	N
C155	56 21 35	132 47 5	5.0	1.5	3.00	.70	3,000	N	N	N	20	700	N	N
C156	56 20 41	132 43 10	5.0	1.5	1.50	.70	5,000	N	N	N	30	700	<1.0	N
C157	56 20 37	132 43 5	5.0	1.5	2.00	.70	1,500	N	N	N	70	700	N	N
C158	56 23 57	132 46 48	7.0	1.5	2.00	.70	5,000	N	N	N	50	700	<1.0	N
C159	56 24 26	132 48 35	5.0	1.5	2.00	1.00	5,000	N	N	N	50	700	N	N
C160	56 22 30	132 50 10	7.0	1.5	2.00	1.00	5,000	N	N	N	50	700	<1.0	N
C161	56 22 16	132 50 20	5.0	1.5	3.00	1.00	2,000	N	N	N	50	1,000	N	N
C162	56 21 57	132 51 15	5.0	1.5	3.00	1.00	1,500	N	N	N	50	700	<1.0	N
C163	56 23 22	132 54 20	5.0	1.5	3.00	.70	1,500	N	N	N	50	1,000	<1.0	N
C164	56 23 32	132 54 1	5.0	1.5	3.00	.70	1,500	N	N	N	50	700	<1.0	N
C164A	56 23 32	132 54 1	3.0	1.0	2.00	.70	1,500	N	N	N	50	700	<1.0	N
C165	56 24 47	132 57 32	3.0	1.5	2.00	.70	1,500	N	N	N	50	700	<1.0	N
C166	56 22 33	132 59 38	5.0	1.0	.70	.50	3,000	N	N	N	20	500	2.0	N
C167	56 20 54	132 57 35	5.0	1.5	2.00	.70	1,500	N	N	N	50	700	<1.0	N
C168	56 19 50	132 55 5	5.0	1.5	2.00	1.00	2,000	N	N	N	50	700	<1.0	N
C9[illegible]	56 15 22	132 46 19	7.0	2.0	1.00	.50	2,000	N	N	N	30	300	5.0	N
C9[illegible]	56 15 13	132 45 58	10.0	3.0	2.00	.50	1,500	N	N	N	30	500	3.0	N
C[illegible]1	56 25 12	132 57 52	7.0	3.0	2.00	.50	1,500	N	N	N	20	3,000	2.0	N

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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	S-ZN
GC21B	N	15	7C	5C	3C	N	N	30	2C	N	15	N	300	200	N	2C	N
GC22A	N	15	7C	5C	2C	N	N	30	2C	N	15	N	300	150	N	2C	N
GC22B	N	15	7C	3C	20	N	N	2C	20	N	10	N	300	150	N	15	N
GC23A	N	2C	1CC	5C	20	N	N	3C	30	N	15	N	300	150	N	20	N
GC23B	N	15	1CC	2C	20	N	N	20	30	N	10	N	300	150	N	20	N
GC24A	N	15	15C	2C	20	N	N	20	2C	N	15	N	300	150	N	2C	N
GC24B	N	3C	2CC	5C	2C	N	N	30	20	N	15	N	300	200	N	20	N
GC28A	N	2C	1CC	1CC	3C	N	N	30	30	N	15	N	200	150	N	20	<200
GC28B	N	2C	1CC	1CC	20	N	N	30	30	N	15	N	200	150	N	20	200
GC29A	N	2C	1CC	7C	20	N	N	3C	20	N	15	N	200	150	N	20	<200
GC29B	N	3C	1CC	7C	2C	N	N	30	2C	N	15	N	200	150	N	30	<200
GC34A	N	15	1CC	2C	2C	N	N	30	2C	N	15	N	200	100	N	30	N
GC34B	N	15	1CC	2C	2C	N	N	2C	2C	N	15	N	200	100	N	2C	N
GC35A	N	2C	7C	2C	2C	10	<20	30	2C	N	15	N	150	100	N	30	N
GC35B	N	3C	1CC	3C	20	15	<20	3C	30	N	15	N	150	100	N	30	<200
GC36A	N	2C	7C	3C	20	5	<20	20	30	N	15	N	200	100	N	30	<200
GC36B	N	2C	1CC	3C	20	1C	<20	3C	30	N	15	N	200	100	N	30	<200
GC38A	N	1C	7C	15	<20	N	N	2C	15	N	10	N	300	100	N	15	N
GC38B	N	1C	5C	2C	<20	N	N	15	15	N	7	N	300	100	N	2C	N
G143	N	3C	15C	7C	N	5	<20	5C	50	N	2C	N	300	300	N	30	N
G149	N	3C	1CC	7C	N	5	<20	30	50	N	3C	N	300	300	N	30	<200
G150	N	3C	7C	5C	2C	1C	<20	3C	7C	N	15	N	200	200	N	30	<200
G151	N	3C	7C	5C	2C	5	<20	30	7C	N	2C	N	300	200	N	2C	<200
G151A	N	2C	7C	3C	2C	15	<20	7C	50	N	15	N	200	200	<50	20	<200
G152	N	2C	7C	5C	<20	N	<20	3C	50	N	20	N	300	300	N	20	<200
G153	N	3C	1CC	3C	2C	N	N	50	30	N	2C	N	500	200	N	20	N
G154	N	3C	1CC	3C	<20	1C	N	50	50	N	2C	N	500	300	<50	30	N
G155	N	2C	1CC	3C	<20	15	N	30	30	N	2C	N	500	300	N	20	N
G156	N	2C	7C	5C	<20	15	N	3C	3C	N	2C	N	500	200	N	20	N
G157	N	2C	1CC	7C	<20	N	N	3C	3C	N	15	N	500	200	N	20	<200
G158	N	3C	7C	5C	<20	N	N	3C	15	N	2C	N	500	200	N	30	<200
G159	N	3C	1CC	7C	<20	7	N	5C	2C	N	2C	N	300	200	N	20	<200
G160	N	5C	1CC	7C	<20	5	N	7C	2C	N	2C	N	300	200	N	20	<200
G161	N	2C	15C	3C	2C	N	N	3C	2C	N	2C	N	500	200	N	30	N
G162	N	2C	1CC	5C	2C	5	N	30	2C	N	2C	N	500	200	N	30	N
G163	N	2C	1CC	3C	2C	3C	N	30	30	N	20	N	500	200	50	30	N
G164	N	2C	1CC	3C	2C	N	N	3C	2C	N	2C	N	500	200	N	2C	N
G164A	N	15	7C	3C	2C	15	N	30	30	N	15	N	500	200	N	20	N
G165	N	15	7C	5C	2C	15	N	30	30	N	15	N	500	200	N	2C	N
G166	N	2C	7C	7	<20	7	N	2C	2C	N	15	N	300	150	N	30	<200
G167	N	2C	1CC	5C	2C	15	N	3C	5C	N	15	N	500	200	N	20	N
G168	N	2C	1CC	5C	2C	1C	N	3C	5C	N	15	N	300	200	N	20	N
G9[illegible]	N	3C	7C	2C	5C	N	N	3C	7C	N	10	N	300	200	N	50	N
G9[illegible]3	N	3C	15C	2C	2C	5	N	3C	7C	N	15	N	300	200	N	50	N
10[illegible]1	N	2C	1CC	7C	N	N	N	3C	7C	N	15	N	700	150	N	30	<200

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--continued

Sample	S-ZR	S-TH	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P	CM-W-P	CM-TH-T	SI-F	AC-TH	AC-U	U-INST
0021B	70	--	N	20	10	85	N	--	300	--	--	--
0022A	100	--	N	15	10	55	N	2.57	300	4.70	2.57	4.70
0022B	70	--	N	15	10	60	N	--	200	--	--	--
0023A	70	--	N	30	15	85	<1	2.18	300	5.98	2.18	5.98
0023B	70	--	N	10	15	45	<1	--	300	--	--	--
0024A	70	--	N	5	10	40	N	3.35	200	4.40	3.35	4.40
0024B	100	--	N	25	15	100	<1	--	400	--	--	--
0028A	70	--	N	60	25	120	<1	--	--	--	--	--
0028B	70	--	N	50	20	120	1	--	400	--	--	--
0029A	70	--	N	40	20	120	1	--	--	--	--	--
0029B	100	--	N	40	20	130	--	--	400	--	--	--
0034A	70	--	N	15	15	70	1	3.39	300	6.90	3.39	6.90
0034B	70	--	N	15	15	65	<1	--	300	--	--	--
0035A	100	--	N	10	20	85	<1	4.27	--	11.30	4.27	11.30
0035B	100	--	N	10	25	100	1	--	500	--	--	--
0036A	100	--	N	15	20	110	1	--	--	--	--	--
0036B	100	--	N	15	25	120	2	--	500	--	--	--
0038A	70	--	N	5	10	50	<1	2.29	--	6.07	2.29	6.07
0038B	50	--	N	5	5	50	<1	--	--	--	--	--
0148	100	--	--	--	--	--	2	--	--	--	--	--
0149	100	--	--	15	25	120	--	--	--	--	--	--
0150	100	--	N	15	30	140	<1	--	--	--	--	--
0151	100	--	N	15	25	95	2	5.75	--	9.50	5.75	9.50
0151A	100	--	N	15	30	100	1	6.27	--	14.00	6.27	14.00
0152	70	--	N	10	20	100	<1	3.26	200	6.30	3.26	6.30
0153	70	--	N	10	15	60	N	4.63	200	8.30	4.63	8.30
0154	100	--	N	10	15	80	<1	2.39	--	9.40	2.39	9.40
0155	70	--	N	5	15	60	5	2.90	300	<4.50	2.90	<4.50
0156	70	--	--	20	20	75	<1	--	--	--	--	--
0157	70	--	N	15	15	55	<1	3.87	--	8.90	3.87	8.90
0158	70	--	N	15	15	95	N	2.39	400	4.30	2.39	4.30
0159	70	--	N	25	20	150	N	1.82	--	8.40	1.82	8.40
0160	70	--	N	20	25	150	1	1.77	300	5.35	1.77	5.35
0161	70	--	N	10	20	60	1	2.08	300	5.10	2.08	5.10
0162	70	--	N	15	15	55	<1	2.67	200	6.31	2.67	6.31
0163	70	--	N	10	15	60	N	2.19	200	8.56	2.19	8.56
0164	70	--	N	10	15	60	<1	2.20	200	7.03	2.20	7.03
0164A	70	--	N	10	15	60	N	--	200	--	--	--
0165	70	--	N	20	15	55	N	2.08	200	6.12	2.08	6.12
0166	150	N	N	15	20	95	2	--	--	--	--	--
0167	70	--	N	15	15	80	N	--	--	--	--	--
0168	70	--	N	15	20	75	<1	--	--	--	--	--
0900	200	N	N	15	40	95	<2	--	300	17.00	10.70	--
0903	200	N	N	15	25	75	<2	--	400	10.30	6.48	--
1001	70	N	N	50	20	130	<2	--	--	--	--	--

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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
1001A	56 25 12	132 57 52	7.0	3.0	2.00	.50	2,000	N	N	N	20	3,000	2.0	N
1002	56 25 12	132 58 3	7.0	3.0	2.00	.50	1,500	N	N	N	20	700	3.0	N
1003	56 25 30	132 57 18	7.0	3.0	2.00	.50	2,000	N	N	N	20	700	1.0	N
1004	56 25 41	132 57 40	10.0	1.0	5.00	.20	1,000	N	N	N	30	1,000	7.0	N
1375	56 20 47	132 40 30	3.0	1.0	1.00	.50	2,000	N	N	N	50	500	1.5	N
1376	56 20 15	132 41 38	2.0	.7	.70	.30	1,000	N	N	N	30	500	1.5	N
1377	56 20 38	132 40 39	3.0	1.0	.70	.50	3,000	N	N	N	20	300	1.0	N
1378	56 20 55	132 40 58	3.0	1.0	1.00	.50	1,500	<.5	N	N	30	500	1.0	N
1379	56 20 57	132 40 31	3.0	1.0	1.00	.50	1,000	N	N	N	30	500	1.0	N
					Petersburg B4--continued									
0025A	56 23 54	133 1 6	3.0	1.0	2.00	.50	1,500	N	N	N	20	700	<1.0	N
0025B	56 23 54	133 1 6	5.0	1.5	3.00	.50	1,500	N	N	N	20	1,000	<1.0	N
0026A	56 23 40	133 1 4	3.0	.7	.70	.30	1,500	N	N	N	15	700	<1.0	N
0026B	56 23 40	133 1 4	5.0	1.0	1.00	1.00	2,000	N	N	N	30	700	<1.0	N
0027A	56 22 8	133 2 31	5.0	1.0	1.50	1.00	2,000	N	N	N	20	500	<1.0	N
0027B	56 22 8	133 2 31	5.0	1.0	1.00	1.00	2,000	N	N	N	20	500	<1.0	N
0030A	56 20 41	133 3 49	7.0	.7	1.00	.50	3,000	N	N	N	10	500	<1.0	N
0030B	56 20 41	133 3 49	7.0	.5	.70	.50	2,000	N	N	N	10	300	<1.0	N
0031A	56 19 35	133 2 50	3.0	1.0	2.00	1.00	1,500	N	N	N	20	700	<1.0	N
0031B	56 19 35	133 2 50	3.0	1.0	2.00	.70	1,500	N	N	N	15	700	<1.0	N
0032A	56 18 54	133 0 58	2.0	.7	2.00	.70	1,500	N	N	N	15	700	<1.0	N
0032B	56 18 54	133 0 58	5.0	1.0	1.50	1.00	3,000	N	N	N	15	500	<1.0	N
0033A	56 18 46	133 0 50	3.0	1.0	2.00	.70	1,500	N	N	N	15	700	<1.0	N
0033B	56 18 46	133 0 50	5.0	1.0	1.50	.70	3,000	N	N	N	20	500	<1.0	N
0136	56 15 26	133 8 54	3.0	1.5	2.00	.70	1,000	N	N	N	30	700	<1.0	N
0418	56 23 41	133 8 37	7.0	2.0	3.00	.50	1,000	N	N	N	<10	300	N	N
0419	56 26 39	133 8 48	7.0	2.0	5.00	.70	1,000	N	N	N	30	500	1.0	N
0420	56 27 9	133 12 43	5.0	1.0	3.00	.70	700	N	N	N	10	700	1.0	N
0421	56 25 21	133 14 10	10.0	2.0	3.00	.50	5,000	N	N	N	20	700	2.0	N
0422	56 26 45	133 15 45	10.0	2.0	5.00	.70	1,000	N	N	N	10	500	2.0	N
0423	56 23 55	133 13 29	15.0	2.0	5.00	.70	5,000	N	N	N	30	500	3.0	N
0740	56 19 27	133 19 36	7.0	2.0	7.00	.50	1,000	N	N	N	10	500	1.0	N
0752	56 16 47	133 11 39	7.0	3.0	2.00	.50	700	N	N	N	10	300	1.0	N
0753	56 17 26	133 12 8	7.0	5.0	5.00	.50	1,500	N	N	N	10	300	1.0	N
0754	56 16 35	133 11 55	10.0	3.0	5.00	.50	1,500	N	N	N	20	300	1.0	N
0755	56 17 20	133 14 53	10.0	3.0	7.00	.50	1,500	N	N	N	15	300	1.0	N
0756	56 15 52	133 14 57	10.0	5.0	5.00	.50	1,500	N	N	N	30	300	1.0	N
0757	56 15 51	133 10 32	5.0	.7	2.00	.30	700	N	N	N	<10	200	1.0	N
0758	56 16 46	133 9 58	7.0	5.0	2.00	.70	1,500	N	N	N	15	500	1.0	N
0759	56 19 7	133 10 10	10.0	5.0	1.00	.70	3,000	N	N	N	20	500	2.0	N

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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	S-ZN
1001A	N	2L	70	100	N	N	N	30	70	N	15	N	700	200	N	30	<200
1002	N	2C	70	50	2C	N	N	30	70	N	15	N	700	200	N	30	N
1003	N	3L	100	20	20	N	N	30	30	N	15	N	700	200	N	30	N
1004	N	5	50	15	N	N	N	15	30	N	10	N	700	150	N	50	N
1375	N	2C	70	15	<2C	<5	N	30	20	N	20	N	500	150	N	30	N
1376	N	15	50	15	N	<5	N	20	20	N	15	N	300	100	N	20	<200
1377	N	15	70	7	50	N	N	20	15	N	2C	N	300	150	N	50	N
1378	N	15	50	5	<2C	N	N	20	10	N	2C	N	500	150	N	30	N
1379	N	1C	70	10	<20	<5	N	20	10	N	15	N	500	150	N	20	N
							Petersburg B4--continued										
0025A	N	2C	200	50	20	N	N	30	2C	N	15	N	300	150	N	20	N
0025B	N	2C	150	5C	2C	N	N	30	3C	N	15	N	300	200	N	20	N
0026A	N	2L	7C	2C	20	10	N	20	20	N	10	N	300	100	N	20	N
0026B	N	2L	100	2C	70	10	N	20	50	N	10	N	200	100	N	30	N
0027A	N	15	70	2L	50	N	N	15	30	N	15	N	200	100	N	20	N
0027B	N	2L	70	20	30	N	N	20	30	N	15	N	200	150	N	30	N
0030A	N	15	70	15	20	N	N	10	2C	N	10	N	200	150	N	20	N
0030B	N	15	70	15	20	N	N	10	15	N	10	N	100	150	N	20	N
0031A	N	15	150	20	30	N	N	20	2C	N	15	N	300	100	N	30	N
0031B	N	15	100	2C	30	N	N	20	20	N	15	N	300	100	N	20	N
0032A	N	15	70	15	3C	N	N	10	15	N	15	N	300	100	N	20	N
0032B	N	3L	10C	5C	3C	N	N	3C	20	N	15	N	200	150	N	30	N
0033A	N	15	70	2C	3C	N	N	2C	20	N	15	N	300	150	N	30	N
0033B	N	3C	10C	2C	20	N	N	30	2C	N	15	N	200	100	N	20	N
0136	N	15	100	30	20	N	N	3C	2C	N	15	N	500	200	N	20	N
0418	N	15	200	15	N	N	N	3C	1C	N	15	N	500	150	N	20	N
0419	N	2C	200	2C	2C	N	N	70	10	N	20	N	700	300	N	30	N
0420	N	15	150	1C	150	N	<2C	15	2C	N	20	N	700	300	N	50	N
0421	N	3C	70	2C	3C	N	N	3C	2C	N	2C	N	500	300	N	30	N
0422	N	2C	200	2C	30	N	N	3C	2C	N	2C	N	500	300	N	150	N
0423	N	5C	150	3C	30	N	N	3C	15	N	30	N	500	300	N	70	200
0740	N	15	150	15	2C	N	N	2C	10	N	15	N	500	200	N	20	N
0752	N	2C	15C	7	N	N	N	3C	15	N	15	N	300	200	N	20	N
0753	N	3C	200	1C	N	N	N	5C	15	N	15	N	300	200	N	20	N
0754	N	3C	15C	30	20	N	N	3C	20	N	15	N	300	200	N	20	N
0755	N	3C	150	3C	20	N	N	3C	20	N	15	N	300	200	N	30	N
0756	N	3C	200	70	20	N	N	3C	20	N	20	N	500	300	N	30	N
0757	N	15	50	15	N	N	N	15	1C	N	1C	N	200	100	N	15	N
0758	N	3L	200	7C	N	N	N	3C	2C	N	20	N	500	200	N	30	N
0759	N	5L	150	15	200	15	5C	3C	70	N	15	N	300	200	N	30	N

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--continued

Sample	S-ZR	S-TH	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P	CM-W-P	CM-TH-T	SI-F	AC-TH	AC-U	U-INST
1001A	70	N	N	40	20	120	N	--	--	--	--	--
1002	100	N	N	25	15	100	<2	--	--	<8.40	1.90	--
1003	70	N	N	20	10	85	<2	--	--	5.90	2.45	--
1004	70	N	N	15	20	30	N	--	--	5.73	1.84	--
1375	100	N	N	20	15	65	N	--	--	--	--	--
1376	100	N	N	15	20	80	<1	--	--	--	--	--
1377	70	N	N	15	15	45	<1	--	--	--	--	--
1378	200	N	N	10	10	45	N	--	--	--	--	--
1379	70	N	N	10	5	45	N	--	--	--	--	--
						Petersburg B4--continued						
0025A	70	--	N	25	15	90	<1	2.91	300	5.70	2.91	5.70
0025B	100	--	N	20	20	100	<1	--	300	--	--	--
0026A	100	--	N	5	20	65	N	6.53	300	8.50	6.53	8.50
0026B	70	--	N	5	25	65	1	--	400	--	--	--
0027A	70	--	N	5	15	75	1	2.80	--	8.96	2.80	8.96
0027B	70	--	N	10	20	85	2	--	300	--	--	--
0030A	70	--	N	10	25	55	2	2.58	--	5.20	2.58	5.20
0030B	70	--	N	10	25	45	2	--	300	--	--	--
0031A	70	--	N	10	10	65	<1	2.56	300	7.73	2.56	7.73
0031B	70	--	N	10	10	70	1	--	200	--	--	--
0032A	70	--	N	10	10	45	<1	2.50	200	7.81	2.50	7.81
0032B	70	--	N	10	15	75	1	--	300	--	--	--
0033A	70	--	N	10	10	50	<1	2.75	200	8.02	2.75	8.02
0033B	70	--	N	10	15	80	1	--	300	--	--	--
0136	100	--	N	10	5	25	1	--	--	7.73	3.08	--
0418	150	N	N	10	10	100	N	2.43	--	5.54	2.43	5.54
0419	100	N	N	15	15	130	N	19.80	--	--	--	2.40
0420	150	N	N	5	10	40	N	20.80	--	--	--	1.50
0421	150	N	N	10	20	25	N	--	--	--	--	--
0422	200	N	<.05	10	20	40	N	3.31	--	7.98	3.31	7.98
0423	200	N	N	20	20	60	--	--	--	--	--	--
0740	300	N	N	10	5	35	<2	--	--	6.17	2.18	--
0752	100	N	N	5	10	55	N	--	--	8.33	2.17	--
0753	100	N	N	5	10	50	7	--	--	5.38	1.77	--
0754	70	N	N	20	10	65	<2	--	--	6.40	2.15	--
0755	200	N	.40	15	1	65	<2	--	--	8.47	2.28	--
0756	100	N	N	35	15	75	<2	--	--	7.50	2.07	--
0757	70	N	N	10	1	70	<2	--	--	5.20	3.01	--
0758	70	N	N	30	1	70	2	--	--	8.70	2.34	--
0759	100	N	N	10	25	75	<2	--	--	--	--	--

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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
0760	56 17 47	133 10 10	7.0	3.0	1.00	.50	1,500	N	N	N	20	500	1.0	N
0761	56 19 30	133 16 46	10.0	5.0	2.00	.70	3,000	N	N	N	20	500	1.0	N
0762	56 19 27	133 13 43	7.0	3.0	2.00	.70	1,500	N	N	N	10	500	1.0	N
0763	56 16 34	133 16 0	10.0	5.0	5.00	.50	1,500	N	N	N	10	500	1.0	N
0764	56 16 55	133 18 7	7.0	3.0	2.00	.50	1,500	N	N	N	10	500	1.0	N
0771	56 16 10	133 19 37	7.0	3.0	5.00	.50	1,500	N	N	N	20	500	N	N
0920	56 29 40	133 14 40	10.0	5.0	7.00	1.00	5,000	N	N	N	20	300	3.0	N
0921	56 29 11	133 18 1	10.0	3.0	5.00	1.00	5,000	N	N	N	10	200	10.0	N
1381	56 16 0	133 18 20	5.0	1.0	1.00	.50	2,000	N	N	N	50	500	1.5	N
1382	56 18 21	133 13 56	5.0	1.0	1.00	.50	2,000	N	N	N	30	500	2.0	N
					Petersburg B5--continued									
0692	56 26 46	133 39 8	5.0	.5	.70	.70	1,500	N	N	N	10	500	2.0	N
0693	56 27 42	133 39 23	5.0	1.0	1.00	1.00	2,000	N	N	N	10	500	1.0	N
0694	56 23 20	133 39 50	5.0	.3	.50	.50	1,500	N	N	N	10	300	3.0	N
0695	56 29 38	133 39 45	3.0	.3	.50	.50	1,500	N	N	N	<10	300	1.0	N
0703	56 29 51	133 22 18	7.0	.7	1.00	.50	3,000	N	N	N	10	700	3.0	N
0706	56 29 8	133 26 13	7.0	1.0	1.00	1.00	3,000	N	N	N	<10	700	1.0	N
0707	56 28 20	133 26 41	5.0	1.0	1.00	.70	1,500	N	N	N	15	700	1.0	N
0708	56 26 17	133 31 45	7.0	.7	.70	.50	5,000	N	N	N	15	700	3.0	N
0720	56 17 57	133 34 40	7.0	.7	1.00	1.00	1,500	N	N	N	30	700	1.0	N
0721	56 17 3	133 35 40	5.0	2.0	2.00	.50	1,000	N	N	N	30	700	2.0	N
0722	56 20 51	133 35 6	7.0	2.0	1.00	.30	1,500	N	N	N	20	700	1.0	N
0723	56 20 50	133 33 7	7.0	2.0	2.00	.30	1,500	N	N	N	15	500	N	N
0724	56 20 2	133 32 3	7.0	2.0	2.00	.30	1,500	N	N	N	15	500	1.0	N
0725	56 20 11	133 31 54	7.0	2.0	2.00	.30	1,000	N	N	N	15	500	1.0	N
0726	56 20 18	133 32 9	7.0	2.0	2.00	.30	1,000	N	N	N	15	700	1.0	N
0727	56 16 4	133 36 36	7.0	2.0	2.00	.30	1,500	N	N	N	20	700	1.0	N
0728	56 15 57	133 36 49	7.0	2.0	1.00	.30	1,500	N	N	N	30	700	1.0	N
0729	56 18 4	133 31 55	7.0	3.0	5.00	.30	1,500	N	N	N	10	700	2.0	N
0730	56 17 31	133 28 14	7.0	3.0	2.00	.50	1,500	N	N	N	20	500	1.0	N
0731	56 17 24	133 25 40	10.0	3.0	5.00	.50	1,500	N	N	N	15	700	1.0	N
0732	56 19 30	133 26 50	3.0	2.0	2.00	.30	700	N	N	N	10	500	1.0	N
0733	56 19 50	133 24 10	7.0	2.0	2.00	.30	1,500	N	N	N	15	500	1.0	N
0734	56 19 38	133 24 49	7.0	2.0	2.00	.30	1,500	N	N	N	10	700	1.0	N
0735	56 19 28	133 26 20	7.0	5.0	5.00	.50	1,500	N	N	N	10	500	1.0	N
0736	56 19 0	133 20 39	7.0	2.0	5.00	.50	1,500	N	N	N	10	300	1.0	N
0737	56 18 27	133 20 45	7.0	2.0	5.00	.50	1,500	N	N	N	10	500	2.0	N
0738	56 20 4	133 21 21	7.0	2.0	7.00	.30	700	N	N	N	<10	500	1.0	N
0739	56 19 57	133 20 10	7.0	2.0	7.00	.50	2,000	N	N	N	20	200	3.0	N
0741	56 18 0	133 20 53	7.0	2.0	7.00	.30	1,000	N	N	N	10	500	1.0	N
0742	56 16 25	133 20 38	5.0	2.0	7.00	.30	1,500	N	N	N	10	500	1.0	N

55-43

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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	S-ZN
0760	N	30	150	10	50	N	N	30	20	N	15	N	300	200	N	20	N
0761	N	50	150	50	N	N	N	50	20	N	20	N	300	300	N	20	N
0762	N	30	150	50	20	N	N	30	20	N	20	N	500	300	N	30	N
0763	N	50	200	70	N	N	N	50	20	N	20	N	500	300	N	20	N
0764	N	30	150	10	N	N	N	30	20	N	20	N	500	200	N	20	N
0771	N	20	100	5	N	N	N	20	20	N	15	N	500	200	N	20	N
0920	N	30	150	20	N	N	N	50	30	N	15	N	300	300	N	50	N
0921	N	20	70	7	20	N	20	20	30	N	15	N	300	300	N	70	N
1381	N	30	70	20	<20	N	N	20	20	N	20	N	500	150	N	20	N
1382	N	20	70	10	50	<5	N	20	15	N	15	N	500	150	N	20	N
Petersburg BS--continued																	
0692	N	15	70	10	50	10	20	15	20	N	10	N	300	150	N	30	N
0693	N	30	150	30	50	5	N	20	30	N	15	N	300	200	N	30	N
0694	N	10	50	7	70	N	30	15	30	N	7	N	100	100	N	70	200
0695	N	10	70	7	20	N	20	5	20	N	7	N	100	100	N	30	N
0703	N	20	70	10	70	N	30	10	30	N	10	N	200	150	N	70	<200
0706	N	30	100	20	20	N	N	30	20	N	20	N	200	200	N	30	<200
0707	N	20	100	10	N	N	N	15	20	N	10	N	200	150	N	30	<200
0708	N	30	50	15	100	15	30	10	70	N	7	N	200	100	N	70	<200
0720	N	30	100	50	N	N	N	20	10	N	10	N	300	200	N	20	<200
0721	N	10	100	5	30	N	N	10	15	N	15	N	500	100	N	20	N
0722	N	20	100	20	N	N	N	20	20	N	10	N	300	100	N	15	N
0723	N	10	70	10	N	N	N	15	15	N	10	N	300	100	N	15	N
0724	N	15	70	15	N	N	N	20	20	N	10	N	500	100	N	15	N
0725	N	15	150	10	N	N	N	20	10	N	10	N	500	100	N	15	N
0726	N	15	100	15	N	N	N	20	15	N	10	N	500	100	N	15	N
0727	N	10	70	10	N	N	N	20	15	N	10	N	500	70	N	15	N
0728	N	15	50	20	30	N	N	20	15	N	10	N	300	100	N	15	N
0729	N	15	70	15	N	N	N	20	15	N	10	N	500	100	N	20	N
0730	N	20	70	50	N	N	N	20	20	N	10	N	500	150	N	20	N
0731	N	20	100	20	N	N	N	20	15	N	20	N	500	200	N	30	N
0732	N	10	50	7	N	N	N	15	15	N	5	N	300	70	N	15	N
0733	N	15	100	10	N	N	N	20	15	N	10	N	300	100	N	15	N
0734	N	15	70	15	20	N	N	20	20	N	10	N	500	100	N	20	N
0735	N	20	100	20	N	N	N	30	15	N	15	N	500	200	N	30	N
0736	N	20	100	15	20	N	N	30	15	N	15	N	300	200	N	30	N
0737	N	20	150	15	30	N	20	20	15	N	15	N	300	150	N	30	N
0738	N	20	70	15	20	N	N	20	20	N	10	N	700	150	N	20	N
0739	N	15	150	15	70	N	N	15	15	N	15	N	300	200	N	30	N
0741	N	20	100	15	20	N	N	20	15	N	15	N	500	150	N	20	N
0742	N	15	70	5	20	N	N	20	20	N	15	N	500	150	N	30	N

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--continued

Sample	S-ZR	S-TH	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P	CM-W-P	CM-TH-T	SI-F	AC-TH	AC-U	U-INST
0760	70	N	.25	5	10	55	N	--	--	6.30	2.17	--
0761	200	N	N	25	15	95	N	--	--	--	--	--
0762	200	N	N	20	10	60	N	--	--	7.17	1.88	--
0763	70	N	N	45	15	75	N	--	--	4.30	2.34	--
0764	200	N	N	5	10	50	<2	--	--	8.50	3.08	--
0771	70	N	N	<5	5	25	2	--	--	5.40	2.40	--
0920	200	N	N	10	15	85	<2	--	--	4.80	2.50	--
0921	300	N	N	5	20	120	<2	--	--	9.73	5.03	--
1381	150	N	N	30	15	75	N	--	--	--	--	--
1382	150	N	N	10	10	60	N	--	--	--	--	--
						Petersburg B5--continued						
0692	200	N	N	10	15	90	3	--	--	10.80	4.99	--
0693	300	N	N	20	20	90	2	--	--	11.00	4.88	--
0694	700	N	N	10	15	170	<2	--	--	13.60	6.18	--
0695	300	N	N	10	15	85	<2	--	--	8.67	4.25	--
0703	700	N	N	10	20	170	2	--	--	12.50	5.16	--
0706	300	N	N	10	15	160	<2	--	--	8.02	4.22	--
0707	300	N	N	5	10	95	<2	--	--	8.90	6.35	--
0708	700	N	N	10	25	170	3	--	--	14.00	7.45	--
0720	100	N	N	15	20	170	N	--	--	--	--	--
0721	100	N	N	N	15	60	<2	--	--	--	--	--
0722	70	N	N	15	15	80	<2	--	--	--	--	--
0723	70	N	N	5	15	70	<2	--	--	--	--	--
0724	70	N	N	10	10	65	N	--	--	--	--	--
0725	200	N	N	5	10	60	N	--	--	--	--	--
0726	200	N	N	10	10	60	N	--	--	--	--	--
0727	70	N	N	15	10	95	<2	--	--	--	--	--
0728	70	N	N	20	10	100	<2	--	--	--	--	--
0729	100	N	N	10	15	50	<2	--	--	--	--	--
0730	100	N	N	20	15	75	<2	--	--	--	--	--
0731	300	N	N	15	10	50	N	--	--	--	--	--
0732	70	N	N	N	10	50	N	--	--	--	--	--
0733	70	N	N	5	10	75	<2	--	--	--	--	--
0734	100	N	N	10	10	65	<2	--	--	--	--	--
0735	100	N	N	15	10	50	<2	--	--	--	--	--
0736	100	N	N	15	10	65	N	--	--	6.60	3.42	--
0737	100	N	N	15	10	50	N	--	--	4.60	2.90	--
0738	70	N	N	10	1	40	<2	--	--	3.10	1.74	--
0739	300	N	N	15	10	55	2	--	--	--	--	--
0741	100	N	N	15	10	55	<2	--	--	5.40	2.34	--
0742	200	N	N	5	5	40	N	--	--	4.60	2.59	--

55-45

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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
0743	56 16 14	133 20 51	7.0	3.0	7.00	.50	1,500	N	N	N	10	500	1.0	N
0744	56 16 9	133 20 56	5.0	2.0	7.00	.30	700	N	N	N	<10	500	1.0	N
0746	56 15 48	133 20 36	5.0	2.0	5.00	.50	700	N	N	N	<10	300	1.0	N
0747	56 15 33	133 20 15	7.0	3.0	7.00	.30	1,500	N	N	N	<10	300	N	N
0748	56 15 28	133 25 53	7.0	3.0	7.00	.30	1,500	N	N	N	<10	300	N	N
0945	56 23 39	133 36 42	10.0	1.0	1.00	.70	3,000	N	N	N	20	500	10.0	N
0946	56 28 39	133 37 0	10.0	5.0	5.00	1.00	>5,000	N	N	N	20	700	5.0	N
0947	56 29 23	133 34 27	10.0	5.0	5.00	1.00	2,000	1.0	N	N	15	700	5.0	N
0948	56 29 25	133 34 40	1.0	2.0	1.00	.70	2,000	7.0	N	N	15	500	10.0	N
0995	56 28 20	133 37 10	10.0	2.0	1.00	.70	3,000	N	N	N	10	300	3.0	N
0996	56 29 30	133 35 30	7.0	1.0	1.00	.50	1,500	N	N	N	30	700	3.0	N
1230	56 26 15	133 33 56	3.0	.7	1.00	.70	1,500	N	N	N	10	500	2.0	N
1232	56 26 14	133 33 10	3.0	.3	.20	.70	2,000	N	N	N	10	300	5.0	N
1233	56 26 56	133 29 40	3.0	.3	.50	.50	5,000	N	N	N	15	300	3.0	N
1234	56 27 2	133 29 15	2.0	.3	.20	.30	500	N	N	N	15	200	5.0	N
1236	56 29 59	133 26 28	5.0	.7	1.00	1.00	1,000	N	N	N	15	300	1.5	N

Petersburg B6--continued

0555	56 13 19	133 53 33	10.0	2.0	2.00	1.00	1,000	N	N	N	50	700	1.0	N
0557	56 20 54	133 51 11	10.0	2.0	3.00	1.00	1,500	N	N	N	30	500	<1.0	N
0559	56 23 33	133 55 22	10.0	3.0	5.00	.70	1,000	N	N	N	20	500	<1.0	N
0560	56 15 37	133 54 40	10.0	3.0	5.00	.70	1,500	N	N	N	30	300	1.0	N
0561	56 23 40	133 52 57	10.0	3.0	3.00	.50	1,000	N	N	N	20	300	1.0	N
0563	56 16 17	133 57 40	10.0	3.0	5.00	.70	1,000	N	N	N	30	300	1.0	N
0564	56 19 12	133 50 29	10.0	2.0	2.00	.70	1,500	N	N	N	70	500	2.0	N
0565	56 15 6	133 58 27	5.0	2.0	5.00	.70	1,500	N	N	N	1,000	200	1.0	N
0566	56 22 32	133 55 46	7.0	2.0	5.00	.70	1,000	N	N	N	30	500	1.0	N
0567	56 15 19	133 59 28	5.0	1.0	2.00	.50	1,000	N	N	N	30	300	1.0	N
0568	56 24 17	133 55 19	10.0	3.0	5.00	.70	1,500	N	N	N	70	700	N	N
0569	56 18 24	133 59 24	10.0	3.0	2.00	.70	1,500	N	N	N	50	700	2.0	N
0571	56 24 21	133 55 9	10.0	3.0	2.00	.70	1,500	N	N	N	70	500	1.0	N
0572	56 26 8	133 57 0	10.0	3.0	3.00	.70	1,500	N	N	N	30	500	1.0	N
0573	56 19 57	133 58 54	10.0	2.0	1.00	.70	1,500	N	N	N	50	500	1.0	N
0574	56 21 27	133 58 59	10.0	3.0	.70	.70	1,500	N	N	N	100	500	2.0	N
0575	56 22 3	133 59 6	10.0	3.0	1.00	.70	1,500	N	N	N	50	500	1.0	N
0576	56 20 56	133 57 31	10.0	3.0	2.00	.70	1,500	N	N	N	50	700	1.0	N
0610	56 27 55	133 52 35	10.0	2.0	3.00	.70	1,500	N	N	N	20	200	1.0	N
0612	56 29 15	133 53 57	10.0	3.0	2.00	.70	2,000	N	N	N	30	300	1.0	N
0613	56 27 19	133 52 10	10.0	3.0	3.00	.70	1,500	N	N	N	20	200	1.0	N
0615	56 29 2	133 53 22	10.0	1.0	2.00	.70	5,000	N	N	N	20	300	2.0	N
0617	56 29 40	133 57 49	10.0	2.0	2.00	.70	3,000	N	N	N	20	300	1.0	N
0627	56 26 23	133 56 10	7.0	2.0	2.00	.70	1,500	N	N	N	20	500	1.0	N
0628	56 26 26	133 54 13	10.0	2.0	3.00	.70	1,500	N	N	N	20	300	1.0	N

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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	S-ZN
0743	N	20	150	20	30	N	N	30	20	N	15	N	500	200	N	30	N
0744	N	15	100	7	20	N	N	20	15	N	15	N	500	150	N	30	N
0746	N	20	70	10	N	N	N	20	15	N	15	N	500	200	N	20	N
0747	N	30	100	70	N	N	N	30	15	N	15	N	300	200	N	20	N
0748	N	30	70	30	20	N	N	30	20	N	15	N	500	300	N	20	N
0945	N	10	30	15	100	7	100	5	50	N	10	10	200	200	N	150	<200
0946	N	50	70	15	50	15	20	15	50	N	15	N	300	300	N	70	<200
0947	N	20	300	15	50	N	20	15	50	N	15	N	500	300	N	50	<200
0948	N	10	50	10	100	N	100	5	70	N	10	N	200	150	N	100	200
0995	N	30	50	20	70	15	50	15	50	N	15	N	200	200	N	70	N
0996	N	15	70	5	70	N	20	10	30	N	10	N	300	100	N	70	N
1230	N	30	70	10	30	<5	<20	20	15	N	30	N	300	150	N	50	<200
1232	N	15	30	10	100	<5	50	10	20	N	20	N	150	100	N	150	200
1233	N	20	30	7	70	5	30	10	30	N	15	N	200	150	N	70	200
1234	N	7	20	5	70	<5	30	7	20	N	7	N	100	70	N	100	<200
1236	N	20	100	10	20	10	N	20	10	N	20	N	200	200	N	50	<200

Petersburg B6--continued

0555	N	15	500	50	20	N	N	30	10	N	30	N	500	500	N	50	<200
0557	N	20	100	50	20	N	N	30	10	N	30	N	700	300	N	50	N
0559	N	20	100	30	20	N	N	30	10	N	30	N	700	300	N	30	N
0560	N	30	70	70	20	N	N	50	<10	N	30	N	700	300	N	30	N
0561	N	15	70	50	20	N	N	50	10	N	20	N	700	200	N	30	<200
0563	N	30	100	70	30	N	N	50	10	N	30	N	700	300	N	50	N
0564	N	30	70	100	30	N	N	70	20	N	20	N	700	300	N	50	300
0565	N	30	100	70	30	N	N	70	20	N	20	N	500	200	N	30	N
0566	N	30	70	70	50	N	N	50	15	N	30	N	1,500	200	N	50	N
0567	N	20	70	70	30	N	N	50	20	N	15	N	700	200	N	30	N
0568	N	30	100	70	30	N	N	50	10	N	30	N	2,000	300	N	30	N
0569	N	20	100	70	30	N	N	50	15	N	20	N	1,000	300	N	30	N
0571	N	30	70	70	50	N	N	70	15	N	20	N	1,500	300	N	30	N
0572	N	30	70	70	50	N	N	70	15	N	20	N	1,500	300	N	30	N
0573	N	20	70	70	30	N	N	70	15	N	20	N	700	300	N	30	N
0574	N	30	70	70	30	N	N	100	15	N	30	N	700	500	N	30	300
0575	N	20	70	50	30	N	N	50	15	N	20	N	1,000	300	N	30	N
0576	N	20	50	50	50	N	N	30	20	N	20	N	1,000	300	N	50	N
0610	N	20	100	50	N	N	N	30	10	N	20	N	500	200	N	30	N
0612	N	30	70	30	N	N	N	30	10	N	20	N	500	200	N	30	N
0613	N	30	100	50	N	N	N	30	10	N	20	N	500	200	N	30	N
0615	N	30	50	50	20	N	N	30	10	N	20	N	500	200	N	30	N
0617	N	30	70	50	20	N	N	20	10	N	20	N	500	200	N	30	N
0627	N	20	50	50	20	N	N	30	10	N	20	N	700	300	N	30	N
0628	N	20	50	50	20	N	N	30	10	N	15	N	500	300	N	30	N

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--continued

Sample	S-ZR	S-TH	AA-AU-P	AA-CU-P	AA-PE-P	AA-ZN-P	CM-W-P	CM-TH-T	SI-F	AC-TH	AC-U	U-INST
0743	300	N	N	15	10	45	<2	--	--	7.41	3.00	--
0744	70	N	N	5	5	40	N	--	--	6.94	2.70	--
0746	70	N	N	10	5	45	<2	--	--	4.20	2.67	--
0747	70	N	N	45	10	140	<2	--	--	<4.40	2.40	--
0748	100	N	N	25	10	120	<2	--	--	--	--	--
0945	700	N	N	5	15	160	2	20.00	--	18.40	6.00	3.10
0946	300	N	N	<5	15	70	2	--	--	--	--	--
0947	300	N	N	<5	10	85	2	--	--	9.87	3.82	--
0948	500	N	N	<5	15	190	2	--	--	16.70	6.81	--
0995	300	N	N	10	20	150	5	--	--	11.60	3.81	--
0996	300	N	N	N	10	60	2	--	--	9.32	4.21	--
1231	200	N	N	15	10	80	<1	--	--	8.95	2.72	--
1232	500	N	N	15	25	190	1	--	--	15.40	4.99	--
1233	300	N	N	10	25	160	1	--	--	13.10	4.68	--
1234	500	N	N	5	25	85	1	--	--	21.30	8.59	--
1236	150	N	N	10	15	130	<1	--	--	8.20	7.18	--
						Petersburg B6--continued						
0555	150	N	N	10	10	40	--	--	--	--	--	--
0557	200	N	N	25	15	80	N	--	--	--	--	--
0559	100	N	N	20	20	60	--	--	--	--	--	--
0560	100	N	--	25	35	50	N	--	--	--	--	--
0561	100	N	N	25	30	75	N	--	--	--	--	--
0563	100	N	N	60	25	90	N	--	--	--	--	--
0564	150	N	N	60	20	160	N	--	--	--	--	--
0565	100	N	N	50	30	50	--	--	--	--	--	--
0566	150	N	N	40	20	100	N	--	--	--	--	--
0567	100	N	N	45	30	95	N	--	--	--	--	--
0568	70	N	N	40	25	100	N	--	--	--	--	--
0569	150	N	N	25	20	90	N	--	--	--	--	--
0570	100	N	N	35	20	120	N	--	--	--	--	--
0572	100	N	N	25	15	65	N	--	--	--	--	--
0573	150	N	N	40	25	110	N	--	--	--	--	--
0574	150	N	N	45	25	140	N	--	--	--	--	--
0575	100	N	N	30	20	110	N	--	--	--	--	--
0576	200	N	N	30	20	95	N	--	--	--	--	--
0610	100	N	N	35	20	90	N	2.31	--	5.00	2.31	5.00
0612	70	N	N	35	20	120	N	--	--	--	--	--
0613	100	N	N	35	20	95	N	--	--	--	--	--
0615	100	N	N	30	20	120	N	2.08	--	6.40	2.08	6.40
0617	100	N	N	30	25	120	N	2.64	--	5.80	2.64	5.80
0627	100	N	N	35	20	100	N	--	--	--	--	--
0623	150	N	N	40	25	120	N	--	--	--	--	--

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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
0699	56 29 45	133 49 45	5.0	.5	.70	.50	1,000	N	N	N	<10	300	1.0	N
0700	56 29 20	133 48 36	10.0	1.0	1.00	.70	2,000	N	N	N	<10	500	1.0	N
0701	56 29 2	133 48 6	3.0	.3	.70	.50	1,500	N	N	N	<10	300	1.0	N
0702	56 28 28	133 47 3	7.0	1.0	1.00	.70	3,000	N	N	N	<10	500	<1.0	N
1035	56 17 43	133 55 53	3.0	1.0	1.00	.50	2,000	N	N	N	20	200	1.0	N
1055	56 19 42	133 53 42	3.0	1.0	1.00	.50	1,500	N	N	N	50	300	1.0	N
1057	56 19 45	133 53 35	2.0	1.0	.30	.50	300	N	N	N	50	300	1.0	N
1061	56 21 45	133 53 30	2.0	1.5	.20	.30	500	<.5	N	N	50	200	1.0	N
						Petersburg C1--continued								
0249	56 30 23	132 15 31	5.0	2.0	2.00	.50	1,000	N	N	N	15	1,000	N	N
0250	56 32 27	132 15 24	5.0	2.0	2.00	.50	1,000	N	N	N	20	1,000	N	N
0251	56 34 4	132 16 37	5.0	2.0	2.00	.30	700	N	N	N	10	700	N	N
0252	56 31 32	132 12 41	7.0	3.0	2.00	.50	700	N	N	N	10	2,000	N	N
0253	56 31 26	132 12 40	7.0	3.0	2.00	.50	700	N	N	N	10	3,000	1.0	N
0261	56 31 37	132 4 19	10.0	3.0	3.00	.70	700	N	N	N	<10	1,500	N	N
0262	56 31 20	132 4 20	10.0	3.0	2.00	.50	1,500	2.0	N	N	10	1,000	10.0	N
0263	56 31 36	132 4 41	7.0	5.0	2.00	.50	1,000	N	N	N	<10	1,500	1.0	N
0305	56 30 29	132 18 40	10.0	1.0	1.00	.50	1,000	N	N	N	30	700	N	N
0306	56 30 50	132 16 5	10.0	3.0	2.00	.50	700	N	N	N	30	1,000	N	N
0309	56 36 47	132 17 55	7.0	3.0	2.00	.30	1,000	N	N	N	10	700	N	N
0310	56 36 8	132 16 52	7.0	2.0	3.00	.30	2,000	N	N	N	20	1,000	N	N
0311	56 35 37	132 14 9	5.0	2.0	3.00	.50	700	N	N	N	10	2,000	N	N
0312	56 35 56	132 14 0	7.0	2.0	3.00	.50	1,000	N	N	N	10	2,000	N	N
0313	56 37 5	132 14 50	7.0	2.0	3.00	.50	1,000	N	N	N	<10	1,500	N	N
0314	56 38 40	132 12 32	10.0	5.0	3.00	.70	1,000	N	N	N	<10	1,000	N	N
0315	56 36 16	132 9 35	10.0	5.0	2.00	.50	1,000	N	N	N	<10	2,000	1.0	N
0316	56 36 16	132 9 53	10.0	5.0	2.00	.70	1,000	N	N	N	<10	1,000	N	N
0317	56 35 26	132 8 30	15.0	5.0	5.00	.50	1,500	N	N	N	10	1,000	N	N
0318	56 35 22	132 8 40	15.0	3.0	5.00	.50	1,000	N	N	N	10	700	N	N
0319	56 34 22	132 6 34	15.0	3.0	5.00	.50	1,000	1.0	N	N	10	1,000	N	N
0320	56 34 20	132 6 41	15.0	5.0	5.00	.50	1,500	N	N	N	<10	1,000	N	N
0321	56 37 33	132 10 49	10.0	5.0	5.00	.50	1,500	N	N	N	10	1,000	N	N
0322	56 34 15	132 3 0	10.0	5.0	2.00	.50	1,000	N	N	N	<10	1,000	N	N
0323	56 34 6	132 3 0	10.0	5.0	3.00	.50	1,000	N	N	N	10	700	N	N
0324	56 35 9	132 3 2	7.0	3.0	2.00	.50	1,000	N	N	N	10	700	N	N
0325	56 35 0	132 2 55	5.0	2.0	5.00	.70	1,000	N	N	N	10	1,000	<1.0	N
0362	56 41 37	132 5 20	15.0	5.0	10.00	1.00	1,500	N	N	N	15	700	2.0	N
0363	56 41 13	132 1 29	15.0	7.0	10.00	1.00	1,500	N	N	N	20	1,000	<1.0	N
0364	56 40 26	132 0 13	7.0	3.0	10.00	1.00	1,500	N	N	N	<10	1,500	1.0	N

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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	S-ZN
0699	N	20	30	20	N	N	N	15	10	N	15	N	150	150	N	20	<200
0700	N	30	50	30	N	N	N	15	20	N	15	N	200	200	N	30	<200
0701	N	15	N	7	N	N	N	5	10	N	7	N	150	100	N	15	<200
0702	N	30	50	20	N	N	N	15	10	N	15	N	150	150	N	20	<200
1035	N	50	50	50	<20	<5	N	30	15	N	30	N	200	200	N	20	<200
1055	N	30	30	50	<20	5	N	20	15	N	20	N	500	200	N	20	200
1057	N	20	20	30	<20	7	N	30	15	N	20	N	200	200	N	20	200
1060	N	20	30	30	N	5	N	50	15	N	20	N	300	150	N	20	200
								Petersburg C1--continued								
0249	N	20	500	30	N	N	N	100	15	N	20	N	500	150	N	30	N
0250	N	20	500	30	N	N	N	100	15	N	30	N	500	150	N	50	N
0251	N	15	300	20	N	N	N	70	15	N	20	N	700	100	N	30	N
0252	N	30	300	50	70	N	N	70	20	N	20	N	300	150	N	30	N
0253	N	30	200	70	50	N	N	70	20	N	20	N	500	200	N	50	N
0261	N	30	200	100	N	N	N	70	30	N	30	N	500	200	N	50	<200
0262	N	30	150	200	50	15	N	50	500	N	20	300	500	150	N	70	700
0263	N	30	200	70	20	N	N	50	15	N	30	N	500	200	N	30	N
0305	N	15	300	20	20	N	N	100	10	N	15	N	500	100	N	30	N
0306	N	20	500	30	20	N	N	100	10	N	20	N	700	200	N	30	N
0309	N	30	300	30	20	N	N	100	20	N	20	N	700	150	N	30	N
0310	N	15	150	15	50	N	N	50	15	N	30	N	700	150	N	70	N
0311	N	15	150	30	20	N	N	50	15	N	20	N	500	100	N	30	N
0312	N	15	200	30	50	N	N	70	15	N	30	N	500	150	N	50	N
0313	N	20	150	20	20	N	N	50	20	N	30	N	700	150	N	30	N
0314	N	30	300	30	20	N	N	50	20	N	30	N	500	200	N	50	N
0315	N	30	300	100	20	N	N	50	20	N	30	N	300	200	N	30	N
0316	N	30	300	50	20	N	N	50	20	N	30	N	300	150	N	30	N
0317	N	30	100	50	20	N	N	30	20	N	20	N	700	200	N	30	N
0318	N	30	70	20	N	N	N	10	20	N	20	N	1,000	200	N	30	N
0319	N	20	50	20	100	N	N	5	20	N	20	N	700	200	N	30	N
0320	N	30	200	70	50	N	N	50	20	N	30	N	700	200	N	50	N
0321	N	30	200	50	50	N	N	50	20	N	30	N	700	200	N	50	N
0322	N	20	200	70	20	N	N	50	20	N	20	N	500	200	N	30	N
0323	N	30	500	50	20	N	N	50	20	N	30	N	500	200	N	30	N
0324	N	20	200	50	20	N	N	50	20	N	20	N	500	200	N	30	N
0325	N	20	70	70	100	15	<20	30	20	N	20	N	500	200	<50	30	N
0362	N	30	100	50	50	N	N	50	10	N	30	N	1,000	500	N	70	N
0363	N	30	500	70	20	N	N	70	10	N	30	N	1,000	200	N	50	N
0364	N	20	100	50	70	N	N	30	10	N	30	N	1,500	200	N	50	N

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--continued

Sample	S-ZR	S-TH	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P	CM-W-P	CM-TH-T	SI-F	AC-TH	AC-U	U-INST
0699	100	N	N	20	10	75	N	--	--	3.70	1.85	--
0700	150	N	N	10	10	80	N	--	--	5.30	2.21	--
0701	100	N	N	15	15	95	N	--	--	4.70	3.04	--
0702	150	N	N	10	30	80	N	--	--	3.80	2.50	--
1035	100	N	N	40	20	120	N	--	--	--	--	--
1055	100	N	N	30	20	120	<1	--	--	--	--	--
1057	150	N	N	35	15	130	<1	--	--	--	--	--
1060	100	N	N	35	15	150	N	--	--	--	--	--
						Petersburg C1--continued						
0249	150	--	N	15	15	60	N	--	--	--	--	--
0250	150	--	N	10	15	60	N	--	--	--	--	--
0251	100	--	N	10	15	45	N	--	--	--	--	--
0252	100	--	N	25	20	85	<1	4.46	--	--	--	11.60
0253	150	--	N	40	20	100	<1	4.58	--	13.50	4.58	13.50
0261	70	--	N	65	30	120	1	4.14	--	9.28	4.14	9.28
0262	100	--	N	110	190	500	7	6.47	--	18.60	6.47	18.60
0263	70	--	N	40	30	120	3	3.29	--	13.10	3.29	13.10
0305	150	--	N	10	5	55	N	--	--	--	--	--
0306	100	--	N	15	10	75	N	13.50	--	--	--	2.10
0309	100	--	N	15	15	75	N	--	--	--	--	--
0310	100	--	--	--	--	--	N	--	--	--	--	--
0311	100	--	N	20	5	50	N	2.44	--	<4.30	2.44	<4.30
0312	100	--	N	20	5	50	N	3.78	--	8.20	3.78	8.20
0313	70	--	N	15	10	55	N	1.86	--	7.79	1.86	7.79
0314	100	--	N	20	10	55	2	3.56	--	10.90	3.56	10.90
0315	100	--	N	40	10	65	5	3.50	--	10.30	3.50	10.30
0316	100	--	N	30	10	60	3	3.65	--	8.32	3.65	8.32
0317	15	--	N	20	15	70	N	--	--	--	--	--
0318	20	--	N	15	10	55	N	--	--	--	--	--
0319	30	--	N	15	10	50	N	3.36	--	19.30	3.36	19.30
0320	100	--	N	30	10	65	1	3.41	--	6.56	3.41	8.56
0321	100	--	N	25	10	55	<1	3.82	--	7.70	3.82	7.70
0322	100	--	N	30	10	65	<1	13.30	--	--	--	1.50
0323	70	--	N	35	15	70	3	19.50	--	--	--	1.00
0324	70	--	N	30	15	75	1	17.30	--	--	--	2.40
0325	100	--	N	15	10	45	5	25.00	--	--	--	1.00
0362	200	N	<.05	35	10	45	N	2.85	--	10.40	2.85	10.40
0363	150	N	N	40	15	55	N	22.30	--	--	--	.80
0364	200	N	N	20	10	40	N	18.80	--	--	--	.70

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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
0365	56 43 12	132 1 0	15.0	3.0	10.00	1.00	1,500	N	N	N	15	1,000	1.0	N
0366	56 43 57	132 3 1	15.0	.7	5.00	.50	1,000	N	N	N	15	2,000	1.0	N
0367	56 41 33	132 19 5	15.0	2.0	5.00	1.00	1,500	N	N	N	20	1,000	1.0	N
0368	56 41 32	132 19 15	15.0	2.0	5.00	1.00	3,000	N	N	N	20	1,000	1.0	N
0369	56 42 37	132 12 8	15.0	5.0	10.00	.70	1,500	N	N	N	15	700	1.0	N
0370	56 43 24	132 11 20	15.0	3.0	10.00	.50	1,500	N	N	N	15	1,000	1.0	N
0371	56 43 58	132 8 29	15.0	3.0	5.00	.50	1,000	N	N	N	10	1,000	1.0	N
0372	56 44 34	132 11 1	15.0	3.0	10.00	.50	1,500	N	N	N	15	1,000	1.0	N
0375	56 44 0	132 5 36	15.0	2.0	10.00	.70	1,500	N	N	N	10	1,000	1.0	N
1005	56 35 55	132 13 49	3.0	2.0	1.50	.50	300	<.5	N	N	10	700	1.0	N
1006	56 38 12	132 15 45	3.0	2.0	2.00	.70	500	<.5	N	N	10	700	1.0	N
1007	56 39 51	132 15 53	2.0	1.0	.50	.30	500	N	N	N	20	300	<1.0	N
1008	56 38 41	132 11 15	3.0	2.0	3.00	.70	700	N	N	N	<10	1,000	1.0	N
1009	56 38 13	132 9 10	3.0	2.0	3.00	.70	700	N	N	N	<10	1,000	1.0	N
1010	56 38 16	132 6 32	3.0	2.0	2.00	.50	500	N	N	N	<10	700	<1.0	N
1011	56 37 24	132 4 52	2.0	1.5	2.00	.50	700	N	N	N	<10	500	1.0	N
1012	56 36 9	132 6 30	3.0	2.0	3.00	.50	700	N	N	N	<10	1,000	1.0	N
1013	56 37 31	132 4 50	5.0	3.0	3.00	.70	1,000	N	N	N	<10	1,000	1.0	N
1014	56 36 9	132 3 52	3.0	1.5	1.50	.50	500	N	N	N	<10	500	<1.0	N
1015	56 36 57	132 0 18	5.0	3.0	3.00	.50	700	N	N	N	N	1,000	1.0	N
1358	56 42 28	132 19 15	5.0	2.0	3.00	.70	2,000	N	N	N	<10	500	1.0	N
1363	56 42 4	132 14 51	5.0	2.0	2.00	.70	1,500	N	N	N	<10	1,000	1.0	N
1373	56 42 33	132 19 30	3.0	1.5	1.50	.50	1,500	N	N	N	20	500	1.0	N
1390	56 36 39	132 17 20	5.0	1.5	1.00	.30	2,000	N	N	N	10	500	1.5	N
1391	56 31 0	132 5 20	5.0	2.0	1.50	.50	1,500	<.5	N	N	<10	700	1.5	N
1391A	56 31 0	132 5 20	3.0	2.0	1.50	.50	1,000	.7	N	N	<10	1,000	5.0	N
1392	56 33 25	132 12 20	5.0	1.5	1.00	.50	1,500	N	N	N	<10	700	1.0	N
1393	56 39 42	132 9 55	7.0	3.0	2.00	1.00	2,000	N	N	N	30	500	1.5	N
1394	56 40 53	132 9 38	3.0	5.0	2.00	.30	1,000	N	N	N	20	300	1.0	N
1395	56 39 35	132 3 30	3.0	1.5	2.00	.50	1,000	N	N	N	N	1,000	1.5	N

Petersburg C2--continued

0242	56 30 37	132 35 23	5.0	1.0	2.00	.50	1,000	N	N	N	15	700	N	N
0243	56 30 0	132 34 29	10.0	1.0	2.00	.50	2,000	N	N	N	15	700	N	N
0244	56 32 3	132 33 44	10.0	2.0	3.00	.50	1,000	N	N	N	10	1,000	1.0	N
0245	56 32 45	132 32 50	7.0	1.0	1.00	.50	700	N	N	N	20	700	N	N
0246	56 32 59	132 31 36	10.0	2.0	2.00	.50	700	N	N	N	20	1,000	N	N
0247	56 32 41	132 31 29	10.0	2.0	2.00	.50	1,000	N	N	N	10	700	N	N
0327	56 32 57	132 21 26	10.0	2.0	1.00	.50	700	N	N	N	30	700	N	N
0328	56 34 28	132 21 47	5.0	2.0	1.00	.30	500	N	N	N	10	1,000	N	N
0328	56 33 21	132 36 44	5.0	2.0	5.00	.70	1,000	N	N	N	20	700	<1.0	N
0329	56 33 58	132 35 43	5.0	2.0	5.00	.70	1,500	N	N	N	30	700	<1.0	N

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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	S-ZN
0365	N	3C	100	30	150	N	N	20	10	N	30	N	1,000	500	N	50	N
0366	N	1C	15	10	50	N	N	5	30	N	15	N	1,000	300	N	50	N
0367	N	2C	500	50	50	N	2C	30	10	N	30	N	1,000	300	N	100	N
0368	N	3C	100	70	200	N	N	50	10	N	20	N	700	300	N	70	N
0369	N	3C	150	70	150	N	N	70	10	N	30	N	500	300	N	100	N
0370	N	2C	150	50	70	N	N	50	10	N	30	N	1,000	300	N	70	N
0371	N	2C	100	30	70	N	N	30	10	N	20	N	1,000	300	N	30	N
0372	N	3C	200	30	50	N	N	50	10	N	30	N	1,000	300	N	70	N
0375	N	3C	150	50	500	N	N	50	10	N	30	N	1,000	300	N	70	N
1005	N	15	300	20	<20	5	<2C	100	20	N	30	N	500	150	N	20	N
1006	N	3C	300	30	50	5	<2C	70	15	N	50	N	300	150	N	20	<200
1007	N	2C	200	20	<2C	<5	N	70	15	N	15	N	300	100	N	15	N
1008	N	3C	100	30	70	<5	<2C	30	20	N	30	N	500	200	N	30	<200
1009	N	2C	100	20	100	<5	<2C	30	20	N	50	N	700	200	N	30	<200
1010	N	3C	200	20	100	5	N	70	15	N	30	N	500	150	N	20	<200
1011	N	2C	70	20	70	5	<2C	30	15	N	30	N	500	150	N	30	<200
1012	N	2C	70	30	50	N	<2C	30	15	N	30	N	500	150	N	20	N
1013	N	3C	100	30	100	N	<2C	50	15	N	30	N	700	300	N	30	<200
1014	N	2C	50	20	30	N	<2C	20	10	N	30	N	300	150	N	20	N
1015	N	2C	30	10	100	N	<2C	<5	15	N	50	N	700	200	N	30	N
1358	N	2C	100	10	100	N	<2C	30	10	N	50	N	500	200	N	70	<200
1363	N	2C	70	20	30	<5	N	20	20	N	30	N	700	200	N	30	N
1375	N	15	100	15	70	N	N	20	15	N	20	N	500	150	N	30	<200
1380	N	3C	200	20	N	<5	N	70	15	N	20	N	500	150	N	15	N
1391	N	2C	100	30	30	7	N	30	70	N	20	50	300	150	N	30	N
1391A	N	2C	100	50	20	5	N	20	70	N	20	10	500	100	N	20	<200
1392	N	2C	30	30	30	N	N	10	10	N	20	N	500	150	N	30	N
1393	N	3C	100	20	50	N	N	30	10	N	20	N	700	200	N	20	N
1394	N	2C	100	70	100	N	N	50	15	N	15	N	200	100	N	20	N
1395	N	2C	30	20	70	N	N	15	10	N	10	N	1,000	100	N	20	N

Petersburg C2--continued

0242	N	2C	150	20	N	N	N	30	20	N	20	N	500	150	N	20	N
0243	N	3C	100	20	N	N	N	30	20	N	20	N	500	150	N	20	N
0244	N	15	150	20	N	N	N	30	20	N	30	N	700	150	N	30	N
0245	N	15	200	30	N	N	N	50	10	N	15	N	300	150	N	20	N
0246	N	15	200	30	N	N	N	70	20	N	30	N	300	150	N	30	N
0247	N	15	150	20	N	N	N	50	20	N	30	N	500	150	N	30	N
0307	N	15	500	50	70	N	N	150	10	N	15	N	300	200	N	30	N
0308	N	15	500	30	N	N	N	100	20	N	15	N	500	150	N	20	N
0328	N	2C	200	50	<20	N	N	70	20	N	20	N	500	200	N	20	N
0329	N	2C	150	30	<20	N	N	30	20	N	30	N	500	300	N	20	N

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--continued

Sample	S-ZR	S-TH	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P	CM-W-P	CM-TH-T	SI-F	AC-TH	AC-U	U-INST
C365	200	N	<.10	10	15	55	N	21.80	--	--	--	1.30
C366	200	N	N	5	10	25	N	10.50	--	--	--	2.40
C367	500	N	<.05	20	10	75	N	3.71	--	14.90	3.71	14.90
C368	200	N	N	35	15	110	<1	2.61	--	7.10	2.61	7.10
C369	>1,000	N	N	45	10	55	N	10.70	--	43.50	10.70	43.50
C370	1,000	N	N	25	10	10	N	4.14	--	17.50	4.14	17.50
C371	700	N	N	15	15	40	N	1.76	--	8.90	1.76	8.90
C372	150	N	N	15	10	30	N	3.37	--	14.70	3.37	14.70
C375	1,000	N	N	15	10	35	N	4.30	--	18.40	4.30	18.40
1005	150	N	N	15	10	55	N	--	--	--	--	--
1006	150	N	N	30	10	80	N	--	--	--	--	--
1007	100	N	N	20	10	110	1	--	--	--	--	--
1008	150	N	N	30	10	75	<1	--	--	--	--	--
1009	200	N	N	25	10	60	<1	--	--	--	--	--
1010	150	N	N	30	10	50	N	--	--	--	--	--
1011	200	N	N	20	10	60	<1	--	--	--	--	--
1012	200	N	N	25	10	60	N	--	--	--	--	--
1013	300	N	N	25	10	60	1	--	--	--	--	--
1014	200	N	N	25	10	80	N	--	--	--	--	--
1015	300	N	N	5	10	50	N	--	--	--	--	--
1358	200	N	N	20	10	65	1	--	--	--	--	--
1363	200	N	N	15	5	45	N	--	--	--	--	--
1373	100	N	N	20	10	50	<1	--	--	--	--	--
1380	100	N	N	15	10	70	N	--	--	--	--	--
1391	150	N	N	40	40	175	5	--	--	--	--	--
1391A	70	N	N	45	40	200	2	--	--	--	--	--
1392	100	N	N	25	10	70	N	--	--	--	--	--
1393	100	N	N	25	15	35	1	--	--	--	--	--
1394	100	N	N	30	20	70	N	--	--	--	--	--
1395	100	N	N	20	10	45	N	--	--	--	--	--

Petersburg C2--continued

C242	150	--	N	15	15	65	N	--	--	--	--	--
C243	100	--	N	10	15	70	N	--	--	--	--	--
C244	150	--	N	10	10	45	N	--	--	--	--	--
C245	100	--	N	15	10	40	N	--	--	--	--	--
C246	150	--	N	15	15	45	N	--	--	--	--	--
C247	150	--	N	10	15	45	<1	--	--	--	--	--
C307	100	--	N	20	15	~~655~~ 65	N	--	--	--	--	--
C308	100	--	N	20	15	65	N	--	--	--	--	--
C326	70	--	N	15	10	45	N	--	--	--	--	--
C329	70	--	N	15	10	40	N	--	--	--	--	--

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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
0330	56 34 23	132 34 10	5.0	2.0	7.00	.70	1,000	N	N	N	15	700	N	N
0331	56 35 53	132 32 57	5.0	1.5	3.00	.70	1,000	N	N	N	30	700	<1.0	N
0332	56 36 42	132 34 47	5.0	2.0	5.00	.70	1,500	N	N	N	20	700	<1.0	N
0333	56 36 34	132 35 50	7.0	2.0	7.00	.70	1,500	N	N	N	20	700	<1.0	N
0334	56 37 15	132 36 23	5.0	2.0	1.50	.70	2,000	N	N	N	50	700	<1.0	N
0335	56 38 15	132 37 30	5.0	1.5	1.50	.70	2,000	N	N	N	30	700	<1.0	N
0336	56 38 39	132 37 55	5.0	2.0	5.00	.70	1,500	N	N	N	30	700	N	N
0337	56 39 35	132 38 37	5.0	2.0	2.00	.70	2,000	N	N	N	50	700	<1.0	N
0338	56 40 20	132 38 48	5.0	2.0	3.00	1.00	5,000	N	N	N	30	700	N	N
1354	56 44 41	132 25 35	3.0	2.0	2.00	.70	1,000	<.5	N	N	20	1,000	1.0	N
1355	56 44 54	132 23 35	3.0	2.0	3.00	.70	1,000	<.5	N	N	<10	1,000	1.0	N
1356	56 42 40	132 29 38	3.0	1.5	1.50	.50	1,000	N	N	N	20	1,000	1.0	N
1357	56 42 45	132 26 42	5.0	1.0	1.50	.50	1,500	N	N	N	15	500	1.5	N
1359	56 40 23	132 25 34	7.0	1.5	2.00	.50	1,000	N	N	N	20	1,000	1.0	N
1360	56 39 54	132 22 0	5.0	1.5	1.50	.50	1,000	<.5	N	N	20	1,000	1.0	N
1361	56 40 21	132 25 21	3.0	1.0	1.00	.50	700	N	N	N	20	700	1.0	N
1362	56 39 52	132 30 6	5.0	1.5	1.50	.50	1,500	<.5	N	N	30	1,000	1.0	N
1364	56 38 7	132 28 41	3.0	1.0	2.00	.50	2,000	N	N	N	15	1,000	1.5	N
1365	56 37 26	132 32 45	5.0	1.5	1.50	.70	2,000	<.5	N	N	20	700	1.5	N

Petersburg C3--continued

0169	56 33 55	132 57 25	5.0	2.0	3.00	.70	5,000	N	N	N	50	700	N	N
0170	56 32 58	132 57 20	5.0	1.5	5.00	.50	3,000	N	N	N	50	700	N	N
0171	56 32 28	132 57 13	5.0	1.5	2.00	.50	5,000	N	N	N	50	700	N	N
0172	56 31 26	132 54 7	5.0	1.5	3.00	.50	5,000	N	N	N	30	500	N	N
0173	56 31 20	132 52 29	5.0	1.5	3.00	.50	>5,000	N	N	N	30	500	N	N
0174	56 30 35	132 52 30	5.0	2.0	2.00	.50	5,000	N	N	N	50	500	<1.0	N
0175	56 30 5	132 49 10	7.0	1.5	3.00	.70	>5,000	N	N	N	30	700	N	N
0214	56 35 13	132 59 10	3.0	1.5	5.00	.70	1,500	N	N	N	70	700	<1.0	N
0215	56 34 33	132 58 50	7.0	3.0	7.00	1.00	1,500	N	N	N	70	1,000	N	N
0225	56 32 3	132 59 27	7.0	2.0	3.00	1.00	3,000	N	N	N	30	300	N	N
0326	56 32 22	132 40 43	5.0	1.5	1.50	.70	5,000	N	N	N	20	700	<1.0	N
0327	56 32 47	132 40 5	5.0	2.0	1.50	.70	1,500	N	N	N	20	700	<1.0	N
0339	56 39 59	132 40 35	5.0	2.0	5.00	.70	1,500	N	N	N	30	700	<1.0	N
0340	56 41 45	132 42 51	5.0	2.0	5.00	.70	1,500	N	N	N	30	700	<1.0	N
0341	56 43 0	132 44 33	3.0	2.0	5.00	.70	1,000	N	N	N	30	700	<1.0	N
0376	56 32 12	132 45 33	15.0	2.0	5.00	1.00	2,000	N	N	N	30	700	1.0	N
0377	56 32 8	132 45 25	10.0	1.0	3.00	.70	2,000	N	N	N	50	700	1.0	N
0378	56 32 43	132 48 12	15.0	2.0	3.00	.70	3,000	N	N	N	100	700	1.0	N
0379	56 32 33	132 48 16	15.0	2.0	3.00	1.00	5,000	N	N	N	20	500	1.0	N
0380	56 32 23	132 48 23	15.0	2.0	3.00	1.00	5,000	N	N	N	20	700	1.0	N

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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	S-ZN
0330	N	20	100	50	<20	N	N	30	20	N	30	N	500	300	N	20	N
0331	N	15	100	20	20	N	N	30	20	N	20	N	500	200	N	20	N
0332	N	20	100	30	<20	N	<20	30	20	N	30	N	500	300	N	20	N
0333	N	20	150	30	50	N	<20	30	20	N	50	N	700	300	N	50	N
0334	N	20	100	50	<20	N	N	30	30	N	20	N	500	200	N	20	N
0335	N	15	100	20	20	N	N	20	20	N	20	N	300	200	N	30	N
0336	N	20	150	20	<20	N	N	30	20	N	30	N	500	200	N	30	N
0337	N	30	150	30	<20	N	N	50	20	N	20	N	300	200	N	20	N
0338	N	50	200	50	<20	N	N	50	15	N	20	N	300	200	N	30	N
1354	N	30	200	30	20	<5	<20	70	10	N	30	N	300	200	N	50	<200
1355	N	20	100	20	50	5	<20	30	15	N	50	N	700	300	N	50	<200
1356	N	15	150	15	50	N	<20	50	15	N	20	N	500	200	N	30	N
1357	N	15	70	10	50	N	<20	30	15	N	20	N	500	150	N	50	<200
1359	N	15	200	20	50	N	<20	50	15	N	30	N	500	300	N	50	N
1360	N	20	200	50	200	5	N	50	15	N	20	N	500	200	N	30	N
1361	N	15	200	20	200	N	N	50	<10	N	20	N	300	150	N	20	<200
1362	N	15	200	30	20	5	<20	50	15	N	30	N	500	200	N	30	<200
1364	N	15	100	10	20	5	N	20	15	N	20	N	500	150	N	20	<200
1365	N	15	100	7	100	<5	<20	30	10	N	30	N	500	150	N	50	<200

Petersburg C3--continued

0169	N	30	100	100	<20	5	N	50	20	N	20	N	500	300	N	20	N
0170	N	15	50	50	<20	5	N	30	50	N	15	N	700	200	N	20	N
0171	N	20	100	50	<20	N	N	30	30	N	15	N	700	200	N	20	N
0172	N	20	70	50	<20	N	N	30	20	N	15	N	500	200	N	20	N
0173	N	20	100	50	<20	N	N	50	10	N	15	N	300	200	N	20	N
0174	N	20	100	70	<20	N	N	30	20	N	20	N	300	200	N	20	N
0175	N	20	70	30	20	N	N	20	30	N	30	N	300	200	N	30	N
0214	N	10	100	15	20	N	N	15	30	N	15	N	700	200	N	20	N
0215	N	30	300	70	<20	N	N	70	15	N	30	N	500	300	N	20	N
0225	N	30	100	150	<20	N	N	50	15	N	30	N	200	500	N	20	N
0336	N	15	300	20	<20	N	N	50	15	N	20	N	300	200	N	50	N
0337	N	20	200	50	<20	N	N	70	20	N	15	N	300	200	N	20	N
0339	N	20	150	30	<20	N	N	30	20	N	20	N	500	200	N	30	N
0340	N	15	150	30	20	N	N	30	20	N	20	N	500	200	N	20	N
0341	N	15	200	20	20	N	N	50	20	N	20	N	500	200	N	20	N
0376	N	30	150	50	200	N	N	70	20	N	30	N	700	300	N	50	N
0377	N	20	100	30	100	N	N	70	20	N	20	N	1,000	200	N	50	N
0378	N	30	150	50	20	N	N	70	20	N	20	N	1,000	200	N	50	N
0379	N	30	100	50	50	N	N	50	10	N	30	N	700	300	N	70	N
0381	N	20	500	30	50	N	N	50	10	N	30	N	700	300	N	70	N

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--continued

Sample	S-ZR	S-TH	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P	CM-W-P	CM-TH-T	SI-F	AC-TH	AC-U	U-INST
0330	70	--	N	15	10	45	N	--	--	--	--	--
0331	100	--	N	5	5	45	<1	--	--	--	--	--
0332	150	--	N	15	10	65	N	--	--	--	--	--
0333	70	--	N	5	5	30	N	--	--	--	--	--
0334	70	--	N	15	10	65	N	--	--	--	--	--
0335	70	--	N	10	5	45	<1	--	--	--	--	--
0336	70	--	N	10	5	40	N	--	--	--	--	--
0337	70	--	N	10	10	45	N	--	--	--	--	--
0338	70	--	N	15	10	75	<1	--	--	--	--	--
1354	200	N	N	30	10	75	<1	--	--	--	--	--
1355	200	N	N	15	5	45	<1	--	--	--	--	--
1356	100	N	N	15	10	55	<1	--	--	--	--	--
1357	100	N	N	5	10	55	<1	--	--	--	--	--
1359	300	N	N	20	10	50	<1	--	--	--	--	--
1360	500	N	N	40	10	70	2	--	--	--	--	--
1361	150	N	N	25	10	70	<1	--	--	--	--	--
1362	150	N	N	45	10	75	1	--	--	--	--	--
1364	300	N	N	10	10	55	N	--	--	--	--	--
1365	150	N	N	10	10	70	N	--	--	--	--	--
						Petersburg C3--continued						
0169	70	--	N	45	15	70	N	--	--	--	--	--
0170	100	--	N	30	10	95	N	--	--	--	--	--
0171	70	--	N	20	10	85	<1	--	--	--	--	--
0172	70	--	N	30	10	75	N	--	--	--	--	--
0173	50	--	N	50	10	70	N	--	--	--	--	--
0174	70	--	N	35	10	85	N	--	--	--	--	--
0175	100	--	N	15	15	95	N	--	--	--	--	--
0204	100	--	N	5	10	20	<1	--	--	--	--	--
0205	100	--	N	25	10	65	<1	--	--	--	--	--
0225	70	--	N	60	20	70	N	--	--	--	--	--
0326	70	--	N	5	5	50	3	--	--	--	--	--
0327	70	--	N	15	10	75	1	--	--	--	--	--
0339	70	--	N	10	10	55	<1	--	--	--	--	--
0340	70	--	N	10	5	40	N	--	--	--	--	--
0341	70	--	N	5	10	55	N	--	--	--	--	--
0376	150	N	N	20	30	100	N	--	--	--	--	--
0377	200	N	N	10	20	75	--	--	--	--	--	--
0378	150	N	N	<5	10	25	N	--	--	--	--	--
0379	150	N	N	35	20	40	N	--	--	--	--	--
0380	500	N	N	15	20	65	N	--	--	--	--	--

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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
0381	56 33 45	132 50 5	15.0	2.0	5.00	.70	2,000	N	N	N	10	500	1.0	N
0382	56 34 28	132 46 10	10.0	1.0	3.00	.70	1,500	N	N	N	20	700	2.0	N
0383	56 35 1	132 44 0	15.0	2.0	3.00	.50	2,000	N	N	N	20	500	1.0	N
0384	56 35 10	132 44 0	15.0	2.0	3.00	.50	1,500	N	N	N	15	500	1.0	N
0385	56 35 48	132 45 34	10.0	3.0	5.00	.70	1,500	N	N	N	15	500	1.0	N
0386	56 36 37	132 49 2	10.0	2.0	5.00	.70	2,000	N	N	N	15	500	1.0	N
0387	56 37 20	132 53 3	3.0	1.0	2.00	.50	1,500	N	N	N	20	700	1.0	N
0388	56 37 15	132 53 15	10.0	2.0	5.00	.70	3,000	N	N	N	30	700	1.0	N
0389	56 37 38	132 55 25	5.0	1.0	2.00	.70	2,000	N	N	N	20	700	1.0	N
0390	56 37 9	132 57 13	10.0	2.0	2.00	.70	2,000	N	N	N	20	700	1.0	N
0391	56 33 35	132 58 8	10.0	2.0	3.00	.70	5,000	N	N	N	15	700	1.0	N
0392	56 36 46	132 57 16	5.0	1.0	2.00	.70	1,500	N	N	N	30	700	1.0	N
0393	56 40 50	132 53 44	5.0	2.0	2.00	.50	1,000	N	N	N	30	700	1.0	N
0394	56 38 43	132 53 28	5.0	2.0	2.00	.30	1,500	N	N	N	15	700	1.0	N
0395	56 41 0	132 50 10	5.0	2.0	3.00	.50	1,000	N	N	N	30	500	1.0	N
0396	56 41 54	132 48 40	5.0	2.0	2.00	.70	1,000	N	N	N	50	700	1.0	N
0397	56 41 55	132 48 50	5.0	1.0	2.00	.50	700	N	N	N	15	700	1.0	N
0979	56 34 8	132 58 31	7.0	3.0	5.00	.50	2,000	N	N	N	20	700	1.0	N
0980	56 33 12	132 57 55	7.0	5.0	7.00	.70	2,000	N	N	N	20	700	1.0	N
0981	56 32 47	132 59 50	10.0	5.0	5.00	.70	2,000	N	N	N	15	1,000	1.0	N
0932	56 32 37	132 59 45	10.0	7.0	7.00	.70	1,500	N	N	N	10	700	N	N
0997	56 36 50	132 59 28	7.0	3.0	2.00	.50	1,500	N	N	N	30	1,000	1.0	N
0998	56 42 9	132 57 21	7.0	3.0	5.00	.50	1,500	N	N	N	70	700	2.0	N
0999	56 41 10	132 57 9	7.0	3.0	5.00	.50	1,500	N	N	N	70	700	2.0	N
1000	56 43 29	132 57 20	7.0	3.0	2.00	.50	2,000	N	N	N	70	700	2.0	N
1283	56 42 33	132 55 55	2.0	1.5	.70	.50	700	<.5	N	N	50	500	1.0	N
1294	56 41 16	132 43 59	3.0	2.0	1.00	.50	1,000	<.5	N	N	30	500	1.0	N
1296	56 40 56	132 43 15	3.0	2.0	2.00	.50	1,000	N	N	N	20	500	1.0	N
1298	56 41 1	132 43 15	3.0	1.5	2.00	.50	700	N	N	N	10	500	<1.0	N
1300	56 39 4	132 46 33	3.0	2.0	2.00	.50	1,500	N	N	N	15	500	1.0	N
1301	56 38 15	132 48 18	3.0	1.5	2.00	.50	1,000	N	N	N	20	500	1.0	N
1302	56 39 5	132 46 46	5.0	2.0	2.00	.50	1,000	N	N	N	20	500	1.0	N
1303	56 38 13	132 48 34	3.0	2.0	2.00	.50	1,000	N	N	N	20	500	1.0	N
1304	56 43 16	132 54 30	2.0	1.0	.70	.50	700	N	N	N	30	500	1.0	N

Petersburg C4--continued

C176	56 37 32	133 9 42	5.0	2.0	3.00	.70	1,000	N	N	N	70	1,500	N	N
C177	56 40 18	133 14 22	5.0	2.0	3.00	.70	1,500	N	N	N	30	1,000	N	N
C178	56 40 13	133 15 30	5.0	1.5	1.00	.70	1,500	N	N	N	70	2,000	N	N
C179	56 38 40	133 13 40	5.0	1.5	1.50	.70	2,000	N	N	N	70	1,000	N	N
C180	56 37 25	133 12 20	7.0	2.0	1.50	.70	3,000	N	N	N	70	1,000	N	N

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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	S-ZN
0381	N	15	150	20	20	N	N	20	20	N	30	N	1,000	200	N	70	N
0382	N	15	70	20	20	N	N	30	15	N	20	N	1,000	200	N	50	N
0383	N	20	150	30	50	N	N	70	10	N	30	N	700	200	N	50	N
0384	N	20	150	30	30	N	N	50	10	N	30	N	700	200	N	50	N
0385	N	50	150	100	20	N	N	50	10	N	30	N	1,000	300	N	50	N
0386	N	20	100	50	200	N	N	50	15	N	30	N	700	300	N	70	N
0387	N	15	70	10	20	N	N	30	15	N	15	N	700	150	N	30	N
0388	N	30	100	50	20	N	N	50	20	N	20	N	700	300	N	30	N
0389	N	15	70	20	20	N	N	30	15	N	15	N	700	300	N	30	N
0390	N	30	100	30	20	N	N	30	15	N	30	N	700	300	N	50	N
0391	N	30	100	50	20	N	N	50	15	N	30	N	700	300	N	50	N
0392	N	20	100	50	20	N	N	50	10	N	20	N	700	300	N	30	N
0393	N	15	150	15	20	N	N	70	10	N	30	N	700	200	N	50	N
0394	N	15	150	15	20	N	N	30	10	N	20	N	700	200	N	30	N
0395	N	15	150	20	20	N	N	50	10	N	30	N	700	300	N	30	N
0396	N	30	500	50	20	N	N	150	10	N	20	N	500	200	N	30	N
0397	N	15	100	30	20	N	N	50	10	N	15	N	700	300	N	30	N
0979	N	30	100	70	N	N	N	30	15	N	15	N	500	200	N	30	N
0980	N	50	200	70	N	N	N	50	15	N	20	N	500	300	N	30	N
0981	N	50	200	100	N	N	N	50	15	N	20	N	300	300	N	20	N
0982	N	50	700	70	N	N	N	70	15	N	20	N	300	300	N	20	N
0997	N	20	100	50	20	N	N	30	30	N	15	N	500	200	N	50	N
0998	N	20	150	20	20	N	N	50	30	N	15	N	700	200	N	50	N
0999	N	20	150	20	20	N	N	50	20	N	15	N	700	200	N	50	N
1000	N	30	150	50	20	N	N	70	70	N	15	N	700	200	N	30	N
1288	N	20	200	15	20	N	N	70	15	N	20	N	300	150	N	20	<200
1294	N	30	200	15	30	<5	N	70	20	N	20	N	300	200	N	20	<200
1296	N	20	100	15	<20	N	N	30	15	N	30	N	500	200	N	20	N
1298	N	15	100	10	20	N	N	30	15	N	50	N	500	200	N	30	N
1300	N	20	70	10	20	N	N	30	15	N	50	N	500	200	N	30	N
1301	N	20	100	15	<20	N	N	30	15	N	30	N	500	200	N	20	<200
1302	N	15	100	10	20	N	N	50	15	N	30	N	500	200	N	20	N
1303	N	15	100	10	20	N	N	30	15	N	50	N	500	200	N	30	<200
1304	N	15	150	15	20	N	N	70	10	N	20	N	200	150	N	20	N

Petersburg C4--continued

C176	N	20	100	70	20	N	N	50	70	N	20	N	300	200	N	20	N
C177	N	30	200	50	20	N	N	50	20	N	20	N	300	200	N	20	N
C178	N	20	100	70	20	N	N	30	20	N	20	N	100	200	N	20	N
C179	N	20	150	50	20	N	N	30	15	N	20	N	200	200	N	20	N
C180	N	30	150	50	<20	N	N	50	20	N	20	N	200	200	N	20	N

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--continued

Sample	S-ZR	S-TH	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P	CM-W-P	CM-TH-T	SI-F	AC-TH	AC-U	U-INST
D381	700	N	N	<5	10	30	N	--	--	--	--	--
D382	100	N	N	15	10	55	N	--	--	--	--	--
D383	100	N	N	20	30	60	N	--	--	--	--	--
D384	100	N	N	15	15	65	N	--	--	--	--	--
D385	100	N	N	60	10	70	N	--	--	--	--	--
D386	100	N	N	30	15	70	N	--	--	--	--	--
D387	150	N	N	15	10	50	N	--	--	--	--	--
D388	100	N	N	35	10	75	--	--	--	--	--	--
D389	100	N	N	15	10	65	N	--	--	--	--	--
D390	100	N	N	20	15	80	--	--	--	--	--	--
D391	100	N	N	30	15	75	N	--	--	--	--	--
D392	100	N	N	35	10	60	N	--	--	--	--	--
D393	500	N	N	10	10	40	N	--	--	--	--	--
D394	50	N	N	10	10	55	1	--	--	--	--	--
D395	70	N	N	15	10	55	N	--	--	--	--	--
D396	700	N	N	25	10	80	N	--	--	--	--	--
D397	100	N	N	25	5	40	N	--	--	--	--	--
D979	200	N	N	25	10	45	N	--	--	--	--	--
D980	100	N	N	25	10	65	N	--	--	--	--	--
D981	70	N	N	65	15	100	N	--	--	--	--	--
D982	70	N	N	40	15	45	N	--	--	--	--	--
D997	100	N	N	25	10	55	N	--	--	--	--	--
D998	70	N	N	10	5	50	N	--	--	--	--	--
D999	100	N	N	20	5	55	N	--	--	--	--	--
1000	100	N	N	25	10	75	<2	--	--	5.83	2.19	--
1288	150	N	N	25	10	75	N	--	--	--	--	--
1294	100	N	N	20	10	55	1	--	--	--	--	--
1296	200	N	N	15	10	35	<1	--	--	--	--	--
1298	200	N	N	10	10	35	N	--	--	--	--	--
1300	200	N	N	10	10	35	N	--	--	--	--	--
1301	150	N	N	15	10	40	N	--	--	--	--	--
1302	100	N	N	15	10	55	<1	--	--	--	--	--
1303	100	N	N	10	5	45	<1	--	--	--	--	--
1304	100	N	N	15	10	65	N	--	--	--	--	--

Petersburg C4--continued

D176	100	--	N	30	40	120	N	--	--	--	--	--
D177	70	--	N	20	15	60	N	--	--	--	--	--
D178	70	--	N	30	15	100	<1	--	--	--	--	--
D179	100	--	N	15	20	75	<1	--	--	--	--	--
D180	70	--	N	20	20	85	<9	--	--	--	--	--

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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
C181	56 37 37	133 14 28	7.0	1.5	1.00	.70	3,000	N	N	N	100	1,000	N	N
C182	56 37 37	133 14 48	5.0	1.5	2.00	.70	5,000	N	N	N	150	700	N	N
C183	56 37 C	133 15 26	5.C	1.5	2.00	.70	>5,000	N	N	N	50	1,000	N	N
C184	56 37 9	133 15 34	5.0	2.0	3.00	1.00	5,000	N	N	N	70	1,000	<1.0	N
C185	56 36 0	133 14 50	5.0	.7	.50	.70	5,000	N	N	N	100	700	N	N
C186	56 35 0	133 13 50	5.0	1.5	1.50	1.00	3,000	N	N	N	50	700	<1.0	N
C187	56 38 55	133 19 C	5.0	2.C	2.00	.70	3,000	N	N	N	50	1,000	<1.0	N
C188	56 39 10	133 19 7	5.0	1.5	1.50	.70	2,000	N	N	N	50	1,000	<1.0	N
C199	56 41 25	133 9 C	5.0	1.5	2.00	1.00	3,000	N	N	N	50	2,000	N	N
C200	56 38 56	133 4 27	5.0	2.0	2.00	1.00	2,000	N	N	N	70	3,000	N	N
C201	56 38 51	133 4 18	7.0	2.0	1.50	1.00	3,000	N	N	N	70	5,000	N	N
C202	56 38 7	133 3 30	5.C	2.0	1.50	1.00	2,000	N	N	N	70	5,000	N	N
C203	56 35 25	133 1 30	3.0	1.5	5.00	.70	1,500	N	N	N	70	700	<1.0	N
C206	56 41 30	133 14 C	5.C	3.0	7.00	1.00	1,500	N	N	N	70	>5,000	<1.0	N
C207	56 44 12	133 15 22	5.C	1.5	2.00	1.00	1,000	N	N	N	70	1,500	<1.0	N
C208	56 44 3	133 16 34	5.C	1.5	3.00	1.00	1,500	N	N	N	50	1,500	N	N
C209	56 43 47	133 18 9	7.0	1.5	5.00	1.00	2,000	N	N	N	30	1,000	N	N
C211	56 44 8	133 19 3	7.0	1.5	1.50	.70	3,000	N	N	N	30	1,500	N	N
C222	56 34 46	133 3 10	5.C	3.C	3.00	1.00	3,000	N	N	N	50	1,000	N	N
C223	56 34 5	133 4 C	5.0	2.C	1.00	1.00	2,000	N	N	N	30	700	N	N
C224	56 31 6	133 1 45	7.0	1.5	2.00	1.00	2,000	N	N	N	50	1,000	N	N
C408	56 44 48	133 12 35	10.0	3.0	5.00	.70	2,000	N	N	N	20	500	1.0	N
C412	56 36 4	133 9 4	10.0	2.C	1.00	.70	2,000	.5	N	N	70	700	1.0	N
C413	56 33 1	133 5 42	10.0	2.0	2.00	.70	2,000	N	N	N	30	700	1.0	N
C414	56 32 5	133 8 12	10.0	2.0	2.00	.70	5,000	N	N	N	30	700	1.0	N
C415	56 32 7	133 7 56	7.0	.5	1.00	.20	>5,000	N	N	N	20	500	2.0	N
C416	56 31 48	133 8 32	7.0	1.0	2.00	.70	2,000	N	N	N	15	500	5.0	N
C417	56 30 13	133 8 11	7.0	1.0	2.00	.70	1,000	N	N	N	15	500	2.0	N
C914	56 32 40	133 11 0	10.0	3.0	7.00	.70	3,000	N	N	N	20	500	5.0	N
C915	56 32 55	133 14 5	10.0	3.0	7.00	.50	3,000	N	N	N	20	500	5.0	N
C916	56 33 20	133 11 2	10.0	7.0	7.00	.50	5,000	N	N	N	30	500	N	N
C917	56 33 4	133 14 3	7.0	5.0	2.00	.50	5,000	N	N	N	15	500	5.0	N
C918	56 34 15	133 12 40	10.0	3.C	1.00	.70	3,000	N	N	N	70	500	3.0	N
C919	56 33 25	133 15 45	7.0	2.0	2.00	.50	3,000	N	N	N	10	500	5.0	N
C922	56 36 3	133 11 39	10.0	5.0	2.00	1.00	5,000	N	N	N	100	500	2.0	N
C923	56 30 5	133 11 55	7.0	5.C	7.00	1.00	3,000	N	N	N	20	700	2.0	N
C925	56 35 10	133 16 10	10.0	5.0	7.00	1.00	3,000	N	N	N	100	500	2.0	N
C949	56 32 35	133 3 15	15.0	7.0	7.00	.70	5,000	N	N	N	30	700	1.0	N
C950	56 34 10	133 4 8	20.0	5.0	5.00	1.00	>5,000	N	N	N	30	1,500	2.0	N
1276	56 41 15	133 1 2	3.0	2.0	5.00	1.00	2,000	N	N	N	20	300	1.0	N
1277	56 41 6	133 1 14	3.0	1.0	1.00	.50	1,500	N	N	N	20	300	<1.0	N
1279	56 36 30	133 15 51	3.0	1.0	.70	.50	1,000	N	N	N	20	700	1.5	N
1281	56 39 47	133 15 28	2.0	.7	1.00	.70	1,500	N	N	N	30	1,000	1.0	N
1291	56 41 C	133 6 11	3.0	.7	.70	.50	2,000	.5	N	N	30	2,000	1.0	N
1292	56 42 53	133 11 25	2.C	1.0	.70	.50	2,000	<.5	N	N	30	1,500	1.0	N

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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	S-ZN
0181	N	3C	100	50	<20	N	N	30	20	N	20	N	200	200	N	20	N
0182	N	3C	100	50	20	7	N	30	20	N	15	N	200	200	N	20	N
0183	N	3C	100	30	20	N	N	30	20	N	15	N	300	200	N	20	N
0184	N	2C	70	50	20	5	N	30	50	N	15	N	200	200	N	20	N
0185	N	3C	70	50	<20	N	N	30	70	N	15	N	150	200	N	15	N
0186	N	3C	150	50	20	N	<20	50	30	N	20	N	300	200	N	20	N
0187	N	2C	70	50	20	N	N	30	50	N	15	N	300	200	N	20	N
0188	N	3C	100	70	20	N	N	30	30	N	15	N	200	200	N	20	N
0199	N	3C	100	100	20	N	N	70	20	N	20	N	300	300	N	30	N
0200	N	2C	150	70	20	N	N	50	30	N	15	N	200	300	N	20	<200
0201	N	5C	200	100	30	10	<20	70	20	N	20	N	200	500	N	30	200
0202	N	2C	100	70	20	N	N	50	20	N	20	N	200	300	N	30	<200
0203	N	1C	70	30	20	5	N	30	30	N	15	N	500	200	N	20	N
0206	N	3C	150	100	<20	N	N	50	100	N	20	N	300	300	N	20	<200
0207	N	1S	100	70	20	N	<20	30	20	N	20	N	300	200	N	20	N
0208	N	2C	150	70	<20	N	N	50	20	N	20	N	500	300	N	30	N
0209	N	3C	200	50	<20	N	N	70	15	N	20	N	300	200	N	20	N
0211	N	3C	100	50	<20	N	N	30	20	N	20	N	300	200	N	20	N
0212	N	3C	200	70	<20	N	N	50	20	N	30	N	300	300	N	20	N
0213	N	2C	150	100	<20	5	N	30	20	N	30	N	200	300	N	20	N
0224	N	3C	100	150	<20	10	N	70	30	N	20	N	300	200	<50	20	N
0408	N	3C	70	70	20	N	N	30	10	N	30	N	700	300	N	30	N
0412	N	3C	100	150	30	N	N	50	15	N	20	N	300	300	N	30	<200
0413	N	3C	100	50	20	N	N	50	15	N	20	N	500	300	N	30	N
0414	N	3C	100	50	20	N	N	30	15	N	20	N	500	300	N	30	N
0415	N	5C	30	20	30	N	N	20	10	N	10	N	300	150	N	20	N
0416	N	1S	30	20	30	N	N	15	20	N	15	N	500	150	N	50	N
0417	N	1S	70	10	50	N	<20	20	15	N	15	N	500	150	N	50	N
0914	N	3C	100	20	50	N	20	20	70	N	15	N	300	200	N	70	N
0915	N	3C	70	15	50	N	30	20	70	N	15	N	500	200	N	70	N
0916	N	5C	150	50	N	N	N	30	50	N	15	N	700	300	N	30	N
0917	N	3C	70	30	50	N	N	20	70	N	15	N	300	200	N	70	N
0918	N	3C	150	30	N	N	N	30	30	N	15	N	300	300	N	30	<200
0919	N	2C	50	10	20	N	N	10	70	N	7	N	300	150	N	30	N
0922	N	3C	150	70	N	N	N	50	70	N	15	N	300	300	N	30	N
0923	N	2C	300	20	20	N	<20	30	50	N	15	N	1,000	300	N	30	N
0925	N	2C	150	20	20	N	N	30	50	N	15	N	700	300	N	50	N
0949	N	5C	500	70	N	N	N	50	50	N	20	N	500	500	N	20	<200
0951	30	5C	70	150	N	N	N	30	2,000	N	30	N	300	700	N	50	5,000
1270	N	2C	70	20	70	5	N	30	10	N	30	N	700	300	N	30	<200
1277	N	2C	70	30	<20	N	N	30	10	N	20	N	300	150	N	20	N
1279	N	1C	70	7	<20	5	N	20	10	N	20	N	200	100	N	30	N
1280	N	1S	50	10	N	5	N	20	15	N	15	N	300	200	N	20	<200
1291	N	2C	70	50	<20	7	N	50	15	N	20	N	200	200	N	30	200
1293	N	3C	150	15	20	10	N	30	20	N	15	N	300	200	N	15	<200

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--continued

Sample	S-ZR	S-TH	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P	CM-W-P	CM-TH-T	SI-F	AC-TH	AC-U	U-INST
0181	70	--	N	15	20	70	N	--	--	--	--	--
0182	100	--	N	10	20	70	<1	3.61	--	8.60	3.61	8.60
0183	70	--	N	10	10	50	N	2.33	--	6.20	2.33	6.20
0184	100	--	N	15	20	80	1	--	--	--	--	--
0185	70	--	N	15	20	80	N	2.63	--	<3.50	2.63	<3.50
0186	100	--	N	10	20	80	N	3.31	--	6.90	3.31	6.90
0187	70	--	--	25	25	75	N	--	--	--	--	--
0188	70	--	N	15	15	55	<1	--	--	--	--	--
0199	100	--	N	35	15	120	<1	--	--	--	--	--
0200	70	--	N	35	15	100	1	--	--	--	--	--
0201	100	--	N	45	20	200	1	--	--	--	--	--
0202	100	--	N	30	15	85	<1	--	--	--	--	--
0203	100	--	N	15	15	35	N	--	--	--	--	--
0206	100	--	--	--	--	--	N	--	--	--	--	--
0207	100	--	N	25	25	85	<1	--	--	--	--	--
0208	100	--	N	15	15	50	<1	--	--	--	--	--
0209	70	--	N	15	10	55	N	--	--	--	--	--
0211	70	--	N	15	15	50	<1	--	--	--	--	--
0222	70	--	N	30	15	65	<1	--	--	--	--	--
0223	70	--	N	55	15	85	<1	--	--	--	--	--
0224	70	--	N	50	25	170	N	--	--	--	--	--
0409	100	N	N	50	25	65	N	--	--	--	--	--
0412	150	N	N	60	30	50	N	--	--	--	--	--
0413	150	N	N	30	20	35	N	--	--	--	--	--
0414	100	N	N	40	25	70	N	2.84	--	5.70	2.84	5.70
0415	50	N	N	25	35	140	N	1.51	--	6.20	1.51	6.20
0416	200	N	N	15	25	110	N	--	--	--	--	--
0417	200	N	.20	10	20	95	<1	4.71	--	6.60	4.71	6.60
0914	300	N	N	10	25	90	<2	--	--	10.70	5.45	--
0915	300	N	N	10	30	90	5	--	--	13.00	6.43	--
0916	100	N	N	20	15	65	N	--	--	<3.90	2.11	--
0917	300	N	N	10	35	130	<2	--	--	9.25	4.93	--
0918	200	N	N	15	20	100	2	--	--	6.40	2.53	--
0919	200	N	N	15	25	75	N	15.00	--	14.40	5.87	2.80
0922	200	N	N	35	25	120	N	--	--	9.87	2.33	--
0923	200	N	N	10	10	40	<2	--	--	5.87	2.23	--
0925	200	N	N	10	15	70	2	--	--	7.58	5.18	--
0949	100	N	N	25	10	50	N	--	--	--	--	--
0950	300	N	.30	70	800	1,200	N	--	--	--	--	--
1270	150	N	N	30	10	50	<1	--	--	--	--	--
1277	200	N	N	35	10	55	N	--	--	--	--	--
1279	150	N	N	10	10	60	<1	--	--	--	--	--
1280	100	N	N	20	10	65	<1	--	--	--	--	--
1281	70	N	N	55	15	150	N	--	--	--	--	--
1282	150	N	--	--	--	--	<1	--	--	--	--	--

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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
1283	56 43 46	133 11 13	3.0	2.0	2.00	.50	1,500	N	N	N	20	500	<1.0	N
1284	56 42 25	133 7 45	3.0	2.0	2.00	.70	2,000	N	N	N	30	500	1.0	N
1285	56 43 53	133 8 59	3.0	2.0	3.00	.50	1,500	<.5	N	N	10	300	<1.0	N
1286	56 41 44	133 4 6	5.0	2.0	2.00	.70	5,000	.5	N	N	20	700	1.0	N
1287	56 42 5	133 5 0	5.0	3.0	3.00	.50	2,000	N	N	N	10	500	1.0	N
1289	56 41 36	133 3 20	3.0	1.5	1.50	.70	2,000	N	N	N	30	700	1.0	N
1291	56 41 47	133 3 15	5.0	3.0	5.00	.50	1,500	N	N	N	20	300	<1.0	N
1367	56 35 0	133 2 0	3.0	1.0	1.50	.50	2,000	N	N	N	20	700	1.0	N
1368	56 31 55	133 2 58	10.0	1.0	1.00	.70	3,000	N	N	N	15	1,000	1.0	N
		Petersburg C5--continued												
C189	56 39 2	133 22 26	5.0	1.0	2.00	.70	>5,000	N	N	N	50	700	1.0	N
C190	56 39 38	133 25 20	5.0	1.0	2.00	.70	1,500	N	N	N	30	1,000	1.0	N
C191	56 39 45	133 25 26	5.0	1.5	2.00	1.00	5,000	N	N	N	50	700	<1.0	N
C192	56 41 0	133 23 55	5.0	1.0	1.50	1.00	1,500	N	N	N	50	700	<1.0	N
C193	56 40 54	133 23 48	5.0	1.0	1.50	1.00	1,000	N	N	N	50	1,000	<1.0	N
C194	56 40 56	133 26 0	5.0	1.5	2.00	>1.00	5,000	N	N	N	30	1,000	N	N
C195	56 41 4	133 25 50	7.0	1.5	1.50	>1.00	2,000	N	N	N	50	1,000	N	N
C196	56 40 43	133 28 50	5.0	1.5	2.00	1.00	>5,000	N	N	N	50	700	<1.0	N
C197	56 40 15	133 28 40	7.0	1.5	5.00	1.00	>5,000	N	N	N	100	700	<1.0	N
C198	56 40 45	133 21 56	5.0	1.5	2.00	1.00	1,500	N	N	N	70	1,000	N	N
C210	56 44 2	133 20 9	3.0	1.0	1.50	.70	3,000	N	N	N	30	1,500	N	N
C212	56 43 47	133 20 5	5.0	1.5	1.50	.70	2,000	N	N	N	50	1,500	N	N
C217	56 43 31	133 23 51	5.0	1.5	2.00	.70	1,500	N	N	N	20	1,000	N	N
C221	56 43 14	133 29 27	5.0	1.0	1.50	1.00	3,000	N	N	N	50	700	<1.0	N
C698	56 33 16	133 38 57	3.0	.2	.50	.50	1,500	N	N	N	10	300	2.0	N
C704	56 30 8	133 23 0	7.0	1.0	1.00	.70	2,000	N	N	N	10	700	1.0	N
C705	56 30 38	133 26 35	7.0	1.0	1.00	.50	2,000	N	N	N	15	700	1.0	N
C705A	56 30 36	133 26 35	5.0	.7	1.00	.50	700	N	N	N	<10	700	1.0	N
C924	56 34 25	133 21 45	10.0	5.0	7.00	1.00	2,000	N	N	N	100	500	2.0	N
C926	56 34 25	133 21 55	10.0	3.0	7.00	1.00	2,000	N	N	N	20	500	2.0	N
C927	56 31 50	133 23 25	10.0	5.0	7.00	1.00	5,000	N	N	N	20	500	2.0	N
C928	56 34 25	133 25 8	10.0	5.0	7.00	1.00	5,000	N	N	N	30	700	3.0	N
C929	56 31 53	133 23 10	10.0	5.0	7.00	1.00	5,000	N	N	N	20	200	2.0	N
C930	56 34 3	133 28 48	10.0	3.0	7.00	.70	3,000	N	N	N	30	500	5.0	N
C931	56 31 48	133 23 1	1.0	3.0	7.00	.70	3,000	N	N	N	30	300	3.0	N
C932	56 34 8	133 29 0	10.0	3.0	7.00	1.00	2,000	N	N	N	20	500	3.0	N
C933	56 33 35	133 26 42	15.0	3.0	7.00	1.00	3,000	N	N	N	20	500	3.0	N
C934	56 32 48	133 28 11	5.0	1.0	2.00	.50	1,000	N	N	N	10	300	3.0	N
C935	56 30 35	133 20 45	15.0	5.0	5.00	.70	>5,000	N	N	N	30	300	10.0	N
C936	56 32 42	133 28 15	7.0	2.0	2.00	.50	1,000	N	N	N	20	500	5.0	N

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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	S-ZN
1283	N	20	100	30	20	N	N	20	20	N	20	N	700	200	N	30	N
1284	N	50	100	30	20	N	N	30	15	N	30	N	500	300	N	30	<200
1285	N	20	70	50	20	N	N	20	10	N	50	N	700	300	N	20	N
1286	N	70	100	70	30	5	N	50	15	N	30	N	500	200	N	30	<200
1287	N	30	100	50	30	<5	N	30	20	N	50	N	1,000	300	N	30	N
1289	N	30	100	50	50	7	N	50	20	N	30	N	500	200	N	30	<200
1291	N	50	100	50	<20	N	N	30	20	N	50	N	700	300	N	20	N
1367	N	10	150	10	<20	N	N	20	10	N	20	N	500	100	N	20	N
1368	N	50	300	70	<20	N	N	50	50	N	50	N	200	300	N	20	<200
								Petersburg C5--continued								
0189	N	20	50	30	20	5	N	30	30	N	15	N	100	150	<50	20	N
0190	N	15	70	20	20	10	<20	20	30	N	15	N	200	150	N	30	N
0191	N	15	70	30	20	10	<20	15	30	N	15	N	300	200	N	20	N
0192	N	15	50	20	20	5	<20	20	30	N	15	N	200	200	N	30	N
0193	N	20	100	30	20	5	<20	30	30	N	15	N	200	200	N	30	N
0194	N	30	100	30	20	N	<20	30	20	N	20	N	200	300	N	30	N
0195	N	30	100	50	20	N	<20	50	20	N	20	N	200	300	N	30	N
0196	N	30	100	20	20	7	<20	20	20	N	15	N	200	200	N	20	N
0197	N	100	70	50	20	5	<20	30	50	N	15	N	300	200	<50	30	N
0198	N	15	70	30	20	N	N	20	20	N	15	N	300	300	N	30	N
0210	N	15	100	30	20	N	N	30	30	N	15	N	200	200	N	20	N
0212	N	15	70	30	<20	N	N	30	15	N	15	N	300	200	N	20	N
0217	N	20	150	50	20	N	N	30	20	N	15	N	200	200	N	20	N
0221	N	15	50	30	20	30	N	50	20	N	15	N	200	200	50	20	N
0698	N	10	50	7	50	N	30	5	20	N	7	N	100	70	N	70	N
0704	N	30	100	15	20	N	<20	20	20	N	10	N	200	150	N	50	<200
0705	N	30	70	100	20	N	<20	15	50	N	7	N	200	100	N	30	<200
0705A	N	15	50	7	50	N	N	15	10	N	7	N	200	100	N	30	N
0924	N	20	100	15	N	N	<20	20	50	N	15	N	700	300	N	70	N
0926	N	20	100	10	20	N	<20	20	30	N	15	N	700	300	N	50	N
0927	N	50	150	50	N	N	N	30	20	N	15	N	500	300	N	50	N
0928	N	30	100	30	50	N	N	30	50	N	15	N	500	300	N	50	N
0929	N	30	200	50	N	N	N	50	15	N	20	N	300	200	N	30	N
0930	N	30	70	20	20	N	<20	20	70	N	10	N	300	300	N	70	N
0931	N	30	100	20	20	N	<20	30	20	N	15	N	300	300	N	50	N
0932	N	30	70	50	20	N	<20	20	50	N	15	N	300	300	N	50	N
0933	N	30	70	30	20	N	<20	20	50	N	15	N	300	300	N	70	N
0934	N	10	30	7	30	N	<20	10	50	N	10	N	200	100	N	70	N
0935	N	30	70	20	100	N	70	20	70	N	15	N	300	200	N	100	200
0936	N	10	50	7	70	N	20	10	70	N	5	N	200	100	N	70	N

55-65

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--continued

Sample	S-ZR	S-TH	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P	CM-W-P	CM-TH-T	SI-F	AC-TH	AC-U	U-INST
1283	100	N	N	40	10	65	N	--	--	--	--	--
1284	100	N	N	45	10	70	N	--	--	--	--	--
1285	50	N	N	55	10	50	N	--	--	--	--	--
1286	100	N	N	70	20	100	N	--	--	--	--	--
1287	70	N	N	65	10	65	N	--	--	--	--	--
1289	100	N	N	65	15	120	N	--	--	--	--	--
1291	70	N	N	70	10	60	N	--	--	--	--	--
1367	100	N	N	20	10	45	N	--	--	--	--	--
1368	50	N	N	50	30	100	N	--	--	--	--	--
						Petersburg C5--continued						
0189	100	--	N	15	25	70	<1	--	--	--	--	--
0190	100	--	N	10	10	45	<1	--	--	--	--	--
0191	100	--	N	10	15	50	1	3.76	--	6.30	3.76	6.30
0192	100	--	N	10	20	60	1	4.32	--	8.90	4.32	8.90
0193	100	--	N	15	20	50	N	5.10	--	14.30	5.10	14.30
0194	100	--	N	15	15	75	<1	3.30	--	6.30	3.30	6.30
0195	100	--	N	20	15	90	<1	2.27	--	5.50	2.27	5.50
0196	100	--	N	10	20	75	<1	2.67	--	8.40	2.67	8.40
0197	100	--	N	15	25	70	--	--	--	--	--	--
0198	70	--	N	15	15	70	<1	2.12	--	<6.20	2.12	<6.20
0210	70	--	N	15	15	65	2	--	--	--	--	--
0212	70	--	N	10	10	50	<1	--	--	--	--	--
0217	100	--	N	15	10	55	<1	--	--	6.43	1.87	--
0221	70	--	N	10	15	70	<1	--	--	--	--	--
0693	500	N	N	5	15	85	2	--	--	12.70	6.11	--
0704	300	N	N	10	15	90	2	--	--	10.90	4.58	--
0705	300	N	--	80	40	120	--	--	--	--	--	--
0705A	300	N	N	5	10	50	<2	--	--	--	--	--
0924	500	N	N	5	10	45	<2	--	--	5.60	2.99	--
0926	300	N	.55	<5	10	35	<2	--	--	8.12	3.62	--
0927	500	N	N	10	10	70	N	--	--	--	--	--
0928	200	N	N	10	15	60	<2	--	--	--	--	--
0929	200	N	N	15	15	80	N	--	--	3.30	1.71	--
0930	300	N	N	10	15	75	<2	39.50	--	--	--	2.80
0931	300	N	N	10	15	95	<2	--	--	6.40	3.61	--
0932	200	N	N	1	10	65	<2	--	--	10.20	4.16	--
0933	200	N	N	15	20	110	<2	25.80	--	10.00	4.34	1.40
0934	300	N	N	<5	15	50	<2	11.30	--	15.20	6.28	4.40
0935	700	N	N	5	20	150	2	--	--	12.10	5.61	--
0936	300	N	N	<5	10	45	<2	12.50	--	18.50	6.92	3.40

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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
C937	56 30 20	133 26 C	15.0	5.0	7.00	1.00	5,000	N	N	N	30	300	3.0	N
C938	56 31 53	133 29 30	7.0	1.0	2.00	.30	1,000	N	N	N	10	300	5.0	N
0939	56 33 15	133 28 45	10.0	3.0	7.00	.50	1,000	N	N	N	15	500	3.0	N
0940	56 33 27	133 28 45	7.0	2.0	2.00	.70	1,500	N	N	N	10	500	3.0	N
0941	56 33 15	133 34 45	10.0	2.0	2.00	.50	2,000	N	N	N	10	300	3.0	N
0942	56 33 10	133 35 10	10.0	2.0	2.00	.50	5,000	N	N	N	15	500	7.0	N
0943	56 33 4	133 36 48	10.0	3.0	2.00	.50	>5,000	N	N	N	30	300	7.0	N
0944	56 31 25	133 39 35	7.0	3.0	5.00	.70	1,500	N	N	N	10	700	3.0	N
C951	56 41 56	133 31 35	15.0	3.0	5.00	1.00	5,000	N	N	N	15	700	2.0	N
C952	56 41 56	133 31 43	10.0	3.0	5.00	1.00	1,500	N	N	N	15	700	2.0	N
C953	56 40 3	133 31 35	15.0	5.0	7.00	1.00	5,000	N	N	N	30	700	2.0	N
0954	56 41 53	133 36 55	15.0	5.0	7.00	1.00	5,000	N	N	N	30	1,000	3.0	N
0955	56 42 1	133 36 58	15.0	3.0	7.00	1.00	3,000	N	N	N	20	1,000	5.0	N
C956	56 41 35	133 38 L	15.0	3.0	7.00	1.00	5,000	N	N	N	15	500	3.0	N
0957	56 41 39	133 37 50	15.0	7.0	7.00	1.00	>5,000	N	N	N	100	700	2.0	N
C958	56 41 55	133 39 45	15.0	7.0	7.00	1.00	5,000	N	N	N	50	1,000	3.0	N
0961	56 37 20	133 32 35	15.0	7.0	7.00	1.00	5,000	N	N	N	20	700	3.0	N
C962	56 37 15	133 32 45	10.0	3.0	5.00	1.00	2,000	N	N	N	10	700	3.0	N
0963	56 33 3	133 29 40	7.0	2.0	2.00	.50	>5,000	N	N	N	20	500	3.0	N
0984	56 36 7	133 29 46	7.0	2.0	2.00	.50	1,000	N	N	N	10	1,000	2.0	N
0985	56 36 47	133 27 45	10.0	3.0	2.00	.70	5,000	N	N	N	100	500	3.0	N
C986	56 36 49	133 27 51	10.0	3.0	2.00	.50	3,000	N	N	N	20	700	3.0	N
0987	56 36 55	133 34 30	7.0	2.0	1.00	.50	2,000	N	N	N	10	500	3.0	N
0988	56 37 0	133 34 25	7.0	3.0	2.00	.70	2,000	N	N	N	20	700	3.0	N
0989	56 36 10	133 34 40	7.0	1.0	1.00	.70	1,500	N	N	N	10	300	3.0	N
C990	56 37 25	133 33 5	10.0	5.0	2.00	1.00	1,500	N	N	N	15	300	1.0	N
C991	56 36 3	133 36 55	7.0	2.0	2.00	.50	3,000	N	N	N	15	500	5.0	N
C992	56 35 51	133 38 13	7.0	3.0	5.00	1.00	1,500	N	N	N	50	700	5.0	N
C993	56 37 29	133 35 20	7.0	2.0	7.00	1.00	2,000	N	N	N	30	500	2.0	N
C994	56 33 39	133 38 55	7.0	1.0	1.00	.50	2,000	N	N	N	15	500	3.0	N
1226	56 33 16	133 33 25	3.0	.5	.70	.50	>5,000	N	N	N	15	300	3.0	N
1231	56 33 26	133 33 28	2.0	.3	.30	.50	1,500	N	N	N	20	200	3.0	N
1235	56 44 31	133 39 42	3.0	.7	1.00	1.00	1,000	N	N	N	15	500	1.0	N

Petersburg C6--continued

C614	56 31 3	133 55 50	10.0	1.0	2.00	1.00	1,500	N	N	N	15	300	1.0	N
C616	56 33 29	133 55 39	7.0	1.0	2.00	1.00	2,000	N	N	N	10	300	2.0	N
C613	56 33 56	133 53 41	7.0	1.0	2.00	.70	1,500	N	N	N	<10	300	1.0	N
C619	56 32 32	133 52 40	10.0	1.0	2.00	1.00	1,500	N	N	N	10	300	1.0	N
C620	56 35 36	133 52 57	10.0	1.0	2.00	1.00	1,500	N	N	N	15	500	2.0	N

55-67

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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	S-ZN
0937	N	5C	1CO	2O	2O	7	N	2O	5O	N	15	N	5OO	3OO	N	5O	2OO
0938	N	1C	5O	1O	1OO	N	3O	1O	7O	N	7	1O	3OO	1OO	N	1OO	N
0939	N	2C	1OO	15	7O	N	<2O	2O	5O	N	15	N	5OO	3OO	N	7O	N
0940	N	1C	7O	1O	7O	N	2O	2O	7O	N	15	N	3OO	2OO	N	7O	N
0941	N	1C	5O	1O	7O	N	<2O	1O	7O	N	1O	N	3OO	1OO	N	7O	N
0942	N	2C	5O	15	15O	N	1CO	5	7O	N	1O	15	2OO	2OO	N	2OO	3OO
0943	N	3C	5O	2O	7O	N	3O	5	1OO	N	7	1O	2OO	2OO	N	7O	<2OO
0944	N	1C	5O	1O	1OO	N	5O	5	5O	N	1O	2O	3OO	3OO	N	7O	N
0951	N	3C	15O	2O	N	N	N	15	7O	N	15	N	3OO	2OO	N	3O	<2OO
0952	N	2C	7O	15	N	N	N	2O	5O	N	15	N	3OO	2OO	N	5O	<2OO
0953	N	5C	15O	3O	2O	N	N	3O	3O	N	15	N	3OO	3OO	N	5O	<2OO
0954	N	3C	1OO	3O	2O	N	N	3O	5O	N	15	N	3OO	2OO	N	5O	<2OO
0955	N	3C	1OO	3O	2O	N	N	2O	7O	N	15	N	5OO	2OO	N	5O	<2OO
0956	N	3C	7O	2O	2O	N	N	2O	3O	N	15	N	3OO	2OO	N	2O	<2OO
0957	N	5C	1OO	5O	2O	N	N	3O	5O	N	2O	N	3OO	3OO	N	2O	<2OO
0958	N	5C	7O	3O	2O	N	N	2O	7O	N	2O	N	3OO	3OO	N	3O	<2OO
0961	N	3C	7O	2O	2O	N	N	2O	5O	N	2O	N	3OO	2OO	N	5O	<2OO
0962	N	2C	7O	1O	3O	N	N	2O	7O	N	15	N	2OO	2OO	N	5O	<2OO
0963	N	5C	1OO	2O	5O	N	N	3O	2O	N	1O	N	2OO	2OO	N	2O	N
0934	N	2C	7O	7	2O	N	<2O	15	1O	N	1O	N	3OO	15O	N	3O	N
0985	N	5C	1OO	3O	N	N	N	3O	2O	N	15	N	3OO	2OO	N	2O	N
0986	N	3C	7O	15	2OO	N	<2O	2O	5O	N	15	N	2OO	15O	N	3O	N
0987	N	3C	5O	2O	5O	N	N	15	2O	N	1O	N	2OO	1OO	N	7O	N
0988	N	3C	7C	15	3O	N	N	2O	3O	N	15	N	2OO	2OO	N	3O	N
0989	N	1C	5O	15	3O	N	N	5	5O	N	1O	N	2OO	15O	N	7O	N
0990	N	5C	7O	3O	N	N	N	3O	2O	N	2O	N	3OO	2OO	N	3O	N
0991	N	2C	5O	1O	1OO	N	2O	15	7O	N	15	N	3OO	1OO	N	7O	<2OO
0992	N	2C	7O	15	5O	N	N	2O	3O	N	2O	N	3OO	2OO	N	7O	N
0993	N	3C	7O	2O	N	N	N	2O	3O	N	15	N	5OO	2OO	N	3O	N
0994	N	2C	7O	1OO	2O	N	5O	1O	7O	N	1O	N	2OO	1OO	N	7O	N
1228	N	5C	5O	1O	5O	1O	<2O	1O	5O	N	2O	N	2OO	1OO	N	7O	<2OO
1231	N	1C	5O	5	7O	<5	3O	5	2O	N	15	N	1OO	1OO	N	1OO	<2OO
1235	N	3C	7O	1C	2O	N	<2O	2O	1O	N	3O	N	3OO	2OO	N	3O	<2OO

Petersburg C6--continued

C614	N	2C	7O	3O	2O	N	N	15	1O	N	2O	N	3OO	2OO	N	5O	N
C616	N	15	15	15	3O	N	N	5	1O	N	2O	N	5OO	2OO	N	5O	N
C618	N	2C	3O	1O	2O	N	N	1O	1O	N	15	N	3OO	2OO	N	3O	N
C619	N	2O	3O	2O	2O	N	N	1O	<1O	N	2O	N	5OO	2OO	N	5O	N
C62?	N	15	5O	15	2O	N	N	2O	1O	N	15	N	5OO	2OO	N	5O	N

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--continued

Sample	S-ZR	S-TH	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P	CM-W-P	CM-TH-T	SI-F	AC-TH	AC-U	U-INST
C937	300	N	N	5	10	65	<2	--	--	7.80	4.50	--
C938	300	N	N	<5	15	55	2	12.60	--	19.90	7.03	4.20
C939	300	N	N	<5	10	35	<2	--	--	9.44	4.58	--
C940	300	N	.50	<5	15	50	<2	--	--	13.80	5.31	--
C941	300	N	N	<5	20	70	<2	13.00	--	--	--	2.40
C942	1,000	N	N	5	25	180	2	19.00	--	17.00	6.61	3.80
C943	300	N	N	10	35	140	<2	--	--	--	--	--
C944	500	N	N	5	10	80	<2	--	--	13.60	4.92	--
C951	300	N	N	5	15	60	<2	--	--	7.40	2.77	--
C952	200	N	N	5	10	50	<2	--	--	10.40	4.42	--
C953	200	N	N	10	15	70	N	--	--	6.60	2.21	--
C954	300	N	N	10	10	50	<2	--	--	8.90	3.28	--
C955	200	N	N	5	10	50	<2	--	--	8.91	4.29	--
C956	300	N	N	5	15	85	<2	--	--	4.70	2.28	--
C957	300	N	N	5	10	70	<2	--	--	--	--	--
C958	300	N	N	<5	10	55	2	--	--	--	--	--
C961	300	N	N	5	15	65	<2	--	--	9.90	3.50	--
C962	300	N	N	<5	10	55	<2	--	--	13.00	4.65	--
C963	200	N	N	10	20	80	N	--	--	--	--	--
C964	300	N	N	N	10	40	<2	--	--	9.14	2.98	--
C985	200	N	N	10	20	90	N	--	--	--	--	--
C986	200	N	N	5	20	70	<2	--	--	--	--	--
C987	300	N	N	<5	10	60	<2	--	--	9.94	4.29	--
C988	100	N	N	<5	10	75	<2	--	--	--	--	--
C989	500	N	N	5	15	85	2	--	--	12.50	5.06	--
C990	200	N	N	10	10	90	<2	--	--	6.40	1.88	--
C991	500	N	N	5	10	75	2	--	--	--	--	--
C992	300	N	N	5	10	70	<2	--	--	--	--	--
C993	200	N	N	10	10	95	<2	--	--	--	--	--
C994	300	N	N	20	15	65	2	--	--	--	--	--
1228	300	N	N	20	40	100	N	--	--	--	--	--
1231	300	N	N	10	15	100	1	--	--	14.30	5.71	--
1235	200	N	N	10	10	100	N	--	--	7.77	2.42	--

Petersburg C6--continued

C614	200	N	N	20	20	120	N	2.32	--	5.99	2.32	5.99
C616	200	N	N	10	15	90	N	3.89	--	8.10	3.89	8.13
C618	200	N	N	10	15	90	N	2.84	--	7.43	2.84	7.43
C619	200	N	N	10	15	100	N	2.39	--	7.10	2.39	7.10
C620	500	N	N	10	20	80	N	3.97	--	6.80	3.97	6.80

55-69

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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
0621	56 33 49	133 55 5	7.0	1.0	2.00	1.00	3,000	N	N	N	15	500	2.0	N
0622	56 36 2	133 55 43	7.0	1.0	3.00	1.00	1,000	N	N	N	10	700	2.0	N
0623	56 37 6	133 56 20	7.0	.7	2.00	1.00	1,500	N	N	N	10	500	2.0	N
0624	56 36 46	133 59 30	7.0	1.0	2.00	1.00	1,000	N	N	N	10	700	3.0	N
0625	56 36 55	133 53 59	7.0	1.0	2.00	1.00	1,500	N	N	N	15	500	2.0	N
0626	56 37 3	133 56 0	5.0	.7	.70	1.00	1,000	N	N	N	10	500	2.0	N
0629	56 36 42	133 48 51	10.0	1.0	2.00	1.00	5,000	N	N	N	15	500	1.0	N
0630	56 36 5	133 47 50	10.0	2.0	3.00	1.00	>5,000	N	N	N	10	500	1.0	N
0631	56 33 43	133 46 27	10.0	1.0	2.00	1.00	5,000	N	N	N	10	500	2.0	N
0632	56 34 52	133 43 23	15.0	2.0	2.00	1.00	5,000	N	N	N	15	300	1.0	N
0633	56 37 21	133 43 45	10.0	1.0	2.00	1.00	1,500	N	N	N	10	500	1.0	N
0634	56 37 43	133 44 15	10.0	1.0	2.00	1.00	1,500	N	N	N	15	500	1.0	N
0635	56 39 8	133 42 14	10.0	2.0	2.00	1.00	2,000	N	N	N	15	700	1.0	N
0636	56 40 10	133 45 35	15.0	1.0	2.00	1.00	1,000	N	N	N	10	500	1.0	N
0637	56 41 8	133 42 27	15.0	2.0	2.00	1.00	5,000	N	N	N	10	500	1.0	N
0638	56 40 1	133 46 20	15.0	2.0	2.00	1.00	3,000	N	N	N	10	300	1.0	N
0639	56 43 10	133 46 15	10.0	1.0	2.00	1.00	2,000	N	N	N	20	500	1.0	N
0640	56 42 0	133 46 54	10.0	1.0	2.00	1.00	5,000	N	N	N	10	300	1.0	N
0641	56 44 0	133 45 50	10.0	2.0	2.00	1.00	3,000	N	N	N	10	300	1.0	N
0642	56 42 0	133 46 55	7.0	.7	1.00	1.00	5,000	N	N	N	10	300	2.0	N
0644	56 44 42	133 45 7	10.0	2.0	2.00	1.00	5,000	N	N	N	20	300	2.0	N
0645	56 44 24	133 51 48	15.0	2.0	2.00	>1.00	3,000	N	N	N	20	300	2.0	N
0647	56 40 20	133 53 40	7.0	1.0	1.00	.70	5,000	N	N	N	20	300	2.0	N
0649	56 40 5	133 50 56	10.0	1.0	2.00	1.00	2,000	N	N	N	10	300	1.0	N
0650	56 42 57	133 52 57	10.0	2.0	1.00	1.00	5,000	N	N	N	15	300	2.0	N
0651	56 43 35	133 56 26	5.0	1.0	1.00	.70	2,000	N	N	N	30	500	5.0	N
0652	56 40 23	133 52 45	10.0	1.0	1.00	1.00	3,000	N	N	N	15	500	1.0	N
0653	56 40 51	133 57 19	10.0	2.0	1.00	.50	1,500	N	N	N	20	300	2.0	N
0654	56 38 20	133 56 25	15.0	2.0	2.00	1.00	2,000	N	N	N	10	200	1.0	N
0655	56 42 15	133 53 58	10.0	1.0	2.00	1.00	5,000	N	N	N	20	300	2.0	N
0656	56 38 24	133 52 15	10.0	1.0	2.00	1.00	>5,000	N	N	N	15	300	2.0	N
0657	56 39 27	133 57 0	7.0	.5	1.00	1.00	3,000	N	N	N	15	500	2.0	N
0658	56 37 47	133 59 49	7.0	1.0	2.00	1.00	1,000	N	N	N	10	500	2.0	N
0696	56 31 28	133 46 10	3.0	.3	.50	.50	1,000	N	N	N	10	500	2.0	N
0697	56 31 33	133 48 2	2.0	.2	.20	.50	5,000	N	N	N	<10	200	5.0	N

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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	S-ZN
D621	N	30	20	20	30	N	N	10	10	N	15	N	500	200	N	50	N
D622	N	15	30	15	50	N	20	5	10	N	15	N	500	200	N	50	N
D623	N	20	30	15	50	N	N	7	<10	N	15	N	300	200	N	50	N
D624	N	10	10	5	50	N	<20	5	15	N	15	N	300	150	N	50	N
D625	N	20	20	20	30	N	N	7	15	N	15	N	300	200	N	70	N
D626	N	15	50	20	50	N	N	10	15	N	15	N	300	200	N	50	N
D629	N	20	20	15	20	N	N	10	<10	N	15	N	500	200	N	30	N
D630	N	50	50	15	20	N	N	15	10	N	15	N	500	200	N	20	N
D631	N	20	70	20	20	N	N	20	10	N	15	N	700	200	N	30	N
D632	N	30	50	20	20	N	N	50	10	N	15	N	700	200	N	30	N
D633	N	15	50	10	20	N	N	10	10	N	20	N	700	200	N	50	N
D634	N	20	70	20	20	N	N	20	10	N	15	N	500	200	N	30	N
D635	N	30	500	30	20	N	N	50	10	N	20	N	500	200	N	50	N
D636	N	20	70	10	20	N	N	20	10	N	20	N	700	200	N	30	N
D637	N	50	70	30	20	N	N	50	10	N	20	N	500	200	N	30	N
D638	N	30	30	20	20	N	N	10	10	N	15	N	500	200	N	30	N
D639	N	30	50	20	20	N	N	10	10	N	20	N	500	200	N	30	N
D641	N	30	50	20	20	N	N	10	10	N	15	N	500	200	N	30	N
D642	N	30	20	10	20	N	N	5	10	N	15	N	300	200	N	20	N
D644	N	30	20	20	20	7	N	10	10	N	15	N	500	200	N	30	N
D645	N	30	50	30	20	N	N	20	10	N	20	N	500	200	N	30	N
D647	N	30	30	20	20	N	N	15	15	N	15	N	300	200	N	30	N
D649	N	30	30	15	20	N	N	20	10	N	15	N	300	200	N	30	N
D650	N	30	50	20	20	N	N	15	20	N	15	N	300	200	N	30	N
D651	N	20	50	20	20	N	N	20	20	N	15	N	200	150	N	50	N
D652	N	20	50	30	20	N	N	15	15	N	15	N	300	200	N	30	N
D653	N	20	100	30	20	N	N	50	15	N	15	N	300	100	N	30	<200
D654	N	30	50	30	20	N	N	20	10	N	20	N	500	300	N	50	N
D655	N	30	50	20	50	N	N	20	15	N	15	N	500	200	N	50	N
D656	N	50	30	20	20	N	N	20	10	N	15	N	500	200	N	50	N
D657	N	20	30	20	20	N	N	15	10	N	15	N	200	150	N	50	N
D658	N	15	20	15	50	N	<20	5	10	N	15	N	500	150	N	50	200
D696	N	10	50	15	50	N	30	10	30	N	7	N	100	100	N	50	N
D697	N	10	N	5	50	N	20	5	10	N	7	N	100	70	N	50	N

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--continued

Sample	S-ZR	S-TH	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P	CM-W-P	CM-TH-T	SI-F	AC-TH	AC-U	U-INST
D621	500	N	N	10	20	80	N	--	--	--	--	--
D622	700	N	N	5	10	60	N	4.08	--	8.37	4.08	8.37
D623	200	N	N	5	15	75	N	5.66	--	6.10	5.66	6.10
D624	500	N	N	<5	20	55	N	6.48	--	12.50	6.48	12.50
D625	200	N	N	10	20	120	N	3.20	--	6.00	3.20	6.00
D626	200	N	N	15	25	95	N	6.70	--	<4.40	6.70	<4.40
D629	200	N	N	10	15	100	N	3.60	--	<4.70	3.60	<4.70
D630	150	N	N	10	20	90	N	2.30	--	<5.00	2.30	<5.00
D631	200	N	N	5	10	70	N	2.83	--	5.40	2.83	5.40
D632	150	N	N	15	20	90	N	2.14	--	3.30	2.14	3.30
D633	200	N	N	5	10	85	N	2.78	--	4.50	2.78	4.50
D634	200	N	N	10	20	70	N	2.18	--	4.80	2.18	4.80
D635	200	N	N	15	20	85	N	2.52	--	5.00	2.52	5.00
D636	150	N	N	5	20	55	N	2.36	--	6.00	2.36	6.00
D637	300	N	N	10	20	80	N	2.18	--	5.53	2.18	5.53
D638	150	N	N	5	20	80	N	--	--	--	--	--
D639	200	N	N	10	20	80	N	2.21	--	4.80	2.21	4.80
D641	200	N	N	10	20	100	N	1.48	--	<4.10	1.48	<4.10
D642	200	N	N	10	20	85	N	2.05	--	<5.10	2.05	<5.10
D643	150	N	N	10	20	100	N	1.76	--	<3.80	1.76	<3.80
D644	150	N	N	5	20	70	N	--	--	--	--	--
D645	200	N	N	10	15	100	N	2.13	--	<3.40	2.13	<3.40
D647	200	N	N	10	20	95	N	28.00	--	--	--	1.70
D649	200	N	N	10	15	110	N	1.39	--	4.20	1.39	4.20
D650	200	N	N	10	15	95	N	3.63	--	6.90	3.63	6.90
D651	200	N	N	10	20	110	<1	--	--	--	--	--
D652	200	N	N	10	20	100	N	2.21	--	<4.50	2.21	<4.50
D653	150	N	N	20	15	100	N	--	--	--	--	--
D654	700	N	N	10	15	100	N	1.13	--	4.50	1.13	4.50
D655	200	N	N	10	20	110	N	--	--	--	--	--
D656	200	N	N	10	15	100	N	1.67	--	4.70	1.67	4.70
D657	500	N	N	15	20	100	N	2.20	--	5.90	2.20	5.90
D658	1,000	N	N	5	15	55	N	4.31	--	8.71	4.31	8.71
D696	300	N	N	5	15	75	2	--	--	10.30	4.77	--
D697	300	N	N	10	20	190	2	--	--	11.00	5.34	--

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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
0959	56 44 15	133 40 0	15.0	7.0	7.00	1.00	>5,000	N	N	N	50	1,000	3.0	N
0960	56 44 23	133 40 3	15.0	5.0	7.00	1.00	3,000	N	N	N	30	700	2.0	N
1084	56 33 10	133 59 20	3.0	1.0	1.00	1.00	1,000	N	N	N	<10	300	2.0	N
1091	56 33 30	133 57 56	2.0	.7	.50	.70	1,500	N	N	N	10	300	1.5	N
					Petersburg D1--continued									
0373	56 46 32	132 6 30	15.0	3.0	10.00	.70	1,500	N	N	N	10	1,000	1.0	N
0374	56 46 14	132 7 50	7.0	1.0	5.00	.50	1,000	N	N	N	<10	1,500	1.0	N
1021	56 48 30	132 1 11	2.0	.7	2.00	.20	500	N	N	N	<10	1,500	1.5	N
1025	56 45 42	132 1 22	7.0	.7	2.00	.50	700	N	N	N	N	1,000	1.0	N
					Petersburg D2--continued									
1309	56 56 5	132 38 50	3.0	2.0	2.00	.50	1,000	N	N	N	<10	1,000	1.5	N
1320	56 51 52	132 35 43	3.0	2.0	2.00	.70	1,000	<.5	N	N	10	1,000	1.0	N
1321	56 51 59	132 37 28	5.0	2.0	2.00	.70	1,000	N	N	N	15	700	1.0	N
1322	56 52 2	132 35 47	5.0	2.0	3.00	.50	1,000	N	N	N	<10	500	1.0	N
1325	56 52 55	132 39 23	10.0	2.0	3.00	1.00	2,000	N	N	N	<10	500	<1.0	N
1327	56 53 4	132 39 30	5.0	2.0	2.00	.50	1,500	N	N	N	<10	1,000	1.0	N
1331	56 50 49	132 39 38	3.0	1.0	1.50	.50	2,000	N	N	N	50	700	1.0	N
1339	56 47 34	132 35 25	3.0	1.5	1.00	.70	1,500	<.5	N	N	50	700	1.0	N
1341	56 46 23	132 36 21	2.0	1.5	1.00	.50	1,000	N	N	N	30	500	1.0	N
1342	56 46 33	132 31 12	3.0	1.5	1.00	.50	1,500	<.5	N	N	50	700	1.0	N
1343	56 47 30	132 30 47	3.0	1.5	2.00	.70	1,500	N	N	N	30	700	1.0	N
1344	56 45 24	132 31 46	2.0	1.0	1.00	.50	700	<.5	N	N	30	700	1.0	N
1345	56 47 31	132 30 57	3.0	1.5	2.00	.50	1,000	N	N	N	10	1,000	1.0	N
1346	56 47 33	132 27 24	5.0	2.0	1.50	.50	2,000	N	N	N	<10	1,000	1.0	N
1347	56 49 15	132 31 15	3.0	1.5	2.00	.50	1,000	N	N	N	<10	1,000	1.0	N
1348	56 45 53	132 25 51	5.0	2.0	1.50	1.00	2,000	<.5	N	N	20	700	1.5	N
1349	56 49 15	132 26 27	7.0	2.0	2.00	.50	1,500	N	N	N	N	1,000	1.0	N
1350	56 45 53	132 25 41	5.0	2.0	3.00	.70	1,500	N	N	N	<10	1,000	1.0	N
1351	56 48 47	132 22 17	15.0	1.5	2.00	.50	1,000	N	N	N	N	700	<1.0	N
1352	56 46 5	132 23 2	5.0	1.5	2.00	1.00	2,000	N	N	N	<10	1,000	1.0	N
1353	56 46 3	132 27 54	5.0	1.5	1.00	.70	2,000	<.5	N	N	15	700	1.0	N
1396	56 49 30	132 27 32	5.0	2.0	2.00	.50	1,000	N	N	N	<10	1,000	1.5	N
1397	56 47 40	132 36 10	3.0	1.5	.50	.50	1,000	N	N	N	70	500	1.0	N
1398	56 48 10	132 32 25	3.0	1.5	1.00	.50	2,000	N	N	N	30	500	1.0	N
1399	56 47 15	132 28 47	5.0	1.0	1.50	.50	1,500	.5	N	N	10	1,000	2.0	N

55-73

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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	S-ZN
0959	N	10C	100	50	20	N	N	30	50	N	20	N	300	300	N	50	<200
0960	N	3C	10C	50	20	N	N	20	50	N	20	N	500	300	N	50	<200
1084	N	2C	30	10	20	<5	<20	10	10	N	30	N	300	150	N	50	<200
1091	N	15	30	7	<20	5	<20	5	15	N	20	N	200	100	N	30	<200
							Petersburg D1--continued										
0373	N	3C	15C	7C	5C	N	N	50	10	N	30	N	1,000	300	N	50	N
0374	N	1C	10	5	15C	N	N	5	20	N	15	N	1,000	150	N	70	N
1021	N	5	N	<5	50	N	N	<5	30	N	1C	N	1,000	70	N	15	<200
1025	N	7	15	<5	200	N	20	N	20	N	20	N	700	150	N	50	N
							Petersburg D2--continued										
1309	N	2C	5C	15	5C	N	N	20	20	N	30	N	700	150	N	20	<200
1320	N	3C	15C	5C	20	5	N	50	15	N	30	N	300	200	N	30	<200
1321	N	2C	10C	30	30	<5	N	50	10	N	30	N	500	200	N	50	N
1322	N	2C	10C	2C	100	N	<20	30	10	N	30	N	300	200	N	50	N
1325	N	3C	15C	7	15C	N	<20	20	<10	N	50	N	500	300	N	70	<200
1327	N	2C	7C	15	3C	5	N	2C	10	N	2C	N	500	150	N	20	<200
1331	N	2C	5C	2C	3C	N	N	2C	1C	N	2C	N	500	200	N	30	<200
1339	N	2C	7C	3C	<2C	5	N	3C	15	N	2C	N	300	200	N	20	200
1341	N	15	15C	15	<2C	<5	N	5C	1C	N	2C	N	500	150	N	20	<200
1342	N	2C	20C	3C	7C	<5	N	5C	1C	N	3C	N	500	150	N	20	<200
1343	N	15	7C	2C	70	N	N	20	10	N	30	N	500	200	N	30	<200
1344	N	1C	15C	7	3C	N	N	30	1C	N	2C	N	500	150	N	20	N
1345	N	15	7C	1C	5C	5	N	20	1C	N	20	N	500	100	N	50	N
1346	N	3C	20C	5C	5C	7	N	7C	15	N	30	N	300	300	N	50	200
1347	N	2C	5C	1C	10C	N	N	30	1C	N	2C	N	500	100	N	30	N
1348	N	2C	2CC	20C	7C	N	<20	50	15	N	30	N	500	200	N	50	<200
1349	N	2C	5C	7	20C	N	N	10	15	N	30	N	700	300	N	30	<200
1350	N	2C	7C	1C	7C	N	N	2C	1C	N	30	N	1,000	200	N	50	<200
1351	N	3C	15C	7	7C	N	N	5	1C	N	5C	N	700	700	N	30	<200
1352	N	2C	10C	1C	3C	N	<20	30	2C	N	3C	N	700	200	N	50	<200
1353	N	2C	10C	2C	2C	5	N	5C	15	N	3C	N	500	200	N	30	200
1396	N	2C	7C	15	15C	N	N	20	15	N	2C	N	700	150	N	20	N
1397	N	2C	10C	2C	3C	N	N	50	15	N	15	N	300	100	N	20	N
1398	N	15	5C	2C	N	<5	N	20	1C	N	15	N	500	100	N	20	N
1399	N	3C	5C	30	2C	5	N	30	2C	N	15	N	500	150	N	50	300

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--continued

Sample	S-ZR	S-TH	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P	CM-W-P	CM-TH-T	SI-F	AC-TH	AC-U	U-INST
0959	300	N	N	10	15	65	<2	--	--	8.60	2.52	--
0960	300	N	N	10	10	75	N	--	--	6.20	2.78	--
1084	300	N	N	15	10	90	N	--	--	6.44	2.21	--
1091	200	N	N	10	15	80	N	--	--	7.11	3.97	--
						Petersburg D1--continued						
0373	100	N	N	30	10	35	N	2.78	--	7.83	2.78	7.83
0374	100	N	N	5	10	30	N	4.45	--	16.20	4.45	16.20
1021	100	N	N	<5	5	30	N	--	--	--	--	--
1025	300	N	N	<5	5	25	<1	--	--	--	--	--
						Petersburg D2--continued						
1309	150	N	N	15	5	50	N	--	--	--	--	--
1320	100	N	N	40	10	100	1	--	--	--	--	--
1321	150	N	N	35	10	85	<1	--	--	--	--	--
1322	500	N	N	20	10	40	<1	--	--	--	--	--
1325	1,000	N	N	10	5	25	2	--	--	--	--	--
1327	150	N	N	20	5	50	N	--	--	--	--	--
1331	150	N	N	25	10	110	<1	--	--	--	--	--
1339	150	N	N	25	10	160	N	--	--	--	--	--
1341	150	N	N	20	10	95	<1	--	--	--	--	--
1342	70	N	N	25	10	90	<1	--	--	--	--	--
1343	150	N	N	25	10	90	<1	--	--	--	--	--
1344	200	N	N	5	10	40	N	--	--	--	--	--
1345	200	N	N	20	10	60	1	--	--	--	--	--
1346	100	N	N	<5	15	220	2	--	--	--	--	--
1347	200	N	N	20	5	55	<1	--	--	--	--	--
1348	100	N	N	25	10	80	1	--	--	--	--	--
1349	200	N	N	15	5	45	N	--	--	--	--	--
1350	200	N	N	15	5	45	10	--	--	--	--	--
1351	700	N	N	5	5	20	2	--	--	--	--	--
1352	200	N	N	15	10	70	1	--	--	--	--	--
1353	150	N	N	30	10	120	1	--	--	--	--	--
1396	100	N	N	15	10	50	N	--	--	--	--	--
1397	100	N	N	35	15	75	N	--	--	--	--	--
1398	70	N	N	35	10	80	N	--	--	--	--	--
1399	100	N	N	45	20	300	N	--	--	--	--	--

55-75

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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
1400	56 47 10	132 28 25	3.0	1.5	1.50	.50	1,000	N	N	N	15	700	1.5	N
1401	56 47 23	132 28 10	3.0	1.5	1.00	.30	1,500	N	N	N	10	500	1.5	N
						Petersburg D3--continued								
1244	56 47 10	132 59 32	2.0	1.0	2.00	.50	1,500	N	N	N	20	200	1.0	N
1269	56 54 15	132 58 22	3.0	1.0	2.00	.70	2,000	N	N	N	20	300	1.0	N
1270	56 53 59	132 58 14	5.0	1.5	1.50	.70	1,500	N	N	N	15	500	1.0	N
1271	56 52 37	132 58 49	3.0	1.0	1.00	.50	2,000	N	N	N	30	500	<1.0	N
1272	56 51 21	132 56 50	5.0	1.5	2.00	.50	3,000	N	N	N	20	500	1.0	N
1273	56 52 45	132 58 47	3.0	1.0	1.50	.50	2,000	N	N	N	30	500	1.0	N
1274	56 45 15	132 58 42	3.0	1.0	1.50	.70	2,000	.5	N	N	30	700	1.0	N
1275	56 50 30	132 56 30	3.0	1.0	1.50	.50	1,500	N	N	N	30	500	1.0	N
1290	56 46 44	132 55 5	5.0	2.0	3.00	1.00	2,000	N	N	N	15	500	1.5	N
1292	56 45 10	132 51 5	3.0	1.5	1.00	.50	1,000	N	N	N	30	500	1.0	N
1293	56 47 43	132 51 45	5.0	3.0	2.00	.70	1,500	N	N	N	20	500	1.0	N
1295	56 46 6	132 48 49	3.0	1.5	1.50	.50	1,500	N	N	N	20	500	1.0	N
1297	56 46 11	132 48 42	2.0	2.0	1.00	.50	700	N	N	N	30	300	1.0	N
1299	56 45 2	132 47 34	2.0	1.0	.70	.50	700	N	N	N	50	500	<1.0	N
1305	56 58 25	132 46 54	5.0	2.0	3.00	.70	1,500	N	N	N	<10	500	1.0	N
1306	56 59 30	132 47 10	5.0	2.0	2.00	.70	1,500	N	N	N	<10	700	1.0	N
1307	56 59 20	132 43 33	5.0	1.5	3.00	.50	1,000	N	N	N	N	1,000	1.0	N
1308	56 59 44	132 40 5	3.0	1.5	2.00	.50	1,000	N	N	N	<10	1,000	1.0	N
1310	56 56 20	132 40 28	3.0	1.5	2.00	.50	1,000	N	N	N	<10	1,000	1.5	N
1311	56 56 35	132 41 35	2.0	1.5	2.00	.50	700	N	N	N	<10	1,500	1.0	N
1313	56 56 47	132 42 56	3.0	1.5	2.00	.50	700	N	N	N	<10	1,500	<1.0	N
1314	56 57 6	132 47 0	3.0	1.5	3.00	.50	1,000	<.5	N	N	<10	1,000	1.5	N
1315	56 57 20	132 44 20	3.0	1.5	3.00	.30	1,000	N	N	N	<10	1,000	1.0	N
1316	56 55 23	132 49 4	2.0	1.5	3.00	.50	1,000	N	N	N	<10	1,000	1.0	N
1317	56 56 33	132 44 35	3.0	1.0	2.00	.30	700	N	N	N	15	1,500	1.5	N
1318	56 54 36	132 44 26	3.0	2.0	3.00	.50	1,000	N	N	N	<10	700	<1.0	N
1319	56 55 22	132 51 7	7.0	1.0	1.50	.50	700	N	N	N	10	1,000	1.0	N
1323	56 53 11	132 42 12	3.0	1.0	1.00	.30	1,500	N	N	N	30	300	<1.0	N
1324	56 53 29	132 41 12	5.0	2.0	2.00	.50	1,500	N	N	N	<10	500	1.0	N
1326	56 51 53	132 41 54	5.0	1.5	1.50	.50	1,500	<.5	N	N	20	700	1.0	N
1328	56 57 6	132 52 20	5.0	1.5	2.00	.50	700	<.5	N	N	10	1,000	1.0	N
1329	56 53 9	132 41 56	3.0	1.5	1.50	.30	1,500	<.5	N	N	50	700	1.0	N
1331	56 57 56	132 54 40	2.0	.7	1.00	.30	1,000	N	N	N	15	1,000	1.0	N
1332	56 59 33	132 54 54	7.0	.5	1.50	.30	2,000	N	N	N	<10	1,000	1.0	N
1333	56 59 2	132 52 8	10.0	.7	1.00	.20	>5,000	N	N	N	10	1,000	1.0	N
1334	56 54 29	132 46 40	3.0	1.5	1.00	.50	1,500	N	N	N	20	700	1.0	N
1335	56 59 33	132 50 56	5.0	.7	1.00	.20	1,000	N	N	N	<10	1,000	1.0	N
1336	56 53 22	132 47 51	3.0	1.0	.70	.30	1,500	N	N	N	30	500	1.0	N
1337	56 51 10	132 42 10	3.0	1.0	1.00	.50	2,000	N	N	N	20	500	1.0	N
1338	56 51 53	132 47 44	3.0	1.0	.30	.50	2,000	N	N	N	20	500	1.0	N

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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	S-ZN
1400	N	20	100	50	30	N	N	50	15	N	20	N	300	150	N	30	200
1401	N	20	70	50	N	<5	N	30	10	N	15	N	300	150	N	20	<200
								Petersburg 03--continued								
1244	N	15	70	10	50	N	N	30	10	N	30	N	700	150	N	30	N
1269	N	15	70	10	20	N	N	30	15	N	30	N	700	150	N	50	<200
1270	N	20	70	20	20	N	N	30	15	N	30	N	500	200	N	30	<200
1271	N	15	50	15	20	N	N	20	10	N	20	N	500	200	N	50	<200
1272	N	20	50	10	20	N	N	20	30	N	20	N	1,000	200	N	30	<200
1273	N	15	70	7	100	N	N	20	20	N	30	N	700	150	N	50	N
1274	N	20	100	20	20	N	N	30	20	N	30	N	500	200	N	50	<200
1275	N	15	300	15	20	N	N	20	30	N	20	N	500	200	N	30	N
1290	N	20	150	7	100	N	<20	30	20	N	50	N	1,000	300	N	100	<200
1292	N	20	200	10	20	N	N	50	15	N	30	N	500	200	N	30	<200
1293	N	30	300	20	50	N	N	70	20	N	50	N	700	200	N	50	<200
1295	N	20	200	10	70	N	N	70	10	N	30	N	500	200	N	50	<200
1297	N	15	200	15	20	N	N	50	15	N	30	N	300	200	N	30	N
1299	N	10	100	15	<20	N	N	50	10	N	20	N	200	150	N	20	N
1305	N	30	300	15	70	N	<20	50	10	N	50	N	500	200	N	50	N
1306	N	20	100	30	50	N	N	50	10	N	50	N	500	200	N	50	<200
1307	N	20	50	5	70	N	N	10	20	N	50	N	500	200	N	30	N
1308	N	15	50	7	100	N	N	15	20	N	30	N	500	150	N	30	N
1310	N	20	50	20	50	N	N	20	15	N	20	N	500	150	N	20	<200
1311	N	15	70	10	50	5	N	30	15	N	30	N	500	200	N	50	<200
1313	N	10	50	7	70	N	N	20	15	N	30	N	700	150	N	20	N
1314	N	15	50	15	100	N	N	20	20	N	30	N	700	150	N	30	N
1315	N	15	30	15	50	<5	N	20	15	N	20	N	700	150	N	30	<200
1316	N	15	50	5	50	N	N	20	15	N	30	N	500	150	N	30	N
1317	N	15	50	15	50	<5	N	30	20	N	20	N	500	150	N	30	N
1318	N	15	70	15	50	N	N	20	15	N	30	N	500	200	N	50	N
1319	N	20	50	30	30	5	N	30	10	N	30	N	300	150	N	50	<200
1323	N	20	50	15	30	N	N	20	10	N	20	N	300	150	N	20	N
1324	N	20	100	7	200	N	N	20	10	N	30	N	500	200	N	100	<200
1326	N	20	70	30	20	7	N	30	10	N	30	N	500	200	N	20	<200
1328	N	10	70	15	50	5	N	20	20	N	20	N	700	200	N	15	N
1329	N	15	50	30	30	<5	N	30	15	N	20	N	500	200	N	20	<200
1330	N	7	50	<5	<20	N	N	15	10	N	10	N	500	100	N	15	N
1332	N	15	30	5	100	N	N	10	10	N	15	N	700	150	N	20	N
1333	N	50	30	7	70	N	N	15	15	N	15	N	500	300	N	20	<200
1334	N	10	70	5	20	<5	N	20	15	N	20	N	500	150	N	20	N
1335	N	10	20	<5	<20	N	N	10	15	N	10	N	700	150	N	20	N
1336	N	15	100	10	20	N	N	50	10	N	20	N	300	100	N	15	N
1337	N	20	70	20	20	N	N	20	10	N	30	N	500	150	N	30	<200
1338	N	30	200	15	<20	5	N	50	10	N	20	N	300	150	N	15	N

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--continued

Sample	S-ZR	S-TH	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P	CM-W-P	CM-TH-T	SI-F	AC-TH	AC-U	U-INST
1400	150	N	N	40	20	200	N	--	--	--	--	--
1401	70	N	N	40	15	170	N	--	--	--	--	--
						Petersburg D3--continued						
1244	100	N	N	15	5	40	N	--	--	--	--	--
1269	300	N	N	15	5	35	N	--	--	--	--	--
1270	70	N	N	25	5	50	N	--	--	--	--	--
1271	100	N	N	20	10	60	N	--	--	--	--	--
1272	200	N	N	15	10	85	N	--	--	--	--	--
1273	150	N	N	20	5	55	N	--	--	--	--	--
1274	100	N	--	25	10	70	<1	--	--	--	--	--
1275	150	N	N	15	15	100	N	--	--	--	--	--
1290	300	N	N	10	5	35	N	--	--	--	--	--
1292	100	N	N	15	10	55	N	--	--	--	--	--
1293	150	N	N	25	10	50	1	--	--	--	--	--
1295	100	N	N	10	10	45	N	--	--	--	--	--
1297	100	N	N	10	10	35	<1	--	--	--	--	--
1299	200	N	N	15	10	60	N	--	--	--	--	--
1305	200	N	N	25	10	50	N	--	--	--	--	--
1306	100	N	N	35	10	70	N	--	--	--	--	--
1307	300	N	N	10	5	30	N	--	--	--	--	--
1308	200	N	N	10	10	35	N	--	--	--	--	--
1310	200	N	N	20	10	65	N	--	--	--	--	--
1311	300	N	N	15	10	100	N	--	--	--	--	--
1313	150	N	N	10	5	50	N	--	--	--	--	--
1314	300	N	N	20	5	30	N	--	--	--	--	--
1315	200	N	N	20	5	40	N	--	--	--	--	--
1316	200	N	N	15	5	30	N	--	--	--	--	--
1317	150	N	N	25	10	60	N	--	--	--	--	--
1318	300	N	N	15	5	35	N	--	--	--	--	--
1319	100	N	N	30	10	70	1	--	--	--	--	--
1323	100	N	N	20	10	75	N	--	--	--	--	--
1324	200	N	N	10	5	25	1	--	--	--	--	--
1326	150	N	N	30	10	100	<1	--	--	--	--	--
1328	150	N	N	10	5	35	1	--	--	--	--	--
1329	150	N	N	25	10	90	<1	--	--	--	--	--
1330	200	N	N	5	5	30	1	--	--	--	--	--
1332	200	N	N	5	5	30	1	--	--	--	--	--
1333	150	N	N	10	15	75	N	--	--	--	--	--
1334	100	N	N	5	10	45	1	--	--	--	--	--
1335	200	N	N	5	5	20	1	--	--	--	--	--
1336	100	N	N	15	10	65	1	--	--	--	--	--
1337	200	N	N	25	10	75	N	--	--	--	--	--
1338	100	N	N	15	15	65	<1	--	--	--	--	--

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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
1340	56 48 54	132 42 25	2.0	1.0	1.00	.50	2,000	N	N	N	70	500	1.0	N
					Petersburg D4--continued									
0213	56 45 10	133 19 23	5.0	2.0	2.00	1.00	1,500	N	N	N	50	1,000	N	N
0214	56 45 20	133 19 50	5.0	1.5	2.00	1.00	2,000	N	N	N	50	1,000	N	N
0409	56 46 33	133 13 35	10.0	2.0	5.00	.70	1,500	N	N	N	15	500	1.0	N
0410	56 49 55	133 18 15	10.0	2.0	1.00	.70	5,000	N	N	N	20	1,000	2.0	N
0411	56 50 20	133 17 25	15.0	3.0	7.00	.70	3,000	N	N	N	15	300	N	N
1162	56 58 1	133 17 24	3.0	1.5	1.00	.50	700	N	N	N	15	300	1.0	N
1163	56 58 7	133 18 58	3.0	1.0	1.50	.50	1,000	<.5	N	N	15	500	<1.0	N
1164	56 58 53	133 18 0	5.0	3.0	3.00	.70	1,500	N	N	N	10	700	1.0	N
1165	56 57 1	133 18 22	2.0	1.0	1.50	.30	700	N	N	N	15	500	1.0	N
1166	56 55 22	133 16 4	3.0	1.0	1.50	.30	1,000	N	N	N	20	500	1.0	N
1167	56 55 25	133 17 10	5.0	2.0	5.00	1.00	1,000	<.5	N	N	15	300	<1.0	N
1220	56 53 59	133 19 21	7.0	3.0	7.00	1.00	700	N	N	N	N	200	N	N
1221	56 54 3	133 19 27	2.0	1.5	1.50	.50	500	<.5	N	N	30	700	1.0	N
1222	56 54 21	133 19 14	3.0	1.5	2.00	.70	1,000	N	N	N	20	500	1.0	N
1224	56 49 7	133 16 34	2.0	1.0	.70	.50	500	<.5	N	N	50	700	1.0	N
1225	56 49 0	133 15 40	3.0	1.0	1.50	.50	1,000	N	N	N	15	300	1.0	N
1226	56 48 36	133 15 23	2.0	1.0	1.00	.50	1,000	N	N	N	20	500	1.0	N
1227	56 47 18	133 6 49	3.0	1.5	2.00	.50	1,000	N	N	N	20	300	1.0	N
1229	56 47 27	133 6 48	3.0	1.0	1.00	.70	1,500	N	N	N	50	500	1.0	N
1237	56 52 43	133 10 54	3.0	1.0	1.50	.50	1,000	<.5	N	N	20	300	<1.0	N
1238	56 52 43	133 10 47	2.0	1.0	2.00	.50	1,000	<.5	N	N	30	500	<1.0	N
1239	56 51 27	133 9 24	2.0	1.0	2.00	.50	1,500	N	N	N	30	500	1.0	N
1241	56 51 29	133 9 38	3.0	2.0	3.00	.50	1,500	N	N	N	20	300	1.0	N
1241	56 51 16	133 6 35	3.0	1.0	2.00	.50	2,000	<.5	N	N	20	500	1.0	N
1242	56 50 27	133 3 40	3.0	1.0	2.00	.50	1,500	N	N	N	30	500	1.0	N
1243	56 50 21	133 1 42	3.0	1.0	2.00	.70	2,000	<.5	N	N	20	500	1.0	N
1245	56 48 47	133 0 12	2.0	.7	1.50	.50	2,000	N	N	N	20	500	1.0	N
1246	56 45 24	133 0 27	3.0	1.0	1.50	.50	1,500	N	N	N	20	500	1.0	N
1247	56 45 2	133 0 24	2.0	1.0	2.00	.50	1,500	N	N	N	20	500	1.0	N
1248	56 47 0	133 8 25	3.0	1.5	2.00	.30	1,500	N	N	N	20	500	<1.0	N
1249	56 45 4	133 0 39	3.0	1.5	2.00	.50	1,500	N	N	N	15	300	<1.0	N
1250	56 47 7	133 10 50	3.0	2.0	2.00	.70	2,000	N	N	N	20	500	1.0	N
1251	56 46 9	133 12 30	5.0	1.5	2.00	.50	2,000	N	N	N	10	300	<1.0	N
1252	56 55 42	133 14 13	7.0	2.0	3.00	1.00	1,500	N	N	N	10	300	<1.0	N
1253	56 55 30	133 12 40	3.0	1.0	2.00	.50	1,500	N	N	N	50	300	1.0	N
1254	56 55 35	133 14 5	5.0	1.5	2.00	.70	2,000	N	N	N	20	300	<1.0	N
1255	56 55 55	133 7 45	3.0	2.0	2.00	.70	1,000	N	N	N	20	300	<1.0	N
1256	56 55 35	133 6 25	5.0	1.5	2.00	.50	2,000	N	N	N	20	300	1.0	N
1257	56 55 42	133 7 35	3.0	1.0	2.00	.70	1,500	N	N	N	10	300	<1.0	N
1258	56 56 5	133 5 8	3.0	1.5	2.00	.70	2,000	N	N	N	15	300	1.0	N

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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	S-ZN
134L	N	2C	100	20	<20	<5	N	50	10	N	20	N	300	150	N	20	<200
							Petersburg D4--continued										
0213	N	2C	100	100	20	N	N	5C	15	N	15	N	300	200	N	20	N
0214	N	2C	70	70	20	N	N	50	2C	N	15	N	300	200	N	20	N
0409	N	2C	100	5C	20	N	N	30	10	N	2C	N	1,000	300	N	30	N
041C	N	5C	70	5C	20	N	N	30	30	N	2C	N	200	300	N	30	N
C411	N	3C	30	100	20	N	N	2C	1C	N	30	N	1,000	500	N	30	N
1162	N	15	30	15	20	N	N	20	10	N	2C	N	500	150	N	20	N
1163	N	2C	150	2C	<20	N	N	30	20	N	2C	N	300	200	N	30	N
1164	N	5C	100	5C	20	N	N	50	15	N	5C	N	1,000	300	N	50	200
1165	N	1C	70	2C	<20	<5	N	20	10	N	3C	N	500	150	N	2C	N
1166	N	15	70	2C	<20	5	N	30	15	N	3C	N	500	200	N	30	N
1167	N	3C	70	5C	5C	5	N	30	<10	N	70	N	700	300	N	50	<200
122C	N	7C	300	3C	<20	N	N	70	<10	N	7C	N	500	500	N	20	<200
1221	N	2C	100	2C	30	7	N	30	15	N	3C	N	500	200	N	20	<200
1222	N	3C	100	3C	7C	N	N	30	15	N	50	N	500	300	N	50	N
1224	N	2C	100	2C	2C	<5	N	5C	2C	N	3C	N	300	200	N	30	<200
1225	N	2C	7C	30	30	<5	N	20	15	N	30	N	1,000	200	N	50	N
1226	N	2C	100	3C	30	<5	N	30	10	N	3C	N	500	150	N	20	N
1227	N	2C	100	3C	3C	<5	N	30	10	N	5C	N	700	300	N	30	<20C
1229	N	2C	7C	2C	20	N	N	30	20	N	3C	N	500	200	N	30	N
1237	N	2C	7C	3C	30	N	N	30	2C	N	3C	N	700	200	N	30	N
1238	N	1C	70	15	2C	N	N	20	10	N	3C	N	700	150	N	20	N
1239	N	15	50	1C	20	N	N	20	2C	N	3C	N	700	150	N	50	N
124C	N	5C	150	3C	50	N	N	50	20	N	5C	N	700	200	N	30	N
1241	N	2C	70	2C	50	N	N	30	20	N	3C	N	700	150	N	50	N
1242	N	2C	70	1C	100	N	<20	20	15	N	3C	N	700	150	N	50	N
1243	N	2C	5C	15	2C	N	N	20	15	N	3C	N	1,000	150	N	50	N
1245	N	15	7C	1C	30	N	N	2C	10	N	2C	N	7C0	150	N	20	N
1246	N	2C	100	2C	3C	N	N	30	3C	N	3C	N	1,0C0	200	N	30	N
1247	N	1C	5C	1C	30	N	N	2C	2C	N	3C	N	700	150	N	2C	N
1248	N	3C	100	2C	2C	N	N	30	2C	N	3C	N	700	150	N	30	<20C
1249	N	2C	5C	3C	20	N	N	20	10	N	3C	N	700	200	N	30	N
125C	N	3C	7C	3C	3C	<5	N	30	15	N	3C	N	1,000	200	N	30	<200
1251	N	2C	7C	2C	2C	N	N	20	15	N	3C	N	700	150	N	30	N
1252	N	3C	100	5C	<20	N	N	30	10	N	5C	N	500	300	N	50	<200
1253	N	15	7C	5C	2C	<5	N	3C	10	N	3C	N	700	150	N	50	N
1254	N	2C	150	3C	<20	N	N	30	15	N	3C	N	500	200	N	50	N
1255	N	2C	150	2C	<2C	N	N	30	15	N	5C	N	500	200	N	50	N
1256	N	2C	70	3C	50	N	N	2C	15	N	3C	N	1,0C0	200	N	50	<20C
1257	N	2C	5C	1C	30	N	N	15	10	N	3C	N	700	200	N	50	N
1258	N	15	5C	1C	<2C	N	N	20	1C	N	3C	N	700	200	N	50	N

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--continued

Sample	S-ZR	S-TH	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P	CM-W-P	CM-TH-T	SI-F	AC-TH	AC-U	U-INST
1340	150	N	N	25	10	80	<1	--	--	--	--	--
					Petersburg D4--continued							
0213	100	--	N	20	10	45	<1	--	--	--	--	--
0214	100	--	N	20	10	55	N	--	--	--	--	--
0409	100	N	N	30	20	65	--	--	--	--	--	--
0410	150	N	N	40	40	110	N	--	--	--	--	--
0411	50	N	N	80	5	35	N	--	--	--	--	--
1162	100	N	N	25	10	70	N	--	--	--	--	--
1163	200	N	N	25	10	50	N	--	--	--	--	--
1164	100	N	N	70	5	50	N	--	--	--	--	--
1165	150	N	N	15	5	30	N	--	--	--	--	--
1166	100	N	N	25	10	55	<1	--	--	--	--	--
1167	150	N	N	90	5	30	N	--	--	--	--	--
1220	30	N	N	25	5	20	N	--	--	--	--	--
1221	100	N	N	25	10	60	<1	--	--	--	--	--
1222	100	N	N	30	10	70	N	--	--	--	--	--
1224	100	N	N	25	15	80	1	--	--	--	--	--
1225	200	N	N	30	10	50	<1	--	--	--	--	--
1226	200	N	N	40	10	75	N	--	--	--	--	--
1227	150	N	N	45	10	70	N	--	--	--	--	--
1229	150	N	N	20	10	70	N	--	--	--	--	--
1237	100	N	N	55	10	60	N	--	--	--	--	--
1238	150	N	N	20	5	45	N	--	--	--	--	--
1239	150	N	N	10	5	45	N	--	--	--	--	--
1240	100	N	N	65	10	70	N	--	--	--	--	--
1241	150	N	N	15	10	55	N	--	--	--	--	--
1242	150	N	N	15	10	55	N	--	--	--	--	--
1243	10	N	N	20	10	80	N	--	--	--	--	--
1245	100	N	N	15	5	40	N	--	--	--	--	--
1246	150	N	N	30	10	75	N	--	--	--	--	--
1247	100	N	N	15	10	40	N	--	--	--	--	--
1248	70	N	N	30	10	65	<1	--	--	--	--	--
1249	70	N	N	50	10	40	N	--	--	--	--	--
1250	100	N	N	50	15	85	N	--	--	--	--	--
1251	100	N	N	20	10	55	N	--	--	--	--	--
1252	150	N	N	35	5	35	N	--	--	--	--	--
1253	150	N	N	30	10	50	N	--	--	--	--	--
1254	200	N	N	30	10	50	N	--	--	--	--	--
1255	150	N	N	25	10	50	N	--	--	--	--	--
1256	100	N	N	15	10	50	N	--	--	--	--	--
1257	150	N	N	10	10	50	N	--	--	--	--	--
1258	100	N	N	15	10	50	N	--	--	--	--	--

25-81

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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
1259	56 55 44	133 10 12	7.0	1.5	2.00	1.00	3,000	N	N	N	20	200	1.0	N
1261	56 57 3	133 1 55	5.0	1.0	1.50	.50	1,500	N	N	N	20	300	1.0	N
1261	56 56 40	133 0 30	5.0	1.5	2.00	.70	1,500	N	N	N	10	200	1.0	N
1263	56 58 32	133 4 12	3.0	1.0	1.50	.50	1,500	N	N	N	20	500	1.0	N
1263A	56 58 32	133 4 9	5.0	1.0	1.00	.50	1,500	N	N	N	20	500	1.0	N
1264	56 59 30	133 12 48	7.0	3.0	3.00	.50	2,000	N	N	N	<10	300	<1.0	N
1267	56 59 31	133 13 0	5.0	3.0	5.00	.70	2,000	N	N	N	<10	300	<1.0	N
1268	56 59 10	133 4 20	7.0	10.0	5.00	.20	1,500	N	N	N	N	50	N	N
1366	56 49 45	133 1 7	5.0	1.0	1.50	.50	2,000	N	N	N	15	500	1.0	N
					Petersburg D5--continued									
0215	56 45 58	133 20 37	5.0	1.5	1.50	1.00	2,000	N	N	N	50	1,500	N	N
0216	56 45 8	133 22 52	5.0	1.5	2.00	.70	2,000	N	N	N	50	1,000	<1.0	N
0216A	56 45 8	133 22 52	5.0	1.5	2.00	.70	5,000	N	N	N	50	1,000	N	N
0218	56 45 23	133 25 46	5.0	1.0	2.00	.70	>5,000	N	N	N	50	700	<1.0	N
0219	56 45 27	133 26 8	5.0	1.0	2.00	.70	2,000	N	N	N	50	1,000	<1.0	N
0220	56 45 36	133 26 9	5.0	1.5	1.50	.70	2,000	N	N	N	50	1,500	N	N
0397	56 47 7	133 20 23	7.0	2.0	2.00	1.00	2,000	N	N	N	20	1,000	1.0	N
0399	56 49 10	133 21 25	7.0	1.0	2.00	.70	1,500	N	N	N	20	1,000	1.0	N
0401	56 51 5	133 22 20	7.0	3.0	3.00	.70	1,500	N	N	N	10	700	2.0	N
0401	56 50 57	133 22 30	7.0	2.0	2.00	.70	1,500	N	N	N	30	1,000	1.0	N
0402	56 50 50	133 24 20	7.0	2.0	3.00	.70	1,000	N	N	N	15	1,000	1.0	N
0403	56 50 54	133 24 33	7.0	1.0	2.00	.70	1,500	N	N	N	15	1,000	1.0	N
0404	56 51 17	133 27 0	7.0	1.0	2.00	.70	1,500	N	N	N	30	1,500	1.0	N
0405	56 51 23	133 27 0	7.0	.7	.50	.50	5,000	N	N	N	30	2,000	1.0	N
0406	56 48 40	133 23 20	10.0	2.0	2.00	.70	5,000	N	N	N	50	1,000	1.0	N
0407	56 48 41	133 28 30	7.0	1.0	3.00	.70	2,000	N	N	N	15	1,000	1.0	N
0963	56 53 59	133 26 30	15.0	7.0	10.00	1.00	3,000	N	N	N	20	1,000	2.0	N
0964	56 53 52	133 26 21	15.0	7.0	7.00	.50	2,000	N	N	N	15	1,500	3.0	N
0965	56 55 40	133 26 27	15.0	7.0	10.00	.50	2,000	N	N	N	10	1,000	3.0	N
0966	56 55 42	133 26 55	7.0	5.0	7.00	.50	1,500	N	N	N	10	700	1.0	N
0967	56 56 4	133 26 35	10.0	3.0	2.00	.50	2,000	N	N	N	30	1,000	1.0	N
0968	56 57 3	133 22 10	10.0	5.0	5.00	.70	1,500	N	N	N	20	1,500	N	N
0969	56 56 53	133 21 32	10.0	5.0	5.00	.50	1,500	N	N	N	20	1,500	1.0	N
0970	56 56 40	133 21 45	10.0	7.0	7.00	.50	1,500	N	N	N	10	700	N	N
0971	56 55 42	133 21 35	15.0	7.0	7.00	.50	2,000	N	N	N	10	700	1.0	N
0972	56 57 2	133 21 20	7.0	3.0	5.00	.50	1,500	N	N	N	15	1,000	1.0	N
0973	56 53 22	133 31 25	7.0	3.0	2.00	.50	700	N	N	N	20	1,500	1.0	N
0974	56 53 20	133 31 13	7.0	5.0	5.00	.30	700	N	N	N	10	1,000	N	N
0975	56 53 10	133 31 34	10.0	5.0	5.00	1.00	1,500	N	N	N	20	1,000	1.0	N
0976	56 53 0	133 31 25	7.0	3.0	5.00	.50	1,000	N	N	N	15	1,000	1.0	N

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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	S-ZN
1259	N	2L	100	10	<20	N	N	20	10	N	50	N	500	300	N	100	<200
1260	N	3L	100	15	<20	N	N	20	<10	N	20	N	500	200	N	30	<200
1261	N	2L	100	10	20	N	N	30	10	N	30	N	700	300	N	50	<200
1263	N	15	70	10	50	N	N	30	10	N	30	N	700	200	N	30	N
1263A	N	15	50	10	<20	N	N	20	10	N	30	N	500	150	N	20	N
1264	N	3L	300	5	30	N	N	20	<10	N	50	N	700	300	N	70	N
1267	N	3L	15L	7	30	N	N	20	<10	N	50	N	1,000	300	N	50	<200
1268	N	10L	3,000	50	<20	N	N	200	N	N	50	N	150	150	N	15	N
1366	N	15	50	15	<20	N	N	30	15	N	20	N	500	150	N	30	<200
								Petersburg D5--continued									
0215	N	2L	70	70	<20	N	N	30	20	N	15	N	300	200	N	30	N
0216	N	3L	150	50	20	N	N	30	20	N	20	N	200	200	N	30	N
0216A	N	2L	100	50	20	20	N	50	20	N	15	N	200	200	<50	20	N
0218	N	3L	70	30	20	<5	N	30	20	N	15	N	200	200	<50	20	N
0219	N	2L	100	70	20	30	N	50	50	N	15	N	300	200	<50	20	N
0228	N	2L	70	70	20	5	N	30	50	N	15	N	200	200	N	20	N
0398	N	3L	100	100	30	N	N	70	50	N	30	N	300	500	N	50	300
0399	N	2L	10L	50	20	N	N	30	10	N	20	N	500	300	N	30	N
0400	N	3L	300	70	70	N	N	50	15	N	30	N	1,000	300	N	30	N
0401	N	3L	200	70	20	N	N	50	15	N	20	N	500	300	N	30	N
0412	N	2L	100	50	150	N	N	30	10	N	30	N	500	200	N	50	N
0413	N	15	70	30	20	N	N	30	20	N	20	N	300	200	N	30	N
0414	N	15	70	50	150	N	N	30	10	N	20	N	500	300	N	30	N
0415	N	2L	70	30	20	5	N	30	10	N	15	N	200	300	N	30	N
0416	N	2L	100	70	20	5	N	50	20	N	20	N	500	200	N	50	N
0417	N	15	70	50	20	N	N	30	10	N	15	N	500	200	N	30	N
0963	N	3L	150	70	20	N	N	30	50	N	20	N	700	300	N	50	<200
0964	N	3L	200	100	20	N	N	30	50	N	15	N	700	300	N	30	<200
0965	N	5L	300	70	50	N	N	70	30	N	20	N	1,000	500	N	20	N
0966	N	3L	150	20	N	N	N	30	10	N	15	N	500	300	N	20	N
0967	N	3L	15L	70	N	5	N	70	10	N	15	N	200	300	N	30	N
0968	N	3L	20L	50	N	N	N	50	10	N	20	N	300	300	N	30	N
0969	N	3L	150	70	N	N	N	50	10	N	15	N	500	300	N	20	N
0970	N	3L	20L	20	N	N	N	50	10	N	20	N	300	300	N	30	N
0971	N	5L	20L	150	N	N	N	50	15	N	20	N	700	300	N	30	N
0972	N	2L	10L	10	N	N	N	30	10	N	15	N	700	200	N	20	N
0973	N	2L	10L	50	N	N	N	30	10	N	15	N	300	200	N	20	N
0974	N	3L	20L	50	N	N	N	30	15	N	15	N	500	200	N	20	N
0975	N	3L	70L	70	N	N	N	50	15	N	20	N	500	200	N	30	N
0976	N	2L	50L	15	N	N	N	30	10	N	15	N	500	200	N	20	N

CS-83

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--continued

Sample	S-ZR	S-TH	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P	CM-W-P	CM-TH-T	SI-F	AC-TH	AC-U	U-INST
1259	100	N	N	15	5	35	N	--	--	--	--	--
1260	100	N	N	20	10	70	<1	--	--	--	--	--
1261	100	N	N	15	5	30	N	--	--	--	--	--
1263	150	N	N	15	5	50	N	--	--	--	--	--
1263A	100	N	N	20	5	55	N	--	--	--	--	--
1264	150	N	N	10	5	25	N	--	--	--	--	--
1267	70	N	N	10	5	25	N	--	--	--	--	--
1268	15	N	N	55	10	30	N	--	--	--	--	--
1366	100	N	N	15	10	55	N	--	--	--	--	--
						Petersburg D5--continued						
D215	100	--	N	20	10	75	N	--	--	--	--	--
D216	100	--	N	20	15	70	N	--	--	6.03	1.80	--
D216A	100	--	N	25	15	75	1	--	--	--	--	--
D218	100	--	N	20	20	60	<1	--	--	--	--	--
D219	100	--	N	20	15	70	<1	--	--	5.40	2.40	--
D220	70	--	N	30	20	95	1	--	--	8.97	1.96	--
D398	150	N	N	80	40	200	N	--	--	--	--	--
D399	200	N	N	25	15	60	N	--	--	--	--	--
D400	70	N	N	50	20	110	N	--	--	--	--	--
D401	150	N	--	25	20	40	<1	--	--	--	--	--
D402	150	N	N	30	20	70	N	--	--	--	--	--
D403	150	N	N	15	35	150	1	--	--	--	--	--
D404	150	N	N	40	40	130	--	--	--	--	--	--
D405	150	N	N	25	20	120	N	--	--	11.00	3.28	--
D406	150	N	N	50	40	140	--	--	--	--	--	--
D407	150	N	N	30	25	95	N	--	--	5.00	2.09	--
D963	100	N	N	20	10	40	N	--	--	--	--	--
D964	70	N	N	65	10	70	N	--	--	--	--	--
D965	70	N	N	40	10	55	N	--	--	--	--	--
D966	70	N	N	10	5	35	N	--	--	--	--	--
D967	70	N	2.00	35	10	160	N	--	--	--	--	--
D968	70	N	N	15	1	65	N	--	--	--	--	--
D969	70	N	N	25	10	75	N	--	--	--	--	--
D970	70	N	N	10	10	35	N	--	--	--	--	--
D971	70	N	N	65	10	55	N	--	--	--	--	--
D972	70	N	N	<5	5	30	N	--	--	--	--	--
D973	70	N	N	10	5	40	N	--	--	5.10	2.79	--
D974	70	N	N	20	10	65	N	--	--	4.60	3.08	--
D975	100	N	N	25	10	65	N	--	--	3.70	2.28	--
D976	200	N	N	10	5	40	<2	--	--	6.33	1.91	--

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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
C977	56 52 25	133 37 20	10.0	5.0	7.00	1.00	2,000	N	N	N	30	1,500	2.0	N
C973	56 52 20	133 34 30	10.0	5.0	7.00	1.00	2,000	N	N	N	30	1,000	2.0	N
1159	56 59 55	133 20 58	3.0	1.5	1.50	.50	2,000	<.5	N	N	15	700	1.0	N
1161	56 58 55	133 20 6	2.0	1.0	1.00	.50	700	N	N	N	20	500	1.0	N
1135	56 49 7	133 39 5	3.0	1.0	1.00	.70	1,000	N	N	N	50	1,000	1.5	N
1187	56 49 0	133 39 15	2.0	1.0	.70	.50	1,500	N	N	N	15	500	<1.0	N
1139	56 46 54	133 31 0	3.0	1.0	1.00	.70	1,000	<.5	N	N	50	700	1.5	N
1190	56 48 1	133 35 40	2.0	1.0	1.00	.70	1,000	<.5	N	N	20	500	1.0	N
1191	56 46 45	133 31 0	3.0	1.0	1.50	.70	>5,000	N	N	N	15	500	1.5	N
1192	56 47 52	133 35 55	3.0	1.0	1.00	.70	2,000	N	N	N	15	700	1.5	N
1207	56 53 42	133 33 43	2.0	.7	1.00	.50	500	<.5	N	N	20	500	1.0	N
1209	56 56 50	133 37 15	3.0	1.5	1.50	1.00	700	N	N	N	50	700	1.0	N
1210	56 58 18	133 33 38	2.0	1.0	1.50	.70	1,000	<.5	N	N	15	700	1.0	N
1211	56 56 50	133 37 6	2.0	1.0	1.00	.70	700	N	N	N	20	700	1.0	N
1212	56 58 25	133 33 32	2.0	1.0	1.50	.70	1,000	<.5	N	N	20	700	1.0	N
1213	56 55 40	133 35 38	3.0	1.0	1.00	1.00	2,000	N	N	N	10	500	1.0	N
1214A	56 59 6	133 35 40	2.0	.7	1.50	.50	700	N	N	N	15	700	1.0	N
1214B	56 59 6	133 35 40	1.5	.7	1.00	.70	700	N	N	N	20	700	N	N
1215	56 54 25	133 33 45	3.0	1.0	1.00	.50	1,000	<.5	N	N	20	700	1.0	N
1216	56 57 55	133 39 38	3.0	1.0	1.00	.70	1,000	N	N	N	20	700	1.0	N
1217	56 56 40	133 39 36	2.0	1.0	1.00	.70	700	<.5	N	N	30	700	1.0	N
1218	56 56 22	133 37 45	2.0	1.0	1.50	.70	700	<.5	N	N	15	500	1.0	N
1219	56 55 6	133 39 33	3.0	.7	1.00	.70	1,500	N	N	N	30	500	1.0	N
1223	56 53 3	133 20 35	3.0	2.0	3.00	.30	1,500	N	N	N	<10	700	1.5	N
1275	56 50 50	133 30 22	2.0	1.0	1.50	.50	1,500	N	N	N	15	700	1.0	N
1369	56 47 22	133 24 57	5.0	1.5	1.00	.50	1,500	N	N	N	15	700	1.0	N
1370	56 47 52	133 22 5	5.0	1.0	1.00	.50	2,000	10.0	N	N	20	700	1.0	N
		Petersburg D6--continued												
D643	56 46 23	133 44 20	10.0	1.0	1.00	1.00	2,000	N	N	N	10	300	2.0	N
D64E	56 43 0	133 50 20	5.0	.7	1.00	.50	2,000	N	N	N	10	700	2.0	N
D64F	56 46 25	133 51 42	7.0	2.0	2.00	.70	1,500	N	N	N	10	300	1.0	N
D677	56 45 10	133 55 10	5.0	.7	.50	.50	2,000	N	N	N	50	700	3.0	N
D677A	56 45 10	133 55 10	3.0	.3	.50	.50	700	N	N	N	50	500	3.0	N
D678	56 46 33	133 59 40	3.0	.3	.50	.30	1,500	N	N	N	20	700	2.0	N
1129	56 55 42	133 41 35	2.0	.7	1.00	.70	700	<.5	N	N	20	500	<1.0	N
1130	56 56 17	133 52 2	3.0	.7	.70	.50	3,000	N	N	N	30	700	<1.0	N
1131	56 56 15	133 51 55	3.0	1.0	.50	.50	3,000	N	N	N	30	700	1.0	N
1132	56 54 0	133 43 30	2.0	.7	.70	.50	1,000	N	N	N	30	1,000	1.0	N

55-85

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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	S-ZN
0977	N	30	70	70	70	N	N	30	15	N	15	N	300	200	N	30	N
0978	N	50	70	70	N	N	N	30	15	N	15	N	300	200	N	30	N
1159	N	30	70	30	<20	<5	N	30	20	N	30	N	500	200	N	20	<200
1161	N	7	50	10	<20	N	N	20	10	N	30	N	500	150	N	20	<200
1185	N	20	50	20	50	N	N	20	20	N	20	N	500	150	N	20	<200
1187	N	15	70	20	N	5	N	20	10	N	20	N	200	150	N	20	<200
1189	N	20	50	20	20	<5	N	30	20	N	20	N	300	150	N	20	<200
1190	N	20	300	10	20	<5	N	30	10	N	30	N	300	100	N	30	<200
1191	N	50	70	30	70	7	N	20	20	N	30	N	300	150	N	50	<200
1192	N	30	70	15	30	N	N	30	10	N	30	N	300	150	N	30	<200
1207	N	7	50	5	<20	N	N	20	<10	N	30	N	300	200	N	20	N
1209	N	20	100	5	20	<5	<20	30	10	N	50	N	300	200	N	30	<200
1210	N	20	200	5	<20	N	N	20	<10	N	30	N	300	200	N	30	<200
1211	N	10	70	20	<20	N	N	20	10	N	30	N	300	150	N	20	<200
1212	N	20	70	5	<20	5	N	20	<10	N	30	N	300	200	N	30	<200
1213	N	20	50	7	<20	5	N	20	10	N	30	N	200	150	N	20	200
1214A	N	15	70	20	20	5	N	30	10	N	30	N	500	200	N	20	<200
1214B	N	5	50	7	20	N	N	15	15	N	20	N	300	100	N	20	N
1215	N	15	50	10	20	N	N	20	15	N	30	N	500	150	N	20	<200
1216	N	15	70	15	<20	10	N	30	15	N	20	N	200	200	N	30	N
1217	N	10	50	10	<20	7	N	20	10	N	30	N	500	200	N	20	<200
1218	N	15	70	7	20	N	N	30	10	N	30	N	500	200	N	30	<200
1219	N	50	100	20	<20	5	N	20	15	N	30	N	200	200	N	30	<200
1223	N	50	300	50	50	<5	N	50	20	N	50	N	1,000	300	N	30	<200
1276	N	10	50	10	N	N	N	20	10	N	15	N	300	150	N	20	N
1369	N	20	100	70	N	<5	N	50	10	N	20	N	300	200	N	20	<200
1370	N	20	100	50	N	N	N	50	10	N	20	N	300	200	N	30	N

Petersburg D6--continued

0643	N	30	30	20	20	N	N	10	10	N	15	N	300	200	N	30	N
0646	N	15	30	15	20	N	N	15	20	N	10	N	300	150	N	30	N
0649	N	20	100	15	20	N	N	30	15	N	20	N	500	200	N	30	N
0677	N	20	70	200	20	N	N	20	70	N	7	N	100	100	N	30	<200
0677A	N	15	20	100	N	N	N	15	50	N	7	N	100	150	N	30	N
0678	N	15	30	100	20	N	N	15	30	N	7	N	150	100	N	30	N
1129	N	10	50	7	<20	<5	N	20	10	N	20	N	300	150	N	20	N
1130	N	20	50	20	<20	<5	N	30	15	N	30	N	200	150	N	20	<200
1131	N	30	100	30	20	5	N	50	10	N	30	N	200	150	N	30	200
1132	N	15	30	20	<20	N	N	30	10	N	20	N	200	150	N	20	<200

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--continued

Sample	S-ZR	S-TH	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P	CM-W-P	CM-TH-T	SI-F	AC-TH	AC-U	U-INST
0977	200	N	N	30	10	95	N	--	--	7.80	2.14	--
0978	100	N	N	20	10	80	<2	--	--	5.10	2.22	--
1159	150	N	N	35	10	55	N	--	--	--	--	--
1161	150	N	N	15	5	35	N	--	--	--	--	--
1185	150	N	N	20	15	90	<1	--	--	14.30	4.09	--
1187	150	N	N	25	15	100	<1	--	--	<3.30	2.25	--
1189	200	N	N	20	15	85	N	--	--	15.30	3.47	--
1190	200	N	N	10	15	70	<1	--	--	9.71	3.61	--
1191	150	N	N	30	30	100	1	--	--	7.00	3.17	--
1192	200	N	N	20	15	100	1	--	--	--	--	--
1207	100	N	N	5	10	30	<1	--	--	--	--	--
1209	300	N	N	15	10	60	N	--	--	4.00	2.22	--
1210	150	N	N	10	10	45	N	--	--	--	--	--
1211	100	N	N	10	10	40	N	--	--	4.30	2.24	--
1212	100	N	N	10	10	50	N	--	--	--	--	--
1213	100	N	N	15	10	120	<1	--	--	4.20	1.83	--
1214A	100	N	N	35	10	120	N	--	--	--	--	--
1214B	100	N	N	5	10	20	N	--	--	--	--	--
1215	100	N	N	10	10	60	N	--	--	3.80	1.96	--
1216	100	N	N	20	15	85	<1	--	--	3.30	3.15	--
1217	150	N	N	15	10	60	N	--	--	4.20	2.31	--
1218	150	N	N	10	10	50	N	--	--	5.60	1.91	--
1219	150	N	N	15	15	65	N	--	--	<2.80	1.84	--
1223	70	N	N	80	10	95	N	--	--	--	--	--
1273	150	N	N	15	10	55	N	--	--	3.40	1.96	--
1369	100	N	N	50	15	75	<1	--	--	--	--	--
1370	200	N	N	30	15	80	1	--	--	--	--	--
Petersburg D6--continued												
0643	200	N	N	10	15	100	N	--	--	--	--	--
0646	150	N	N	10	20	65	1	5.69	--	10.70	5.69	10.70
0648	200	N	N	10	10	50	N	3.03	--	8.69	3.03	8.69
0677	150	N	N	90	25	180	<2	13.80	--	--	--	3.60
0677A	300	N	N	60	15	95	<2	10.50	--	--	--	3.60
0678	200	N	N	55	20	95	N	10.50	--	13.20	7.49	5.60
1129	100	N	N	10	10	45	N	--	--	4.40	2.06	--
1130	150	N	N	25	20	95	N	--	--	7.80	1.32	--
1131	100	N	N	40	15	120	N	--	--	6.19	1.71	--
1132	100	N	N	30	10	100	N	--	--	5.90	1.98	--

SS-87

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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
1133	56 55 28	133 41 45	3.0	.7	1.00	.50	1,500	N	N	N	30	700	1.0	N
1134	56 56 53	133 44 30	2.0	.7	.70	.50	700	N	N	N	20	500	1.0	N
1135	56 55 58	133 42 43	2.0	.7	1.00	.70	700	<.5	N	N	30	700	1.0	N
1136	56 56 55	133 44 18	2.0	.7	.70	.70	1,500	N	N	N	30	500	1.0	N
1137	56 58 10	133 43 45	3.0	1.0	.50	.50	2,000	<.5	N	N	30	500	1.0	N
1138	56 56 3	133 51 9	3.0	1.5	.20	.50	1,500	<.5	N	N	30	500	1.0	N
1139	56 58 5	133 43 38	3.0	1.0	.70	.70	700	N	N	N	20	700	<1.0	N
1140	56 59 25	133 57 52	2.0	.7	.30	.30	2,000	N	N	N	30	700	1.0	N
1141	56 57 15	133 46 5	3.0	1.0	.70	.70	1,500	<.5	N	N	30	700	1.0	N
1143	56 58 27	133 55 50	2.0	1.0	.50	.50	1,500	N	N	N	30	700	1.0	N
1144	56 53 56	133 48 49	3.0	.7	1.00	.70	2,000	N	N	N	20	700	1.0	N
1147	56 55 17	133 50 38	2.0	1.0	1.00	.50	1,500	<.5	N	N	30	500	1.0	N
1168	56 59 48	133 51 48	3.0	1.0	.30	.30	3,000	<.5	N	N	50	700	1.0	N
1169	56 59 55	133 52 18	3.0	1.5	1.00	.30	2,000	<.5	N	N	30	700	1.5	N
1170	56 59 57	133 51 42	3.0	1.0	1.00	.50	5,000	N	N	N	30	700	1.0	N
1172	56 58 50	133 55 30	3.0	1.0	.70	.50	2,000	<.5	N	N	30	1,000	1.0	N
1174	56 50 47	133 48 33	3.0	1.0	1.50	.50	1,500	N	N	N	10	700	1.5	N
1176	56 49 42	133 45 10	2.0	.7	1.50	.70	500	<.5	N	N	20	700	1.0	N
1178	56 50 56	133 42 49	3.0	.7	1.00	.50	2,000	<.5	N	N	10	700	1.0	N
1180	56 52 25	133 40 9	3.0	.7	1.50	.50	2,000	N	N	N	15	500	1.0	N
1182	56 51 22	133 41 35	2.0	.7	1.00	.50	300	N	N	N	30	300	1.0	N
1182	56 51 22	133 41 35	2.0	.7	1.00	.50	300	N	N	N	30	500	1.0	N
1183	56 50 21	133 40 25	2.0	.5	.50	.50	700	<.5	N	N	30	500	1.5	N
1184	56 52 41	133 44 15	2.0	1.5	1.50	.70	700	<.5	N	N	30	700	1.0	N
1186	56 50 39	133 40 6	3.0	1.0	1.00	1.00	500	N	N	N	30	700	1.0	N
1188	56 49 52	133 40 10	2.0	1.0	.70	.70	1,500	<.5	N	N	30	700	1.5	N
1193	56 47 30	133 40 30	3.0	.7	.70	1.00	2,000	N	N	N	15	300	1.5	N
1194	56 48 7	133 40 2	3.0	1.0	1.00	1.00	1,500	N	N	N	15	500	1.5	N
1195	56 46 4	133 55 34	2.0	.7	.70	.70	1,000	N	N	N	30	200	2.0	N
1196	56 45 22	133 41 6	5.0	2.0	1.50	>1.00	500	<.5	N	N	10	300	<1.0	N
1198	56 47 3	133 47 30	3.0	1.0	1.50	1.00	>5,000	N	N	N	20	300	1.5	N
1371	56 47 6	133 59 4	5.0	1.0	.30	.50	700	N	N	N	70	500	1.0	N
1372	56 46 42	133 59 37	5.0	.7	.50	.50	700	N	N	N	100	500	1.0	N

Port Alexander A1--continued

0503	56 11 36	134 11 19	10.0	2.0	3.00	1.00	1,500	N	N	N	20	500	2.0	N
0504	56 10 32	134 10 12	10.0	2.0	1.00	.50	1,000	N	N	N	20	500	2.0	N
0506	56 13 36	134 7 37	10.0	2.0	2.00	.70	1,000	N	N	N	15	500	1.0	N
0514	56 14 47	134 2 52	7.0	2.0	5.00	.70	1,500	N	N	N	30	500	1.0	N
0515	56 13 36	134 3 8	7.0	3.0	5.00	.70	1,000	N	N	N	50	500	1.0	N

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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	S-ZN
1133	N	15	50	50	<20	N	N	30	10	N	30	N	300	150	N	20	<200
1134	N	15	70	10	N	<5	N	20	10	N	20	N	300	150	N	20	<200
1135	N	10	70	15	<20	N	N	30	15	N	30	N	300	150	N	30	<200
1136	N	15	50	15	<20	N	N	30	10	N	20	N	200	150	N	20	N
1137	N	20	50	30	<20	<5	N	30	15	N	20	N	200	150	N	30	200
1138	N	30	100	50	<20	N	N	50	10	N	30	N	150	200	N	30	<200
1139	N	15	70	20	20	5	N	30	10	N	30	N	300	150	N	20	N
1140	N	20	70	20	20	<5	N	30	10	N	20	N	200	100	N	30	<200
1141	N	20	300	20	<20	<5	N	50	10	N	30	N	200	200	N	30	<200
1143	N	15	70	20	<20	<5	N	70	10	N	20	N	200	150	N	20	200
1144	N	30	150	15	<20	5	N	30	10	N	30	N	300	150	N	30	<200
1147	N	15	50	20	20	N	N	20	10	N	30	N	300	150	N	20	<200
1168	N	30	150	30	<20	7	N	150	20	N	20	N	200	200	N	20	300
1169	N	30	200	30	<20	N	N	100	10	N	20	N	200	200	N	15	<200
1170	N	50	100	30	<20	N	N	50	15	N	30	N	150	200	N	20	<200
1172	N	30	200	30	<20	<5	N	70	15	N	20	N	200	200	N	20	200
1174	N	20	30	10	30	N	N	20	20	N	20	N	500	150	N	20	<200
1176	N	15	50	15	20	<5	N	20	20	N	20	N	500	150	N	30	N
1178	N	30	30	15	30	<5	N	20	20	N	20	N	300	200	N	15	N
1180	N	20	50	15	<20	N	N	20	15	N	20	N	300	200	N	20	N
1182	N	10	30	10	<20	N	N	20	10	N	20	N	300	100	N	20	N
1182	N	7	70	5	30	<5	N	20	10	N	30	N	500	150	N	20	N
1183	N	10	50	10	20	N	N	20	15	N	15	N	200	150	N	15	<200
1184	N	20	150	50	20	5	N	50	15	N	30	N	300	150	N	30	<200
1186	N	20	70	20	20	<5	N	30	15	N	30	N	300	150	N	30	<200
1188	N	30	50	30	20	N	N	30	15	N	20	N	300	150	N	20	<200
1193	N	30	50	20	20	5	<20	15	10	N	30	N	200	150	N	30	<200
1194	N	20	50	10	30	<5	N	30	10	N	20	N	300	150	N	20	<200
1195	N	15	15	20	20	N	<20	7	15	N	20	N	150	100	N	70	<200
1196	N	30	50	7	20	10	N	15	15	N	30	N	300	200	N	20	<200
1198	N	50	70	10	20	10	<20	20	15	N	20	N	300	150	N	20	N
1371	N	15	50	30	N	N	N	30	10	N	15	N	200	200	N	20	N
1372	N	20	70	30	<20	N	N	30	15	N	15	N	300	200	N	20	<200

Port Alexander A1--continued

0503	N	20	50	30	30	N	N	20	10	N	20	N	1,000	200	N	50	N
0504	N	15	70	30	50	N	N	20	15	N	20	N	1,000	300	N	30	N
0506	N	15	50	50	30	N	N	20	15	N	15	N	1,000	200	N	30	N
0514	N	15	100	30	30	N	N	30	10	N	15	N	1,000	200	N	20	N
0515	N	15	150	50	30	N	N	50	10	N	20	N	1,000	200	N	30	N

55-89

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--continued

Sample	S-ZR	S-TH	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P	CM-W-P	CM-TH-T	SI-F	AC-TH	AC-U	U-INST
1133	100	N	N	25	10	90	2	--	--	6.80	1.91	--
1134	100	N	N	20	10	90	N	--	--	4.98	1.89	--
1135	100	N	N	15	10	65	<1	--	--	3.90	2.07	--
1136	100	N	N	15	10	65	N	--	--	5.51	1.84	--
1137	150	N	N	30	15	140	<1	--	--	4.64	1.86	--
1138	100	N	N	50	15	130	N	--	--	5.10	1.94	--
1139	100	N	N	20	10	90	N	--	--	2.60	2.45	--
1140	150	N	N	30	15	140	N	--	--	5.39	2.28	--
1141	150	N	N	30	15	100	N	--	--	4.30	2.02	--
1143	100	N	N	30	20	140	<1	--	--	4.00	2.00	--
1144	150	N	N	20	15	100	N	--	--	6.68	2.31	--
1147	100	N	N	25	10	70	N	--	--	6.26	1.74	--
1168	150	N	N	35	25	200	<1	--	--	6.80	3.53	--
1169	50	N	N	35	15	120	<1	--	--	5.50	2.25	--
1170	200	N	N	35	20	150	<1	--	--	--	--	--
1172	100	N	N	30	15	150	<1	--	--	3.40	2.20	--
1174	200	N	N	10	10	65	N	--	--	17.90	3.64	--
1176	150	N	N	15	10	55	N	--	--	6.60	3.63	--
1178	100	N	N	10	15	55	1	--	--	15.50	2.84	--
1180	150	N	N	20	10	70	N	--	--	4.30	1.84	--
1182	100	N	N	10	10	40	N	--	--	--	--	--
1182	100	N	N	5	5	30	N	--	--	--	--	--
1183	100	N	N	10	10	65	N	--	--	10.40	2.87	--
1184	100	N	N	40	15	80	<1	--	--	5.40	3.43	--
1186	200	N	N	15	10	75	<1	--	--	8.54	3.46	--
1188	150	N	N	20	15	75	<1	--	--	15.00	3.81	--
1193	300	N	N	10	15	85	<1	--	--	7.90	3.80	--
1194	200	N	N	10	15	75	<1	--	--	--	--	--
1195	200	N	N	15	10	100	<1	--	--	7.50	5.30	--
1196	200	N	N	5	10	55	N	--	--	<3.60	2.94	--
1198	150	N	N	10	15	60	<1	--	--	6.40	4.59	--
1371	200	N	N	20	15	95	<1	--	--	--	--	--
1372	150	N	N	--	--	--	--	--	--	--	--	--
						Port Alexander A1--continued						
0503	100	N	--	40	N	140	--	--	--	--	--	--
0504	150	N	N	25	10	90	<1	--	--	--	--	--
0506	100	N	N	30	20	80	--	--	--	--	--	--
0514	150	N	N	15	30	70	N	--	--	--	--	--
0515	150	N	N	--	--	--	--	--	--	--	--	--

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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
0516	56 11 32	134 0 29	10.0	2.0	2.00	.50	2,000	N	N	N	30	300	1.0	N
0517	56 11 27	134 0 19	10.0	3.0	2.00	.70	1,000	N	N	N	30	300	1.0	N
0518	56 10 20	134 7 45	7.0	2.0	1.00	.70	3,000	N	N	N	50	300	1.0	N
0519	56 12 25	134 7 0	7.0	2.0	.50	.50	700	N	N	N	50	500	1.0	N
0521	56 14 25	134 12 20	10.0	5.0	.30	.70	1,000	N	N	N	50	700	1.0	N
0522	56 14 20	134 12 25	10.0	2.0	.50	.70	2,000	N	N	N	50	700	1.0	N
0523	56 13 32	134 15 15	10.0	3.0	1.00	.70	1,000	N	N	N	50	700	1.0	N
0525	56 12 0	134 14 50	7.0	3.0	1.00	.70	1,000	N	N	N	70	500	1.0	N
0526	56 12 47	134 14 55	10.0	3.0	.50	.70	1,500	N	N	N	70	500	1.0	N
0527	56 6 30	134 12 45	10.0	3.0	10.00	.50	1,000	N	N	N	10	500	1.0	N
0528	56 10 25	134 14 5	10.0	2.0	.50	.50	1,500	N	N	N	50	500	1.0	N
0529	56 6 23	134 12 34	10.0	3.0	10.00	.50	1,000	N	N	N	10	500	<1.0	N
0530	56 3 23	134 13 38	10.0	3.0	3.00	.50	1,000	N	N	N	20	700	1.0	N
0531	56 4 28	134 13 46	10.0	3.0	5.00	.50	2,000	N	N	N	10	700	1.0	N
0532	56 6 52	134 13 50	10.0	2.0	1.00	.50	1,000	N	N	N	20	500	1.0	N
0533	56 1 14	134 9 20	10.0	2.0	.70	.70	2,000	N	N	N	50	500	1.0	N
0534	56 5 40	134 13 20	3.0	1.0	5.00	.50	1,000	N	N	N	<10	700	1.0	N
0535	56 8 50	134 1 30	5.0	2.0	2.00	.70	1,000	N	N	N	20	500	1.0	N
0536	56 3 33	134 10 0	5.0	2.0	5.00	.50	1,000	N	N	N	10	500	1.0	N
0537	56 10 10	134 0 36	5.0	3.0	2.00	.70	1,000	N	N	N	30	700	1.0	N
0538	56 3 26	134 7 26	5.0	2.0	1.00	.70	2,000	N	N	N	30	700	1.0	N
0539	56 8 4	134 9 10	5.0	2.0	5.00	.70	1,500	N	N	N	10	700	1.0	N
0540	56 5 35	134 1 23	5.0	2.0	2.00	.50	1,500	N	N	N	20	500	1.0	N
0541	56 7 21	134 10 16	5.0	2.0	7.00	.70	1,000	N	N	N	<10	700	1.0	N
0542	56 7 20	134 10 7	5.0	2.0	5.00	.70	1,500	N	N	N	<10	700	1.0	N
0543	56 6 55	134 6 40	5.0	2.0	5.00	.70	2,000	N	N	N	10	700	1.0	N
0544	56 6 10	134 6 35	10.0	3.0	5.00	.70	1,500	N	N	N	30	500	1.0	N
0545	56 5 16	134 9 19	5.0	2.0	5.00	.50	1,000	N	N	N	<10	700	1.0	N
0546	56 5 27	134 9 8	5.0	3.0	10.00	.50	1,000	N	N	N	<10	700	1.0	N
1027	56 2 15	134 6 43	3.0	1.0	.50	.50	2,000	N	N	N	50	500	1.0	N
1042	56 10 42	134 14 32	3.0	1.0	.20	.30	1,500	N	N	N	30	300	<1.0	N
1043	56 10 0	134 13 3	3.0	1.0	.30	.30	3,000	N	N	N	30	300	1.0	N
1044	56 9 20	134 12 20	3.0	1.5	1.00	.30	700	N	N	N	15	300	<1.0	N
1045	56 7 29	134 15 20	5.0	2.0	1.50	.30	1,500	<.5	N	N	30	500	1.0	N
1046	56 2 40	134 9 25	3.0	1.0	.70	.30	700	N	N	N	30	300	<1.0	N
1047	56 6 6	134 6 20	3.0	1.0	.50	.50	1,000	N	N	N	30	200	1.0	N
1048	56 6 13	134 8 3	5.0	1.5	2.00	.30	1,500	N	N	N	10	300	1.0	N
1049	56 13 28	134 10 56	3.0	.7	1.00	.50	500	N	N	N	20	500	1.0	N
1056	56 14 50	134 5 51	3.0	.7	.20	.30	1,000	N	N	N	30	200	<1.0	N
1059	56 12 30	134 13 30	3.0	1.5	.30	.30	>5,000	N	N	N	30	500	1.0	N

55-91

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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	S-ZN
C516	N	20	200	30	30	N	N	30	15	N	15	N	1,000	300	N	20	N
C517	N	15	100	50	50	N	N	50	15	N	20	N	1,000	300	N	50	N
C518	N	15	700	20	30	N	N	30	10	N	15	N	1,000	200	N	30	N
C519	N	15	50	50	30	N	N	20	10	N	15	N	500	200	N	20	N
C521	N	20	100	50	30	N	N	30	20	N	20	N	200	200	N	30	N
C522	N	20	70	70	30	N	N	50	20	N	20	N	200	300	N	20	200
C523	N	15	100	50	30	N	N	50	15	N	15	N	300	200	N	20	N
C525	N	20	200	50	30	N	N	50	15	N	15	N	200	300	N	30	N
C526	N	20	70	50	30	N	N	30	15	N	15	N	200	200	N	20	N
C527	N	15	100	15	30	N	N	10	10	N	15	N	1,000	200	N	50	N
C528	N	15	100	30	50	N	N	30	10	N	15	N	300	300	N	30	N
C529	N	15	70	50	30	N	N	30	10	N	20	N	1,000	300	N	50	N
C530	N	15	50	50	30	N	N	30	20	N	15	N	500	200	N	30	N
C531	N	15	30	50	30	N	N	10	10	N	15	N	500	200	N	30	N
C532	N	30	70	70	20	N	N	50	20	N	15	N	500	300	N	30	N
C533	N	30	200	50	20	N	N	30	10	N	20	N	500	300	N	30	N
C534	N	15	20	10	50	N	N	5	10	N	15	N	1,000	200	N	30	N
C535	N	20	100	30	20	N	N	30	10	N	20	N	500	200	N	30	N
C536	N	15	70	30	20	N	N	20	10	N	20	N	700	200	N	30	N
C537	N	20	70	30	20	N	N	30	10	N	20	N	500	300	N	30	N
C538	N	20	70	30	20	N	N	30	10	N	15	N	500	300	N	30	N
C539	N	20	70	<5	20	N	N	10	10	N	30	N	500	300	N	50	N
C540	N	20	100	20	20	N	N	30	10	N	15	N	1,000	300	N	30	N
C541	N	30	70	20	50	N	N	10	10	N	15	N	1,000	200	70	50	N
C542	N	30	70	20	50	N	N	10	10	N	15	N	700	200	N	70	N
C543	N	30	50	20	20	N	N	20	10	N	15	N	700	300	N	30	N
C544	N	30	100	100	20	N	N	70	500	N	20	N	1,000	300	N	30	N
C545	N	15	30	20	20	N	<20	20	10	N	15	N	1,000	300	N	30	N
C546	N	15	100	50	20	N	N	30	10	N	20	N	1,500	300	N	30	N
1027	N	30	70	30	<20	5	N	30	20	N	30	N	300	200	N	20	<200
1042	N	15	100	10	<20	N	N	20	10	N	20	N	150	150	N	15	<200
1043	N	30	30	20	20	N	N	20	20	N	20	N	200	150	N	20	<200
1044	N	20	50	30	<20	<5	N	20	15	N	20	N	300	200	N	20	<200
1045	N	30	50	100	20	N	N	50	50	N	30	N	500	150	N	30	200
1046	N	20	30	20	<20	N	N	20	10	N	20	N	300	150	N	15	N
1047	N	20	30	15	20	N	N	15	15	N	20	N	200	200	N	20	<200
1048	N	30	50	30	20	5	N	20	15	N	20	N	500	150	N	20	<200
1049	N	15	50	20	<20	5	N	15	15	N	20	N	300	150	N	30	<200
1050	N	20	30	20	<20	10	N	30	15	N	20	N	300	150	N	20	<200
1059	N	50	50	30	<20	<5	N	50	20	N	30	N	150	200	N	20	200

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--continued

Sample	S-ZR	S-TH	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P	CM-W-P	CM-TH-T	SI-F	AC-TH	AC-U	U-INST
0516	1,000	N	N	20	40	80	--	--	--	--	--	--
0517	100	N	--	30	40	90	N	--	--	--	--	--
0518	150	N	N	20	20	75	N	--	--	--	--	--
0519	70	N	N	30	30	80	N	--	--	--	--	--
0521	150	N	N	30	20	25	--	--	--	--	--	--
0522	100	N	N	20	20	70	--	--	--	--	--	--
0523	100	N	N	30	30	100	N	--	--	--	--	--
0525	100	N	N	30	30	110	N	--	--	--	--	--
0526	100	N	N	25	30	120	N	--	--	--	--	--
0527	300	N	N	10	15	35	N	--	--	--	--	--
0528	200	N	N	20	25	95	N	--	--	--	--	--
0529	100	N	--	30	20	45	20	--	--	--	--	--
0530	100	N	N	45	30	70	N	--	--	--	--	--
0531	70	N	N	20	10	25	--	--	--	--	--	--
0532	100	N	N	50	30	110	--	--	--	--	--	--
0533	100	N	--	35	30	120	N	--	--	--	--	--
0534	700	N	--	20	50	45	N	--	--	--	--	--
0535	100	N	N	20	25	90	N	--	--	--	--	--
0536	100	N	N	25	15	60	N	--	--	--	--	--
0537	150	N	--	20	20	100	N	--	--	--	--	--
0538	150	N	N	15	25	120	N	--	--	--	--	--
0539	1,000	N	N	<5	15	20	N	--	--	--	--	--
0540	100	N	N	20	25	70	N	--	--	--	--	--
0541	100	300	N	15	10	30	5	--	--	--	--	--
0542	500	N	.10	5	5	20	N	--	--	--	--	--
0543	200	N	--	25	25	50	N	--	--	--	--	--
0544	700	N	<.25	15	30	20	--	--	--	--	--	--
0545	200	N	N	15	30	25	N	--	--	--	--	--
0546	50	N	N	40	25	50	N	--	--	--	--	--
1042	100	N	N	25	20	100	<1	--	--	--	--	--
1042	70	N	N	10	15	75	N	--	--	--	--	--
1043	70	N	N	25	20	100	N	--	--	--	--	--
1044	100	N	N	30	15	85	N	--	--	--	--	--
1045	100	N	N	75	30	140	<1	--	--	--	--	--
1046	100	N	N	20	10	70	N	--	--	--	--	--
1047	150	N	N	15	15	65	N	--	--	--	--	--
1048	150	N	N	25	15	85	N	--	--	--	--	--
1049	150	N	N	25	15	80	<1	--	--	--	--	--
1056	70	N	N	20	15	120	<1	--	--	--	--	--
1058	70	N	N	20	20	150	N	--	--	--	--	--

55-93

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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
						Port Alexander B1--continued								
0507	56 16 36	134 4 58	10.0	2.0	.50	.70	700	N	N	N	100	700	2.0	N
0508	56 17 7	134 4 43	10.0	2.0	1.00	.70	700	N	N	N	50	500	2.0	N
0509	56 19 2	134 4 52	15.0	3.0	7.00	1.00	1,500	N	N	N	50	700	1.0	N
0510	56 19 0	134 4 58	10.0	2.0	7.00	1.00	1,500	N	N	N	50	700	2.0	N
0511	56 18 40	134 3 51	10.0	2.0	10.00	.70	1,000	N	N	N	50	500	1.0	N
0512	56 16 57	134 2 40	7.0	2.0	5.00	.50	1,500	N	N	N	20	500	1.0	N
0513	56 16 3	134 2 21	7.0	3.0	7.00	.50	1,000	N	N	N	300	500	1.0	N
0520	56 15 38	134 7 58	7.0	2.0	5.00	.70	700	N	N	N	10	500	1.0	N
0524	56 15 1	134 16 25	7.0	3.0	5.00	.70	700	N	N	N	50	500	1.0	N
0562	56 19 59	134 0 3	10.0	3.0	1.00	.70	500	N	N	N	70	500	1.0	N
0571	56 18 30	134 0 4	10.0	3.0	2.00	.70	1,500	N	N	N	70	700	1.0	N
0577	56 21 47	134 2 30	10.0	2.0	1.00	.70	1,000	N	N	N	50	500	1.0	N
0578	56 20 30	134 3 25	10.0	2.0	2.00	.70	1,500	N	N	N	50	500	2.0	N
0579	56 22 38	134 4 51	10.0	2.0	3.00	.70	2,000	N	N	N	50	500	2.0	N
0580	56 21 44	134 4 0	10.0	2.0	2.00	.70	1,000	N	N	N	50	500	1.0	N
0581	56 22 27	134 7 10	15.0	2.0	1.00	.70	700	N	N	N	70	700	1.0	N
0582	56 24 17	134 7 30	15.0	2.0	1.00	.70	3,000	N	N	N	70	700	1.0	N
0583	56 23 0	134 11 7	15.0	2.0	1.00	.70	5,000	N	N	N	70	500	1.0	N
0584	56 21 42	134 10 7	15.0	2.0	2.00	.70	5,000	N	N	N	70	700	1.0	N
0585	56 25 10	134 12 57	15.0	2.0	1.00	1.00	1,500	N	N	N	70	500	1.0	N
0586	56 24 40	134 10 55	15.0	2.0	1.00	.70	1,500	N	N	N	50	500	1.0	N
0587	56 21 36	134 13 20	15.0	3.0	.70	.70	2,000	N	N	N	50	500	1.0	N
0588	56 23 23	134 13 36	15.0	3.0	1.00	.70	2,000	N	N	N	70	300	1.0	N
0589	56 21 32	134 13 32	15.0	3.0	1.00	.70	1,000	N	N	N	70	500	1.0	N
0590	56 21 30	134 13 50	15.0	2.0	1.00	.70	1,500	N	N	N	70	300	1.0	N
0591	56 21 35	134 16 28	15.0	3.0	2.00	.70	1,000	N	N	N	70	500	1.0	N
0592	56 18 47	134 14 14	15.0	3.0	1.00	.70	1,000	N	N	N	100	500	1.0	N
0593	56 19 2[illegible]	134 12 28	15.0	3.0	1.00	.70	1,500	N	N	N	100	500	1.0	N
0594	56 19 46	134 10 50	15.0	2.0	.70	.70	2,000	N	N	N	70	500	1.0	N
0595	56 19 34	134 9 56	15.0	3.0	5.00	.70	5,000	N	N	N	100	500	1.0	N
0596	56 17 11	134 9 5	15.0	2.0	1.00	.70	1,000	N	N	N	100	500	1.0	N
0597	56 17 3	134 11 20	10.0	1.0	5.00	.70	1,500	N	N	N	<10	1,000	1.0	N
0598	56 16 50	134 13 2	15.0	3.0	10.00	.70	2,000	N	N	N	20	1,000	1.0	N
0599	56 24 32	134 1 23	15.0	3.0	2.00	.70	3,000	N	N	N	50	500	1.0	N
0600	56 24 23	134 1 28	15.0	3.0	1.00	.70	1,000	N	N	N	70	300	1.0	N
0601	56 27 35	134 1 44	15.0	3.0	2.00	.70	2,000	N	N	N	50	500	1.0	N
0602	56 26 3	134 2 40	15.0	3.0	2.00	.70	2,000	N	N	N	50	500	1.0	N
0603	56 29 56	134 1 45	15.0	3.0	1.00	.70	1,500	N	N	N	70	500	1.0	N
0604	56 28 28	134 1 56	15.0	3.0	5.00	.70	1,500	N	N	N	50	500	1.0	N
1030	56 15 45	134 14 35	2.0	1.0	1.50	.50	1,000	<.5	N	N	30	300	1.0	N

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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	S-ZN
Port Alexander B1--continued																	
0507	N	15	70	70	100	N	N	100	20	N	15	N	300	300	N	50	200
0508	N	15	50	70	50	7	N	70	30	N	15	N	300	300	N	50	200
0509	N	30	70	70	100	N	N	50	10	N	30	N	500	300	N	50	200
0510	N	20	70	70	50	N	N	50	20	N	20	N	500	300	N	50	200
0511	N	30	100	50	50	N	N	50	20	N	15	N	1,000	300	N	30	200
0512	N	20	200	50	30	N	N	30	10	N	15	N	1,000	150	N	20	200
0513	N	15	100	30	30	N	N	50	10	N	20	N	1,000	200	N	30	N
0520	N	10	30	20	50	N	N	15	10	N	15	N	1,000	200	N	50	N
0524	N	15	150	50	30	N	N	50	15	N	15	N	300	200	N	30	N
0562	N	20	70	70	30	N	N	50	10	N	20	N	700	300	N	30	N
0571	N	20	100	70	50	N	N	70	20	N	20	N	1,000	300	N	30	N
0577	N	20	50	70	50	N	N	50	20	N	20	N	1,000	300	N	30	N
0578	N	20	100	50	30	N	N	30	20	N	20	N	1,000	300	N	30	N
0579	N	30	70	50	30	N	N	30	15	N	20	N	1,000	300	N	30	N
0580	N	15	100	50	30	N	N	30	10	N	20	N	1,000	300	N	30	N
0581	N	15	70	70	50	N	20	70	10	N	20	N	1,000	500	N	50	N
0582	N	30	100	70	30	N	N	50	20	N	20	N	500	300	N	30	N
0583	N	30	70	70	30	N	N	20	20	N	20	N	500	300	N	30	N
0584	N	30	150	70	50	N	N	30	20	N	20	N	500	300	N	30	N
0585	N	30	70	70	20	N	N	50	20	N	20	N	500	200	N	70	N
0586	N	30	30	70	20	N	N	30	30	N	15	N	500	200	N	50	N
0587	N	20	70	50	20	N	N	50	15	N	15	N	500	200	N	30	N
0588	N	30	100	50	20	N	N	70	20	N	15	N	300	200	N	50	200
0589	N	20	70	70	20	N	N	50	20	N	15	N	500	200	N	50	N
0590	N	20	70	70	20	N	N	50	30	N	15	N	200	200	N	50	N
0591	N	20	150	70	20	N	N	70	20	N	15	N	300	300	N	50	N
0592	N	30	70	70	20	N	N	70	20	N	15	N	300	300	N	50	N
0593	N	30	100	70	20	N	N	70	30	N	15	N	300	300	N	50	N
0594	N	30	70	30	20	N	N	20	20	N	15	N	500	300	N	50	N
0595	N	100	70	150	20	7	N	50	50	N	15	N	700	300	N	50	200
0596	N	30	70	70	20	N	N	50	20	N	20	N	700	300	N	50	200
0597	N	20	20	15	30	5	N	10	20	N	10	N	1,000	150	N	70	N
0598	N	30	100	70	20	7	N	70	30	N	20	N	2,000	300	N	70	200
0599	N	30	70	70	20	N	N	70	30	N	20	N	1,000	300	N	50	200
0600	N	20	50	70	20	N	N	70	20	N	15	N	500	300	N	50	200
0601	N	30	50	70	20	N	N	30	20	N	20	N	500	300	N	50	200
0602	N	30	70	70	20	N	N	50	20	N	20	N	500	300	N	50	200
0603	N	20	70	70	20	N	N	50	20	N	20	N	1,000	500	N	50	<200
0604	N	20	50	70	20	N	N	30	20	N	20	N	1,000	300	N	50	<200
1030	N	15	70	30	20	N	N	30	20	N	20	N	200	150	N	20	N

55-95

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--continued

Sample	S-ZR	S-TH	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P	CM-W-P	CM-TH-T	SI-F	AC-TH	AC-U	U-INST
						Port Alexander B1--continued						
C5C7	150	N	N	60	20	200	--	--	--	--	--	--
C5C8	150	N	N	--	--	--	--	--	--	--	--	--
05C9	100	N	--	40	10	140	7	--	--	--	--	--
0510	200	N	N	45	15	130	--	--	--	--	--	--
0511	100	N	N	25	20	45	--	--	--	--	--	--
0512	50	N	<.10	--	--	--	--	--	--	--	--	--
0513	100	N	N	30	30	90	--	--	--	--	--	--
0520	150	N	N	10	15	40	N	--	--	--	--	--
0524	500	N	N	40	30	100	N	--	--	--	--	--
0562	150	N	N	25	20	110	N	--	--	--	--	--
0571	150	N	N	25	25	90	N	--	--	--	--	--
0577	200	N	N	25	25	90	N	--	--	--	--	--
0578	150	N	N	15	20	75	N	--	--	--	--	--
0579	100	N	N	25	25	90	N	--	--	--	--	--
0580	100	N	N	15	20	80	N	--	--	--	--	--
0581	100	N	N	30	20	110	N	--	--	--	--	--
0582	150	N	N	30	30	110	N	--	--	--	--	--
0583	150	N	N	25	30	95	N	--	--	--	--	--
0584	150	N	N	35	25	110	2	--	--	--	--	--
0585	200	N	N	40	30	95	N	--	--	--	--	--
0586	150	N	N	45	35	120	N	--	--	--	--	--
0587	150	N	N	20	25	150	N	--	--	--	--	--
0588	150	N	N	30	25	150	N	--	--	--	--	--
0589	150	N	N	35	25	95	N	--	--	--	--	--
0590	150	N	N	35	25	85	N	--	--	--	--	--
0591	150	N	N	30	25	110	N	--	--	--	--	--
0592	200	N	N	40	20	100	N	--	--	--	--	--
0593	200	N	N	40	25	110	N	--	--	--	--	--
0594	150	N	N	15	20	90	N	2.71	--	5.30	2.71	5.30
0595	100	N	--	60	50	65	--	--	--	--	--	--
0596	200	N	N	35	30	120	N	2.61	--	4.40	2.61	4.40
0597	200	N	N	5	10	25	2	5.83	--	12.40	5.83	12.40
0598	150	N	N	40	20	40	1	--	--	--	--	--
0599	150	N	N	30	30	110	N	--	--	--	--	--
0601	150	N	N	20	20	100	N	--	--	--	--	--
0601	500	N	N	30	20	100	N	--	--	--	--	--
0602	150	N	N	30	25	110	N	--	--	--	--	--
0603	100	N	N	30	20	120	N	4.55	--	5.00	4.55	5.00
0604	100	N	N	40	25	95	N	--	--	--	--	--
1030	100	N	N	20	15	70	N	--	--	--	--	--

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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
1032	56 15 3	134 14 0	3.0	2.0	.70	.50	500	<.5	N	N	30	500	1.0	N
1034	56 17 35	134 2 50	3.0	1.0	.70	.50	1,000	N	N	N	20	300	1.0	N
1036	56 15 10	134 13 0	3.0	1.5	3.00	.30	700	<.5	N	N	10	300	1.0	N
1037	56 15 11	134 2 29	1.5	.5	.30	.20	300	N	N	N	20	200	1.5	N
1038	56 19 10	134 15 35	3.0	1.0	.30	.30	700	<.5	N	N	30	300	1.0	N
1039	56 20 45	134 17 25	1.5	.5	.50	.20	700	N	N	N	20	300	1.0	N
1040	56 18 3	134 17 20	3.0	1.5	.50	.30	1,500	.5	N	N	30	300	1.0	N
1041	56 16 0	134 16 0	3.0	1.0	.50	.50	1,000	N	N	N	50	300	1.5	N
1050	56 19 40	134 9 50	2.0	.7	.70	.30	700	N	N	N	20	200	<1.0	N
1051	56 19 30	134 9 40	2.0	.5	.50	.30	300	N	N	N	15	150	<1.0	N
1052	56 17 31	134 12 25	1.5	.5	.70	.10	1,000	N	N	N	10	150	1.0	N
1053	56 17 25	134 4 30	3.0	.7	.30	.50	1,000	.7	N	N	70	300	1.0	N
1054	56 15 40	134 7 50	3.0	1.0	.30	.50	1,000	<.5	N	N	30	300	1.0	N
1059	56 24 9	134 9 25	2.0	.5	.50	.20	1,500	N	N	N	50	200	1.0	N
1061	56 22 43	134 8 19	3.0	1.0	.20	.30	5,000	N	N	N	30	300	1.0	N
						Port Alexander C1--continued								
0665	56 32 8	134 0 19	20.0	2.0	5.00	1.00	>5,000	N	N	N	50	500	3.0	N
0666	56 30 17	134 2 20	15.0	3.0	5.00	1.00	2,000	N	N	N	70	500	1.0	N
0667	56 32 51	134 5 15	20.0	3.0	5.00	1.00	2,000	N	N	N	50	300	1.0	N
0668	56 33 17	134 4 40	10.0	1.0	2.00	1.00	1,000	N	N	N	10	500	2.0	N
0669	56 30 55	134 6 18	7.0	1.0	2.00	.70	1,000	N	N	N	20	200	1.0	N
0611	56 30 20	134 7 50	7.0	2.0	1.00	.70	2,000	N	N	N	30	300	1.0	N
0659	56 30 34	134 4 46	10.0	2.0	3.00	1.00	1,500	N	N	N	30	300	2.0	N
0660	56 30 44	134 2 20	7.0	.7	1.00	.70	2,000	N	N	N	15	300	2.0	N
0661	56 37 7	134 0 37	5.0	.7	2.00	.70	3,000	N	N	N	10	200	1.0	N
0662	56 36 47	134 4 53	5.0	1.0	1.00	.50	1,000	N	N	N	15	300	<1.0	N
0663	56 39 2	134 6 56	5.0	1.0	1.00	.50	700	N	N	N	20	200	<1.0	N
0664	56 36 41	134 6 40	5.0	2.0	1.00	.70	1,000	N	N	N	20	300	1.0	N
0665	56 36 43	134 12 6	3.0	.7	.50	.50	1,000	N	N	N	30	200	1.0	N
0666	56 35 17	134 8 51	5.0	2.0	1.00	.30	1,000	N	N	N	20	300	1.0	N
0667	56 34 40	134 9 0	5.0	1.0	1.00	.50	1,000	N	N	N	20	200	<1.0	N
0668	56 33 57	134 9 28	5.0	1.0	1.00	.50	1,500	N	N	N	20	300	<1.0	N
0669	56 34 55	134 8 55	5.0	1.0	1.00	.70	1,000	N	N	N	20	300	1.0	N
0670	56 31 0	134 10 25	3.0	1.0	1.00	.30	1,000	N	N	N	20	300	1.0	N
0671	56 32 35	134 10 57	3.0	1.0	.70	.50	700	N	N	N	15	200	<1.0	N
0672	56 33 25	134 14 16	3.0	1.0	1.00	.50	700	N	N	N	20	300	1.0	N
0673	56 33 39	134 14 47	3.0	1.0	1.00	.50	700	N	N	N	10	200	<1.0	N
0674	56 35 9	134 15 53	3.0	1.0	1.00	.50	1,000	N	N	N	20	300	1.0	N
0675	56 35 41	134 13 55	3.0	1.0	1.00	.30	1,000	.5	N	N	15	200	1.0	N
0676	56 37 50	134 12 43	3.0	1.0	.50	.30	700	N	N	N	20	200	1.0	N
1062	56 37 23	134 14 39	3.0	1.0	.50	.50	1,000	N	N	N	50	200	1.0	N

55-97

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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	S-ZN
1032	N	20	100	50	20	5	N	50	20	N	30	N	200	200	N	20	<200
1034	N	30	70	20	<20	N	N	30	20	N	20	N	300	150	N	15	<200
1036	N	30	70	30	30	7	N	30	15	N	20	N	500	150	N	20	N
1037	N	10	30	20	<20	N	N	15	10	N	15	N	200	100	N	15	<200
1038	N	20	50	50	<20	<5	N	30	20	N	20	N	100	150	N	20	<200
1039	N	15	20	15	<20	N	N	15	10	N	15	N	200	100	N	20	<200
1040	N	20	50	50	<20	N	N	30	30	N	30	N	200	150	N	20	<200
1041	N	30	50	30	20	5	N	30	30	N	30	N	300	100	N	30	<200
1050	N	20	30	20	<20	<5	N	20	15	N	15	N	200	100	N	15	N
1051	N	15	30	20	<20	5	N	15	10	N	15	N	200	100	N	15	N
1052	N	<5	15	20	N	5	N	N	10	N	7	N	100	70	N	10	<200
1053	N	20	50	70	<20	15	N	100	20	N	20	N	100	300	N	30	300
1054	N	30	30	50	<20	N	N	20	30	N	20	N	300	200	N	30	<200
1059	N	20	20	20	<20	<5	N	15	15	N	15	N	200	150	N	20	<200
1061	N	30	30	30	<20	N	N	30	15	N	15	N	300	100	N	15	<200
Port Alexander C1--continued																	
0615	N	30	50	50	50	7	<20	30	20	N	20	N	300	300	N	70	200
0616	N	30	200	50	30	N	N	50	20	N	30	N	1,000	300	N	50	200
0617	N	30	70	70	20	N	N	20	20	N	20	N	700	300	N	50	200
0618	N	15	20	20	50	N	N	5	10	N	20	N	500	200	N	50	N
0619	N	20	70	50	N	N	N	20	10	N	15	N	500	200	N	30	N
0611	N	20	30	30	N	N	N	20	10	N	15	N	500	150	N	30	N
0659	N	20	50	30	50	N	N	15	10	N	20	N	700	200	N	50	N
0661	N	15	20	20	70	N	N	5	10	N	15	N	300	150	N	30	N
0662	N	20	100	20	20	N	N	50	10	N	15	N	300	150	N	20	N
0663	N	20	50	50	N	N	N	30	10	N	15	N	500	300	N	20	N
0664	N	15	50	50	N	N	N	30	10	N	15	N	500	300	N	20	N
0665	N	20	70	50	20	N	N	20	15	N	15	N	500	300	N	20	N
0666	N	20	100	50	N	N	N	50	10	N	15	N	200	200	N	20	N
0667	N	30	100	70	N	N	N	30	15	N	15	N	300	200	N	20	N
0668	N	15	70	30	N	N	N	20	10	N	15	N	300	200	N	30	N
0669	N	20	70	30	20	N	N	20	10	N	15	N	700	200	N	30	N
0670	N	15	50	30	20	N	N	20	10	N	15	N	700	300	N	30	N
0671	N	15	70	50	N	N	N	30	10	N	15	N	500	200	N	20	N
0672	N	15	70	30	N	N	N	30	10	N	15	N	300	200	N	20	N
0673	N	15	100	50	N	N	N	30	15	N	15	N	300	150	N	20	N
0674	N	15	50	30	N	N	N	30	10	N	15	N	300	200	N	20	N
0675	N	20	100	50	N	N	N	50	10	N	15	N	300	150	N	30	N
0676	N	15	50	20	N	N	N	20	10	N	15	N	300	150	N	20	N
1062	N	30	70	30	N	N	N	20	10	N	15	N	300	150	N	30	N
	N	30	70	20	<20	N	N	30	10	N	20	N	300	150	N	50	200

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--continued

Sample	S-ZR	S-TH	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P	CM-W-P	CM-TH-T	SI-F	AC-TH	AC-U	U-INST
1032	100	N	N	35	25	100	N	--	--	--	--	--
1034	150	N	N	25	15	100	N	--	--	--	--	--
1036	200	N	N	35	15	80	2	--	--	--	--	--
1037	50	N	N	25	20	95	<1	--	--	--	--	--
1038	100	N	N	35	20	100	N	--	--	--	--	--
1039	100	N	N	15	15	100	<1	--	--	--	--	--
1040	100	N	N	40	30	140	<1	--	--	--	--	--
1041	100	N	N	50	30	150	<1	--	--	--	--	--
1050	70	N	--	30	20	120	N	--	--	--	--	--
1051	70	N	N	30	25	85	<1	--	--	--	--	--
1052	30	N	N	20	15	45	2	--	--	--	--	--
1053	150	N	N	45	20	260	N	--	--	--	--	--
1054	100	N	N	40	20	95	N	--	--	--	--	--
1059	70	N	N	30	20	85	N	--	--	--	--	--
1061	200	N	N	15	15	140	N	--	--	--	--	--
					Port Alexander C1--continued							
0605	500	N	N	15	20	160	N	--	--	--	--	--
0606	200	N	N	20	20	130	N	3.46	--	7.20	3.46	7.20
0607	200	N	N	35	25	110	N	--	--	--	--	--
0608	200	N	N	10	15	80	N	3.42	--	6.10	3.42	6.10
0609	150	N	N	30	25	90	N	2.75	--	6.68	2.75	6.68
0611	150	N	N	25	25	110	N	--	--	--	--	--
0659	150	N	N	15	20	90	N	2.74	--	5.00	2.74	5.00
0660	200	N	N	10	20	70	N	3.46	--	6.30	3.46	6.30
0661	150	N	N	15	20	110	N	--	--	--	--	--
0662	100	N	N	35	20	110	N	3.27	--	<3.30	3.27	<3.30
0663	100	N	N	45	25	130	N	3.23	--	4.20	3.23	4.20
0664	150	N	N	35	20	120	N	--	--	--	--	--
0665	100	N	N	45	20	95	N	2.54	--	<4.20	2.54	<4.20
0666	70	N	N	65	25	120	N	3.17	--	4.60	3.17	4.60
0667	150	N	N	30	20	100	N	--	--	--	--	--
0668	700	N	N	25	20	120	<1	--	--	--	--	--
0669	500	N	N	25	20	90	<1	2.25	--	4.00	2.25	4.00
0670	100	N	N	40	20	95	N	2.08	--	4.00	2.08	4.00
0671	150	N	N	25	20	85	N	--	--	7.00	2.18	--
0672	100	N	N	35	25	95	N	--	--	<5.00	2.04	--
0673	150	N	N	25	20	100	<1	--	--	<4.00	1.95	--
0674	100	N	N	20	25	75	N	--	--	<3.50	2.45	--
0675	100	N	N	15	15	80	N	--	--	<2.70	1.93	--
0676	100	N	.35	20	15	55	<1	--	--	5.60	2.45	--
1062	100	N	N	20	10	120	N	--	--	3.60	1.94	--

55-99

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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
1063	56 38 33	134 15 31	2.0	1.0	.30	.50	1,500	<.5	N	N	50	200	1.0	N
1064	56 39 20	134 13 58	3.0	1.5	.70	.50	500	N	N	N	50	300	<1.0	N
1065	56 40 43	134 12 46	3.0	1.5	.70	.70	1,000	N	N	N	70	200	1.0	N
1066	56 42 16	134 13 59	3.0	2.0	1.00	1.00	500	N	N	N	50	200	1.0	N
1067	56 42 28	134 8 54	3.0	1.0	.30	.50	1,000	<.5	N	N	50	300	<1.0	N
1068	56 41 22	134 10 37	5.0	1.0	.70	.50	1,500	N	N	N	50	300	1.0	N
1069	56 42 19	134 8 42	3.0	.7	.20	.50	500	N	N	N	50	200	<1.0	N
1070	56 43 10	134 13 28	5.0	1.0	.50	.70	1,500	N	N	N	50	200	<1.0	N
1071	56 42 23	134 8 32	3.0	.7	.20	.50	700	<.5	N	N	70	200	<1.0	N
1072	56 43 31	134 15 0	5.0	1.5	2.00	1.00	1,000	<.5	N	N	<10	200	1.0	N
1073	56 42 51	134 4 48	3.0	.5	.20	.50	500	N	N	N	70	300	1.0	N
1074	56 41 45	134 3 50	7.0	.7	.70	.70	2,000	N	N	N	30	500	1.0	N
1076	56 44 28	134 14 22	3.0	1.0	1.50	1.00	1,000	N	N	N	30	200	1.0	N
1080	56 35 20	134 12 0	2.0	.7	.20	.50	700	N	N	N	50	150	1.0	N
1082	56 34 21	134 3 40	3.0	1.0	1.00	.70	1,000	N	200	N	10	300	2.0	N
1083	56 43 24	134 3 22	3.0	.5	.20	.70	1,000	<.5	N	N	100	500	2.0	N
1085	56 32 26	134 9 45	2.0	1.0	.30	.50	500	<.5	N	N	30	200	<1.0	N
1087	56 32 38	134 2 42	2.0	1.0	.70	.50	1,000	N	N	N	30	200	1.5	N
1089	56 32 33	134 2 51	3.0	1.5	1.00	1.00	1,500	N	N	N	20	300	1.5	N
1100	56 41 26	134 14 50	3.0	1.5	2.00	.70	500	N	N	N	30	300	1.0	N
1107	56 39 51	134 16 0	3.0	1.5	2.00	.50	1,500	N	N	N	15	200	1.0	N
1108	56 38 10	134 16 42	2.0	1.0	.70	.50	700	N	N	N	50	500	1.0	N
1109	56 39 50	134 19 18	3.0	1.5	1.00	.70	1,000	N	N	N	20	200	1.0	N

Port Alexander C2--continued

1110	56 40 32	134 20 30	5.0	1.5	2.00	1.00	1,500	N	N	N	30	300	1.5	N
1111	56 42 11	134 22 29	3.0	1.0	2.00	1.00	1,500	.5	N	N	10	200	1.0	N
1112	56 43 31	134 20 18	5.0	1.0	2.00	>1.00	1,500	N	N	N	<10	300	1.5	N

Port Alexander D1--continued

D079	56 47 10	134 1 2	5.0	.7	.30	.50	700	N	N	N	50	700	1.0	N
D080	56 46 55	134 1 30	5.0	2.0	.70	.20	700	1.0	N	N	30	2,000	1.0	N
D081	56 46 20	134 2 15	.5	.1	.20	.05	50	N	N	N	<10	70	N	N
D082	56 45 10	134 2 40	3.0	.7	.50	.30	700	N	N	N	30	500	<1.0	N
D083	56 45 8	134 2 30	5.0	.7	.30	.30	500	N	N	N	30	500	<1.0	N
D084	56 49 20	134 0 5	5.0	2.0	.50	.50	2,000	N	N	N	10	500	N	N
D085	56 50 0	134 0 55	5.0	1.0	.50	.50	1,500	N	N	N	50	1,000	1.0	N
D086	56 54 50	134 9 35	5.0	.5	.50	.30	3,000	N	N	N	70	5,000	2.0	N
D087	56 54 55	134 10 46	5.0	.7	.50	.50	3,000	N	N	N	70	5,000	2.0	N
D088	56 53 20	134 9 32	3.0	.5	.70	.30	2,000	N	N	N	50	1,500	1.0	N

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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	S-ZN
1063	N	30	50	20	<20	<5	N	20	15	N	20	N	300	150	N	20	<200
1064	N	20	50	30	<20	N	N	30	10	N	20	N	200	150	N	20	<200
1065	N	30	50	30	20	<5	N	20	15	N	30	N	500	150	N	20	<200
1066	N	20	50	20	<20	10	N	20	10	N	30	N	500	200	N	20	<200
1067	N	30	30	30	<20	<5	N	20	15	N	30	N	300	150	N	20	<200
1068	N	30	30	70	<20	N	N	20	10	N	30	N	500	200	N	20	200
1069	N	20	50	30	N	<5	N	20	10	N	20	N	200	150	N	15	<200
1070	N	30	50	50	<20	<5	N	30	15	N	30	N	500	200	N	30	<200
1071	N	20	30	30	<20	<5	N	20	10	N	20	N	300	200	N	20	<200
1072	N	50	70	30	20	N	N	30	10	N	30	N	300	150	N	50	<200
1073	N	20	30	20	<20	<5	N	20	10	N	30	N	200	150	N	30	N
1074	N	30	50	30	<20	<5	N	20	10	N	30	N	200	150	N	30	N
1076	N	30	50	30	<20	N	N	30	15	N	30	N	300	150	N	20	<200
1080	N	20	30	20	<20	N	N	20	10	N	20	N	150	100	N	20	<200
1082	N	15	20	10	20	5	<20	10	15	N	30	N	300	100	N	50	<200
1083	N	20	50	15	20	<5	N	20	10	N	20	N	200	100	N	50	200
1085	N	20	30	20	<20	N	N	20	10	N	20	N	150	100	N	20	<200
1087	N	20	50	20	20	<5	N	30	10	N	30	N	300	150	N	30	<200
1089	N	20	30	20	20	N	N	20	15	N	30	N	300	150	N	30	200
1100	N	15	50	20	20	7	N	20	10	N	30	N	300	150	N	50	<200
1107	N	30	50	20	20	<5	N	30	10	N	20	N	300	150	N	30	<200
1108	N	20	30	15	20	N	N	20	10	N	20	N	500	100	N	30	<200
1109	N	30	70	30	<20	N	N	30	15	N	30	N	300	150	N	20	<200

Port Alexander C2--continued

1110	N	30	50	20	20	<5	N	20	10	N	50	N	500	200	N	50	200
1111	N	30	30	15	20	<5	N	20	10	N	50	N	200	150	N	50	<200
1112	N	30	30	15	20	N	<20	20	15	N	30	N	300	100	N	50	<200

Port Alexander D1--continued

0679	N	30	200	100	50	N	N	70	20	N	15	N	200	200	N	50	200
0681	N	30	700	70	20	10	N	100	20	N	20	N	200	300	N	50	500
0683	N	N	50	10	N	N	N	N	N	N	<5	N	N	30	N	20	N
0682	N	15	70	30	N	N	N	15	10	N	15	N	300	200	N	50	<200
0683	N	15	70	30	N	N	N	15	10	N	10	N	200	100	N	20	N
0684	N	30	1,000	30	20	N	N	70	10	N	15	N	300	100	N	20	N
0685	N	30	1,000	50	N	N	N	70	10	N	15	N	200	200	N	20	<200
0686	N	20	100	50	50	N	20	30	100	N	10	N	300	150	N	30	500
0687	N	20	150	70	50	15	20	70	70	N	10	N	300	500	N	30	500
0688	N	15	100	30	30	N	N	20	30	N	7	N	200	100	N	20	200

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--continued

Sample	S-ZR	S-TH	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P	CM-W-P	CM-TH-T	SI-F	AC-TH	AC-U	U-INST
1063	100	N	N	20	15	95	N	--	--	4.30	3.16	--
1064	100	N	N	35	15	80	N	--	--	5.70	2.21	--
1065	100	N	N	30	15	95	N	--	--	4.10	2.52	--
1066	150	N	N	20	10	75	<1	--	--	5.30	4.79	--
1067	100	N	N	25	10	85	N	--	--	4.20	2.33	--
1068	150	N	N	35	15	90	N	--	--	4.10	2.41	--
1069	100	N	N	30	15	100	N	--	--	7.33	3.16	--
1070	100	N	N	40	15	90	N	--	--	<9.70	2.20	--
1071	100	N	N	35	15	85	<1	--	--	4.50	2.90	--
1072	150	N	N	25	10	60	<1	--	--	6.10	3.39	--
1073	100	N	N	30	10	90	N	--	--	4.80	3.36	--
1074	200	N	N	20	10	95	N	--	--	6.00	2.61	--
1076	150	N	N	30	15	85	N	--	--	<3.60	2.16	--
1080	100	N	N	25	10	75	N	--	--	3.40	2.12	--
1082	200	N	N	20	20	100	N	--	--	9.21	3.55	--
1083	200	N	N	20	15	140	<1	--	--	8.25	3.45	--
1085	150	N	N	30	20	85	N	--	--	5.70	2.21	--
1087	150	N	N	30	15	100	N	--	--	5.00	3.42	--
1089	100	N	N	30	15	110	N	--	--	5.20	2.81	--
1106	150	N	N	20	10	55	N	--	--	<3.40	6.05	--
1107	150	N	N	25	15	70	N	--	--	<5.00	2.19	--
1108	100	N	N	15	10	70	N	--	--	5.40	2.66	--
1109	150	N	N	40	20	100	N	--	--	4.00	2.29	--
						Port Alexander C2--continued						
1110	150	N	N	30	15	90	<1	--	--	6.20	3.78	--
1111	300	N	N	15	10	65	<1	--	--	<3.30	4.46	--
1112	500	N	N	15	10	50	N	--	--	6.90	4.91	--
						Port Alexander D1--continued						
0679	200	N	N	55	20	350	N	--	--	8.99	3.74	--
0680	100	N	N	50	20	350	<1	--	--	5.20	4.79	--
0681	15	N	N	30	15	75	N	--	--	--	--	--
0682	200	N	N	30	15	90	N	--	--	5.10	2.91	--
0683	100	N	N	20	15	90	N	--	--	5.10	2.55	--
0684	300	N	N	20	15	95	2	28.00	--	--	--	1.10
0685	100	N	N	25	15	160	<2	--	--	4.50	2.87	--
0686	300	N	N	25	55	350	<2	11.50	--	14.00	5.89	3.90
0687	200	N	N	45	25	400	N	--	--	10.00	8.11	--
0688	150	N	N	15	20	160	<2	11.30	--	9.66	3.51	2.40

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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
L689	56 52 3	134 7 40	3.0	.7	.50	.30	700	N	N	N	100	300	1.0	N
L690	56 53 12	134 4 15	5.0	.3	.30	.50	5,000	N	N	N	50	>5,000	2.0	N
L691	56 52 48	134 2 22	5.0	.3	.50	.30	5,000	N	N	N	50	5,000	2.0	N
1075	56 45 24	134 8 18	2.0	.7	.20	.30	700	<.5	N	N	50	200	1.0	N
1077	56 45 19	134 8 28	2.0	.5	.70	.30	300	N	N	N	70	200	1.0	N
1078	56 45 17	134 6 0	3.0	.7	.50	.70	700	.5	N	N	100	700	1.5	N
1079	56 45 10	134 8 12	3.0	1.0	.50	.50	700	<.5	N	N	50	300	1.0	N
1081	56 45 30	134 6 59	3.0	.5	.20	.50	500	<.5	N	N	70	500	1.5	N
1086	56 47 36	134 2 0	3.0	1.0	.50	.70	1,000	N	N	N	70	700	2.0	N
1088	56 48 25	134 7 24	3.0	.7	.50	.30	1,000	N	N	N	50	500	1.5	N
1090	56 49 3	134 6 8	3.0	1.0	2.00	.70	1,500	<.5	N	N	50	1,000	1.5	N
1092	56 49 43	134 10 58	2.0	1.0	.70	.30	700	N	N	N	70	300	<1.0	N
1093	56 48 53	134 7 5	2.0	1.0	.70	.50	1,000	<.5	N	N	50	500	1.5	N
1094	56 49 34	134 10 58	3.0	1.0	.20	.50	1,000	<.5	N	N	100	200	<1.0	N
1095	56 50 30	134 6 29	3.0	.5	.20	.50	1,500	N	N	N	70	700	2.0	N
1096	56 46 1	134 15 53	2.0	1.0	.30	.50	700	N	N	N	50	200	1.0	N
1097	56 49 49	134 9 57	2.0	1.0	.50	.50	700	<.5	N	N	50	300	1.0	N
1098	56 48 1	134 15 44	3.0	1.0	.50	.70	1,000	<.5	N	N	70	200	<1.0	N
1099	56 49 39	134 9 52	2.0	.7	.30	.50	700	<.5	N	N	50	300	<1.0	N
1101	56 50 30	134 6 54	3.0	.7	.50	.50	700	<.5	N	N	50	500	1.0	N
1101	56 46 11	134 17 52	5.0	2.0	3.00	1.00	1,000	N	N	N	10	300	1.0	N
1103	56 46 21	134 17 55	5.0	1.5	2.00	>1.00	1,000	N	N	N	10	200	1.0	N
1103A	56 46 21	134 17 55	5.0	1.5	2.00	>1.00	1,000	N	N	N	10	200	1.0	N
1105	56 49 3	134 19 2	2.0	1.0	2.00	.70	1,000	N	N	N	20	200	1.0	N
1108	56 48 19	134 10 0	3.0	1.0	1.00	.50	500	<.5	N	N	70	500	1.0	N
1109	56 48 58	134 18 10	5.0	1.5	2.00	.70	700	N	N	N	15	200	1.0	N
1120	56 49 0	134 16 42	3.0	1.0	.20	.70	1,000	<.5	N	N	70	200	1.0	N
1121	56 52 35	134 18 5	2.0	1.0	.30	.50	500	<.5	N	N	50	300	<1.0	N
1122	56 53 45	134 19 21	2.0	1.0	.20	.50	500	N	N	N	50	300	1.0	N
1123	56 53 50	134 18 50	2.0	.7	.50	.50	1,000	N	N	N	50	500	1.0	N
1124	56 52 45	134 15 42	3.0	1.0	.50	.50	1,000	N	N	N	50	300	1.0	N
1125	56 52 35	134 13 36	3.0	1.0	.50	.30	1,500	N	N	N	50	500	<1.0	N
1126	56 55 31	134 12 22	3.0	.7	1.00	.50	3,000	N	N	N	50	700	2.0	N
1127	56 54 5	134 6 45	2.0	.5	.15	.20	>5,000	1.0	N	N	100	700	7.0	N
1128	56 49 59	134 2 12	2.0	.5	1.00	.50	5,000	N	N	N	30	700	3.0	N

Port Alexander D2--continued

1112	56 49 53	134 20 38	5.0	1.5	2.00	1.00	700	<.5	N	N	15	200	<1.0	N
1114	56 49 51	134 20 12	3.0	1.0	1.50	.70	700	<.5	N	N	30	200	1.0	N
1113	56 45 35	134 23 18	3.0	2.0	3.00	1.00	1,000	N	N	N	10	200	<1.0	N
1114	56 46 32	134 23 27	5.0	1.5	2.00	>1.00	1,500	N	N	N	10	300	1.0	N
1115	56 51 25	134 23 40	5.0	1.5	1.50	.70	2,000	N	N	N	50	300	1.5	N

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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	S-ZN
C639	N	15	100	50	30	N	N	50	20	N	10	N	150	200	N	20	N
C690	N	15	70	30	50	N	20	15	500	N	7	N	300	70	N	30	500
C691	N	20	70	30	30	N	N	15	100	N	10	N	300	200	N	20	200
1075	N	15	30	20	N	N	N	20	10	N	20	N	200	150	N	15	<200
1077	N	15	30	20	<20	<5	N	30	10	N	20	N	200	150	N	20	<200
1078	N	20	100	30	20	10	N	50	20	N	30	N	300	150	N	50	200
1079	N	30	50	30	<20	<5	N	30	15	N	30	N	300	150	N	20	<200
1081	N	20	50	20	<20	7	N	50	10	N	20	N	200	150	N	30	200
1086	N	30	150	30	30	N	<20	70	10	N	20	N	300	150	N	30	200
1088	N	20	70	20	20	<5	N	30	15	N	30	N	200	100	N	30	200
1090	N	30	150	20	30	5	N	50	20	N	30	N	500	150	N	50	<200
1092	N	20	100	30	<20	<5	N	30	15	N	20	N	200	200	N	20	<200
1093	N	20	100	30	20	5	N	50	20	N	30	N	300	200	N	30	200
1094	N	30	50	30	<20	N	N	30	15	N	30	N	500	200	N	20	<200
1095	N	20	50	20	50	5	N	50	20	N	15	N	300	150	N	20	500
1096	N	30	30	15	N	N	N	20	10	N	20	N	300	150	N	15	<200
1097	N	20	50	50	<20	N	N	30	10	N	20	N	500	200	N	20	<200
1098	N	30	100	70	20	N	N	20	15	N	30	N	500	300	N	30	<200
1099	N	20	70	30	<20	N	N	30	10	N	30	N	300	200	N	15	<200
1100	N	20	100	30	20	<5	N	50	10	N	20	N	300	150	N	30	200
1101	N	30	50	50	20	N	N	30	15	N	30	N	500	150	N	50	<200
1103	N	30	50	30	<20	N	N	20	10	N	50	N	300	150	N	50	<200
1103A	N	20	30	30	<20	N	N	30	10	N	30	N	300	150	N	50	<200
1105	N	20	30	20	30	5	N	20	10	N	20	N	500	150	N	30	<200
1118	N	20	50	30	20	5	N	30	15	N	30	N	300	200	N	30	<200
1119	N	30	50	30	20	<5	N	20	10	N	30	N	300	200	N	30	<200
1120	N	30	30	50	<20	N	N	20	15	N	20	N	500	200	N	20	<200
1121	N	30	70	30	<20	N	N	30	20	N	20	N	500	200	N	20	<200
1122	N	20	70	20	<20	N	N	30	10	N	20	N	500	200	N	15	<200
1123	N	20	50	20	20	5	N	20	15	N	20	N	300	150	N	20	<200
1124	N	30	50	30	<20	<5	N	30	15	N	30	N	500	200	N	20	<200
1125	N	20	100	30	<20	5	N	30	15	N	20	N	200	150	N	15	<200
1126	N	20	50	20	30	<5	30	30	20	N	20	N	200	150	N	30	200
1127	N	10	10	7	50	5	N	7	300	N	10	N	<100	70	N	50	500
1128	N	20	50	10	30	<5	N	30	30	N	20	N	200	100	N	30	<200

Port Alexander D2--continued

1102	N	30	70	20	<20	5	N	20	15	N	30	N	300	200	N	30	N
1104	N	20	50	30	20	5	N	20	10	N	30	N	300	150	N	30	N
1113	N	50	50	30	<20	N	N	50	10	N	30	N	500	150	N	30	<200
1114	N	20	50	20	20	<5	20	10	10	N	50	N	500	100	N	50	<200
1115	N	30	50	50	20	<5	N	30	20	N	30	N	500	150	N	30	<200

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--continued

Sample	S-ZR	S-TH	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P	CM-W-P	CM-TH-T	SI-F	AC-TH	AC-U	U-INST
0689	150	N	N	25	15	160	N	--	--	8.21	3.74	--
0690	200	N	N	20	250	700	<2	8.50	--	16.80	6.47	4.10
0691	150	N	N	20	55	95	<2	16.50	--	7.43	3.70	2.10
1075	70	N	N	30	10	90	N	--	--	4.40	2.31	--
1077	100	N	N	45	15	85	N	--	--	6.50	3.40	--
1078	150	N	N	40	15	140	<1	--	--	7.10	5.80	--
1079	100	N	N	40	15	90	N	--	--	4.70	2.94	--
1081	100	N	N	35	15	110	<1	--	--	6.50	4.88	--
1086	150	N	N	55	15	100	<1	--	--	12.00	3.61	--
1088	100	N	N	40	15	100	N	--	--	6.52	3.15	--
1090	150	N	N	30	15	110	N	--	--	6.68	3.12	--
1092	100	N	N	55	15	80	N	--	--	4.60	3.32	--
1093	150	N	N	40	15	160	N	--	--	7.99	3.70	--
1094	100	N	N	45	15	85	N	--	--	--	--	--
1095	150	N	N	20	20	400	N	--	--	16.50	6.20	--
1096	70	N	N	30	15	110	N	--	--	3.60	2.17	--
1097	100	N	N	45	15	80	N	--	--	6.45	2.57	--
1098	200	N	N	65	15	85	N	--	--	3.00	2.61	--
1099	100	N	N	35	10	80	N	--	--	3.90	2.41	--
1100	150	N	N	35	10	120	N	--	--	6.29	3.32	--
1101	100	N	N	30	10	55	N	--	--	<1.90	1.38	--
1103	200	N	N	25	10	60	N	--	--	<2.20	2.41	--
1103A	100	N	N	25	10	55	<1	--	--	--	--	--
1105	100	N	N	25	15	75	<1	--	--	5.40	4.88	--
1118	100	N	N	40	15	80	N	--	--	6.00	2.31	--
1119	200	N	N	25	15	70	N	--	--	4.40	1.99	--
1120	100	N	N	40	20	95	N	--	--	8.20	2.52	--
1121	100	N	N	30	15	100	N	--	--	<3.20	2.47	--
1122	100	N	N	30	15	110	N	--	--	4.10	2.58	--
1123	150	N	N	30	15	95	<1	--	--	7.70	3.42	--
1124	100	N	N	45	20	130	N	--	--	6.40	3.23	--
1125	100	N	N	40	15	90	N	--	--	6.70	2.91	--
1126	100	N	N	20	20	140	N	--	--	6.70	3.76	--
1127	200	N	N	10	390	380	<1	--	--	25.80	8.49	--
1128	70	N	N	15	55	270	<1	--	--	6.40	4.24	--
						Port Alexander D2--continued						
1102	200	N	N	25	10	50	N	--	--	<2.00	2.23	--
1104	200	N	N	25	10	60	N	--	--	4.70	4.39	--
1113	150	N	N	40	15	55	N	--	--	<2.20	1.29	--
1114	500	N	N	20	10	55	<1	--	--	7.29	2.91	--
1115	150	N	N	35	20	100	N	--	--	8.90	2.45	--

55-105

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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
1116	56 51 10	134 22 39	3.0	1.0	1.00	.50	1,000	<.5	N	N	50	300	1.0	N
1117	56 53 20	134 20 31	2.0	1.0	1.00	.50	1,000	N	N	N	30	500	1.0	N
						Sitka A1--continued								
1142	57 2 3	134 0 59	3.0	.7	.30	.30	5,000	N	N	N	20	300	1.0	N
1145	57 1 3	134 1 15	2.0	1.0	.30	.50	1,000	<.5	N	N	50	500	1.0	N
1146	57 3 55	134 0 59	3.0	1.5	1.50	.70	2,000	N	N	N	30	500	1.0	N
						Sumdum A4--continued								
1262	57 0 10	133 8 20	5.0	3.0	3.00	.50	1,500	N	N	N	10	200	<1.0	N
1265	57 0 22	133 9 22	7.0	5.0	3.00	.50	2,000	N	N	N	<10	200	<1.0	N
1266	57 0 28	133 15 20	5.0	3.0	3.00	.50	2,000	N	N	N	10	300	<1.0	N
						Sumdum A5--continued								
1156	57 2 20	133 37 31	2.0	1.0	.50	.50	1,000	N	N	N	30	500	1.0	N
1160	57 0 22	133 23 28	3.0	2.0	1.50	.70	2,000	<.5	N	N	50	700	1.0	N
1191	57 0 20	133 39 49	2.0	.7	1.00	.70	700	<.5	N	N	30	500	1.0	N
1199	57 2 33	133 33 42	2.0	1.0	1.50	.50	500	N	N	N	30	500	1.0	N
1201	57 2 4	133 32 0	3.0	1.0	1.00	1.00	1,000	N	N	N	50	500	1.0	N
1203	57 1 0	133 26 40	2.0	1.0	1.50	.70	1,000	N	N	N	50	500	1.0	N
1204	57 1 56	133 30 38	3.0	1.0	1.00	.70	700	N	N	N	50	500	1.0	N
1205	57 2 0	133 37 22	2.0	1.0	1.00	1.00	1,000	N	N	N	50	500	1.0	N
1206	57 2 37	133 38 10	3.0	1.0	1.00	1.00	1,000	<.5	N	N	70	500	1.5	N
1208	57 1 20	133 36 10	3.0	1.5	1.50	.70	1,500	N	N	N	30	700	1.0	N
						Sumdum A6--continued								
1148	57 4 55	133 56 25	3.0	1.0	.20	.20	3,000	N	N	N	20	300	<1.0	N
1149	57 4 17	133 57 15	3.0	1.0	1.00	.50	1,500	<.5	N	N	30	500	1.0	N
1150	57 5 36	133 52 55	3.0	1.5	1.50	.50	1,000	<.5	N	N	20	500	1.0	N
1151	57 4 20	133 57 2	3.0	1.5	1.00	.30	1,500	N	N	N	20	700	1.0	N
1152	57 5 45	133 53 41	5.0	2.0	2.00	.50	1,000	N	N	N	15	300	<1.0	N
1153	57 5 6	133 46 40	5.0	3.0	3.00	.70	1,000	<.5	N	N	15	300	<1.0	N
1154	57 4 39	133 46 46	2.0	1.0	1.00	.50	1,000	N	N	N	30	500	1.0	N
1155	57 5 30	133 51 5	3.0	1.5	1.00	.30	1,500	<.5	N	N	15	500	1.0	N
1157	57 4 38	133 46 35	3.0	.7	.70	.70	1,000	.5	N	N	50	1,000	1.5	N
1158	57 3 42	133 41 20	2.0	1.0	.50	.70	1,500	N	N	N	70	500	1.0	N
1171	57 1 48	133 54 40	5.0	1.5	1.00	.50	5,000	<.5	N	N	30	700	1.0	N
1173	57 2 50	133 48 15	5.0	2.0	3.00	.70	1,500	<.5	N	N	10	300	<1.0	N
1175	57 2 39	133 48 13	3.0	1.0	1.00	.70	1,500	<.5	N	N	30	500	1.5	<10
1177	57 1 50	133 47 48	3.0	.7	.70	.50	1,500	<.5	N	N	30	500	1.0	N
1179	57 0 15	133 43 50	2.0	.7	1.00	.50	500	<.5	N	N	20	500	1.0	N

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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	S-ZN
1116	N	30	50	20	20	N	N	30	15	N	30	N	700	150	N	20	<200
1117	N	20	70	20	30	N	N	30	10	N	20	N	300	100	N	20	200
								Sitka A1--continued									
1142	N	50	50	15	<20	7	N	30	10	N	20	N	200	200	N	20	<200
1145	N	20	100	30	<20	<5	N	50	10	N	30	N	200	150	N	30	<200
1146	N	50	150	50	<20	<5	N	50	<10	N	30	N	300	200	N	20	200
								Sumdum A4--continued									
1262	N	50	700	30	<20	N	N	70	10	N	50	N	500	300	N	30	<200
1265	N	50	500	10	20	N	N	30	10	N	50	N	500	300	N	50	<200
1266	N	30	500	15	20	N	N	50	10	N	30	N	1,000	200	N	50	N
								Sumdum A5--continued									
1156	N	20	70	15	<20	N	N	30	10	N	20	N	200	200	N	20	N
1160	N	50	100	200	<20	5	N	50	10	N	50	N	200	300	N	50	200
1161	N	10	50	5	20	<5	N	20	<10	N	20	N	300	150	N	15	<200
1199	N	7	100	7	<20	5	N	30	10	N	30	N	500	150	N	20	<200
1201	N	20	100	15	<20	N	N	30	15	N	30	N	500	200	N	30	<200
1203	N	20	100	50	20	N	N	30	10	N	30	N	500	200	N	30	<200
1204	N	20	70	10	<20	<5	N	20	10	N	30	N	300	200	N	15	<200
1205	N	20	70	15	<20	N	N	30	20	N	30	N	300	200	N	20	<200
1206	N	20	50	10	<20	N	N	30	15	N	30	N	300	150	N	20	<200
1208	N	30	70	10	<20	<5	N	30	15	N	30	N	300	200	N	30	N
								Sumdum A6--continued									
1148	N	30	150	30	<20	N	N	30	10	N	20	N	150	150	N	15	<200
1149	N	20	70	20	<20	N	N	50	10	N	30	N	200	200	N	20	<200
1150	N	20	70	70	<20	<5	N	50	10	N	30	N	500	200	N	20	N
1151	N	20	200	30	<20	N	N	70	10	N	30	N	300	150	N	30	<200
1152	N	30	50	50	70	<5	N	30	10	N	50	N	500	300	N	20	<200
1153	N	20	50	50	20	<5	N	30	15	N	50	N	700	300	N	20	<200
1154	N	20	100	50	<20	5	N	30	10	N	20	N	300	300	N	20	<200
1155	N	30	150	50	<20	<5	N	50	15	N	30	N	300	200	N	30	<200
1157	N	20	70	20	20	5	N	50	15	N	30	N	300	200	N	30	200
1158	N	30	70	15	<20	N	N	30	10	N	30	N	200	200	N	20	<200
1171	N	50	150	50	<20	N	N	70	20	N	30	N	200	200	N	30	<200
1173	N	30	150	100	20	N	N	30	10	N	50	N	500	300	N	30	<200
1175	N	30	100	30	20	<5	N	50	15	N	30	N	300	200	N	20	200
1177	N	20	70	30	<20	N	N	50	15	N	20	N	200	150	N	15	<200
1179	N	15	50	20	20	<5	N	30	15	N	20	N	300	150	N	15	<200

PETERSHURG STUDY AREA STREAM SEDIMENT ANALYSES--continued

Sample	S-ZR	S-TH	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P	CM-W-P	CM-TH-T	SI-F	AC-TH	AC-U	U-INST
1116	100	N	N	25	15	90	<1	--	--	5.40	2.25	--
1117	100	N	N	25	15	90	<1	--	--	7.83	2.62	--
						Sitka A1--continued						
1142	100	N	N	20	20	85	<1	--	--	--	--	--
1145	100	N	N	40	15	110	<1	--	--	6.84	1.91	--
1146	150	N	N	50	15	120	N	--	--	5.43	1.41	--
						Sumdum A4--continued						
1202	30	N	N	50	10	45	N	--	--	--	--	--
1205	50	N	N	10	5	30	N	--	--	--	--	--
1206	50	N	N	25	5	30	N	--	--	--	--	--
						Sumdum A5--continued						
1156	100	N	N	20	15	80	N	--	--	6.20	2.58	--
1160	150	N	N	210	10	100	N	--	--	--	--	--
1161	100	N	N	5	10	45	N	--	--	6.80	2.22	--
1199	100	N	N	10	10	45	N	--	--	--	--	--
1201	150	N	N	25	10	80	<1	--	--	--	--	--
1203	100	N	N	30	10	70	<1	--	--	--	--	--
1204	100	N	N	20	15	75	<1	--	--	--	--	--
1205	150	N	N	20	15	75	N	--	--	5.30	2.37	--
1206	100	N	N	15	15	70	<1	--	--	6.05	2.12	--
1208	150	N	N	15	15	55	<1	--	--	4.80	1.96	--
						Sumdum A6--continued						
1145	70	N	N	30	15	120	N	--	--	<4.10	1.97	--
1149	100	N	N	30	15	90	N	--	--	5.20	1.93	--
1150	200	N	N	35	10	80	N	--	--	4.10	1.84	--
1151	100	N	N	40	15	90	N	--	--	3.80	1.94	--
1152	150	N	N	55	10	70	N	--	--	4.10	1.54	--
1153	70	N	N	45	10	70	N	--	--	4.00	1.33	--
1154	100	N	N	55	15	120	N	--	--	3.60	2.48	--
1155	70	N	N	55	10	110	N	--	--	<2.50	1.75	--
1157	150	N	N	30	15	120	N	--	--	6.30	3.02	--
1158	150	N	N	15	15	70	N	--	--	5.80	2.39	--
1171	100	N	N	45	20	150	<1	--	--	5.30	1.93	--
1173	100	N	N	85	10	65	N	--	--	3.20	1.31	--
1175	100	N	N	25	15	120	<1	--	--	5.10	1.78	--
1177	70	N	N	25	15	110	N	--	--	6.37	1.71	--
1179	100	N	N	25	10	110	N	--	--	6.40	2.17	--

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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
1197	57 0 30	133 50 15	2.0	1.0	.30	.50	2,000	<.5	N	N	30	1,500	1.5	N
1200	57 0 1	133 59 1	2.0	.7	.20	.50	3,000	N	N	N	30	500	1.0	N
1202	57 4 35	133 44 50	2.0	1.0	.70	.50	700	N	N	N	50	500	1.0	N
		Bradfield Canal A6--continued												
0857	56 1 40	131 59 0	10.0	7.0	10.00	.50	2,000	N	N	N	10	300	<1.0	N
0863	56 14 5	131 58 0	10.0	7.0	10.00	.50	2,000	N	N	N	20	700	2.0	N
0864	56 11 40	131 59 20	10.0	7.0	10.00	.70	1,500	N	N	N	20	700	2.0	N
0865	56 13 5	131 56 5	7.0	5.0	10.00	.70	1,500	N	N	N	10	700	1.0	N
0866	56 11 40	131 57 40	7.0	5.0	7.00	.50	2,000	N	N	N	15	300	1.0	N
0868	56 14 42	131 57 25	7.0	3.0	7.00	.30	2,000	N	N	N	20	500	1.0	N
		Bradfield Canal B6--continued												
0877	56 23 10	131 58 50	10.0	7.0	7.00	.30	2,000	N	N	N	10	700	3.0	N
0879	56 24 30	131 59 10	7.0	5.0	7.00	.30	1,000	N	N	N	10	1,000	3.0	N
0884	56 24 30	131 58 0	7.0	7.0	7.00	.50	1,500	N	N	N	10	500	2.0	N
0886	56 25 50	131 57 30	7.0	5.0	7.00	.30	1,500	N	N	N	<10	300	1.0	N
0888	56 26 10	131 57 40	10.0	5.0	7.00	.30	1,500	.5	N	N	<10	500	N	N
0889	56 27 7	131 56 45	10.0	5.0	7.00	.50	2,000	1.0	N	N	10	700	2.0	N
		Bradfield Canal C6--continued												
0890	56 30 5	131 57 40	7.0	3.0	5.00	.50	1,000	N	N	N	<10	300	2.0	N
0891	56 31 36	131 58 52	7.0	5.0	10.00	.50	1,500	N	N	N	10	700	2.0	N
0893	56 31 33	131 59 0	10.0	5.0	7.00	.50	1,500	N	N	N	<10	500	1.0	N
1016	56 36 22	131 59 20	5.0	2.0	3.00	.50	700	N	N	N	<10	1,000	1.5	N
1017	56 40 0	131 58 15	3.0	1.5	1.50	.30	700	N	N	N	<10	1,000	<1.0	N
1018	56 38 30	131 59 40	2.0	1.5	2.00	.50	1,000	N	N	N	<10	1,000	1.0	N
1019	56 42 40	131 59 15	3.0	1.5	2.00	.30	700	N	N	N	10	1,000	1.0	N
1021	56 40 10	131 58 35	3.0	1.5	2.00	.30	700	N	N	N	<10	1,500	1.0	N
1022	56 42 0	131 56 30	5.0	3.0	3.00	1.00	1,000	<.5	N	N	30	700	1.0	N
		Bradfield Canal D6--continued												
1023	56 47 15	131 59 20	5.0	.5	1.50	.30	500	N	N	N	<10	1,500	1.0	N

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--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	S-ZN
1197	N	30	100	30	20	<5	N	50	20	N	20	N	200	150	N	20	300
1200	N	20	50	30	20	<5	N	30	10	N	20	N	200	100	N	20	<200
1202	N	20	70	10	20	N	N	30	10	N	20	N	300	200	N	15	N
							Bradfield Canal A6--continued										
0857	N	30	700	30	N	N	N	100	10	N	15	N	500	150	N	20	N
0863	N	15	50	7	100	N	N	15	70	N	20	N	1,000	200	N	30	N
0864	N	20	500	20	20	N	N	50	50	N	20	N	700	300	N	20	N
0865	N	15	150	7	50	N	N	15	50	N	20	N	1,000	200	N	20	N
0866	N	20	150	10	30	N	N	15	20	N	20	N	500	300	N	30	N
0868	N	15	70	5	30	N	N	10	20	N	20	N	700	300	N	30	N
							Bradfield Canal B6--continued										
0877	N	30	150	20	30	N	N	30	70	N	20	N	700	300	N	20	N
0879	N	30	150	50	30	N	N	50	70	N	15	N	500	300	N	30	N
0884	N	30	150	70	50	N	N	50	70	N	20	N	500	200	N	50	N
0886	N	20	150	50	30	N	N	30	50	N	15	N	300	200	N	20	N
0888	N	30	150	70	50	N	N	50	70	N	20	N	300	300	N	50	N
0889	N	30	150	70	70	N	N	50	100	N	20	20	500	200	N	50	200
							Bradfield Canal C6--continued										
0890	N	20	50	15	30	N	N	15	50	N	15	N	700	100	N	20	N
0891	N	30	50	15	150	N	N	20	50	N	20	N	2,000	300	N	50	N
0893	N	30	50	15	100	N	N	20	50	N	15	N	1,000	300	N	50	N
1016	N	20	30	7	70	<5	<20	7	20	N	50	N	700	200	N	30	<200
1017	N	10	50	20	20	<5	N	20	15	N	20	N	500	100	N	10	N
1018	N	20	50	30	70	10	<20	20	10	N	30	N	700	150	N	20	N
1019	N	15	50	20	30	N	N	20	10	N	20	N	500	100	N	20	<200
1020	N	15	50	7	50	5	<20	20	10	N	20	N	1,000	100	N	20	<200
1022	N	50	200	50	50	N	<20	70	15	N	30	N	700	200	N	30	<200
							Bradfield Canal D6--continued										
1023	N	5	10	7	200	N	20	N	20	N	10	N	700	100	N	50	N

PETERSBURG STUDY AREA STREAM SEDIMENT ANALYSES--continued

Sample	S-ZR	S-TH	AA-AU-P	AA-CU-P	AA-PB-P	AA-ZN-P	CM-W-P	CM-TH-T	SI-F	AC-TH	AC-U	U-INST
1197	100	N	N	35	30	190	N	--	--	6.60	1.63	--
1200	70	N	N	40	15	150	<1	--	--	4.90	2.23	--
1202	100	N	N	15	15	70	<1	--	--	6.39	2.31	--
					Bradfield Canal A6--continued							
0857	70	N	N	25	20	60	N	--	--	3.30	1.47	--
0863	300	N	N	5	5	25	N	--	--	9.29	4.09	--
0864	100	N	N	10	20	100	N	--	--	4.70	2.52	--
0865	100	N	N	5	5	35	N	--	--	8.07	4.29	--
0866	100	N	N	5	65	65	N	--	--	8.66	2.89	--
0868	300	N	N	5	40	40	N	--	--	5.60	2.61	--
					Bradfield Canal B6--continued							
0877	70	N	.10	15	65	65	<2	--	--	12.90	4.34	--
0879	100	N	<.05	40	80	80	3	--	--	12.30	6.50	--
0884	100	N	N	40	60	60	5	--	--	9.72	4.29	--
0886	70	N	N	30	95	95	3	--	--	9.78	3.85	--
0888	100	N	N	40	90	90	<2	--	--	11.20	4.78	--
0889	300	N	N	35	60	400	3	--	--	8.32	3.83	--
					Bradfield Canal C6--continued							
0890	100	N	N	5	20	75	<2	--	--	7.57	2.30	--
0891	200	N	N	10	5	30	<2	--	--	9.52	2.90	--
0893	200	N	N	10	5	30	N	--	--	15.60	3.45	--
1016	200	N	N	<5	5	30	N	--	--	--	--	--
1017	100	N	N	25	5	40	3	--	--	--	--	--
1018	200	N	N	40	5	30	N	--	--	--	--	--
1019	150	N	N	20	5	30	N	--	--	--	--	--
1020	100	N	N	15	5	30	N	--	--	--	--	--
1022	200	N	N	35	10	50	<1	--	--	--	--	--
					Bradfield Canal D6--continued							
1023	500	N	N	5	5	25	N	--	--	--	--	--

Table 4.--Analytical results for 442 stream-sediment pebble samples, Petersburg study area, southeast Alaska.

[See page 6 for explanation. Table pages run from 132 to 170]

PETERSBURG STUDY AREA PEBBLES ANALYSES

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s	Be-ppm s
						Petersburg A1							
0108	56 11 9	132 15 45	5.0	3.00	.20	.500	500	N	N	N	50	1,500	1
0108A	56 11 9	132 15 45	7.0	3.00	.50	.500	500	N	N	N	<10	1,500	1
0130	56 12 30	132 16 0	5.0	2.00	.50	.500	500	N	N	N	150	1,000	1
0853	56 4 52	132 19 28	2.0	.30	.70	.150	200	N	N	N	<10	200	N
						Petersburg A2							
0088	56 4 56	132 25 0	1.0	.20	.10	.100	200	N	N	N	<10	200	5
0101	56 11 0	132 29 28	5.0	2.00	.20	.500	700	N	N	N	50	1,500	2
0102	56 10 0	132 22 30	5.0	2.00	.50	.500	500	1.0	N	N	20	1,500	1
0103	56 9 42	132 21 49	1.0	.05	.20	.050	100	N	N	N	<10	70	5
0347	56 12 45	132 24 40	10.0	2.00	2.00	1.000	2,000	N	N	N	10	100	1
0839	56 0 50	132 23 0	.5	.05	.10	.002	10	N	N	N	<10	150	N
						Petersburg A3							
0766	56 14 26	132 58 53	.3	.70	20.00	.010	150	N	N	N	<10	N	N
0790	56 6 29	132 51 25	5.0	2.00	2.00	.150	700	N	N	N	<10	100	N
0791A	56 3 23	132 56 48	3.0	.30	1.00	.150	150	N	N	N	<10	100	N
0791B	56 3 23	132 56 48	3.0	1.00	2.00	.100	700	N	N	N	10	150	N
0791C	56 3 23	132 56 48	1.0	.30	.50	.100	20	N	N	N	10	200	N
0791D	56 3 23	132 56 48	3.0	1.00	2.00	.200	1,000	N	N	N	10	700	N
0792	56 3 24	132 57 1	3.0	.70	.70	.150	500	N	N	N	30	200	N
0792	56 3 24	132 57 1	3.0	1.00	1.00	.150	700	N	N	N	10	150	N
0792A	56 3 24	132 57 1	.5	.05	.05	.020	10	N	N	N	<10	70	N
0792B	56 3 24	132 57 1	.5	.05	<.05	.020	100	N	N	N	<10	100	N
0793	56 3 34	132 56 52	3.0	1.00	2.00	.200	1,000	.5	N	N	<10	300	N
0793A	56 3 34	132 56 52	3.0	1.00	1.00	.150	700	N	N	N	30	150	N
0816	56 1 20	132 55 43	3.0	1.00	3.00	.100	700	N	N	N	<10	70	1
0818	56 3 24	132 57 35	3.0	.70	.70	.150	200	N	N	N	30	200	N
0819	56 4 24	132 58 56	.7	.50	.70	.020	200	N	N	N	<10	20	N
0819A	56 4 24	132 58 56	3.0	.70	1.00	.150	200	N	N	N	<10	150	N
0820	56 2 29	132 59 30	3.0	1.00	1.50	.150	700	N	N	N	20	200	N
0825	56 0 9	132 49 21	5.0	1.00	2.00	.150	1,000	N	N	N	<10	200	N
0830	56 1 59	132 58 1	5.0	1.00	3.00	.200	700	N	N	N	20	200	N
1388	56 3 16	132 56 52	1.0	.20	.10	.050	50	N	N	N	10	150	N

PETERSBURG STUDY AREA PEBBLES ANALYSES

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s
						Petersburg A1							
0108	N	N	30	200	100	20	N	N	100	10	N	20	N
0108A	N	N	30	500	100	20	N	N	100	20	N	30	N
0130	N	N	30	300	70	N	N	N	100	15	N	30	N
0853	N	N	N	N	<5	N	N	N	<5	N	N	5	N
						Petersburg A2							
0083	N	N	N	N	5	N	N	20	N	20	N	<5	N
0101	N	N	30	150	70	N	N	N	50	10	N	15	N
0102	N	N	50	300	200	20	10	N	100	20	N	20	N
0103	N	N	N	10	7	30	N	20	N	30	N	N	N
0347	N	N	50	N	70	N	N	N	5	10	N	30	N
0839	N	N	N	N	20	N	N	N	<5	N	N	N	N
						Petersburg A3							
0766	N	N	N	N	5	N	N	N	<5	N	N	N	N
0790	N	N	15	30	70	N	N	N	10	N	N	10	N
0791A	N	N	7	N	30	N	N	N	10	<10	N	5	N
0791B	N	N	5	N	7	N	N	N	5	N	N	N	N
0791C	N	N	5	50	50	N	N	N	15	N	N	N	N
0791D	N	N	7	N	5	N	N	N	5	10	N	5	N
0792	N	N	5	50	50	N	N	N	20	<10	N	7	N
0792	N	N	10	N	70	N	N	N	5	<10	N	5	N
0792A	N	N	N	N	7	N	N	N	5	N	N	N	N
0792B	N	N	N	N	5	N	N	N	5	N	N	N	N
0793	N	70	15	150	70	N	N	N	70	20	N	15	N
0793A	N	N	15	20	20	N	<5	N	20	10	N	7	N
0816	N	N	5	10	10	N	N	N	10	<10	N	7	N
0818	N	N	15	30	100	N	5	N	30	20	N	7	N
0819	N	N	N	N	20	N	N	N	10	N	N	N	N
0819A	N	N	15	20	70	N	<5	N	20	10	N	7	N
0820	N	N	7	10	70	N	N	N	15	<10	N	7	N
0825	N	N	15	N	100	N	N	N	5	<10	N	10	N
0830	N	N	15	15	70	N	5	N	30	30	N	10	N
1388	N	N	5	10	10	N	N	N	10	10	N	<5	N

P-2

PETERSBURG STUDY AREA PEBBLES ANALYSES

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	Cu-ppm aa	Pb-ppm aa	Zn-ppm aa	W-ppm cm
					Petersburg A1							
0108	100	200	N	20	N	150	N	N	55	10	25	N
0108A	200	200	N	20	300	150	N	N	80	10	15	N
0130	200	200	N	30	<200	150	N	N	20	10	15	N
0853	100	20	N	10	N	30	N	N	5	N	35	<2
					Petersburg A2							
0088	N	10	N	30	N	200	N	<.05	5	10	45	N
0101	200	300	N	20	N	100	N	<.05	50	10	90	N
0102	300	300	N	30	N	200	N	N	160	10	100	N
0103	N	10	N	30	N	200	N	N	<5	5	35	N
0347	100	500	N	70	N	200	N	N	10	10	130	N
0839	100	<10	N	N	N	N	N	N	75	N	10	<2
					Petersburg A3							
0766	300	<10	N	N	N	N	N	N	15	60	10	N
0790	300	150	N	N	N	N	N	N	85	5	30	N
0791A	N	150	N	N	N	50	N	N	85	70	180	<1
0791B	N	50	N	N	N	20	N	N	10	20	15	N
0791C	N	200	N	N	N	30	N	N	40	10	10	<1
0791D	700	150	N	<10	N	70	N	N	5	5	60	<1
0792	200	200	N	20	<200	70	N	N	40	10	160	N
0792	100	150	N	N	200	30	N	N	75	N	530	N
0792A	N	100	N	N	N	N	N	N	10	5	50	<2
0792B	N	150	N	N	N	N	N	N	10	15	45	<2
0793	300	150	N	N	2,000	30	N	N	85	10	6,000	N
0793A	200	200	N	10	N	70	N	N	50	5	60	N
0816	200	200	N	30	N	70	N	N	15	10	70	N
0818	200	150	N	<10	300	70	N	N	95	25	420	N
0819	N	150	N	N	300	30	N	N	30	N	460	N
0819A	200	150	N	<10	N	70	N	N	80	15	230	2
0820	N	150	N	<10	<200	70	N	N	80	20	230	N
0825	500	150	N	<10	N	20	N	N	140	10	90	<2
0830	100	150	N	20	<200	70	N	N	60	70	180	N
1388	N	200	N	N	200	30	N	N	10	30	190	<1

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s	Be-ppm s
						Petersburg A4							
0477	56 6 25	133 3 11	5.0	2.00	.15	.200	700	N	N	N	10	500	N
0803	56 9 27	133 9 46	7.0	.50	10.00	.050	1,000	N	N	N	<10	20	N
0808	56 5 13	133 4 15	5.0	1.00	2.00	.300	700	N	N	N	70	300	N
						Petersburg A5							
0711	56 6 7	133 35 33	3.0	2.00	5.00	.050	1,000	N	N	N	30	150	N
0711A	56 6 7	133 35 33	1.0	.50	3.00	.020	1,000	N	N	N	<10	20	N
0712	56 6 23	133 36 47	3.0	2.00	2.00	.200	700	N	N	N	<10	150	N
						Petersburg A6							
1024	56 5 22	133 58 0	7.0	3.00	3.00	.500	1,000	N	N	N	30	700	N
1024A	56 5 22	133 58 0	3.0	2.00	7.00	.100	1,000	N	N	N	<10	150	N
1026	56 7 53	133 57 40	3.0	1.00	3.00	.200	700	N	N	N	10	500	1
1023	56 14 8	133 55 35	7.0	2.00	1.50	.500	700	N	N	N	30	200	N
1029	56 5 19	133 58 40	2.0	.50	.70	.100	200	N	3,000	N	<10	150	N
1031B	56 6 5	133 57 30	3.0	.70	2.00	.150	700	7.0	N	N	30	150	N
1031C	56 6 5	133 57 30	3.0	1.00	1.00	.200	200	N	N	N	10	500	N
1031D	56 6 5	133 57 30	3.0	.70	1.00	.150	200	N	N	N	<10	300	N
1031E	56 6 5	133 57 30	3.0	1.00	2.00	.300	700	N	N	N	10	150	N
1033A	56 10 32	133 56 28	3.0	1.00	1.50	.300	700	N	N	N	10	300	N
1033B	56 10 32	133 56 28	3.0	1.00	2.00	.300	700	N	N	N	10	300	N
						Petersburg B1							
0228A	56 24 52	132 11 56	5.0	2.00	2.00	.300	1,000	N	N	N	10	1,000	1
0254	56 27 46	132 12 41	3.0	1.50	2.00	.200	500	1.0	N	N	<10	1,000	1
0875	56 22 36	132 4 5	3.0	.50	1.00	.150	700	N	N	N	<10	200	N
0833	56 26 15	132 0 6	3.0	.70	2.00	.500	700	N	N	N	<10	150	N
0885	56 26 16	132 0 21	3.0	.50	.50	.050	200	7.0	N	N	<10	150	10
						Petersburg B2							
0227	56 25 7	132 31 47	5.0	2.00	2.00	.200	2,000	N	N	N	<10	1,000	1
0227A	56 25 7	132 31 47	.1	.02	.07	.005	50	N	N	N	<10	N	N
0227B	56 25 7	132 31 47	5.0	2.00	2.00	.300	5,000	N	N	N	10	700	N
0227C	56 25 7	132 31 47	5.0	1.00	.50	.200	2,000	N	N	N	50	700	1
0228	56 24 52	132 31 48	2.0	1.00	2.00	.200	500	N	N	N	10	100	2

PETERSBURG STUDY AREA PEBBLES ANALYSES--continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s
						Petersburg A4							
0477	N	N	15	30	70	N	N	N	10	N	N	10	N
0803	N	N	5	N	50	N	10	N	10	15	N	N	N
0808	N	N	30	300	70	N	N	N	100	<10	N	20	N
						Petersburg A5							
0711	N	N	10	N	20	N	N	N	20	10	N	5	N
0711A	N	N	N	N	5	N	N	N	<5	N	N	N	N
0712	N	N	15	10	15	N	N	N	5	N	N	7	N
						Petersburg A6							
1024	N	N	20	30	70	N	N	N	20	<10	N	10	N
1024A	N	N	5	N	10	N	N	N	<5	N	N	N	N
1026	N	N	7	N	50	N	N	N	5	N	N	5	N
1028	N	N	20	N	70	N	N	N	15	<10	N	10	N
1029	N	N	5	N	10	N	N	N	10	N	100	N	N
1031B	N	N	10	N	50	N	N	N	5	70	100	5	N
1031C	N	N	15	20	70	N	<5	N	20	N	N	5	N
1031D	N	N	10	N	100	N	N	N	<5	N	N	N	N
1031E	N	N	15	20	50	N	N	N	15	N	N	7	N
1033A	N	N	10	20	20	N	N	N	5	N	N	7	N
1033B	N	N	15	20	50	N	N	N	10	N	N	7	N
						Petersburg B1							
0228A	N	N	30	200	20	N	N	N	30	20	N	15	N
0254	N	N	15	50	50	70	N	N	30	30	N	15	N
0875	N	N	15	30	70	N	N	N	20	N	N	7	N
0883	N	N	15	N	70	20	N	N	5	N	N	10	N
0885	10	N	10	N	10,000	70	50	20	<5	20	N	N	N
						Petersburg B2							
0227	N	N	30	20	50	N	N	N	15	15	N	15	N
0227A	N	N	N	N	<5	N	N	<20	N	N	N	N	N
0227B	N	N	50	100	100	N	N	N	50	15	N	15	N
0227C	N	N	30	70	100	N	5	N	50	15	N	15	N
0228	N	N	10	70	50	N	N	N	20	20	N	15	N

PETERSBURG STUDY AREA PEBBLES ANALYSES--continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	Cu-ppm aa	Pb-ppm aa	Zn-ppm aa	W-ppm cm
					Petersburg A4							
0477	500	150	N	N	N	30	N	N	85	20	95	N
0803	300	50	N	20	N	N	N	N	40	40	30	<2
0808	500	200	N	20	N	70	N	N	55	10	100	N
					Petersburg A5							
0711	700	50	N	20	<200	20	N	N	20	35	150	N
0711A	1,500	10	N	20	N	10	N	N	5	25	35	N
0712	500	150	N	20	N	30	N	N	20	N	10	N
					Petersburg A6							
1024	700	300	N	30	<200	150	N	<.05	50	10	55	N
1024A	300	30	N	<10	N	N	N	<.05	20	25	25	N
1026	500	100	N	20	N	70	N	<.05	35	10	55	N
1028	700	200	N	20	<200	100	N	<.05	50	10	90	N
1029	100	50	N	N	1,500	30	N	.09	15	N	1,100	1
1031B	100	100	N	N	300	70	N	N	30	170	500	1
1031C	N	150	N	<10	N	70	N	N	100	15	100	N
1031D	200	30	N	<10	N	50	N	N	180	10	25	N
1031E	300	100	N	N	N	50	N	N	65	20	70	N
1033A	300	100	N	10	N	100	N	N	45	15	120	N
1033B	700	100	N	10	N	100	N	N	65	15	110	N
					Petersburg B1							
0228A	500	200	N	20	N	100	N	N	10	10	60	N
0254	200	100	N	50	N	200	N	N	45	15	85	N
0375	200	150	N	<10	N	70	N	N	70	5	85	N
0883	100	200	N	30	N	150	N	N	95	5	25	<2
0885	100	<10	N	20	N	200	N	.45	80	15	150	<2
					Petersburg B2							
0227	700	200	N	20	N	100	N	N	40	15	70	N
0227A	N	10	N	N	N	N	N	N	N	<5	N	N
0227B	500	200	N	20	N	100	N	.30	70	15	100	N
0227C	200	200	N	20	200	100	N	N	70	10	120	N
0228	700	200	N	20	N	100	N	N	10	5	40	N

PETERSBURG STUDY AREA PEBBLES ANALYSES--continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s	Be-ppm s
0230	56 22 21	132 33 35	7.0	2.00	1.00	.500	2,000	N	N	N	50	1,000	1
0232	56 22 10	132 29 5	15.0	10.00	5.00	1.000	5,000	N	N	N	10	300	N
0266	56 18 42	132 20 38	5.0	2.00	1.00	.500	500	1.0	N	N	150	1,000	1
0905	56 18 42	132 39 32	3.0	1.00	2.00	.300	700	N	700	N	30	200	N
						Petersburg B3							
0029	56 24 38	132 54 25	7.0	2.00	1.00	.500	1,500	N	N	N	30	1,500	N
						Petersburg B4							
0755	56 17 20	133 14 53	3.0	1.00	3.00	.300	700	N	N	N	50	300	N
0755A	56 17 20	133 14 53	3.0	.50	1.00	.500	500	N	N	N	100	500	1
0759	56 19 7	133 10 10	7.0	2.00	2.00	.300	3,000	N	N	N	10	500	1
						Petersburg B5							
0694	56 28 20	133 39 50	2.0	.05	2.00	.150	700	N	N	N	<10	500	1
0694	56 28 19	133 39 48	1.0	.02	<.05	.100	50	N	N	N	<10	70	1
0694A	56 28 20	133 39 50	3.0	.50	3.00	.150	700	N	N	N	N	150	N
0694A	56 28 19	133 39 48	5.0	.70	.70	.500	700	N	N	N	<10	150	5
0694B	56 28 19	133 39 48	3.0	.05	<.05	.100	700	N	200	N	<10	70	3
0729	56 18 4	133 31 55	5.0	.70	2.00	.300	700	N	N	N	20	500	1
0730	56 17 31	133 28 14	5.0	1.00	1.00	.500	700	N	N	N	30	500	N
1230	56 26 15	133 33 56	3.0	.70	1.00	.300	700	N	N	N	<10	150	N
1232	56 26 14	133 33 10	3.0	.50	1.00	.300	700	N	N	N	<10	150	5
1233	56 26 56	133 29 40	3.0	<.02	<.05	.150	500	N	N	N	<10	N	3
1233A	56 26 56	133 29 40	3.0	<.02	<.05	.150	200	N	N	N	<10	N	3
1233B	56 26 56	133 29 40	3.0	.03	N	.150	200	N	N	N	<10	<20	5
1233C	56 26 56	133 29 40	7.0	.02	<.05	.150	150	N	N	N	<10	<20	3
1234	56 27 2	133 29 15	3.0	.10	1.50	.150	1,000	N	N	N	10	150	3
1236	56 29 59	133 26 28	3.0	.05	.05	.150	150	N	N	N	<10	100	3
						Petersburg B6							
1035	56 17 43	133 55 58	5.0	2.00	3.00	.500	700	N	N	N	10	70	N
1057	56 19 45	133 53 35	5.0	.50	.10	.150	100	N	N	N	20	300	3
1060	56 21 45	133 53 30	5.0	.70	1.50	.500	700	N	N	N	<10	500	2
						Petersburg C1							
1009A	56 38 18	132 9 10	1.0	.05	<.05	.010	N	1.0	700	N	10	70	N
1009B	56 38 18	132 9 10	3.0	.70	1.00	.150	200	N	N	N	<10	700	N
1009C	56 38 18	132 9 10	5.0	2.00	1.50	.300	700	N	N	N	20	1,000	N
1358	56 42 28	132 19 15	3.0	1.00	1.50	.200	700	N	N	N	<10	700	N
1363	56 42 4	132 14 51	3.0	.70	1.00	.200	700	N	N	N	<10	700	N

PETERSBURG STUDY AREA PEBBLES ANALYSES--continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s
0230	N	N	50	150	100	N	N	N	50	20	N	20	N
0232	N	N	100	150	200	N	N	N	50	<10	N	100	N
0266	N	N	10	200	70	N	5	N	15	20	N	20	N
0905	N	N	15	70	70	N	N	N	30	<10	N	10	15
					Petersburg B3								
0029	N	N	20	70	150	100	N	N	70	<10	N	15	N
					Petersburg B4								
0755	N	N	15	20	50	50	N	N	15	<10	N	10	N
0755A	N	N	20	10	70	20	N	N	15	10	N	15	N
0759	N	N	15	50	50	30	N	70	50	50	N	7	N
					Petersburg B5								
0694	N	N	N	N	5	N	N	N	<5	<10	N	<5	N
0694	N	N	<5	N	<5	N	N	N	5	<10	N	N	N
0694A	N	N	15	N	5	N	N	N	<5	N	N	5	N
0694A	N	N	10	10	7	20	N	70	20	<10	N	7	N
0694B	N	N	N	N	<5	N	7	70	<5	<10	N	N	N
0729	N	N	10	20	30	20	N	N	10	20	N	7	N
0730	N	N	15	50	50	20	N	N	20	<10	N	10	N
1230	N	N	10	20	30	N	N	N	10	<10	N	7	N
1232	N	N	5	N	10	30	N	50	5	<10	N	5	N
1233	N	N	N	N	<5	70	5	70	<5	10	N	5	N
1233A	N	N	5	N	<5	20	N	70	<5	10	N	<5	N
1233B	N	N	N	N	<5	30	N	70	<5	10	N	<5	N
1233C	N	N	N	N	<5	N	N	100	<5	10	N	5	<10
1234	N	N	10	20	7	50	N	30	10	10	N	<5	N
1236	N	N	N	N	<5	20	N	30	<5	<10	N	N	N
					Petersburg B6								
1035	N	N	20	20	50	N	N	N	15	N	N	7	N
1057	N	N	5	N	20	N	N	30	10	<10	N	5	N
1060	N	N	10	N	20	30	N	N	5	<10	N	7	N
					Petersburg C1								
1009A	N	N	5	N	100	N	N	N	<5	70	N	N	N
1009B	N	N	5	30	70	N	20	N	70	N	N	5	N
1009C	N	N	15	70	70	100	N	N	30	10	N	10	N
1358	N	N	7	20	20	N	N	N	5	N	N	10	N
1363	N	N	10	N	10	N	N	N	5	N	N	<5	N

PETERSBURG STUDY AREA PEBBLES ANALYSES--continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	Cu-ppm aa	Pb-ppm aa	Zn-ppm aa	W-ppm cm
0230	300	300	N	30	<200	150	N	N	70	15	90	N
0232	300	1,500	N	30	<200	30	N	N	70	5	15	N
0266	500	200	N	50	N	200	N	N	40	10	30	N
0905	300	150	N	20	N	100	N	N	85	10	85	N
						Petersburg B3						
0029	200	300	N	30	N	200	N	N	100	10	95	<1
						Petersburg B4						
0755	500	200	N	20	N	150	N	N	25	15	50	N
0755A	200	200	N	20	N	200	N	N	40	15	65	1
0759	700	100	N	20	N	70	N	N	40	20	130	N
						Petersburg B5						
0694	200	30	N	20	N	200	N	N	5	5	5	N
0694	N	N	N	20	N	150	N	N	<5	10	5	2
0694A	100	100	N	N	N	50	N	N	10	5	75	N
0694A	100	70	N	50	N	500	N	N	10	10	100	2
0694B	N	N	N	50	N	700	N	N	<5	20	120	2
0729	700	100	N	30	N	300	N	N	15	10	35	N
0730	200	200	N	30	N	200	N	N	25	5	45	<1
1230	150	150	N	10	N	100	N	N	45	10	60	<1
1232	100	30	N	50	N	700	N	<.05	15	15	65	N
1233	N	N	N	100	<200	700	N	N	<5	20	190	1
1233A	N	N	N	70	<200	700	N	N	<5	20	140	1
1233B	N	N	N	100	200	700	N	N	<5	25	200	4
1233C	N	N	N	100	<200	1,000	N	N	<5	20	130	5
1234	100	20	N	50	N	500	N	N	15	20	30	2
1236	100	<10	N	50	N	500	N	<.05	<5	10	70	3
						Petersburg B6						
1035	300	150	N	10	N	70	N	N	60	20	70	N
1057	N	100	N	50	200	500	N	N	25	20	130	<1
1060	100	50	N	30	N	200	N	N	20	10	70	<1
						Petersburg C1						
1009A	N	10	N	N	1,000	N	N	.90	95	280	1,700	N
1009B	N	500	N	30	1,500	70	N	.05	55	5	1,250	<1
1009C	100	150	N	30	<200	100	N	.05	65	15	220	<1
1358	300	150	N	10	N	70	N	N	70	5	45	N
1363	300	100	N	N	N	150	N	N	20	5	50	N

Sample	Latitude	Longitude	Fe-pct.s	Mg-pct.s	Ca-pct.s	Ti-pct.s	Mn-ppms	Ag-ppms	As-ppms	Au-ppms	B-ppms	Ba-ppms	Be-ppms
						Petersburg C2							
0308	56 34 28	132 21 47	1.0	1.00	2.00	.100	500	N	N	N	<10	200	1
1354	56 44 41	132 25 35	3.0	.70	1.00	.200	700	N	N	N	<10	700	N
1355	56 44 54	132 23 35	3.0	.70	1.00	.200	500	N	N	N	<10	700	N
1356	56 42 40	132 29 38	3.0	.70	1.00	.200	500	N	N	N	10	1,000	N
1357	56 42 45	132 26 42	3.0	.70	1.00	.200	700	N	N	N	10	200	1
1359	56 40 23	132 25 34	2.0	.70	1.00	.150	500	N	N	N	20	700	N
1361	56 40 21	132 25 21	3.0	1.00	1.00	.200	700	N	N	N	<10	500	N
1364	56 38 7	132 28 41	3.0	1.00	1.00	.200	700	N	N	N	10	300	N
1365	56 37 26	132 32 45	1.0	.50	1.00	.100	150	N	N	N	<10	150	1
						Petersburg C3							
0172	56 31 26	132 54 7	5.0	1.50	2.00	.200	2,000	N	N	N	<10	1,000	1
0172A	56 31 26	132 54 7	1.0	.20	1.00	.050	1,000	N	N	N	<10	700	1
0175	56 30 5	132 49 10	10.0	5.00	10.00	.300	5,000	N	N	N	10	2,000	N
0998	56 42 9	132 57 21	.1	.02	<.05	.002	50	N	N	N	<10	N	N
1288	56 42 33	132 55 55	3.0	.70	.20	.150	150	N	N	N	10	200	N
1294	56 41 16	132 43 59	3.0	.50	.50	.200	200	N	N	N	30	150	N
1296	56 40 56	132 43 15	3.0	1.00	2.00	.300	700	N	N	N	<10	200	N
1298	56 41 1	132 43 15	7.0	2.00	1.50	.300	700	N	N	N	20	500	N
1300	56 39 4	132 46 33	3.0	.70	.70	.150	200	N	N	N	30	700	N
1301	56 38 15	132 40 18	3.0	.70	.50	.200	500	N	N	N	10	500	N
1302	56 39 5	132 46 46	5.0	1.00	2.00	.300	700	N	N	N	<10	500	N
1304	56 43 16	132 54 30	3.0	1.00	.70	.200	500	N	N	N	20	500	N
						Petersburg C4							
0178	56 40 18	133 15 30	3.0	2.00	2.00	.300	1,000	N	N	N	100	5,000	N
0414	56 32 5	133 8 12	3.0	2.00	3.00	.100	2,000	N	<200	N	<10	150	N
0925	56 36 10	133 16 10	5.0	1.00	2.00	.500	700	N	N	N	<10	150	N
1240	56 31 29	133 9 38	3.0	1.00	2.00	.200	500	N	N	N	<10	150	N
1276	56 41 15	133 1 2	3.0	.70	1.50	.150	500	N	N	N	<10	150	N
1277	56 41 6	133 1 14	3.0	.70	.50	.200	200	N	N	N	10	150	N
1279	56 38 30	133 15 51	3.0	.70	1.00	.200	700	N	N	N	<10	200	1
1280	56 39 47	133 15 28	3.0	.70	2.00	.700	700	N	N	N	<10	200	1
1281	56 40 0	133 6 11	2.0	1.00	3.00	.050	1,000	N	N	N	<10	500	N
1283	56 43 46	133 11 13	5.0	.70	2.00	.200	700	N	N	N	<10	200	N
1284	56 42 25	133 7 45	3.0	.70	.70	.150	700	N	N	N	10	200	N
1285	56 43 53	133 8 59	3.0	.70	1.00	.150	500	N	N	N	<10	100	N
1286	56 41 44	133 4 6	5.0	1.00	2.00	.200	700	N	N	N	<10	100	N
1287	56 42 5	133 5 0	3.0	.70	.70	.150	200	N	N	N	<10	200	N
1289	56 41 36	133 3 20	3.0	1.00	1.00	.300	500	N	N	N	<10	100	N

PETERSBURG STUDY AREA PEBBLES ANALYSES--continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s
Petersburg C2													
0308	N	N	5	10	5	N	N	N	<5	20	N	N	N
1354	N	N	7	N	20	N	N	N	5	N	N	5	N
1355	N	N	7	30	20	N	N	N	10	N	N	7	N
1356	N	N	10	70	15	N	N	N	20	N	N	7	N
1357	N	N	10	70	20	N	N	N	30	N	N	7	N
1359	N	N	5	N	10	N	N	N	5	<10	N	5	N
1361	N	N	15	100	70	N	7	N	50	N	N	5	N
1364	N	N	10	70	20	N	N	N	50	<10	N	7	N
1365	N	N	5	10	15	N	N	N	15	<10	N	N	N
Petersburg C3													
0172	N	N	15	20	50	N	N	N	10	30	N	10	N
0172A	N	N	N	N	10	N	N	N	N	50	N	N	N
0175	N	N	50	300	150	N	N	N	50	10	N	30	N
0998	N	N	5	N	<5	N	N	N	5	N	N	N	N
1288	N	N	10	70	15	N	N	N	50	N	N	<5	N
1294	N	N	10	30	15	N	N	N	20	N	N	5	N
1296	N	N	15	70	20	N	N	N	50	N	N	7	N
1298	N	N	20	200	70	N	N	N	70	<10	N	10	N
1300	N	N	10	100	15	N	N	N	50	10	N	<5	N
1301	N	N	10	70	10	N	N	N	15	N	N	7	N
1302	N	N	15	50	70	N	N	N	15	N	N	7	N
1304	N	N	15	200	50	N	N	N	100	N	N	7	N
Petersburg C4													
0178	N	N	10	30	70	N	N	N	30	10	N	10	N
0414	N	N	10	50	20	N	N	N	20	10	N	5	N
0925	N	N	20	70	15	N	N	N	20	N	N	10	N
1240	N	N	15	70	10	N	N	N	30	N	N	10	N
1276	N	N	5	N	10	N	N	N	5	N	N	<5	N
1277	N	N	15	70	10	N	N	N	15	N	N	5	N
1279	N	N	10	10	15	N	N	N	5	10	N	5	N
1280	N	N	15	N	10	N	N	N	5	<10	N	10	N
1281	N	N	5	N	10	N	N	N	10	N	N	N	N
1293	N	N	15	N	100	N	N	N	5	N	N	7	N
1284	N	N	N	10	20	N	N	N	<5	N	N	5	N
1285	N	N	10	N	200	N	7	N	<5	N	N	<5	N
1286	N	N	15	70	70	N	N	N	30	<10	N	10	N
1287	N	N	5	50	10	N	N	N	20	N	N	<5	N
1289	N	N	15	70	70	N	N	N	30	N	N	7	N

PETERSBURG STUDY AREA PEBBLES ANALYSES--continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	Cu-ppm aa	Pb-ppm aa	Zn-ppm aa	W-ppm cm
					Petersburg C2							
0308	700	20	N	N	N	50	N	N	10	5	15	N
1354	200	50	N	10	N	100	N	N	55	5	30	N
1355	200	100	N	10	N	70	N	N	40	5	45	N
1356	300	100	N	<10	N	100	N	N	20	5	30	N
1357	300	100	N	<10	<200	100	N	N	30	5	55	N
1359	300	50	N	<10	N	100	N	N	15	5	40	N
1361	300	150	N	N	N	70	N	N	130	5	55	N
1364	300	150	N	<10	N	70	N	N	30	10	80	N
1365	300	20	N	N	N	100	N	N	15	<5	30	N
					Petersburg C3							
0172	1,000	200	N	30	N	150	N	N	25	5	45	N
0172A	200	30	N	10	N	70	N	N	10	25	15	N
0175	1,000	200	N	20	<200	70	N	N	150	5	5	N
0998	N	<10	N	N	N	N	N	N	5	N	50	N
1238	100	70	N	N	N	70	N	N	30	10	80	N
1294	100	50	N	N	N	50	N	N	45	10	40	N
1296	700	150	N	N	N	70	N	N	40	15	75	1
1298	200	150	N	10	<200	100	N	N	45	15	85	N
1300	200	50	N	N	<200	30	N	N	20	10	30	N
1301	N	100	N	N	N	70	N	N	20	10	35	N
1302	300	150	N	<10	N	70	N	N	50	15	65	N
1304	100	100	N	N	N	100	N	N	25	15	90	N
					Petersburg C4							
0178	1,000	200	N	20	N	100	N	N	50	20	35	2
0414	500	100	N	10	N	50	N	.15	20	20	45	N
0925	200	150	N	20	N	100	N	N	25	15	80	N
1240	200	150	N	N	N	30	N	N	15	<5	10	N
1276	300	150	N	N	N	50	N	N	20	10	25	N
1277	100	150	N	<10	N	150	N	N	15	10	65	<1
1279	100	100	N	30	N	200	N	N	20	15	60	1
1280	500	300	N	20	<200	150	N	N	15	15	130	N
1281	N	20	N	N	N	20	N	N	15	20	20	N
1283	700	300	N	10	N	70	N	N	130	10	50	N
1284	100	150	N	N	N	70	N	N	40	15	60	N
1285	500	150	N	<10	N	100	N	N	370	5	40	N
1286	500	300	N	<10	N	30	N	N	70	20	45	N
1287	100	70	N	N	N	70	N	N	20	10	50	N
1289	N	150	N	N	N	70	N	N	85	10	50	N

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s	Be-ppm s
1291	56 41 47	133 3 15	3.0	.70	1.50	.200	500	N	N	N	10	200	N
1367	56 35 0	133 2 0	2.0	.70	2.00	.150	700	N	N	N	10	150	N
1368	56 31 55	133 2 58	7.0	2.00	2.00	.200	700	N	N	N	10	300	N
1368A	56 31 55	133 2 58	3.0	.70	1.00	.150	700	N	N	N	<10	200	N
1368B	56 31 55	133 2 58	.5	.30	1.00	.020	100	N	N	N	<10	70	N
					Petersburg C5								
0189	56 39 2	133 22 26	7.0	.70	2.00	1.000	1,000	N	N	N	20	700	1
0221	56 43 14	133 29 27	5.0	2.00	.50	.200	500	1.0	N	N	50	1,000	1
1228	56 33 16	133 33 25	3.0	.05	<.05	.100	500	N	N	N	<10	N	3
1228A	56 33 22	133 33 25	.3	.02	.15	.100	150	N	N	N	10	150	2
1231	56 33 26	133 33 28	3.0	.02	<.05	.150	200	N	N	N	10	N	3
1231A	56 33 26	133 33 28	2.0	.02	<.05	.100	200	N	N	N	10	<20	3
1231B	56 33 26	133 33 28	2.0	.07	1.00	.050	70	N	N	N	10	70	5
1235	56 44 31	133 39 42	1.0	.05	.20	.050	100	N	N	N	10	500	3
					Petersburg C6								
1084	56 33 10	133 59 20	5.0	.50	1.00	.500	1,000	N	N	N	<10	300	3
1091	56 33 30	133 57 56	5.0	.70	1.50	.700	700	N	N	N	<10	200	1
					Petersburg D1								
0373	56 46 32	132 8 30	3.0	2.00	5.00	.200	1,000	N	N	N	<10	>5,000	N
0374	56 48 14	132 7 50	10.0	3.00	7.00	1.000	1,500	1.5	N	N	<10	200	1
					Petersburg D2								
1309	56 56 5	132 38 50	2.0	.70	1.50	.150	200	N	N	N	<10	150	3
1320	56 51 52	132 35 43	3.0	.70	1.50	.200	200	N	N	N	<10	1,000	N
1321	56 51 59	132 37 28	3.0	.70	1.00	.200	500	N	N	N	<10	500	N
1322	56 52 2	132 35 47	3.0	.70	1.50	.200	200	N	N	N	<10	200	N
1325	56 52 55	132 39 23	2.0	.50	1.00	.150	150	N	N	N	<10	700	N
1327	56 53 4	132 39 30	3.0	1.00	1.50	.200	500	N	N	N	<10	700	1
1331	56 50 40	132 39 38	3.0	.70	1.00	.200	700	N	N	N	10	700	N
1339	56 47 34	132 35 25	2.0	.70	.70	.150	200	N	N	N	20	200	N
1341	56 46 23	132 36 21	2.0	.70	1.00	.150	150	N	N	N	30	150	N
1342	56 46 33	132 31 12	1.0	.20	1.00	.100	500	N	N	N	10	200	N
1343	56 47 30	132 30 47	3.0	1.00	1.50	.300	500	N	N	N	<10	150	N
1344	56 45 24	132 31 46	3.0	.70	.70	.200	300	N	N	N	20	150	N
1345	56 47 31	132 30 57	3.0	.70	1.50	.200	500	N	N	N	<10	500	N
1346	56 47 33	132 27 24	3.0	.70	1.00	.200	500	N	N	N	<10	700	N
1347	56 49 15	132 31 15	3.0	.70	1.50	.200	500	N	N	N	<10	200	N
1348	56 45 53	132 25 51	3.0	1.00	1.50	.150	700	N	N	N	<10	200	N
1349	56 49 15	132 26 27	3.0	.70	1.00	.100	150	N	N	N	<10	300	N
1350	56 45 58	132 25 41	3.0	1.00	2.00	.200	700	N	N	N	<10	500	N
1351	56 48 47	132 22 17	2.0	.30	.70	.150	300	N	N	N	<10	150	N
1351A	56 48 47	132 22 17	3.0	.70	1.00	.200	500	N	N	N	<10	300	N

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s
1291	N	N	10	N	10	N	N	N	5	N	N	5	N
1367	N	N	<5	20	7	N	N	N	10	N	N	5	N
1363	N	N	30	300	5	N	N	N	100	N	N	10	N
1368A	N	N	15	100	20	N	N	N	30	N	N	7	N
1368B	N	N	<5	20	<5	N	N	N	5	N	N	N	N
						Petersburg C5							
0189	N	N	20	30	70	50	N	30	20	20	N	20	N
0221	N	N	50	200	200	N	5	N	100	15	N	15	N
1228	N	N	N	N	<5	20	N	70	<5	<10	N	N	N
1228A	N	N	<5	N	<5	20	N	<20	5	10	N	N	N
1231	N	N	N	N	7	20	N	70	<5	15	N	5	<10
1231A	N	N	N	N	<5	20	N	30	<5	15	N	N	N
1231B	N	N	N	N	5	20	N	50	<5	10	N	N	N
1235	N	N	N	N	N	20	N	N	<5	<10	N	N	N
						Petersburg C6							
1084	N	N	5	N	5	20	N	30	<5	<10	N	7	N
1091	N	N	15	N	15	N	N	N	<5	<10	N	10	N
						Petersburg D1							
0373	N	N	15	10	70	70	N	N	5	30	N	15	N
0374	N	N	70	200	300	N	5	N	100	15	N	50	N
						Petersburg D2							
1309	N	N	5	10	5	150	N	N	10	<10	N	<5	N
1320	N	N	15	20	70	N	N	N	30	N	N	5	N
1321	N	N	10	20	50	N	N	N	10	N	N	5	N
1322	N	N	10	20	1,000	N	N	N	10	N	N	N	N
1325	N	N	10	20	50	N	5	N	50	N	N	5	N
1327	N	N	15	30	20	N	N	N	15	<10	N	7	N
1331	N	N	10	30	20	N	N	N	10	N	N	5	N
1339	N	N	7	50	15	N	N	N	15	N	N	5	N
1341	N	N	5	10	20	N	N	N	15	N	N	7	N
1342	N	N	5	20	15	N	<5	N	5	N	N	5	N
1343	N	N	15	30	70	N	5	N	10	N	N	7	N
1344	N	N	15	70	10	N	N	N	50	N	N	7	N
1345	N	N	15	30	30	N	N	N	10	<10	N	7	N
1346	N	N	10	30	70	N	N	N	10	<10	N	7	N
1347	N	N	15	50	70	N	N	N	50	N	N	7	N
1348	N	N	15	200	70	N	<5	N	50	N	N	7	N
1349	N	N	5	20	30	N	N	N	10	N	N	N	N
1350	N	N	15	30	70	N	N	N	10	N	N	7	N
1351	N	N	5	N	20	N	N	N	5	N	N	5	N
1351A	N	N	15	N	70	N	N	N	15	N	N	7	N

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	Cu-ppm aa	Pb-ppm aa	Zn-ppm aa	W-ppm cm
1291	300	100	N	<10	N	70	N	N	80	10	65	N
1367	300	70	N	N	N	70	N	N	15	15	60	N
1368	100	150	N	<10	200	20	N	N	<5	15	170	N
1368A	100	100	N	N	N	20	N	N	40	10	65	N
1368B	N	10	N	N	N	N	N	N	<5	5	10	N
					Petersburg C5							
0189	700	500	N	50	N	500	N	N	40	10	85	<1
0221	200	200	N	20	200	100	N	N	150	10	10	N
1228	N	N	N	70	N	700	N	N	<5	10	100	1
1228A	N	N	N	20	N	150	N	N	<5	5	20	1
1231	N	N	N	70	N	700	N	N	<5	20	75	3
1231A	N	N	N	50	N	500	N	<.05	<5	15	110	3
1231B	100	N	N	100	N	500	N	N	<5	10	25	<1
1235	N	N	N	20	N	100	N	N	<5	5	10	1
					Petersburg C6							
1084	100	20	N	50	N	700	N	N	<5	10	85	<1
1091	100	200	N	30	N	200	N	N	10	15	70	<1
					Petersburg D1							
0373	1,500	100	N	50	N	10	N	N	120	5	5	N
0374	2,000	500	N	50	N	200	N	N	180	5	5	N
					Petersburg D2							
1309	100	20	N	20	N	100	N	N	15	10	10	N
1320	100	70	N	N	200	70	N	N	60	15	220	N
1321	100	100	N	<10	N	70	N	N	65	20	115	N
1322	100	70	N	N	N	150	N	N	870	15	140	N
1325	100	200	N	<10	300	70	N	N	75	10	660	N
1327	500	100	N	<10	<200	150	N	N	20	10	50	N
1331	100	100	N	<10	N	70	N	N	20	15	55	N
1339	100	150	N	N	<200	70	N	N	35	10	55	N
1341	100	100	N	10	<200	50	N	N	45	15	180	N
1342	100	100	N	10	<200	50	N	N	35	15	130	N
1343	N	150	N	10	N	70	N	N	80	15	15	N
1344	100	50	N	<10	N	70	N	N	30	15	55	N
1345	200	100	N	<10	N	15	N	N	20	15	50	N
1346	100	150	N	N	N	100	N	N	90	15	120	N
1347	100	150	N	<10	N	70	N	N	45	15	75	N
1348	100	70	N	<10	N	30	N	N	80	5	30	N
1349	100	30	N	N	N	70	N	N	35	5	40	N
1350	300	70	N	<10	N	70	N	N	85	<5	10	<1
1351	300	15	N	30	N	200	N	N	40	<5	45	1
1351A	100	70	N	<10	N	100	N	N	120	10	<5	N

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s	Be-ppm s
1352	56 46 5	132 28 2	3.0	.70	1.00	.200	200	N	N	N	<10	500	1
1353	56 46 3	132 27 54	2.0	.50	.20	.500	150	N	N	N	<10	300	N
1398	56 48 10	132 32 25	3.0	1.00	2.00	.300	700	N	N	N	10	1,500	N
					Petersburg D3								
1244	56 47 10	132 59 32	2.0	.50	.50	.150	200	N	N	N	15	200	N
1269	56 54 15	132 58 22	1.0	.50	.50	.100	100	N	N	N	<10	150	N
1270	56 53 59	132 58 14	3.0	.70	1.00	.200	200	N	N	N	10	200	N
1271	56 52 37	132 58 49	3.0	.70	1.50	.200	700	N	N	N	10	500	1
1272	56 51 21	132 56 50	3.0	1.00	2.00	.200	700	N	N	N	10	500	N
1273	56 52 45	132 58 47	3.0	1.00	1.50	.200	700	N	N	N	<10	300	N
1274	56 45 15	132 58 42	3.0	.70	1.00	.150	700	N	N	N	10	150	N
1275	56 50 30	132 56 30	3.0	.70	.70	.150	200	N	N	N	10	200	N
1290	56 46 44	132 55 5	3.0	.70	1.50	.200	500	N	N	N	<10	150	N
1292	56 45 10	132 51 5	5.0	1.00	1.50	.300	700	N	N	N	<10	200	N
1293	56 47 43	132 51 45	3.0	.70	1.50	.200	700	N	N	N	<10	300	N
1295	56 46 6	132 48 49	2.0	.70	1.00	.150	200	N	N	N	<10	300	N
1297	56 46 11	132 48 42	5.0	1.00	2.00	.300	1,000	N	N	N	<10	700	1
1299	56 45 2	132 47 34	3.0	.70	.70	.200	500	N	N	N	20	200	N
1305	56 58 25	132 46 54	3.0	.70	1.00	.200	150	N	N	N	<10	200	N
1305A	56 58 25	132 46 54	.5	.10	.70	.010	500	N	N	N	<10	200	2
1306	56 59 30	132 47 10	3.0	.70	1.50	.200	700	N	N	N	<10	500	N
1307	56 59 20	132 43 33	3.0	.70	1.50	.150	200	N	N	N	<10	700	1
1308	56 59 44	132 40 5	3.0	.50	1.00	.150	500	N	N	N	<10	700	1
1310	56 56 26	132 40 28	3.0	.70	1.50	.200	500	N	N	N	<10	700	N
1311	56 56 35	132 41 35	2.0	.70	1.00	.150	200	N	N	N	<10	700	N
1312	56 56 52	132 41 39	3.0	.70	1.50	.200	500	N	N	N	<10	700	1
1313	56 56 47	132 42 56	3.0	.70	1.50	.150	300	N	N	N	<10	500	N
1314	56 57 6	132 47 0	2.0	.70	1.00	.150	150	N	N	N	<10	500	N
1316	56 55 28	132 49 4	3.0	1.00	2.00	.150	700	N	N	N	<10	500	N
1317	56 56 23	132 44 35	5.0	.70	2.00	.300	500	N	N	N	<10	500	N
1318	56 54 36	132 44 26	3.0	.70	2.00	.150	500	N	N	N	<10	200	N
1323	56 53 11	132 42 12	3.0	.70	1.00	.200	700	N	N	N	10	300	N
1324	56 53 29	132 41 12	5.0	.70	1.00	.200	500	N	N	N	20	700	N
1326	56 51 53	132 41 54	3.0	.70	1.00	.200	500	N	N	N	20	700	N
1328	56 57 6	132 52 20	3.0	1.00	2.00	.300	700	N	N	N	<10	1,000	2
1329	56 53 9	132 41 56	1.0	1.00	10.00	.100	5,000	N	N	N	N	20	N
1329A	56 53 9	132 41 56	2.0	.70	1.00	.150	200	N	N	N	30	500	N
1330	56 57 56	132 54 40	2.0	.50	.70	.100	150	N	N	N	<10	300	N
1332	56 59 33	132 54 54	2.0	.20	.70	.150	200	N	N	N	<10	700	N

PETERSBURG STUDY AREA PEBBLES ANALYSES--continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s
1352	N	N	5	N	10	N	N	N	5	N	N	<5	N
1353	N	N	7	20	50	N	5	N	30	N	N	5	N
1398	N	N	10	20	70	50	7	N	30	<10	N	10	N
						Petersburg D3							
1244	N	N	5	N	10	N	N	N	5	<10	N	<5	N
1269	N	N	5	N	300	N	N	N	5	N	N	N	N
1270	N	N	5	N	10	N	N	N	5	N	N	5	N
1271	N	N	10	10	50	N	N	N	10	<10	N	7	N
1272	N	N	15	70	20	N	N	N	15	<10	N	10	N
1273	N	N	10	30	30	N	N	N	15	<10	N	7	N
1274	N	N	5	10	15	N	N	N	10	<10	N	<5	N
1275	N	N	5	70	7	N	N	N	10	N	N	<5	N
1290	N	N	10	N	7	N	N	N	5	N	N	5	N
1292	N	N	15	N	70	N	N	N	15	N	N	7	N
1293	N	N	10	10	30	N	N	N	15	N	N	7	N
1295	N	N	10	30	50	N	N	N	20	N	N	<5	N
1297	N	N	15	70	70	N	N	N	50	10	N	7	N
1299	N	N	15	100	50	N	N	N	70	N	N	7	N
1305	N	N	10	20	150	N	5	N	20	N	N	7	N
1305A	N	N	N	N	7	N	N	N	<5	10	N	N	N
1306	N	N	10	10	20	N	N	N	5	<10	N	5	N
1307	N	N	5	N	7	N	N	N	5	<10	N	<5	N
1308	N	N	5	N	5	N	N	N	5	10	N	<5	N
1310	N	N	10	10	20	N	N	N	10	N	N	<5	N
1311	N	N	5	10	15	N	N	N	10	<10	N	5	N
1312	N	N	10	20	15	N	N	N	5	<10	N	7	N
1313	N	N	7	10	5	N	N	N	5	<10	N	5	N
1314	N	N	5	10	30	N	N	N	5	N	N	N	N
1316	N	N	10	30	20	N	N	N	20	N	N	5	N
1317	N	N	15	N	70	N	N	N	5	<10	N	7	N
1318	N	N	10	10	70	N	N	N	10	N	N	5	N
1323	N	N	10	20	50	N	N	N	15	N	N	5	N
1324	N	N	15	20	50	N	<5	N	30	N	N	7	N
1326	N	N	10	20	50	N	<5	N	20	N	N	7	N
1328	N	N	15	10	7	30	N	N	5	<10	N	7	N
1329	N	N	N	N	10	N	N	N	5	<10	N	7	N
1329A	N	N	10	10	50	N	<5	N	15	<10	N	5	N
1330	N	N	5	N	10	N	N	N	5	15	N	N	N
1332	N	N	5	N	70	N	N	N	5	<10	N	N	N

PETERSBURG STUDY AREA PEBBLES ANALYSES--continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	Cu-ppm aa	Pb-ppm aa	Zn-ppm aa	W-ppm cm
1352	300	30	N	<10	N	150	N	N	25	<5	95	N
1353	N	100	N	10	<200	70	N	N	65	5	260	N
1398	300	150	N	50	200	200	N	N	45	10	210	2
					Petersburg 03							
1244	100	50	N	N	N	100	N	N	20	25	30	N
1269	N	30	N	N	N	30	N	.15	40	5	30	<1
1270	100	100	N	N	N	70	N	N	15	5	45	<1
1271	500	150	N	10	<200	70	N	N	45	10	60	N
1272	700	150	N	<10	N	70	N	N	25	10	40	<1
1273	300	150	N	10	N	100	N	N	35	10	60	<1
1274	200	70	N	<10	N	70	N	N	20	10	70	N
1275	100	100	N	N	N	70	N	N	15	10	50	1
1290	300	70	N	N	N	20	N	N	15	5	30	N
1292	700	200	N	<10	N	70	N	N	35	10	60	N
1293	300	100	N	<10	N	70	N	N	20	10	50	N
1295	100	30	N	N	N	50	N	N	25	10	45	<1
1297	700	150	N	10	N	100	N	N	40	10	40	N
1299	100	70	N	10	<200	70	N	N	40	10	90	N
1305	N	150	N	10	N	50	N	N	295	10	40	N
1305A	300	N	N	N	N	10	N	N	20	10	10	N
1306	300	100	N	<10	N	30	N	N	45	10	35	N
1307	300	30	N	N	N	70	N	N	15	10	30	N
1308	300	30	N	N	N	70	N	N	10	10	60	N
1310	200	50	N	N	N	70	N	N	25	10	60	N
1311	200	150	N	N	N	50	N	N	20	10	105	1
1312	300	100	N	10	N	100	N	N	30	10	70	N
1313	300	50	N	N	N	50	N	N	55	10	50	N
1314	200	70	N	N	N	70	N	N	30	10	30	N
1316	200	50	N	<10	N	70	N	N	30	10	30	N
1317	100	150	N	10	N	100	N	N	80	15	55	<1
1318	N	70	N	<10	N	30	N	N	150	10	40	N
1323	100	50	N	<10	N	70	N	N	70	10	65	N
1324	200	100	N	10	<200	70	N	N	80	15	180	N
1326	150	100	N	10	N	100	N	N	45	15	90	N
1328	500	100	N	10	N	100	N	N	15	10	35	N
1329	300	20	N	30	N	10	N	N	25	45	100	N
1329A	100	100	N	30	N	50	N	N	55	15	105	N
1330	100	30	N	N	N	100	N	N	10	10	30	N
1332	100	20	N	N	N	70	N	N	55	10	25	5

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s	Be-ppm s
1333	56 59 2	132 52 8	3.0	.70	1.50	.150	1,000	N	N	N	30	700	1
1333A	56 59 2	132 52 8	2.0	.50	1.00	.150	500	N	N	N	<10	700	N
1333B	56 59 2	132 52 8	3.0	.70	1.00	.200	500	N	N	N	10	700	1
1334	56 54 29	132 46 40	3.0	.70	1.00	.150	500	N	N	N	10	500	N
1335	56 59 33	132 50 58	3.0	.70	1.00	.150	500	N	N	N	<10	500	N
1336	56 53 22	132 47 51	2.0	.30	1.00	.150	200	N	N	N	<10	300	N
1337	56 51 10	132 42 10	3.0	1.00	1.00	.200	500	N	N	N	30	200	N
1338	56 51 53	132 47 44	3.0	.70	1.00	.150	500	N	N	N	<10	150	N
1340	56 48 54	132 42 25	3.0	.70	.70	.150	700	N	N	N	10	200	N
					Petersburg D4								
1162	56 58 1	133 17 24	3.0	.70	1.00	.300	500	N	N	N	10	200	N
1163	56 58 7	133 18 58	3.0	.70	3.00	.200	700	N	N	N	<10	200	N
1164	56 58 53	133 18 0	3.0	2.00	2.00	.200	700	N	N	N	<10	200	N
1166	56 55 22	133 16 4	5.0	3.00	3.00	.200	700	N	N	N	<10	200	N
1220	56 53 59	133 19 21	3.0	1.00	1.50	.200	700	N	N	N	<10	150	N
1221	56 54 8	133 19 27	3.0	1.00	1.50	.200	700	N	N	N	<10	300	N
1222	56 54 21	133 19 14	5.0	2.00	2.00	.500	1,000	N	N	N	10	200	N
1224	56 49 7	133 16 34	3.0	.70	.70	.200	500	N	N	N	10	200	N
1225	56 49 0	133 15 40	3.0	.70	2.00	.300	200	N	N	N	<10	200	N
1225A	56 49 0	133 15 40	3.0	.70	1.50	.200	700	N	N	N	<10	300	N
1226	56 48 36	133 15 23	5.0	2.00	3.00	.300	700	N	N	N	<10	200	1
1227	56 47 18	133 6 49	3.0	1.00	1.50	.200	700	N	N	N	10	200	N
1239	56 51 27	133 9 24	3.0	1.00	1.00	.200	700	N	N	N	30	500	N
1241	56 51 16	133 6 35	3.0	.70	1.50	.200	700	N	N	N	<10	300	1
1242	56 50 27	133 3 40	3.0	.70	1.50	.200	500	N	N	N	<10	300	N
1243	56 50 21	133 1 42	2.0	.50	1.50	.150	700	N	N	N	<10	150	N
1246	56 45 24	133 0 27	3.0	.70	1.00	.200	700	N	N	N	<10	200	N
1247	56 45 2	133 0 24	3.0	.70	2.00	.200	1,000	N	N	N	<10	300	N
1249	56 45 4	133 0 39	3.0	1.50	2.00	.200	700	N	N	N	<10	150	N
1250	56 47 7	133 10 50	3.0	.70	1.50	.150	700	N	N	N	<10	150	N
1251	56 46 9	133 12 30	3.0	.70	.70	.200	700	N	N	N	20	200	N
1252	56 55 42	133 14 13	3.0	1.00	1.50	.200	700	N	N	N	10	200	N
1253	56 55 30	133 12 40	5.0	1.00	1.00	.200	700	N	N	N	20	200	N
1254	56 55 35	133 14 5	3.0	.70	1.00	.150	700	N	N	N	<10	200	N
1256	56 55 35	133 8 25	3.0	.70	1.50	.150	700	N	N	N	<10	150	N
1258	56 56 5	133 5 8	1.0	.30	.70	.050	300	N	N	N	<10	100	N
1259	56 55 44	133 10 12	3.0	.70	1.00	.150	500	N	N	N	<10	200	N
1260	56 57 3	133 1 55	3.0	1.00	1.50	.150	700	N	N	N	<10	200	N
1261	56 56 40	133 0 30	3.0	.70	1.00	.150	500	N	N	N	10	150	N
1263	56 58 32	133 4 12	3.0	1.00	1.50	.200	700	N	N	N	10	300	1
1263A	56 58 32	133 4 12	3.0	2.00	1.50	.200	700	N	N	N	<10	300	N
1267	56 59 31	133 13 0	5.0	2.00	3.00	.500	700	N	N	N	<10	200	1
1268	56 59 10	133 4 20	3.0	5.00	1.00	.150	500	N	N	N	<10	150	N
1366	56 49 45	133 1 7	3.0	.70	1.50	.300	700	N	N	N	<10	300	1

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s
1333	N	N	10	10	10	N	<5	N	5	N	N	5	N
1333A	N	N	5	N	20	N	N	N	5	<10	N	5	N
1333B	N	N	15	50	70	N	N	N	50	<10	N	7	N
1334	N	N	7	15	20	N	N	N	10	N	N	5	N
1335	N	N	5	10	<5	N	N	N	5	N	N	5	N
1336	N	N	5	N	<5	N	N	N	5	<10	N	N	N
1337	N	N	10	30	70	N	N	N	20	N	N	7	N
1338	N	N	5	30	10	N	N	N	7	<10	N	5	N
1340	N	N	10	30	20	N	N	N	30	N	N	5	N
Petersburg D4													
1162	N	N	15	70	70	N	N	N	30	N	N	5	N
1163	N	N	7	20	15	N	<5	N	20	N	N	<5	N
1164	N	N	15	100	50	N	N	N	10	N	N	15	N
1166	N	N	15	150	10	N	N	N	50	<10	N	15	N
1220	N	N	15	20	20	N	N	N	10	N	N	5	N
1221	N	N	10	10	10	N	N	N	7	N	N	5	N
1222	N	N	15	100	50	N	N	N	30	N	N	15	N
1224	N	N	7	70	20	N	N	N	20	N	N	5	N
1225	N	N	10	50	70	N	20	N	30	N	N	7	N
1225A	N	N	10	10	70	N	N	N	5	N	N	5	N
1226	N	N	15	20	70	20	N	N	10	<10	N	7	N
1227	N	N	10	10	15	N	N	N	10	<10	N	7	N
1239	N	N	15	50	50	N	N	N	20	<10	N	7	N
1241	N	N	10	20	20	N	N	N	15	<10	N	7	N
1242	N	N	10	20	20	N	N	N	10	<10	N	5	N
1243	N	N	5	N	<5	N	N	N	5	N	N	<5	N
1246	N	N	5	10	20	20	N	N	5	<10	N	5	N
1247	N	N	5	10	15	N	N	N	5	<10	N	5	N
1249	N	N	15	10	100	N	N	N	15	<10	N	7	N
1250	N	N	N	10	10	N	N	N	5	<10	N	7	N
1251	N	N	10	10	15	N	N	N	10	<10	N	5	N
1252	N	N	15	20	15	N	N	N	15	N	N	10	N
1253	N	N	15	50	50	N	N	N	15	<10	N	7	N
1254	N	N	5	N	7	N	N	N	5	<10	N	<5	N
1256	N	N	10	N	20	N	N	N	7	N	N	7	N
1258	N	N	5	20	5	N	N	N	5	N	N	<5	N
1259	N	N	5	30	10	N	N	N	10	N	N	5	N
1260	N	N	10	30	15	N	N	N	5	N	N	5	N
1261	N	N	5	30	5	N	N	N	15	N	N	<5	N
1263	N	N	15	30	50	N	N	N	20	<10	N	7	N
1263A	N	N	15	50	70	N	N	N	20	<10	N	10	N
1267	N	N	20	70	100	N	N	N	50	<10	N	15	N
1268	N	N	30	1,000	20	N	N	N	300	N	N	<5	N
1366	N	N	15	50	70	N	7	N	30	<10	N	7	N

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	Cu-ppm aa	Pb-ppm aa	Zn-ppm aa	W-ppm cm
1333	200	100	N	N	N	70	N	N	15	10	40	N
1333A	200	50	N	<10	N	70	N	N	60	5	70	<1
1333B	200	300	N	20	200	150	N	N	110	15	150	N
1334	100	100	N	N	N	30	N	N	30	10	40	N
1335	200	50	N	N	N	50	N	N	10	10	30	N
1336	200	30	N	N	N	50	N	N	<5	10	25	N
1337	200	150	N	<10	N	70	N	N	75	20	80	N
1338	300	100	N	N	200	50	N	N	10	15	15	N
1340	200	100	N	<10	<200	70	N	N	25	15	50	N
					Petersburg D4							
1162	100	150	N	10	N	100	N	N	70	5	25	N
1163	700	100	N	10	N	150	N	<.05	30	10	55	N
1164	500	150	N	<10	N	N	N	N	70	5	45	N
1166	300	150	N	<10	N	70	N	N	15	5	45	<1
1220	500	100	N	<10	N	50	N	N	30	5	55	N
1221	500	100	N	<10	N	50	N	N	20	<5	15	<1
1222	200	200	N	20	N	100	N	N	25	5	25	N
1224	100	70	N	N	N	100	N	N	20	5	45	<1
1225	100	200	N	10	N	70	N	N	110	10	35	1
1225A	500	100	N	10	N	150	N	N	120	5	35	<1
1226	700	150	N	20	N	150	N	N	80	10	50	N
1227	300	150	N	<10	N	70	N	N	30	10	55	N
1239	200	150	N	10	N	100	N	N	70	15	65	N
1241	300	150	N	<10	N	100	N	N	25	10	55	N
1242	200	100	N	<10	N	70	N	N	30	5	65	N
1243	500	50	N	N	N	70	N	--	--	--	--	--
1246	300	100	N	10	N	70	N	N	55	5	50	N
1247	200	100	N	N	N	70	N	N	30	10	40	N
1249	300	150	N	<10	N	30	N	N	180	15	45	1
1250	500	100	N	N	N	30	N	N	20	5	25	N
1251	100	70	N	<10	N	100	N	N	30	10	60	N
1252	300	150	N	<10	N	50	N	N	30	5	35	N
1253	200	100	N	<10	<200	70	N	N	45	10	75	<1
1254	500	70	N	N	N	50	N	N	10	5	30	N
1256	700	100	N	10	N	70	N	N	40	5	15	N
1258	100	20	N	N	N	20	N	N	10	5	10	N
1259	200	70	N	N	N	70	N	N	20	5	50	N
1260	300	70	N	N	N	30	N	N	25	5	35	N
1261	100	50	N	N	N	70	N	N	20	5	35	N
1263	200	150	N	10	N	100	N	N	50	10	85	N
1263A	700	150	N	10	N	70	N	N	35	10	70	5
1267	700	200	N	10	200	50	N	N	160	5	70	N
1268	N	70	N	N	N	N	N	N	35	15	25	N
1366	300	150	N	10	N	100	N	N	80	10	45	N

PETERSBURG STUDY AREA PEBBLES ANALYSES--continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s	Be-ppm s
						Petersburg D5							
0220	56 45 36	133 26 9	.5	.10	.20	.070	200	N	N	N	<10	50	N
1159	56 59 55	133 20 58	3.0	.70	2.00	.150	700	N	N	N	<10	300	1
1185	56 49 7	133 39 5	3.0	.50	.70	.150	500	N	N	N	10	200	N
1187	56 49 0	133 39 15	3.0	.50	.10	.150	500	N	N	N	30	300	1
1189	56 46 54	133 31 0	3.0	1.00	1.00	.200	700	N	N	N	10	700	1
1190	56 48 1	133 35 40	3.0	1.00	1.50	.500	700	N	N	N	30	700	1
1191	56 46 45	133 31 0	3.0	.70	2.00	.150	1,000	N	N	N	<10	200	N
1192	56 47 52	133 35 55	5.0	.70	1.00	.300	500	N	N	N	10	500	N
1207	56 58 42	133 33 43	5.0	1.00	2.00	.500	700	N	N	N	<10	500	N
1209	56 56 50	133 37 15	1.0	.30	2.00	.030	500	N	N	N	<10	200	N
1210	56 58 18	133 33 38	5.0	.70	1.50	.700	700	N	N	N	10	500	N
1211	56 56 50	133 37 6	5.0	3.00	3.00	.500	700	N	N	N	<10	20	N
1212	56 58 22	133 33 33	2.0	.70	1.00	.200	300	N	N	N	<10	300	N
1213	56 55 40	133 35 38	3.0	2.00	2.00	.300	1,000	N	N	N	10	200	N
1215	56 54 25	133 33 45	2.0	.50	1.50	.200	700	N	N	N	10	500	1
1216	56 57 55	133 39 38	3.0	1.00	2.00	.200	700	N	N	N	<10	150	N
1217	56 56 40	133 39 38	5.0	1.00	1.50	.300	700	N	N	N	10	500	N
1218	56 56 22	133 37 45	2.0	.10	.05	.150	200	N	N	N	<10	500	1
1219	56 55 6	133 39 33	2.0	.20	.10	.150	150	N	N	N	10	150	N
1223	56 53 3	133 20 35	3.0	.70	1.00	.200	700	N	N	N	10	700	1
1223A	56 53 3	133 20 35	5.0	2.00	3.00	.500	700	N	N	N	<10	150	N
1278	56 50 50	133 30 22	5.0	2.00	2.00	.700	700	N	N	N	<10	200	N
						Petersburg D6							
1130	56 56 17	133 52 2	3.0	.02	<.05	<.002	500	N	N	N	10	50	N
1131	56 56 15	133 51 55	2.0	.50	.50	.050	700	N	N	N	<10	150	N
1131A	56 56 12	133 51 55	3.0	.05	.05	.002	150	N	N	N	20	50	N
1132	56 54 0	133 43 30	1.0	2.00	10.00	.020	500	N	N	N	<10	50	N
1133	56 55 28	133 41 45	3.0	.70	.70	.150	700	N	N	N	20	1,000	N
1134	56 56 53	133 44 30	1.0	.07	<.05	.050	20	N	N	N	20	500	N
1136	56 56 55	133 44 18	3.0	.70	1.50	.150	700	N	N	N	10	100	N
1137	56 58 10	133 43 45	3.0	1.00	2.00	.200	1,500	N	N	N	30	150	N
1137A	56 58 10	133 43 45	3.0	.70	1.50	.200	700	N	N	N	<10	1,000	N
1139	56 58 5	133 43 33	1.0	.05	<.05	.030	100	N	N	N	20	200	N
1140	56 59 25	133 57 52	3.0	.70	2.00	.100	2,000	2.0	N	N	10	50	N
1141	56 57 15	133 46 5	3.0	.70	.10	.050	500	N	N	N	10	50	N
1141A	56 57 15	133 46 5	3.0	.02	.10	<.002	5,000	N	N	N	10	50	N
1143	56 58 27	133 55 50	3.0	.70	1.50	.200	1,500	N	N	N	30	1,000	N
1144	56 53 56	133 48 49	10.0	2.00	3.00	1.000	1,500	N	N	N	20	100	1

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s
						Petersburg D5							
0220	N	N	N	10	5	N	N	N	N	N	N	N	N
1159	N	N	5	N	20	N	N	N	<5	10	N	<5	N
1185	N	N	7	N	7	N	N	N	5	N	N	N	N
1187	N	N	5	N	15	N	N	20	5	10	N	N	N
1189	N	N	5	N	15	N	N	N	5	10	N	7	N
1190	N	N	15	30	15	20	N	N	15	<10	N	7	N
1191	N	N	5	N	15	N	N	N	5	N	N	5	N
1192	N	N	15	30	20	N	N	N	15	N	N	5	N
1207	N	N	10	30	15	N	N	N	10	<10	N	5	N
1209	N	N	5	N	<5	N	N	N	5	10	N	5	N
1210	N	N	15	50	30	N	N	N	20	N	N	5	N
1211	N	N	30	100	70	N	N	N	70	N	N	15	N
1212	N	N	7	N	7	N	N	N	5	N	N	5	N
1213	N	N	15	200	50	N	N	N	50	N	N	7	N
1215	N	N	5	N	5	N	N	N	5	<10	N	5	N
1216	N	N	10	N	20	N	N	N	5	N	N	7	N
1217	N	N	15	70	15	N	N	N	15	N	N	7	N
1218	N	N	<5	N	5	20	N	20	5	N	N	N	N
1219	N	N	<5	N	7	N	N	N	5	N	N	N	N
1223	N	N	10	20	30	N	N	N	15	<10	N	5	N
1223A	N	N	20	N	7	N	N	N	5	N	N	15	N
1278	N	N	20	70	100	N	N	N	30	N	N	15	N
						Petersburg D6							
1130	N	N	N	N	10	N	N	N	10	N	N	N	N
1131	N	N	7	N	30	N	N	N	15	N	N	N	N
1131A	N	N	N	N	<5	N	N	N	5	N	N	N	N
1132	N	N	N	N	<5	N	N	N	<5	N	N	N	N
1133	N	N	10	10	30	N	N	N	5	N	N	5	N
1134	N	N	N	20	5	30	N	N	50	N	N	N	N
1136	N	N	10	N	10	N	N	N	5	N	N	5	N
1137	N	N	10	30	50	N	N	N	15	N	N	7	N
1137A	N	N	5	N	<5	N	N	N	5	N	N	5	N
1139	N	N	5	10	7	N	N	N	5	N	N	N	N
1140	N	200	5	10	100	N	N	N	15	30	N	<5	N
1141	N	N	5	10	30	N	300	N	20	50	N	N	N
1141A	N	N	N	N	5	N	5	N	5	N	N	N	N
1143	N	N	10	10	70	N	N	N	15	N	N	7	N
1144	N	N	20	N	20	N	N	N	5	N	N	50	N

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	Cu-ppm aa	Pb-ppm aa	Zn-ppm aa	W-ppm cm
					Petersburg D5							
0220	N	20	N	<10	N	30	N	N	5	5	25	N
1159	700	100	N	<10	N	70	N	<.05	40	5	70	N
1185	200	20	N	N	N	30	N	N	10	<5	40	N
1187	N	15	N	10	N	150	N	N	20	15	50	N
1189	N	70	N	30	N	150	N	N	25	20	55	N
1190	500	100	N	10	N	150	N	N	20	15	90	N
1191	200	50	N	<10	N	N	N	N	20	15	45	N
1192	100	100	N	<10	N	100	N	N	25	15	90	<1
1207	300	150	N	20	N	150	N	N	15	5	40	N
1209	300	10	N	N	N	20	N	N	5	10	15	N
1210	100	150	N	<10	N	100	N	.05	45	5	55	N
1211	100	150	N	N	N	20	N	N	70	<5	30	N
1212	100	150	N	N	N	100	N	N	10	5	20	N
1213	150	150	N	<10	N	70	N	N	60	<5	45	N
1215	100	50	N	10	N	100	N	N	5	<5	35	N
1216	300	100	N	<10	N	30	N	<.05	40	5	25	N
1217	300	150	N	10	N	50	N	<.05	20	10	45	<1
1218	N	20	N	30	N	200	N	N	<5	5	45	N
1219	N	10	N	<10	N	70	N	N	15	10	40	<1
1223	300	100	N	10	N	100	N	N	30	10	35	<1
1223A	300	200	N	30	N	100	N	N	10	<5	10	N
1278	100	300	N	30	N	100	N	N	115	15	40	1
					Petersburg D6							
1130	N	N	N	N	N	N	N	N	40	<5	10	N
1131	N	30	N	N	300	30	N	.05	40	<5	540	N
1131A	N	10	N	N	N	N	N	<.05	<5	<5	5	N
1132	200	10	N	N	N	N	N	.05	10	25	65	N
1133	100	50	N	20	N	70	N	<.05	35	10	30	N
1134	N	50	N	N	N	30	N	<.05	10	10	<5	N
1136	200	150	N	N	N	50	N	<.05	15	<5	25	N
1137	100	100	N	20	700	70	N	<.05	35	10	740	N
1137A	500	70	N	20	N	100	N	N	<5	<5	30	<1
1139	N	30	N	N	N	30	N	N	10	<5	35	N
1140	N	200	N	10	>10,000	30	N	<.05	110	45	45,000	N
1141	N	50	N	N	200	30	N	<.05	50	80	320	N
1141A	N	10	N	N	N	N	N	<.05	<5	<5	20	N
1143	100	100	N	10	N	50	N	N	60	10	40	1
1144	200	300	N	100	N	200	N	N	15	25	130	1

PETERSBURG STUDY AREA PEBBLES ANALYSES--continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s	Be-ppm s
1147	56 55 17	133 50 38	3.0	1.00	3.00	.200	1,000	N	N	N	30	300	N
1168	56 59 48	133 51 48	5.0	2.00	1.50	.300	1,500	N	N	N	30	300	N
1170	56 59 57	133 51 42	3.0	1.00	1.00	.200	700	N	N	N	30	150	N
1172	56 58 50	133 55 30	3.0	.70	5.00	.100	3,000	N	N	N	20	700	N
1174	56 50 47	133 48 33	3.0	1.00	1.50	.300	700	N	N	N	10	700	N
1178	56 50 56	133 42 49	5.0	.70	.70	.200	700	N	N	N	10	700	1
1180	56 52 25	133 40 9	7.0	1.00	2.00	.300	700	N	N	N	20	500	N
1182	56 51 22	133 41 35	3.0	2.00	1.50	.200	700	N	N	N	30	200	1
1183	56 50 21	133 40 25	3.0	.70	1.00	.200	700	N	N	N	30	700	1
1184	56 52 41	133 44 15	3.0	.70	1.50	.200	700	N	N	N	10	500	N
1186	56 50 39	133 40 8	7.0	2.00	2.00	.500	700	N	N	N	10	100	N
1188	56 49 52	133 40 10	1.0	.30	.10	.050	200	N	N	N	10	150	N
1193	56 47 30	133 40 36	10.0	.50	1.00	.150	1,000	N	N	N	10	300	1
1194	56 48 7	133 40 2	3.0	.50	1.50	.200	700	N	N	N	<10	500	N
1195	56 46 4	133 55 34	3.0	.05	.70	.200	50	N	N	N	20	500	1
1195A	56 46 4	133 55 34	2.0	.05	.20	.100	150	N	N	N	10	300	N
1195B	56 46 4	133 55 34	7.0	.50	.70	.200	700	N	N	N	10	500	1
1196	56 45 22	133 41 8	7.0	2.00	2.00	.700	1,000	N	N	N	<10	150	N
1198	56 47 8	133 47 30	3.0	.70	1.00	.200	500	N	N	N	<10	300	N
Port Alexander A1													
C521A	56 14 27	134 12 15	2.0	.70	1.50	.200	150	N	N	N	<10	500	N
C521B	56 14 27	134 12 15	3.0	.70	1.00	.150	200	N	N	N	<10	700	1
C521C	56 14 27	134 12 15	3.0	.70	.70	.200	200	N	N	N	10	150	N
0522A	56 14 20	134 12 24	3.0	1.00	.70	.200	200	N	N	N	<10	300	N
0522B	56 14 20	134 12 24	2.0	.50	.10	.100	30	.5	N	N	<10	100	N
1027	56 2 15	134 6 48	3.0	1.00	1.50	.150	500	N	N	N	20	200	N
1044	56 9 20	134 12 20	3.0	1.00	1.50	.150	200	N	N	N	<10	150	N
1045A	56 7 29	134 15 20	2.0	.70	1.50	.100	500	N	N	N	<10	500	N
1045B	56 7 29	134 15 20	3.0	1.00	1.50	.200	700	N	N	N	30	500	N
1045C	56 7 29	134 15 20	1.0	.70	20.00	.020	1,500	N	N	N	N	50	N
1045D	56 7 29	134 15 20	5.0	2.00	3.00	.300	700	N	N	N	<10	200	N
1045E	56 7 29	134 15 20	2.0	.70	1.50	.150	300	N	N	N	<10	200	N
1047A	56 8 6	134 6 20	.7	.30	.07	.100	50	N	N	N	10	50	N
1047B	56 8 6	134 6 20	3.0	1.00	1.00	.200	500	N	N	N	10	300	N
1048	56 6 13	134 8 3	3.0	.70	1.50	.200	700	N	N	N	<10	300	N
1049	56 13 28	134 10 56	3.0	.70	1.50	.200	500	N	N	N	<10	500	1
1056	56 14 50	134 5 51	5.0	2.00	3.00	.500	700	N	N	N	30	300	N
1058	56 12 30	134 13 30	3.0	1.00	1.50	.200	300	N	N	N	20	200	N
Port Alexander B1													
1030	56 15 45	134 14 35	3.0	1.00	2.00	.150	500	N	N	N	<10	300	N
1032A	56 15 3	134 14 0	2.0	1.00	15.00	.100	500	N	N	N	<10	150	N
1032B	56 15 3	134 14 0	3.0	.70	2.00	.150	500	N	N	N	<10	700	N
1032C	56 15 3	134 14 0	3.0	1.00	2.00	.150	700	N	N	N	<10	700	1

PETERSBURG STUDY AREA PEBBLES ANALYSES--continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s
1147	N	N	15	N	50	N	N	N	10	<10	N	10	N
1163	N	N	15	150	20	N	N	N	100	N	N	7	N
1170	N	N	15	70	50	N	N	N	30	N	N	7	N
1172	N	N	7	N	15	N	N	N	10	N	N	5	N
1174	N	N	10	30	15	N	N	N	15	<10	N	7	N
1178	N	N	5	N	<5	N	5	N	<5	10	N	5	N
1180	N	N	10	100	30	N	<5	N	50	<10	N	10	N
1182	N	N	15	70	15	N	N	N	20	N	N	7	N
1183	N	N	5	N	5	N	N	N	5	10	N	5	N
1184	N	N	5	N	<5	N	N	N	<5	<10	N	5	N
1186	N	N	20	150	20	N	N	N	70	N	N	7	N
1188	N	N	5	N	<5	N	N	N	5	N	N	N	N
1193	N	N	15	N	7	N	N	N	5	<10	N	5	N
1194	N	N	5	N	<5	N	N	N	5	<10	N	5	N
1195	N	N	5	N	15	20	5	N	<5	10	N	5	N
1195A	N	N	5	N	<5	N	N	N	<5	N	N	5	N
1195B	N	N	5	N	7	N	N	N	5	<10	N	5	N
1196	N	N	15	30	20	N	N	N	10	N	N	10	N
1198	N	N	5	N	7	N	N	N	5	<10	N	5	N
Port Alexander A1													
0521A	N	N	5	N	15	N	N	N	<5	N	N	5	N
0521B	N	N	7	N	70	N	<5	N	5	N	N	5	N
0521C	N	N	10	30	30	N	N	N	10	N	N	5	N
0522A	N	N	10	20	20	N	N	N	7	N	N	5	N
0522B	N	N	5	10	20	N	N	N	7	N	N	<5	N
1027	N	N	7	20	20	N	N	N	7	N	N	5	N
1044	N	N	7	20	10	N	N	N	10	N	N	7	N
1045A	N	N	5	N	50	20	N	N	<5	N	N	N	N
1045B	N	N	15	10	50	N	N	N	10	10	N	7	N
1045C	N	N	N	N	5	N	N	N	N	N	N	<5	N
1045D	N	N	20	50	70	N	<5	N	20	<10	N	10	N
1045E	N	N	N	N	15	N	N	N	<5	N	N	N	N
1047A	N	N	7	N	5	N	N	N	<5	N	N	N	N
1047B	N	N	7	20	15	N	N	N	5	<10	N	7	N
1048	N	N	10	10	15	N	N	N	5	N	N	7	N
1049	N	N	5	N	50	N	N	N	5	N	N	5	N
1056	N	N	20	30	70	N	N	N	20	N	N	10	N
1058	N	N	10	30	50	N	N	N	20	N	N	7	N
Port Alexander B1													
1030	N	N	5	N	5	N	N	N	<5	N	N	5	N
1032A	N	N	5	N	15	N	N	N	10	N	N	5	N
1032B	N	N	5	N	15	N	N	N	<5	N	N	N	N
1032C	N	N	10	N	20	N	N	N	<5	N	N	5	N

PETERSBURG STUDY AREA PEBBLES ANALYSES--continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	Cu-ppm aa	Pb-ppm aa	Zn-ppm aa	W-ppm cm
1147	300	200	N	30	N	100	N	N	40	15	75	2
1168	100	150	N	N	N	100	N	N	30	5	30	N
1170	100	100	N	N	N	70	N	N	55	10	45	N
1172	100	20	N	15	N	30	N	<.05	20	15	10	N
1174	200	150	N	N	N	70	N	N	15	10	65	N
1178	150	<10	N	30	N	300	N	N	<5	15	90	1
1180	N	150	N	20	N	200	N	N	40	10	75	N
1182	300	100	N	10	N	70	N	N	25	15	45	<1
1183	200	20	N	30	N	200	N	N	5	10	50	N
1184	200	70	N	N	N	50	N	N	<5	<5	35	N
1186	100	150	N	N	N	70	N	N	10	5	45	N
1188	N	10	N	N	N	100	N	N	5	<5	20	N
1193	N	50	N	20	N	100	N	N	10	10	90	N
1194	100	50	N	10	N	100	N	N	5	15	45	<1
1195	100	<10	N	30	N	200	N	N	15	25	45	2
1195A	N	N	N	<10	N	150	N	N	10	15	120	<1
1195B	100	10	N	30	N	200	N	N	5	10	120	N
1196	200	200	N	20	N	200	N	N	10	<5	45	N
1198	N	30	N	10	N	200	N	N	10	10	100	<1
Port Alexander A1												
0521A	500	70	N	<10	N	100	N	N	40	10	20	<1
0521B	300	70	N	<10	N	100	N	N	75	5	5	<1
0521C	100	70	N	10	N	100	N	N	45	10	40	N
0522A	100	70	N	10	N	100	N	N	35	10	75	N
0522B	N	50	N	N	N	50	N	N	15	5	75	N
1027	100	150	N	N	N	70	N	<.05	40	15	70	N
1044	300	100	N	N	N	70	N	N	30	10	50	<1
1045A	200	30	N	N	N	100	N	N	15	5	10	<1
1045B	300	100	N	10	N	100	N	N	75	30	65	N
1045C	1,000	10	N	30	N	N	N	N	15	50	150	N
1045D	700	150	N	20	200	100	N	N	125	15	35	<1
1045E	200	30	N	N	N	50	N	N	35	10	5	2
1047A	N	30	N	N	N	20	N	N	10	5	5	N
1047B	300	100	N	<10	N	100	N	N	45	15	85	<1
1048	300	100	N	10	N	100	N	N	30	10	35	N
1049	300	70	N	<10	N	70	N	N	55	5	20	N
1056	700	200	N	20	N	100	N	N	60	15	80	N
1058	100	100	N	<10	N	70	N	N	45	20	115	N
Port Alexander B1												
1030	300	50	N	N	N	150	N	N	15	5	5	<1
1032A	1,000	50	N	<10	N	20	N	N	20	35	40	N
1032B	300	30	N	N	N	70	N	N	15	5	15	N
1032C	500	70	N	<10	N	150	N	N	40	10	20	<1

PETERSBURG STUDY AREA PEBBLES ANALYSES--continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s	Be-ppm s
1036	56 15 10	134 13 0	3.0	.70	1.50	.200	700	N	N	N	<10	300	N
1037	56 15 11	134 2 29	3.0	.50	.50	.150	200	N	N	N	<10	70	2
1038	56 19 10	134 15 35	3.0	1.00	5.00	.150	700	N	N	N	10	150	N
1040	56 18 3	134 17 20	3.0	2.00	2.00	.300	700	N	N	N	<10	300	N
1041	56 16 0	134 16 0	3.0	.70	1.50	.150	700	N	N	N	<10	500	1
1050	56 19 40	134 9 50	3.0	.70	2.00	.200	700	N	N	N	<10	200	N
1051	56 19 30	134 9 40	2.0	.70	1.50	.200	500	N	N	N	<10	300	N
1052	56 17 31	134 12 25	3.0	2.00	3.00	.200	500	N	N	N	N	200	N
1053	56 17 25	134 4 30	2.0	.50	.50	.100	200	N	N	N	10	150	N
1054	56 15 40	134 7 50	3.0	.70	1.00	.300	500	N	N	N	10	200	N
1059	56 24 9	134 9 25	3.0	.70	3.00	.200	700	N	N	N	20	200	N
1061	56 22 48	134 8 19	3.0	.70	1.50	.200	500	N	N	N	20	200	N
					Port Alexander C1								
1062	56 37 23	134 14 39	3.0	.70	1.00	.300	700	N	N	N	20	200	1
1063	56 38 38	134 15 31	7.0	2.00	2.00	.700	700	N	N	N	<10	100	N
1065	56 40 48	134 12 46	3.0	.50	.70	.150	200	N	N	N	10	200	2
1066	56 42 18	134 13 59	7.0	1.50	1.50	.700	700	N	N	N	20	200	N
1068	56 41 22	134 10 37	3.0	.70	1.70	.200	300	N	N	N	20	200	2
1069	56 42 19	134 8 42	3.0	.50	.70	.150	150	N	N	N	<10	500	N
1069A	56 42 19	134 8 42	3.0	1.00	1.50	.300	300	N	N	N	<10	150	N
1070	56 43 10	134 13 28	3.0	1.00	2.00	.300	500	N	N	N	15	200	N
1071	56 42 23	134 8 32	3.0	.30	1.00	.300	500	N	N	N	20	100	N
1072	56 43 31	134 15 0	5.0	2.00	2.00	.300	500	N	N	N	<10	150	N
1074	56 41 45	134 3 50	3.0	.50	.50	.300	500	N	N	N	<10	150	N
1076	56 44 28	134 14 22	5.0	1.00	1.00	.300	700	N	N	N	10	150	N
1080	56 35 20	134 12 0	3.0	1.00	2.00	.300	700	N	N	N	20	70	N
1083	56 43 24	134 3 22	1.0	.07	.10	.100	50	N	N	N	30	150	N
1083A	56 43 24	134 3 22	3.0	.20	1.00	.300	700	N	N	N	20	300	3
1085	56 32 26	134 9 45	3.0	1.00	1.00	.300	700	N	N	N	10	200	N
1087	56 32 33	134 2 42	3.0	.70	.20	.200	700	N	N	N	10	300	3
1089	56 32 33	134 2 51	3.0	1.00	3.00	.300	500	N	N	N	30	200	N
1106	56 41 26	134 14 50	3.0	1.00	2.00	.200	500	N	N	N	10	200	2
1107	56 39 51	134 16 0	3.0	2.00	2.00	.300	700	N	N	N	10	150	N
1108	56 38 10	134 16 42	3.0	.70	1.50	.150	200	N	N	N	10	100	N
1109	56 39 50	134 19 18	3.0	1.00	1.00	.300	700	N	N	N	10	500	N

PETERSBURG STUDY AREA PEBBLES ANALYSES--continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s
1036	N	N	5	N	10	N	N	N	<5	N	N	<5	N
1037	N	N	N	N	5	N	N	30	5	<10	N	N	N
1038	N	N	5	30	15	N	N	N	5	N	N	7	N
1040	N	N	5	30	30	N	N	N	10	<10	N	7	N
1041	N	N	5	N	5	N	N	N	5	N	N	5	N
1050	N	N	5	N	20	N	N	N	5	N	N	5	N
1051	N	N	5	10	20	N	N	N	5	N	N	5	N
1052	N	N	10	50	150	N	<5	N	20	N	N	7	N
1053	N	N	5	N	10	N	N	N	10	N	N	<5	N
1054	N	N	10	30	70	N	N	N	10	N	N	7	N
1059	N	N	10	50	30	N	N	N	20	N	N	7	N
1061	N	N	7	30	20	N	N	N	5	N	N	7	N
Port Alexander C1													
1062	N	N	15	30	20	N	N	N	20	N	N	7	N
1063	N	N	20	20	50	N	N	N	20	N	N	15	N
1065	N	N	5	30	15	N	N	N	5	<10	N	5	N
1066	N	N	20	50	50	N	N	N	20	N	N	15	N
1068	N	N	15	10	15	N	N	N	5	<10	N	5	N
1069	N	N	5	N	10	N	N	N	5	<10	N	<5	N
1069A	N	N	15	15	15	N	N	N	15	N	N	7	N
1070	N	N	15	10	30	N	N	N	10	<10	N	7	N
1071	N	N	15	N	20	N	N	N	10	N	N	7	N
1072	N	N	15	30	50	N	N	N	20	<10	N	7	N
1074	N	N	15	30	20	N	N	N	15	N	N	7	N
1076	N	N	15	20	70	N	N	N	15	N	N	7	N
1080	N	N	15	100	20	N	N	N	70	N	N	7	N
1083	N	N	5	N	20	N	5	N	30	<10	N	N	N
1083A	N	N	5	N	5	20	N	20	<5	<10	N	7	N
1085	N	N	7	10	50	N	N	N	5	<10	N	7	N
1087	N	N	7	N	20	N	N	N	5	<10	N	5	N
1089	N	N	7	N	50	N	N	N	5	10	N	7	N
1106	N	N	7	N	50	N	N	N	5	10	N	7	N
1107	N	N	15	20	70	N	N	N	15	<10	N	7	N
1108	N	N	7	10	10	N	N	N	5	N	N	5	N
1109	N	N	10	10	15	N	N	N	5	10	N	7	N

PETERSBURG STUDY AREA PEBBLES ANALYSES--continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	Cu-ppm aa	Pb-ppm aa	Zn-ppm aa	W-ppm cm
1036	300	50	N	<10	N	30	N	N	15	<5	10	<1
1037	N	10	N	50	N	700	N	N	10	10	120	1
1038	700	100	N	10	N	70	N	N	15	25	25	N
1040	500	150	N	20	200	100	N	N	40	20	60	<1
1041	300	70	N	<10	N	100	N	N	10	5	25	N
1050	500	50	N	<10	N	70	N	N	25	5	10	1
1051	500	50	N	<10	N	100	N	N	25	5	40	1
1052	700	100	N	<10	N	70	N	N	150	15	20	1
1053	100	50	N	N	N	30	N	N	15	5	45	N
1054	300	150	N	<10	N	100	N	N	40	15	80	N
1059	500	100	N	10	N	100	N	N	40	25	75	<1
1061	300	100	N	<10	N	100	N	N	40	20	85	N
					Port Alexander C1							
1062	100	100	N	10	N	150	N	N	30	15	85	<1
1063	100	200	N	20	<200	100	N	N	45	10	40	N
1065	100	70	N	10	N	100	N	N	15	5	40	<1
1066	500	200	N	20	N	150	N	N	35	15	80	N
1068	300	100	N	30	N	70	N	N	25	15	50	1
1069	100	30	N	<10	N	50	N	N	15	10	60	<1
1069A	100	150	N	<10	N	70	N	N	25	10	55	N
1070	500	100	N	10	N	70	N	N	35	20	75	N
1071	100	100	N	<10	N	100	N	N	30	15	25	N
1072	100	100	N	30	N	100	N	N	45	15	30	<1
1074	N	70	N	<10	N	100	N	N	30	10	75	1
1076	300	150	N	<10	N	70	N	N	50	15	95	N
1080	100	150	N	<10	N	100	N	<.05	30	15	55	N
1083	N	100	N	N	N	200	N	<.05	40	25	75	<1
1083A	100	30	N	30	N	500	N	N	5	10	40	<1
1085	100	150	N	<10	N	100	N	<.05	35	20	85	N
1087	100	50	N	30	N	300	N	<.05	10	10	60	N
1089	500	150	N	10	N	100	N	N	40	20	60	N
1106	300	100	N	30	N	300	N	<.05	45	5	25	N
1107	300	150	N	10	N	100	N	.05	75	5	75	N
1108	200	70	N	10	N	70	N	<.05	30	10	70	N
1109	100	70	N	30	N	200	N	<.05	25	10	65	N

PETERSBURG STUDY AREA PEBBLES ANALYSES--continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s	Be-ppm s
					Port Alexander C2								
1110	56 40 32	134 20 30	3.0	2.00	2.00	.300	500	N	N	N	20	200	N
1111	56 42 11	134 22 29	3.0	.70	1.50	.200	700	N	N	N	<10	300	1
1112	56 43 31	134 20 18	3.0	.30	.70	.200	500	N	N	N	<10	300	2
					Port Alexander D1								
0686	56 54 50	134 9 40	2.0	1.00	1.50	.100	1,000	N	N	N	70	300	2
0690	56 53 12	134 4 15	3.0	.30	2.00	.500	1,500	N	N	N	30	1,000	2
1075	56 45 24	134 8 18	3.0	1.00	3.00	.100	700	N	N	N	20	150	N
1075A	56 45 21	134 8 18	5.0	1.00	1.00	.300	500	N	N	N	10	150	N
1077	56 45 19	134 8 28	3.0	.70	3.00	.150	1,000	N	N	N	10	100	N
1078	56 45 17	134 6 0	3.0	.50	.50	.300	200	N	N	N	30	200	N
1079	56 45 10	134 8 12	7.0	.70	.50	.300	500	N	N	N	20	200	N
1079A	56 45 12	134 8 12	3.0	1.00	1.50	.200	500	N	N	N	20	200	N
1081	56 45 30	134 6 59	3.0	.70	2.00	.300	700	N	N	N	10	700	N
1081A	96 45 30	134 6 59	3.0	1.00	3.00	.200	500	N	N	N	30	70	N
1086	56 47 36	134 2 0	3.0	.20	1.50	.150	700	N	N	N	30	200	<1
1088	56 48 25	134 7 24	3.0	1.00	1.50	.300	700	N	N	N	30	200	N
1090	56 49 3	134 6 8	3.0	1.00	5.00	.300	700	N	N	N	10	200	N
1092	56 49 43	134 10 58	3.0	.70	3.00	.200	500	N	N	N	30	150	N
1093	56 48 58	134 7 5	3.0	2.00	1.50	.150	700	N	N	N	10	700	N
1094	56 49 34	134 10 58	3.0	.70	.50	.200	200	N	N	N	30	150	N
1095	56 50 30	134 6 29	2.0	.30	1.00	.100	500	N	N	N	<10	500	2
1096	56 48 1	134 15 53	3.0	.70	.50	.200	700	N	N	N	30	150	N
1097	56 49 49	134 9 57	3.0	.70	3.00	.150	500	N	N	N	10	100	N
1098	56 48 1	134 15 44	3.0	.70	1.00	.300	300	N	N	N	30	100	N
1098A	56 48 1	134 15 44	5.0	2.00	1.00	.500	700	N	N	N	20	1,000	N
1099	56 49 39	134 9 52	3.0	.70	1.00	.200	500	N	N	N	10	700	1
1100	56 50 30	134 6 54	3.0	.30	.20	.150	150	N	N	N	20	150	N
1101	56 46 11	134 17 52	3.0	1.00	2.00	.150	500	N	N	N	<10	300	1
1103	56 46 21	134 17 55	3.0	.70	.70	.150	300	N	N	N	30	150	N
1105	56 49 3	134 19 2	3.0	1.00	2.00	.150	200	N	N	N	10	150	N
1113	56 48 19	134 10 0	3.0	.70	1.50	.200	500	N	N	N	10	100	N
1119	56 48 58	134 18 10	2.0	.50	1.00	.100	200	N	N	N	<10	70	1
1121	56 52 38	134 18 5	5.0	.70	1.00	.500	700	N	N	N	10	300	2
1123	56 53 50	134 18 50	3.0	.70	5.00	.200	700	N	N	N	10	700	N
1124	56 52 45	134 15 42	3.0	1.00	5.00	.100	200	N	N	N	<10	200	N
1125	56 52 35	134 13 38	1.0	.50	10.00	.010	700	N	N	N	N	70	N
1126	56 55 31	134 12 22	5.0	2.00	2.00	.500	1,000	N	N	N	20	200	N
1127	56 54 5	134 6 45	2.0	.10	.10	.020	500	N	N	N	10	700	2
1127A	56 54 5	134 6 45	2.0	.30	.07	.020	700	N	N	N	10	150	2

PETERSBURG STUDY AREA PEBBLES ANALYSES--continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s
						Port Alexander C2							
1110	N	N	15	10	70	N	10	N	20	10	N	7	N
1111	N	N	5	N	70	N	N	N	5	<10	N	5	N
1112	N	N	5	N	<5	N	N	N	<5	N	N	<5	N
						Port Alexander D1							
0686	N	N	5	N	5	20	N	30	10	N	N	N	N
0690	N	N	N	N	10	50	N	30	<5	20	N	10	N
1075	N	N	5	N	20	N	N	N	10	N	N	<5	N
1075A	N	N	15	N	50	N	N	N	10	N	N	7	N
1077	N	N	10	N	30	N	N	N	5	N	N	7	N
1078	N	N	7	N	15	N	N	N	10	N	N	7	N
1079	N	N	15	N	70	N	N	N	15	<10	N	10	N
1079A	N	N	10	70	50	N	N	N	30	<10	N	10	N
1081	N	N	5	N	15	N	N	N	10	<10	N	7	N
1081A	N	N	15	10	70	N	N	N	20	<10	N	7	N
1086	N	N	5	N	7	N	N	N	10	N	N	5	N
1088	N	N	10	70	70	N	N	N	20	N	N	10	N
1090	N	N	10	70	30	N	N	N	15	N	N	5	N
1092	N	N	7	20	20	N	N	N	10	N	N	5	N
1093	N	N	15	70	150	N	N	N	50	<10	N	5	N
1094	N	N	10	30	20	N	N	N	15	N	N	7	N
1095	N	N	5	N	<5	N	N	N	5	<10	N	N	N
1096	N	N	10	30	20	N	N	N	10	N	N	7	N
1097	N	N	7	N	15	N	N	N	5	N	N	5	N
1098	N	N	10	50	20	N	N	N	20	N	N	5	N
1098A	N	N	15	70	30	20	N	N	50	10	N	15	N
1099	N	N	5	N	5	N	N	N	5	N	N	5	N
1100	N	N	5	N	10	N	N	N	5	N	N	<5	N
1101	N	N	5	N	10	N	N	N	10	<10	N	5	N
1103	N	N	7	10	15	N	N	N	5	N	N	5	N
1105	N	N	5	30	10	N	N	N	10	N	N	5	N
1118	N	N	10	N	50	N	N	N	5	N	N	7	N
1119	N	N	5	N	10	N	N	N	5	N	N	N	N
1121	N	N	15	N	10	20	N	20	5	N	N	10	N
1123	N	N	10	20	50	N	N	N	10	N	N	5	N
1124	N	N	5	30	20	N	N	N	5	N	N	5	N
1125	N	N	N	N	<5	N	N	N	N	N	N	N	N
1126	N	N	15	20	30	N	N	N	15	<10	N	10	N
1127	N	N	N	N	<5	30	N	30	<5	20	N	N	N
1127A	N	N	N	N	<5	20	N	30	<5	<10	N	N	N

PETERSBURG STUDY AREA PEBBLES ANALYSES--continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	Cu-ppm aa	Pb-ppm aa	Zn-ppm aa	W-ppm cm
					Port Alexander C2							
1110	300	200	N	20	N	200	N	<.05	75	20	65	N
1111	100	20	N	20	<200	200	N	<.05	60	<5	75	N
1112	100	10	N	20	N	150	N	<.05	<5	<5	45	N
					Port Alexander D1							
0686	N	10	N	30	N	300	N	N	10	10	15	N
0690	300	50	N	30	N	200	N	N	<5	15	130	N
1075	100	150	N	<10	N	30	N	N	25	20	10	N
1075A	100	150	N	<10	N	70	N	N	35	15	95	N
1077	200	100	N	<10	N	30	N	N	40	25	50	N
1078	100	150	N	10	N	150	N	<.05	20	15	90	<1
1079	100	30	N	30	N	70	N	N	60	5	150	N
1079A	100	100	N	10	N	70	N	N	50	15	60	N
1081	300	150	N	<10	N	100	N	N	20	10	30	N
1081A	200	150	N	<10	N	50	N	N	65	30	<5	N
1086	100	30	N	N	N	70	N	N	15	5	25	<1
1088	200	150	N	10	N	70	N	N	85	5	45	<1
1090	300	50	N	10	N	70	N	N	30	20	30	<1
1092	300	70	N	10	N	30	N	N	35	15	45	N
1093	200	100	N	N	N	30	N	N	75	15	100	<1
1094	300	150	N	<10	N	50	N	N	45	10	80	N
1095	100	20	N	10	N	100	N	<.05	5	10	65	N
1096	100	150	N	10	N	70	N	N	45	10	90	1
1097	300	100	N	10	N	70	N	<.05	35	20	95	N
1098	100	150	N	<10	N	70	N	N	40	10	60	<1
1098A	300	200	N	30	N	200	N	N	10	10	80	2
1099	500	50	N	10	N	70	N	N	10	<5	30	N
1100	N	50	N	N	N	70	N	<.05	20	<5	50	N
1101	300	100	N	20	N	100	N	<.05	20	<5	10	N
1103	200	100	N	<10	N	100	N	<.05	30	5	55	N
1105	200	50	N	N	N	30	N	<.05	15	<5	30	N
1118	300	100	N	10	200	100	N	<.05	55	5	200	N
1119	100	20	N	10	N	70	N	<.05	25	<5	30	<1
1121	200	50	N	30	N	200	N	<.05	5	<5	40	N
1123	200	100	N	N	N	70	N	N	35	15	30	N
1124	700	30	N	<10	N	70	N	N	40	20	130	N
1125	300	N	N	N	N	N	N	N	10	40	10	N
1126	100	150	N	20	N	200	N	<.05	25	10	230	N
1127	N	N	N	20	N	200	N	<.05	<5	45	120	<1
1127A	N	N	N	20	N	150	N	<.05	<5	10	70	1

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s	Be-ppm s
1127B	56 54 5	134 6 45	2.0	.50	.20	.030	500	N	N	N	20	150	3
1127C	56 54 5	134 6 45	2.0	.05	<.05	.050	700	N	N	N	20	200	2
1128	56 49 59	134 2 12	.5	.05	.05	.100	200	N	N	N	20	300	1
					Port Alexander D2								
1102	56 49 53	134 20 38	3.0	1.00	2.00	.300	500	N	N	N	<10	200	1
1104	56 49 51	134 20 12	3.0	1.00	2.00	.200	500	N	N	N	10	200	N
1104A	56 49 51	134 20 12	5.0	1.00	2.00	.300	700	N	N	N	<10	150	N
1113	56 45 35	134 23 18	5.0	1.00	2.00	.200	700	N	N	N	<10	150	N
1114	56 46 32	134 23 27	5.0	1.00	2.00	.300	500	N	N	N	<10	200	N
1115	56 51 25	134 23 40	3.0	1.00	1.00	.300	200	N	N	N	30	150	N
1116	56 51 10	134 22 39	5.0	2.00	2.00	.500	700	N	N	N	10	200	N
1117	56 53 20	134 20 31	5.0	1.00	3.00	.300	700	N	N	N	20	200	N
					Sitka A1								
1145	57 1 3	134 1 15	3.0	1.00	1.50	.050	500	N	N	N	10	200	N
					Sumdum A4								
1262	57 0 10	133 8 20	3.0	.70	1.50	.200	500	N	N	N	10	300	1
1265	57 0 22	133 9 22	3.0	1.00	2.00	.200	700	N	N	N	20	200	1
1266	57 0 28	133 15 20	5.0	1.00	2.00	.300	1,000	N	N	N	<10	500	1
					Sumdum A5								
1156	57 2 20	133 37 31	3.0	.70	2.00	.100	500	N	N	N	10	50	N
1160	57 0 22	133 23 28	5.0	2.00	3.00	.500	700	N	N	N	N	50	N
1181	57 0 20	133 39 49	3.0	1.00	2.00	.150	700	N	N	N	30	150	N
1199	57 2 33	133 33 42	3.0	.70	1.00	.200	700	N	N	N	<10	500	N
1201	57 2 4	133 32 0	5.0	.70	.50	.200	700	N	N	N	20	150	N
1201A	57 2 4	133 32 0	3.0	1.00	1.50	.300	700	N	N	N	20	150	N
1203	57 1 0	133 26 40	3.0	1.00	1.00	.200	500	N	N	N	20	150	N
1204	57 1 58	133 30 38	3.0	1.00	2.00	.200	700	N	N	N	20	700	1
1206	57 2 37	133 38 10	3.0	1.00	7.00	.150	700	N	N	N	10	100	N
1208	57 1 20	133 36 10	3.0	1.00	1.50	.150	700	N	N	N	20	150	N
					Sumdum A6								
1143	57 4 55	133 56 25	3.0	.70	.70	.150	700	N	N	N	20	500	N
1149	57 4 17	133 57 15	2.0	.70	1.00	.150	500	N	N	N	10	700	1
1151	57 4 20	133 57 2	5.0	2.00	2.00	.200	700	N	N	N	10	300	N
1151A	57 4 20	133 57 2	1.0	.50	.70	.050	500	N	N	N	10	1,500	N
1153	57 5 6	133 48 40	5.0	2.00	2.00	.200	700	N	N	N	10	500	N

PETERSBURG STUDY AREA PEBBLES ANALYSES--continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s
1127B	N	N	N	N	<5	30	N	30	<5	N	N	N	N
1127C	N	N	N	N	<5	N	N	30	<5	<10	N	N	N
1128	N	N	5	N	<5	N	N	20	5	N	N	N	N
						Port Alexander D2							
1102	N	N	10	20	30	N	N	N	5	<10	N	7	N
1104	N	N	15	10	50	N	N	N	10	<10	N	7	N
1104A	N	N	15	20	20	N	N	N	5	<10	N	7	N
1113	N	N	30	N	150	N	N	N	5	N	N	7	N
1114	N	N	10	20	10	N	N	N	10	<10	N	7	N
1115	N	N	15	20	50	N	N	N	15	<10	N	7	N
1116	N	N	20	100	50	N	N	N	70	N	N	10	N
1117	N	N	15	30	30	N	N	N	15	<10	N	7	N
						Sitka A1							
1145	N	N	10	300	15	N	N	N	50	N	N	7	N
						Sumdum A4							
1262	N	N	7	20	50	N	N	N	15	<10	N	7	N
1265	N	N	15	100	50	N	N	N	15	<10	N	7	N
1266	N	N	15	20	15	N	N	N	5	<10	N	7	N
						Sumdum A5							
1156	N	N	5	10	10	N	N	N	5	N	N	N	N
1160	N	N	15	100	70	N	N	N	70	N	N	15	N
1181	N	N	5	15	30	N	N	N	15	<10	N	5	N
1199	N	N	7	30	20	N	N	N	15	<10	N	5	N
1201	N	N	10	50	15	N	N	N	30	<10	N	5	N
1201A	N	N	10	30	20	N	N	N	15	N	N	5	N
1203	N	N	15	30	100	N	N	N	15	N	N	5	N
1204	N	N	10	15	15	N	N	N	10	<10	N	5	N
1206	N	N	5	30	7	N	N	N	10	N	N	5	N
1208	N	N	7	30	7	N	N	N	15	<10	N	5	N
						Sumdum A6							
1148	N	N	10	N	15	N	N	N	10	N	N	7	N
1149	N	N	10	10	50	N	15	N	15	N	N	5	N
1151	N	N	20	10	70	N	N	N	5	N	N	15	N
1151A	N	N	N	N	10	N	N	N	5	N	N	N	N
1153	N	N	15	10	100	N	N	N	5	N	N	15	N

PETERSBURG STUDY AREA PEBBLES ANALYSES--continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	Cu-ppm aa	Pb-ppm aa	Zn-ppm aa	W-ppm cm
1127B	N	N	N	10	N	200	N	<.05	<5	5	70	N
1127C	N	N	N	30	N	200	N	<.05	<5	5	75	1
1128	N	10	N	10	N	200	N	<.05	<5	10	50	3
					Port Alexander D2							
1102	300	150	N	20	N	200	N	N	30	<5	50	N
1104	300	200	N	20	N	70	N	N	75	10	55	N
1104A	200	100	N	10	N	150	N	N	25	5	20	N
1113	300	50	N	N	N	N	N	N	220	N	20	N
1114	300	100	N	10	N	70	N	<.05	15	5	35	N
1115	500	100	N	<10	N	70	N	<.05	50	10	85	N
1116	500	150	N	20	N	100	N	<.05	45	10	60	N
1117	300	100	N	10	N	70	N	<.05	45	10	70	N
					Sitka A1							
1145	N	70	N	N	N	N	N	N	25	5	20	N
					Sumdum A4							
1262	300	100	N	10	N	100	N	N	65	10	50	N
1265	700	150	N	10	N	100	N	N	45	5	60	N
1266	700	200	N	20	N	70	N	N	20	5	40	N
					Sumdum A5							
1156	300	30	N	N	N	20	N	<.05	10	15	60	N
1160	100	150	N	15	N	100	N	<.05	120	10	40	N
1181	150	50	N	10	N	70	N	N	55	20	65	N
1199	100	100	N	N	N	50	N	N	40	10	65	N
1201	100	100	N	N	N	100	N	N	30	15	85	N
1201A	200	70	N	N	N	70	N	N	30	5	75	N
1203	100	100	N	N	N	70	N	N	80	15	90	<1
1204	200	100	N	<10	N	100	N	N	20	15	45	N
1206	700	30	N	20	N	30	N	N	15	20	40	N
1208	300	50	N	N	N	70	N	N	15	20	60	N
					Sumdum A6							
1148	100	100	N	10	N	70	N	N	35	10	60	N
1149	100	100	N	10	N	100	N	N	80	5	55	N
1151	500	300	N	<10	N	30	N	N	80	5	10	N
1151A	100	10	N	N	N	20	N	<.05	15	<5	<5	N
1153	700	200	N	10	N	70	N	<.05	150	10	15	<1

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s	Be
1154	57 4 39	133 46 46	3.0	.70	1.00	.150	700	N	N	N	10	100	
1155	57 5 36	133 51 5	3.0	.70	1.00	.200	500	N	N	N	<10	300	
1157	57 4 38	133 46 35	3.0	2.00	3.00	.150	2,000	N	N	N	30	200	
1171	57 1 48	133 54 40	3.0	.70	1.50	.200	1,000	N	N	N	10	150	
1173	57 2 50	133 48 15	2.0	.70	.70	.030	300	N	N	N	10	70	
1173A	57 2 50	133 48 15	10.0	3.00	5.00	.300	1,500	N	N	N	10	200	
1175	57 2 39	133 48 13	10.0	3.00	3.00	.500	700	N	N	N	10	150	
1175A	57 2 42	133 48 13	7.0	.70	1.50	.150	700	N	N	N	10	150	
1177	57 1 50	133 47 48	7.0	1.00	1.00	.300	700	N	N	N	30	300	
1179	57 0 15	133 43 50	2.0	.70	.10	.100	100	N	N	N	10	300	
1197	57 0 30	133 50 15	3.0	.70	.20	.150	700	N	N	N	<10	200	
1200	57 0 1	133 59 1	3.0	2.00	2.00	.300	500	N	N	N	10	500	
1202	57 4 35	133 44 50	7.0	2.00	1.50	.300	700	N	N	N	20	150	
					Bradfield Canal C6								
0891	56 31 36	131 58 52	3.0	1.00	2.00	.050	700	N	N	N	<10	1,500	
0893	56 31 33	131 59 0	1.0	.30	1.00	.020	100	N	N	N	<10	1,500	
0893A	56 31 33	131 59 0	2.0	.70	1.00	.150	200	N	N	N	<10	200	
1018	56 38 30	131 59 40	2.0	.30	1.50	.100	150	N	N	N	<10	1,000	
1020	56 40 10	131 58 35	2.0	.50	1.50	.100	200	N	N	N	<10	700	

PETERSBURG STUDY AREA PEBBLES ANALYSES--continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s
1154	N	N	10	30	15	N	N	N	15	<10	N	7	N
1155	N	N	10	N	70	N	N	N	10	N	N	7	N
1157	N	N	5	20	15	20	N	N	10	N	N	7	N
1171	N	N	5	N	20	N	N	N	10	<10	N	5	N
1173	N	N	5	20	30	N	N	N	15	N	N	N	N
1173A	N	N	20	N	200	N	N	N	<5	N	N	7	N
1175	N	N	30	N	1,500	N	N	N	20	N	N	15	N
1175A	N	N	10	50	70	N	N	N	15	<10	N	7	N
1177	N	N	20	50	100	N	5	N	50	10	N	7	N
1179	N	N	10	30	20	N	N	N	20	N	N	5	N
1197	N	N	7	N	20	N	N	N	10	N	N	5	N
1200	N	N	15	200	70	N	N	N	100	N	N	5	N
1202	N	N	10	50	50	N	N	N	30	N	N	5	N
Bradfield Canal C6													
0891	N	N	15	20	100	N	N	N	7	15	N	15	N
0893	N	N	5	N	20	N	N	N	5	10	N	N	N
0893A	N	N	5	150	20	N	30	N	50	N	N	5	N
1018	N	N	5	N	70	N	N	N	<5	10	N	N	N
1020	N	N	5	30	100	N	N	N	30	<10	N	5	N

PETERSBURG STUDY AREA PEBBLES ANALYSES--continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	Cu-ppm aa	Pb-ppm aa	Zn-ppm aa	W-ppm cm
1154	100	150	N	N	N	50	N	<.05	30	10	50	N
1155	100	150	N	10	N	100	N	<.05	170	10	60	N
1157	150	70	N	20	N	100	N	<.05	15	10	50	N
1171	N	50	N	10	N	70	N	N	45	20	50	N
1173	N	100	N	15	N	20	N	N	30	10	30	N
1173A	1,000	700	N	10	N	70	N	N	300	10	25	N
1175	700	700	N	15	N	20	N	N	1,800	5	45	N
1175A	100	100	N	30	N	70	N	N	55	20	45	N
1177	200	200	N	N	N	70	N	N	150	30	95	N
1179	N	50	N	N	N	20	N	N	30	10	20	N
1197	N	50	N	N	N	30	N	N	35	<5	20	N
1200	200	150	N	<10	N	50	N	N	100	10	55	N
1202	100	200	N	<10	N	100	N	N	45	10	60	N
					Bradfield Canal C6							
0891	500	50	N	10	N	50	N	N	60	5	20	2
0893	700	10	N	<10	N	20	N	N	80	<5	10	10
0893A	100	500	N	20	<200	100	N	N	60	<5	150	<2
1018	700	20	N	N	N	150	N	<.05	30	<5	10	N
1020	300	50	N	10	N	100	N	<.05	50	<5	20	<1

Table 5.--Analytical results for 1,430 nonmagnetic fraction (C-3) of heavy-mineral concentrates from stream sediments, Petersburg study area, southeast Alaska.

[See page 8 for explanation. Table pages run from 172 to 281]

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
						Petersburg A1						
0106	56 10 44	132 19 10	7.0	1.50	5.0	1.00	1,000	N	N	N	50	150
0107	56 11 10	132 16 57	5.0	.50	7.0	1.50	1,500	20.0	N	N	70	300
0108	56 11 9	132 15 45	7.0	.70	5.0	1.00	1,500	N	N	N	100	300
0109	56 10 55	132 14 33	5.0	.50	5.0	1.50	1,000	N	N	N	70	300
0110	56 9 43	132 11 2	5.0	1.00	5.0	1.00	1,000	N	N	N	100	500
0111	56 8 22	132 9 23	2.0	.70	3.0	1.50	300	N	N	N	50	200
0112	56 7 57	132 8 47	1.0	.20	2.0	>2.00	150	N	N	N	50	200
0113	56 7 22	132 7 35	2.0	.70	1.5	1.00	300	N	N	N	100	150
0114	56 6 33	132 7 28	2.0	1.00	2.0	2.00	300	N	N	N	70	150
0115	56 6 9	132 6 28	2.0	1.00	2.0	2.00	300	N	N	N	200	150
0116	56 5 55	132 8 32	2.0	.70	2.0	.70	300	N	N	N	100	200
0117	56 5 19	132 11 40	2.0	1.00	5.0	2.00	700	N	N	N	100	500
0118	56 7 24	132 13 33	5.0	.70	7.0	2.00	1,500	N	N	N	200	300
0119	56 9 6	132 16 32	2.0	1.50	10.0	1.00	1,000	N	N	N	50	200
0120	56 9 25	132 15 55	5.0	.70	7.0	2.00	1,000	N	N	N	20	300
0121	56 8 18	132 15 36	7.0	2.00	5.0	1.00	1,000	N	N	N	70	200
0122	56 8 11	132 15 45	7.0	5.00	7.0	1.00	1,500	N	N	N	20	150
0123	56 6 43	132 14 0	7.0	1.50	5.0	.70	1,000	N	N	N	100	150
0124	56 6 17	132 15 45	5.0	1.50	7.0	1.00	1,500	N	N	N	70	200
0126	56 14 0	132 18 26	2.0	.70	2.0	1.00	300	N	N	N	100	200
0128	56 14 12	132 14 25	2.0	1.50	10.0	>2.00	1,000	N	N	N	500	200
0129	56 13 41	132 12 47	2.0	1.00	5.0	>2.00	500	10.0	N	N	70	1,000
0130	56 12 30	132 16 0	1.0	.70	5.0	2.00	300	N	N	N	50	300
0131	56 11 43	132 12 22	1.0	.70	2.0	2.00	200	N	N	N	70	200
0132	56 12 3	132 10 0	2.0	.70	2.0	2.00	300	N	N	N	70	300
0133	56 12 9	132 9 56	.7	.15	2.0	>2.00	100	N	N	N	<20	100
0134	56 10 56	132 8 50	1.0	.15	1.0	2.00	70	N	N	N	20	100
0135	56 10 0	132 7 5	.5	.10	1.0	1.00	50	N	N	N	<20	50
0348	56 9 14	132 6 15	1.0	.70	2.0	2.00	200	N	N	N	20	200
0350	56 9 3	132 3 30	1.5	.70	3.0	2.00	300	N	N	N	70	100
0351	56 8 50	132 3 9	.7	.20	3.0	>2.00	200	N	N	N	20	100
0352	56 14 2	132 3 40	1.5	.20	5.0	>2.00	500	N	N	N	50	200
0353	56 12 45	132 2 15	2.0	.70	5.0	2.00	700	N	N	N	20	300
0354	56 14 48	132 5 5	2.0	.70	7.0	>2.00	700	N	N	N	300	300
0355	56 13 36	132 5 15	2.0	.50	5.0	>2.00	500	N	N	N	70	300
0356	56 14 42	132 5 3	5.0	1.00	7.0	2.00	1,000	N	N	N	70	500
0357	56 14 7	132 3 30	2.0	.50	7.0	>2.00	500	N	N	N	70	200
0358	56 14 56	132 7 48	3.0	1.50	10.0	>2.00	1,000	N	N	N	500	500
0841	56 0 28	132 12 28	1.5	.70	10.0	>2.00	1,000	N	N	N	20	300
0842	56 1 15	132 16 55	2.0	.50	10.0	>2.00	1,000	N	10,000	N	100	300

C-1/c-2

PETERSBURG STUDY AREA C3 ANALYSES

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
					Petersburg A1						
0106	2	N	N	10	200	100	150	N	70	10	N
0107	2	N	N	10	150	<10	150	N	150	10	<20
0108	2	N	N	10	150	<10	200	N	50	10	<20
0109	2	N	N	10	150	10	N	N	200	10	N
0110	5	N	N	10	150	<10	N	N	100	20	N
0111	2	N	N	10	150	10	N	N	150	10	N
0112	2	N	N	10	150	10	N	N	300	10	N
0113	2	N	N	10	150	<10	N	N	70	20	N
0114	N	N	N	10	200	10	N	N	200	10	N
0115	N	N	N	10	150	10	N	N	100	10	N
0116	2	N	N	10	200	10	N	N	50	30	N
0117	2	N	N	10	100	15	N	N	N	10	<20
0118	N	N	N	10	150	10	200	N	100	10	20
0119	N	N	N	10	200	<10	300	N	50	10	N
0120	2	N	N	10	100	10	50	N	150	10	<20
0121	N	N	N	20	500	<10	100	N	N	10	<20
0122	N	N	N	10	500	<10	50	N	N	10	<20
0123	2	N	N	10	200	<10	50	N	N	10	N
0124	2	N	N	10	200	<10	100	N	50	10	N
0126	2	N	N	10	150	10	N	N	50	10	N
0128	<2	N	N	20	300	10	150	N	50	70	<20
0129	2	N	N	10	500	100	N	N	700	10	N
0130	2	N	N	10	150	20	N	N	1,000	10	N
0131	2	N	N	10	150	10	N	N	500	10	N
0132	N	N	N	10	150	<10	N	N	200	10	N
0133	N	N	N	10	150	20	N	N	1,000	10	N
0134	N	N	N	10	150	10	N	N	300	10	N
0135	N	N	N	10	70	<10	N	N	50	10	N
0348	N	N	N	N	200	10	N	N	200	10	N
0350	N	N	N	N	500	10	N	N	200	10	N
0351	2	N	N	10	150	15	70	N	500	10	N
0352	2	N	N	10	200	15	N	N	500	10	N
0353	2	N	N	10	200	10	N	N	200	20	N
0354	2	N	N	10	200	20	100	N	700	10	<20
0355	2	N	N	10	200	15	N	N	500	10	N
0356	2	N	N	10	200	15	N	N	150	10	<20
0357	2	N	N	10	300	30	200	N	1,500	10	N
0358	N	N	N	20	300	15	500	N	100	30	20
0841	N	N	N	10	50	10	2,000	N	50	10	N
0842	N	N	N	10	N	20	500	N	50	10	500

PETERSBURG STUDY AREA C3 ANALYSES

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
					Petersburg A1					
0106	N	30	N	500	300	N	150	N	>2,000	N
0107	N	50	N	1,000	300	N	150	N	>2,000	N
0108	N	30	N	700	300	N	100	N	>2,000	N
0109	N	30	N	1,000	300	N	200	N	1,500	N
0110	N	30	N	700	300	N	70	N	1,000	N
0111	N	10	N	200	300	N	70	N	1,500	N
0112	N	10	N	200	300	N	70	N	2,000	N
0113	N	10	N	200	200	N	20	<500	200	N
0114	N	10	N	200	300	N	70	N	1,500	N
0115	N	10	N	200	300	N	70	N	1,000	N
0116	N	10	N	200	200	N	50	<500	1,000	N
0117	N	20	N	1,500	300	N	100	500	200	N
0118	N	30	N	1,500	300	N	200	<500	2,000	N
0119	N	20	N	500	300	N	300	<500	>2,000	N
0120	N	30	N	1,500	300	N	200	<500	1,500	N
0121	N	30	N	200	300	N	70	N	>2,000	N
0122	N	30	N	500	500	N	70	N	1,500	N
0123	N	20	N	200	300	N	100	N	2,000	N
0124	N	20	N	500	300	N	150	N	>2,000	N
0126	N	10	N	N	200	N	70	N	1,500	N
0128	N	10	20	1,000	200	N	200	<500	>2,000	N
0129	N	10	N	500	500	N	150	N	2,000	N
0130	N	10	N	500	300	N	200	N	2,000	N
0131	N	10	N	200	300	N	100	N	>2,000	N
0132	N	10	N	500	300	N	70	N	700	N
0133	N	10	N	200	300	N	70	N	2,000	N
0134	N	10	N	N	300	N	50	N	700	N
0135	N	10	N	N	100	N	N	N	200	N
0348	N	10	N	N	500	N	70	<500	1,000	N
0350	N	10	N	200	500	N	50	<500	1,000	N
0351	N	10	N	200	300	N	200	N	>2,000	N
0352	N	10	N	500	300	N	200	N	>2,000	N
0353	N	10	N	700	300	N	50	<500	500	N
0354	N	10	N	700	300	N	500	N	>2,000	N
0355	N	10	N	700	500	N	20	<500	1,000	N
0356	N	10	N	1,500	300	N	200	N	1,000	N
0357	N	10	N	500	700	N	500	N	>2,000	N
0358	N	30	N	2,000	300	N	300	N	>2,000	N
0841	N	30	N	10,000	300	N	1,500	N	>2,000	N
0842	N	50	N	500	700	N	2,000	N	>2,000	700

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
0843	56 1 45	132 12 8	5.0	1.00	10.0	>2.00	2,000	N	N	N	150	300
0844	56 1 18	132 12 38	5.0	2.00	20.0	2.00	1,500	N	N	N	20	500
0845	56 2 30	132 12 50	5.0	2.00	10.0	>2.00	1,500	500.0	N	N	500	1,000
0846	56 3 2	132 13 2	5.0	1.50	10.0	>2.00	1,500	N	N	N	500	700
0847	56 1 30	132 10 22	5.0	1.00	10.0	>2.00	2,000	N	N	N	100	500
0848	56 1 0	132 9 55	5.0	1.50	10.0	>2.00	1,500	N	N	N	500	500
0849	56 5 0	132 13 42	7.0	2.00	10.0	>2.00	2,000	N	N	N	50	1,000
0850	56 4 27	132 15 30	5.0	2.00	7.0	>2.00	1,500	N	N	N	500	500
0851	56 12 52	132 16 45	5.0	1.00	7.0	>2.00	1,000	N	N	N	70	500
0853	56 4 52	132 19 28	5.0	1.50	7.0	2.00	1,500	N	N	N	100	500
0854	56 5 0	132 19 35	5.0	1.00	7.0	>2.00	1,500	N	N	N	500	300
0855	56 1 40	132 2 20	2.0	2.00	20.0	>2.00	1,500	N	N	N	150	200
0856	56 4 30	132 2 36	2.0	2.00	10.0	>2.00	1,500	N	N	N	1,000	300
0858	56 4 20	132 1 15	5.0	5.00	20.0	2.00	1,500	N	N	N	1,500	300
0859	56 9 10	132 1 10	5.0	1.50	10.0	>2.00	1,500	N	N	N	500	700
0860	56 9 58	132 1 0	7.0	1.50	10.0	>2.00	1,500	N	N	N	1,500	500
0861	56 12 0	132 1 31	2.0	1.00	7.0	>2.00	1,500	N	N	N	500	700
0861A	56 12 0	132 1 31	5.0	.70	5.0	2.00	500	N	N	N	200	150
0862	56 13 22	132 1 42	10.0	1.00	7.0	>2.00	1,000	1.0	N	N	70	700
					Petersburg A2--continued							
0053	56 14 31	132 35 44	2.0	1.50	7.0	>2.00	1,500	N	N	N	150	200
0054	56 13 57	132 36 40	2.0	1.00	7.0	2.00	2,000	N	N	N	50	300
0055	56 13 35	132 39 37	2.0	1.50	7.0	>2.00	1,000	N	N	N	70	200
0060	56 8 8	132 39 20	10.0	1.50	10.0	.50	1,500	1.0	N	N	30	10,000
0061	56 7 44	132 39 9	2.0	7.00	10.0	.20	1,500	N	N	N	<20	300
0067	56 4 8	132 38 4	2.0	2.00	10.0	>2.00	1,500	N	N	N	100	500
0068	56 5 29	132 37 15	7.0	7.00	15.0	.30	1,500	N	N	N	30	100
0069	56 5 1	132 35 20	7.0	1.50	10.0	>2.00	2,000	N	N	N	100	10,000
0070	56 7 0	132 34 42	2.0	1.00	3.0	2.00	1,500	N	N	N	50	500
0071	56 7 30	132 34 55	7.0	5.00	15.0	1.00	2,000	N	N	N	150	150
0072	56 8 11	132 35 25	5.0	2.00	20.0	>2.00	2,000	N	N	N	100	700
0073	56 9 10	132 35 50	5.0	2.00	15.0	>2.00	2,000	N	N	N	70	1,000
0074	56 10 14	132 35 30	2.0	1.50	7.0	>2.00	1,500	N	N	N	150	300
0075	56 9 13	132 34 31	5.0	2.00	10.0	2.00	2,000	N	N	N	100	700
0076	56 8 38	132 34 40	2.0	1.50	10.0	>2.00	1,500	N	N	N	100	700
0077	56 6 25	132 32 25	7.0	1.50	10.0	>2.00	2,000	N	N	N	30	500
0079	56 5 24	132 32 30	2.0	1.50	10.0	>2.00	1,000	N	N	N	70	500
0080	56 4 10	132 29 1	7.0	1.00	15.0	>2.00	2,000	N	N	N	50	500
0081	56 5 20	132 28 20	7.0	2.00	15.0	1.00	2,000	N	N	N	<20	300
0082	56 8 30	132 28 30	2.0	1.50	20.0	2.00	1,500	N	N	N	100	500

PETERSBURG STUDY AREA C3 ANALYSES--continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
0843	N	N	N	10	150	50	100	N	2,000	10	20
0844	N	N	N	10	200	20	2,000	N	70	50	N
0845	N	N	N	20	200	20	200	N	500	10	N
0846	2	N	N	20	200	15	100	N	500	10	20
0847	2	N	N	10	150	50	150	N	2,000	10	20
0848	2	N	N	20	200	50	700	N	1,000	10	<20
0849	2	N	N	70	500	20	1,000	N	500	10	20
0850	2	N	N	20	300	15	200	N	500	50	<20
0851	2	N	N	10	200	150	200	N	1,500	10	20
0853	2	N	N	20	200	10	100	50	200	10	50
0854	2	N	N	20	200	50	500	N	1,500	10	N
0855	2	N	N	10	200	20	1,000	N	500	10	N
0856	2	N	N	10	700	20	300	N	1,000	10	N
0858	N	N	N	10	1,000	10	1,000	N	500	10	N
0859	2	N	N	10	150	50	1,000	N	1,000	10	<20
0860	2	N	N	50	700	150	200	N	1,000	200	50
0861	2	N	N	10	500	30	300	N	700	10	N
0861A	N	N	N	10	500	30	100	N	100	10	<20
0862	N	N	N	70	500	500	200	N	500	200	50
					Petersburg A2--continued						
0053	N	N	N	10	100	10	50	N	200	10	<20
0054	N	N	N	10	150	10	50	N	100	10	<20
0055	N	N	N	10	100	15	50	N	200	10	50
0060	N	N	N	70	300	1,000	50	N	N	70	100
0061	N	N	N	30	1,000	50	N	N	N	70	<20
0067	2	N	N	10	150	30	100	N	1,000	10	50
0068	N	N	N	30	1,000	10	N	N	N	100	<20
0069	2	N	200	10	200	200	100	N	1,000	10	50
0070	2	N	N	10	100	10	200	N	1,000	10	50
0071	N	N	N	30	1,000	20	50	N	N	100	20
0072	N	N	N	10	200	50	150	N	1,000	10	50
0073	N	N	N	10	150	30	100	N	1,000	10	50
0074	N	N	N	10	150	100	100	N	1,000	10	N
0075	2	N	N	10	200	50	100	N	200	10	30
0076	N	N	N	10	150	50	300	N	1,500	10	20
0077	2	N	N	30	200	20	1,000	N	50	50	20
0079	N	N	N	10	150	10	1,000	N	200	10	N
0080	2	N	N	20	150	10	300	N	<50	10	50
0081	2	N	N	30	500	10	50	N	N	50	<20
0082	N	N	N	10	150	10	500	N	200	10	70

PETERSBURG STUDY AREA C3 ANALYSES--continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
0843	N	10	30	5,000	500	N	1,000	N	>2,000	N
0844	N	20	N	10,000	200	N	500	N	>2,000	200
0845	N	30	N	5,000	700	N	700	N	>2,000	N
0846	N	30	N	5,000	700	N	500	N	>2,000	700
0847	N	20	N	5,000	500	100	1,000	N	>2,000	N
0848	N	20	N	2,000	700	N	500	N	>2,000	N
0849	N	30	N	5,000	700	N	500	N	>2,000	N
0850	N	30	N	1,500	500	N	500	N	>2,000	N
0851	N	10	N	2,000	500	100	300	N	>2,000	N
0853	N	20	1,000	1,500	500	N	200	N	>2,000	N
0854	N	50	700	500	500	N	1,500	N	>2,000	2,000
0855	N	20	N	2,000	500	N	1,500	N	>2,000	N
0856	N	30	N	10,000	700	N	700	N	>2,000	N
0858	N	30	N	7,000	700	N	700	N	>2,000	N
0859	N	20	N	7,000	500	N	1,000	N	>2,000	N
0860	N	20	N	7,000	700	N	500	N	>2,000	N
0861	N	20	N	7,000	500	N	500	N	>2,000	N
0861A	N	30	20	700	300	N	300	N	>2,000	N
0862	N	30	30	700	300	N	1,000	N	>2,000	N
				Petersburg A2--continued						
0053	N	10	N	700	300	N	200	N	>2,000	N
0054	N	10	N	700	200	N	200	N	>2,000	N
0055	N	10	N	1,000	300	N	500	N	>2,000	N
0060	N	70	N	1,000	500	N	50	700	100	N
0061	N	70	N	200	150	N	20	N	20	N
0067	N	10	N	5,000	500	N	500	500	2,000	N
0068	N	100	N	500	300	N	30	N	>2,000	N
0069	N	30	20	5,000	500	N	1,000	20,000	>2,000	N
0070	N	10	20	5,000	200	N	5,000	N	>2,000	N
0071	N	100	N	1,000	500	N	70	N	1,000	N
0072	N	30	N	10,000	500	N	1,000	N	>2,000	N
0073	N	30	N	5,000	500	N	700	N	>2,000	N
0074	N	10	N	1,500	500	N	700	N	>2,000	N
0075	N	10	N	5,000	500	N	200	N	>2,000	N
0076	N	10	N	5,000	500	N	1,000	N	>2,000	N
0077	N	30	N	1,500	500	N	200	N	1,000	N
0079	N	10	N	5,000	500	N	1,500	N	>2,000	N
0080	N	70	N	3,000	500	N	200	N	>2,000	N
0081	N	70	N	700	300	N	200	N	>2,000	N
0082	N	10	N	5,000	500	N	1,000	N	>2,000	N

PETERSBURG STUDY AREA C3 ANALYSES--continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
0083	56 10 5	132 27 23	2.0	1.50	50.0	>2.00	1,500	N	N	N	70	500
0084	56 10 18	132 28 10	2.0	2.00	20.0	2.00	1,500	N	N	N	70	500
0085	56 9 25	132 28 0	2.0	1.00	10.0	2.00	1,500	N	N	N	300	500
0086	56 8 11	132 28 10	2.0	2.00	10.0	2.00	1,500	N	N	N	100	500
0087	56 6 36	132 24 56	2.0	1.00	10.0	>2.00	1,500	N	N	N	100	500
0088	56 4 56	132 25 0	7.0	2.00	10.0	>2.00	1,500	N	N	N	<20	300
0089	56 3 40	132 26 58	2.0	1.50	50.0	>2.00	1,500	N	N	N	70	500
0098	56 13 56	132 24 30	7.0	5.00	10.0	1.50	1,500	N	N	N	<20	150
0099	56 12 17	132 29 5	7.0	5.00	7.0	1.50	1,500	N	N	N	<20	200
0100	56 11 10	132 30 33	5.0	1.50	5.0	1.00	1,500	N	N	N	70	300
0101	56 11 0	132 29 28	5.0	1.50	5.0	>2.00	1,500	N	N	N	70	200
0102	56 10 0	132 22 30	5.0	1.50	2.0	1.50	1,500	N	N	N	20	150
0103	56 9 42	132 21 49	5.0	1.50	5.0	1.50	1,000	N	N	N	<20	150
0104	56 10 44	132 20 10	5.0	1.00	3.0	1.00	1,000	N	N	N	70	150
0105	56 10 38	132 20 10	2.0	.50	3.0	.70	500	N	N	N	70	300
0297	56 10 50	132 34 17	2.0	.70	7.0	>2.00	1,500	N	N	N	70	200
0298	56 11 5	132 36 32	2.0	1.00	7.0	>2.00	1,000	N	N	N	50	500
0299	56 10 56	132 39 18	2.0	1.00	7.0	>2.00	500	N	N	N	20	200
0300	56 11 31	132 36 8	2.0	1.00	7.0	2.00	1,000	N	N	N	20	500
0301	56 2 2	132 22 10	2.0	1.00	7.0	2.00	1,000	N	N	N	20	500
0302	56 2 23	132 22 21	2.0	1.00	5.0	2.00	500	N	N	N	50	300
0303	56 3 37	132 20 3	1.5	.50	3.0	2.00	200	N	N	N	500	300
0342	56 12 58	132 23 3	7.0	1.00	7.0	>2.00	1,500	N	N	N	50	500
0343	56 11 40	132 24 10	2.0	1.00	7.0	>2.00	1,000	N	N	N	50	300
0344	56 11 30	132 24 50	2.0	1.00	7.0	>2.00	1,000	N	N	N	50	300
0345	56 11 15	132 27 15	1.5	1.00	5.0	>2.00	700	N	N	N	50	200
0346	56 12 25	132 26 46	5.0	1.50	10.0	>2.00	2,000	N	N	N	70	300
0347	56 12 45	132 24 40	2.0	1.00	5.0	>2.00	1,000	N	N	N	30	300
0359	56 14 11	132 30 32	2.0	1.00	5.0	>2.00	1,500	N	N	N	70	500
0360	56 14 57	132 30 50	5.0	1.00	5.0	>2.00	1,500	N	N	N	50	300
0361	56 14 57	132 30 58	10.0	1.50	10.0	>2.00	2,000	N	N	N	50	300
0831	56 6 20	132 28 20	2.0	.20	10.0	>2.00	1,000	N	N	N	20	300
0832	56 5 50	132 33 45	3.0	5.00	10.0	>5.00	2,000	N	N	N	50	500
0833	56 7 3	132 28 25	3.0	1.00	7.0	2.00	1,500	N	N	N	150	500
0834	56 6 28	132 26 36	1.0	.50	7.0	>2.00	1,000	N	N	N	70	300
0835	56 7 40	132 28 40	2.0	1.00	2.0	2.00	500	N	N	N	50	200
0836	56 3 5	132 28 5	2.0	.70	7.0	>2.00	1,500	N	N	N	50	500
0837	56 1 58	132 25 10	2.0	.50	10.0	>2.00	1,500	N	N	N	50	500
0838	56 1 40	132 26 40	2.0	1.00	10.0	>2.00	1,500	N	N	N	20	300
0839	56 0 50	132 23 0	7.0	1.50	10.0	>2.00	1,500	N	N	N	200	1,000

PETERSBURG STUDY AREA C3 ANALYSES--continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
0083	N	N	N	10	500	100	700	N	1,000	10	50
0084	N	N	N	10	200	50	200	N	500	10	50
0085	N	N	N	10	200	30	1,000	N	200	10	N
0086	N	N	N	10	500	10	100	N	200	10	70
0087	N	N	N	10	150	70	700	N	3,000	10	70
0088	5	N	N	30	1,000	10	300	N	70	50	20
0089	N	N	N	10	200	100	200	N	1,000	10	100
0098	N	N	N	20	1,500	10	150	N	N	70	N
0099	N	N	N	20	500	10	50	N	70	50	N
0100	2	N	N	10	150	10	50	N	70	10	<20
0101	2	N	N	10	200	15	200	N	500	10	N
0102	2	N	N	20	300	<10	150	70	150	30	N
0103	2	N	N	10	500	<10	200	10	100	30	N
0104	2	N	N	10	150	<10	N	N	70	10	N
0105	2	N	N	N	100	<10	N	N	50	10	N
0297	2	N	N	10	70	200	100	N	500	10	<20
0298	2	N	N	10	150	15	70	N	500	10	<20
0299	2	N	N	10	150	15	70	N	500	10	<20
0300	2	N	N	10	150	<10	50	N	100	10	N
0301	2	N	N	10	70	150	50	N	100	10	N
0302	2	N	N	10	150	10	50	N	200	10	N
0303	2	N	N	N	70	<10	50	N	300	10	N
0342	2	N	N	10	150	150	150	N	300	10	<20
0343	N	N	N	10	150	10	500	N	150	10	N
0344	N	N	N	10	150	20	500	N	300	10	100
0345	N	N	N	10	150	15	150	N	500	10	<20
0346	2	N	N	10	70	150	150	N	500	10	150
0347	N	N	N	10	150	20	150	N	200	10	<20
0359	2	N	N	10	100	20	300	N	700	10	30
0360	2	N	N	10	100	100	50	N	500	10	20
0361	2	N	N	10	300	30	150	N	100	10	20
0831	N	N	N	10	70	50	200	N	200	10	50
0832	5	N	N	N	150	20	100	N	500	20	N
0833	N	N	N	N	150	<20	100	N	200	20	N
0834	N	N	N	10	150	10	100	N	200	10	N
0835	N	N	N	10	150	<10	50	70	150	20	150
0836	N	N	N	20	100	15	100	N	500	10	<20
0837	N	N	N	10	50	50	N	N	2,000	10	30
0838	2	N	N	10	100	20	100	N	1,500	10	20
0839	2	N	N	10	100	30	200	N	300	10	70

PETERSBURG STUDY AREA C3 ANALYSES--continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
0083	N	10	N	10,000	500	N	700	N	>2,000	N
0084	N	10	N	10,000	300	N	500	N	>2,000	N
0085	N	20	N	5,000	500	N	1,000	N	>2,000	1,000
0086	N	20	N	500	500	N	500	N	>2,000	N
0087	N	50	200	700	300	N	1,500	N	>2,000	1,500
0088	N	70	20	500	500	N	500	1,000	>2,000	N
0089	N	30	300	10,000	500	N	700	N	>2,000	N
0098	N	70	N	500	500	N	200	N	>2,000	N
0099	N	70	N	500	500	N	100	N	2,000	N
0100	N	20	N	700	300	N	70	<500	1,500	N
0101	N	30	N	200	500	N	700	N	>2,000	N
0102	N	30	N	200	300	N	200	<500	>2,000	N
0103	N	30	N	200	300	N	200	N	>2,000	N
0104	N	10	N	300	300	N	100	<500	>2,000	N
0105	N	10	N	500	100	N	70	N	>2,000	N
0297	N	10	50	500	200	N	200	N	>2,000	N
0298	N	10	50	700	300	N	300	N	>2,000	N
0299	N	10	N	500	300	N	300	N	2,000	N
0300	N	10	N	700	300	N	300	N	>2,000	N
0301	N	10	N	700	300	N	200	N	>2,000	N
0302	N	10	N	300	300	N	150	N	>2,000	N
0303	N	10	N	200	200	N	300	N	>2,000	200
0342	N	10	N	700	500	N	500	N	>2,000	N
0343	N	10	N	700	500	N	500	N	>2,000	N
0344	N	10	N	700	500	N	500	N	>2,000	N
0345	N	10	N	500	500	N	500	N	>2,000	N
0346	N	20	N	5,000	500	N	1,000	N	>2,000	700
0347	N	10	N	1,000	300	N	500	N	>2,000	N
0359	N	20	20	1,000	300	N	500	N	>2,000	N
0360	N	20	20	700	300	N	500	N	>2,000	N
0361	N	20	30	10,000	500	N	500	N	1,500	N
0831	N	30	200	200	700	N	2,000	N	>2,000	500
0832	N	20	N	500	1,000	N	500	N	>5,000	N
0833	N	20	N	1,500	500	N	700	N	>5,000	2,000
0834	N	10	700	200	500	N	1,500	N	>2,000	200
0835	N	30	150	700	200	N	300	N	>2,000	N
0836	N	10	N	500	300	N	500	N	>2,000	N
0837	N	10	N	2,000	700	N	1,000	N	>2,000	N
0838	N	10	N	10,000	500	N	500	N	>2,000	N
0839	N	30	N	10,000	700	N	300	N	>2,000	N

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
0840	56 3 48	132 21 10	7.0	7.00	20.0	>2.00	1,500	N	N	N	20	300
					Petersburg A3--continued							
0001	56 14 13	132 51 38	5.0	2.00	1.0	>2.00	2,000	N	N	N	100	1,000
0002	56 14 51	132 48 19	10.0	1.50	7.0	>2.00	1,500	N	N	N	200	1,000
0037	56 14 34	132 52 10	7.0	2.00	10.0	>2.00	2,000	N	N	N	100	1,000
0040	56 12 26	132 57 51	7.0	3.00	20.0	>2.00	2,000	N	N	N	70	700
0056	56 12 37	132 41 30	2.0	1.00	7.0	>2.00	1,000	1.0	N	N	50	200
0057	56 12 12	132 40 41	1.5	.70	5.0	>2.00	300	N	N	N	50	1,000
0058	56 10 1	132 41 10	7.0	.70	5.0	>2.00	500	N	N	N	20	300
0059	56 9 19	132 40 38	2.0	1.50	7.0	>2.00	1,500	N	N	N	50	300
0062	56 9 25	132 42 6	5.0	5.00	20.0	>2.00	1,500	N	N	N	70	500
0063	56 7 48	132 42 24	7.0	5.00	20.0	2.00	1,500	N	N	N	>5,000	500
0064	56 7 4	132 42 0	5.0	5.00	30.0	>2.00	2,000	N	N	N	70	500
0065	56 6 0	132 40 49	5.0	5.00	20.0	>2.00	1,500	N	N	N	100	500
0066	56 4 41	132 40 11	7.0	7.00	15.0	.30	1,500	N	N	N	<20	150
0078	56 8 53	132 40 51	5.0	2.00	10.0	>2.00	1,500	N	N	N	200	2,000
0765	56 13 47	132 59 39	5.0	1.50	5.0	1.50	500	N	N	N	20	300
0766	56 14 26	132 58 53	5.0	3.00	15.0	>2.00	2,000	N	N	N	70	300
0767	56 10 18	132 54 45	5.0	1.50	5.0	>2.00	1,500	N	N	N	50	>10,000
0768	56 10 32	132 59 5	7.0	5.00	5.0	1.00	1,000	N	N	N	20	200
0785	56 8 5	132 54 58	10.0	5.00	7.0	2.00	1,500	N	N	N	70	300
0786	56 7 59	132 55 0	7.0	5.00	10.0	2.00	1,500	N	N	N	150	1,000
0787	56 7 59	132 55 13	7.0	7.00	20.0	2.00	1,500	N	N	N	100	1,000
0788	56 7 7	132 53 9	30.0	2.00	20.0	1.00	1,500	N	N	N	150	1,000
0789	56 7 15	132 54 55	7.0	10.00	50.0	2.00	1,500	N	N	N	150	300
0791	56 3 23	132 56 48	7.0	10.00	50.0	2.00	1,500	N	N	N	150	200
0792	56 3 24	132 57 1	5.0	2.00	5.0	.50	1,000	N	N	N	20	150
0793	56 3 34	132 56 52	7.0	2.00	20.0	1.00	1,500	N	N	N	70	500
0815	56 1 19	132 54 39	20.0	7.00	7.0	.50	1,500	N	N	N	100	700
0816	56 1 20	132 55 43	20.0	10.00	10.0	1.00	1,500	7.0	N	N	70	500
0817	56 1 59	132 55 29	10.0	15.00	10.0	.50	2,000	N	N	N	50	300
0818	56 3 24	132 57 35	2.0	2.00	5.0	1.00	1,000	N	N	N	20	50
0819	56 4 24	132 58 56	7.0	5.00	20.0	1.50	2,000	N	N	N	70	1,000
0820	56 2 28	132 59 30	2.0	5.00	7.0	.50	1,000	N	N	N	<20	150
0821	56 2 44	132 59 47	10.0	1.50	2.0	.30	200	1.0	N	N	20	150
0823	56 0 44	132 55 28	10.0	2.00	5.0	.50	1,000	N	N	N	20	150
0823A	56 0 44	132 55 28	50.0	1.00	5.0	1.50	200	7.0	N	N	N	1,000
0824	56 0 45	132 49 11	2.0	2.00	5.0	.20	500	N	N	N	<20	50
0825	56 0 9	132 49 21	5.0	2.00	50.0	.30	1,500	N	N	N	50	150
0826	56 0 22	132 47 50	5.0	2.00	20.0	2.00	3,000	N	N	N	50	500
0827	56 0 0	132 50 40	20.0	.50	10.0	1.00	1,000	15.0	N	N	150	700
0828	56 0 0	132 50 55	7.0	5.00	30.0	2.00	1,500	N	N	N	100	300

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
0840	N	N	N	30	1,500	15	70	N	100	10	N
					Petersburg A3--continued						
0001	2	N	N	10	500	50	500	N	1,000	10	70
0002	2	N	N	30	200	300	1,000	300	1,500	70	1,000
0037	2	N	N	10	200	30	500	N	1,000	10	30
0040	2	N	N	10	300	70	500	N	1,000	10	50
0056	N	N	N	10	50	15	50	N	300	10	N
0057	N	N	N	10	100	15	50	N	150	10	N
0058	N	N	N	10	100	15	50	N	200	10	<20
0059	N	N	N	10	200	30	50	N	200	10	<20
0062	50	N	N	10	2,000	30	50	N	500	70	20
0063	N	N	N	10	2,000	70	N	N	100	70	20
0064	N	N	N	10	1,000	150	200	N	1,000	10	20
0065	N	N	N	10	1,000	20	100	N	1,000	10	20
0066	N	N	N	30	1,500	10	50	N	N	150	<20
0078	N	N	N	10	500	50	100	N	300	10	50
0765	N	N	N	20	100	15	50	N	200	20	20
0766	2	N	N	10	100	15	500	N	200	10	30
0767	N	N	N	10	150	20	500	N	1,000	10	<20
0768	N	N	N	30	700	30	70	N	100	100	<20
0785	2	N	N	20	1,000	150	70	30	50	70	<20
0786	2	N	N	20	700	50	200	N	150	100	200
0787	2	N	N	20	1,000	70	200	N	150	100	20
0788	2	N	N	70	200	200	100	N	50	100	500
0789	N	N	N	30	1,000	15	200	N	150	100	N
0791	N	N	N	30	1,000	15	50	N	100	100	N
0792	N	N	N	30	500	300	50	N	N	100	200
0793	2	N	150	30	500	150	200	N	50	70	70
0815	2	N	N	50	1,000	300	50	N	N	150	200
0816	N	N	100	50	2,000	500	50	N	150	150	150
0817	N	N	N	50	3,000	30	50	N	N	150	20
0818	N	N	N	20	700	<10	N	N	50	50	N
0819	N	N	N	20	2,000	50	150	N	150	100	20
0820	N	N	N	20	700	10	50	N	50	50	N
0821	N	N	150	50	200	200	N	N	N	100	50
0823	N	N	N	30	700	150	50	10	N	150	20
0823A	N	N	N	100	70	700	50	N	150	1,000	150
0824	N	N	N	20	1,000	10	N	N	N	70	N
0825	2	N	N	30	100	100	1,000	N	50	10	5,000
0826	N	N	N	N	200	<20	1,000	N	150	20	N
0827	N	N	N	150	100	500	N	N	N	500	50
0828	N	N	N	30	700	100	500	N	70	70	200

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
0840	N	70	N	700	1,000	N	500	N	>2,000	N
				Petersburg A3--continued						
0001	N	30	N	5,000	500	N	700	N	>2,000	N
0002	N	30	N	5,000	500	N	1,000	2,000	>2,000	1,000
0037	N	30	N	10,000	500	N	700	N	>2,000	N
0040	N	30	N	10,000	500	N	700	N	>2,000	N
0056	N	10	N	200	300	N	200	N	>2,000	N
0057	N	10	N	200	200	N	200	N	>2,000	N
0058	N	10	N	500	200	N	200	N	1,500	N
0059	N	10	N	2,000	200	N	200	N	>2,000	N
0062	N	70	70	10,000	500	N	300	N	>2,000	N
0063	N	70	N	10,000	500	N	100	500	1,500	N
0064	N	30	20	10,000	500	N	700	N	>2,000	N
0065	N	30	N	10,000	500	N	500	N	>2,000	N
0066	N	100	N	500	300	N	50	N	50	N
0078	N	30	N	5,000	500	N	500	N	>2,000	N
0765	N	10	N	700	200	N	100	700	1,500	N
0766	N	20	N	5,000	300	N	500	N	>2,000	N
0767	N	20	N	2,000	500	N	1,000	N	>2,000	N
0768	N	30	N	500	200	N	100	N	1,000	N
0785	N	30	N	200	700	N	100	N	>2,000	N
0786	N	30	N	1,500	300	N	200	N	>2,000	N
0787	N	30	N	1,500	500	N	200	N	>2,000	N
0788	N	20	N	500	300	N	100	N	1,000	N
0789	N	70	N	700	500	N	200	N	1,000	N
0791	N	70	N	500	700	N	200	N	1,000	N
0792	N	30	N	1,000	200	N	100	3,000	100	N
0793	N	30	N	10,000	500	N	500	10,000	1,500	N
0815	N	50	1,500	1,500	700	N	100	N	>2,000	N
0816	N	100	300	2,000	500	N	500	2,000	2,000	1,500
0817	N	150	N	500	700	N	50	N	1,000	N
0818	N	20	N	200	200	N	70	N	1,500	N
0819	N	70	N	2,000	500	N	300	N	>2,000	N
0820	N	30	N	700	200	N	100	N	1,500	N
0821	N	10	N	200	150	N	20	7,000	200	N
0823	N	30	N	700	300	N	100	2,000	700	N
0823A	N	10	N	N	200	N	300	3,000	>2,000	N
0824	N	20	N	N	100	N	20	N	500	N
0825	N	10	N	2,000	200	N	200	N	2,000	N
0826	N	20	N	3,000	700	N	500	N	>5,000	N
0827	N	20	N	N	300	N	150	N	2,000	N
0828	N	30	N	5,000	500	N	500	N	>2,000	N

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
0829	56 1 18	132 57 30	7.0	1.50	20.0	>2.00	1,500	7.0	N	N	500	500
0830	56 1 58	132 58 1	7.0	5.00	7.0	.50	1,500	N	N	N	20	100
1388	56 3 16	132 56 52	15.0	1.50	20.0	2.00	1,500	N	N	N	70	700
1389	56 3 21	132 56 39	2.0	1.50	20.0	>2.00	1,500	N	N	N	70	700
					Petersburg A4--continued							
0137	56 14 14	133 7 59	7.0	2.00	15.0	>2.00	1,500	N	N	N	20	300
0137A	56 14 14	133 7 59	2.0	1.50	7.0	>2.00	1,500	N	N	N	70	1,000
0138	56 14 13	133 8 15	2.0	2.00	20.0	>2.00	2,000	N	N	N	70	700
0139	56 14 35	133 6 23	5.0	1.50	20.0	>2.00	1,500	N	N	N	70	1,000
0140	56 14 0	133 4 28	2.0	2.00	7.0	>2.00	1,000	N	N	N	20	500
0141	56 11 55	133 4 36	7.0	2.00	7.0	1.50	1,500	N	N	N	20	300
0141A	56 11 55	133 4 36	10.0	1.50	7.0	>2.00	1,500	N	N	N	70	2,000
0142	56 11 13	133 4 55	5.0	1.50	30.0	>2.00	2,000	N	N	N	50	700
0143	56 10 13	133 5 54	3.0	1.50	20.0	2.00	1,500	N	N	N	70	500
0144	56 11 19	133 3 16	7.0	1.50	20.0	>2.00	1,500	30.0	N	N	50	10,000
0145	56 11 4	133 2 48	7.0	1.50	20.0	>2.00	1,500	15.0	N	N	30	10,000
0146	56 9 33	133 3 25	7.0	5.00	20.0	1.50	2,000	10.0	N	N	50	500
0147	56 7 57	133 4 33	2.0	2.00	50.0	>2.00	1,500	15.0	N	N	200	500
0437	56 4 15	133 19 15	2.0	2.00	10.0	>2.00	1,500	N	N	N	20	200
0439	56 6 8	133 19 40	5.0	5.00	10.0	>2.00	1,500	N	N	N	50	200
0440	56 2 45	133 18 13	10.0	1.00	10.0	>2.00	1,500	N	N	N	50	700
0458	56 9 49	133 17 24	5.0	1.50	7.0	>2.00	1,000	N	N	N	50	300
0460	56 9 14	133 16 4	5.0	.70	5.0	>2.00	1,000	N	N	N	50	200
0461	56 7 34	133 17 32	20.0	2.00	15.0	>2.00	1,000	N	N	N	30	700
0462	56 5 50	133 14 0	7.0	5.00	10.0	>2.00	1,500	N	N	N	<20	300
0463	56 6 36	133 16 32	10.0	2.00	10.0	2.00	1,000	N	N	N	20	500
0464	56 5 16	133 8 49	5.0	1.50	7.0	2.00	1,500	N	N	N	70	500
0465	56 5 22	133 11 53	5.0	3.00	10.0	.50	1,500	N	N	N	2,000	500
0466	56 3 5	133 5 56	7.0	2.00	7.0	2.00	1,500	N	N	N	150	1,500
0467	56 4 22	133 6 50	2.0	1.00	5.0	2.00	1,000	N	N	N	70	500
0468	56 1 17	133 15 0	5.0	1.00	10.0	>2.00	1,000	N	N	N	70	300
0469	56 2 3	133 4 16	7.0	2.00	10.0	.50	1,500	1.0	N	N	20	300
0470	56 0 32	133 8 2	15.0	10.00	20.0	1.00	5,000	N	N	N	70	300
0471	56 0 1	133 12 6	2.0	1.00	7.0	>2.00	1,500	N	N	N	50	1,000
0472	56 0 43	133 7 10	7.0	2.00	15.0	2.00	1,500	100.0	N	N	50	500
0473	56 2 11	133 11 20	2.0	1.00	5.0	>2.00	1,000	N	N	N	50	500
0474	56 2 42	133 2 49	2.0	1.50	10.0	>2.00	1,500	N	N	N	200	500
0475	56 4 3	133 2 52	2.0	1.00	7.0	>2.00	1,000	N	N	N	100	300
0476	56 3 53	133 0 43	1.5	1.00	7.0	2.00	1,000	N	N	N	50	300
0477	56 6 23	133 3 9	10.0	2.00	15.0	1.00	1,500	1.0	N	N	3,000	1,000

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
0829	2	N	300	20	150	100	300	N	300	50	50
0830	N	N	150	30	1,000	50	N	N	N	100	20
1388	N	N	500	30	150	300	300	N	70	200	300
1389	N	N	300	10	150	70	300	N	200	N	50
					Petersburg A4--continued						
0137	N	N	N	20	200	10	150	N	50	50	20
0137A	N	N	N	20	150	50	1,000	N	500	N	N
0138	N	N	N	10	150	20	500	N	700	10	150
0139	N	N	N	10	100	50	500	N	500	10	30
0140	N	N	N	10	50	10	150	N	300	10	N
0141	2	N	N	50	200	70	200	10	50	70	30
0141A	N	N	N	70	150	150	1,000	N	700	70	700
0142	N	N	N	10	150	100	500	N	500	10	500
0143	N	N	N	10	150	20	150	N	500	10	70
0144	N	N	N	20	150	100	500	N	700	10	50
0145	N	N	N	20	150	50	300	N	500	10	50
0146	5	N	N	30	500	20	50	N	100	70	<20
0147	N	N	N	10	200	20	300	N	700	10	<20
0437	2	N	N	10	100	50	2,000	N	1,500	10	<20
0439	2	N	N	10	100	150	500	N	200	10	20
0440	<2	N	N	50	200	700	100	N	100	10	200
0458	N	N	N	10	150	100	150	N	300	10	20
0460	N	N	N	10	100	20	100	N	500	10	N
0461	N	N	N	70	500	500	500	30	150	150	700
0462	N	N	N	30	1,500	15	150	N	50	150	20
0463	2	N	N	30	1,000	300	70	70	<50	100	50
0464	7	N	N	10	150	20	150	N	200	10	N
0465	2	N	N	10	700	15	50	N	N	100	N
0466	2	N	100	10	150	30	300	N	500	10	<20
0467	2	N	N	10	70	70	70	N	500	10	20
0468	2	N	N	10	100	20	200	N	300	10	<20
0469	N	N	N	30	500	15	50	N	N	70	20
0470	5	N	N	50	700	50	N	N	N	150	<20
0471	2	N	300	10	100	70	500	N	500	10	<20
0472	N	N	N	20	1,000	150	150	N	70	50	50
0473	2	N	N	10	150	15	200	N	500	10	<20
0474	2	N	150	10	150	50	500	N	500	10	30
0475	2	N	N	10	70	15	200	N	300	10	<20
0476	2	N	100	10	50	15	150	N	100	10	<20
0477	2	N	70	50	500	100	70	N	N	70	30

PETERSBURG STUDY AREA C3 ANALYSES--continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
0829	N	10	N	5,000	700	N	500	20,000	>2,000	N
0830	N	50	N	300	300	N	50	5,000	700	N
1388	N	10	N	2,000	500	N	1,000	10,000	>2,000	N
1389	N	10	N	5,000	500	N	1,000	5,000	>2,000	N
				Petersburg A4--continued						
0137	N	50	N	1,000	500	N	100	N	>2,000	N
0137A	N	10	N	700	1,000	N	1,500	N	>2,000	N
0138	N	20	20	10,000	200	N	500	N	>2,000	N
0139	N	20	20	10,000	200	N	700	N	>2,000	N
0140	N	10	N	500	200	N	200	N	>2,000	N
0141	N	50	N	1,000	300	N	150	500	2,000	N
0141A	N	10	N	700	700	N	700	N	>2,000	N
0142	N	10	30	1,500	700	N	1,500	N	>2,000	N
0143	N	10	N	700	500	N	500	N	>2,000	N
0144	N	10	N	1,000	500	N	1,000	N	>2,000	N
0145	N	10	N	1,000	300	N	500	N	>2,000	N
0146	N	30	N	1,000	500	N	200	700	1,500	N
0147	N	20	20	1,000	500	N	500	N	>2,000	N
0437	N	20	30	N	700	N	1,000	N	>2,000	N
0439	N	20	N	2,000	500	N	500	N	>2,000	N
0440	N	30	N	1,000	500	N	200	N	2,000	N
0458	N	10	N	700	300	N	200	N	>2,000	N
0460	N	10	N	500	500	N	200	N	>2,000	N
0461	N	50	N	1,000	300	N	500	N	>2,000	N
0462	N	50	N	1,000	500	N	200	N	2,000	N
0463	N	50	N	700	500	N	100	N	1,000	N
0464	N	10	N	1,500	300	N	200	N	>2,000	N
0465	N	10	N	500	300	N	50	N	500	N
0466	N	10	70	700	300	N	300	3,000	2,000	N
0467	N	10	N	500	200	N	200	N	>2,000	N
0468	N	10	N	700	700	N	500	N	>2,000	N
0469	N	20	N	500	200	N	50	N	1,000	N
0470	N	70	N	700	1,000	N	70	N	500	N
0471	N	10	N	700	300	N	500	15,000	>2,000	N
0472	N	50	N	1,500	500	N	200	N	2,000	N
0473	N	10	N	700	300	N	500	N	>2,000	N
0474	N	10	N	2,000	500	N	500	7,000	>2,000	N
0475	N	10	N	500	300	N	300	N	>2,000	N
0476	N	10	N	700	300	N	150	3,000	>2,000	N
0477	N	20	N	1,000	200	N	100	15,000	2,000	N

PETERSPURG STUDY AREA C3 ANALYSES--continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
0477A	56 6 23	133 3 9	5.0	1.50	7.0	>2.00	1,500	N	N	N	50	3,000
0478	56 6 37	133 1 52	1.5	.50	7.0	1.00	1,000	N	N	N	100	100
0479	56 6 21	133 3 19	5.0	1.00	7.0	>2.00	1,000	N	N	N	70	300
0480	56 7 53	133 5 12	1.5	1.00	7.0	>2.00	1,000	N	N	N	1,000	300
0481	56 6 3	133 6 8	2.0	1.00	7.0	>2.00	1,000	N	N	N	500	1,500
0749	56 13 57	133 19 26	5.0	3.00	1.5	>2.00	1,500	N	N	N	200	300
0750	56 14 52	133 17 16	2.0	2.00	10.0	>2.00	1,500	N	N	N	70	1,000
0751	56 12 57	133 11 27	2.0	1.50	10.0	>2.00	1,500	N	N	N	70	1,000
0769	56 10 35	133 0 7	5.0	5.00	5.0	.50	700	N	N	N	<20	N
0770	56 12 27	133 3 8	2.0	2.00	10.0	>2.00	1,500	N	N	N	70	300
0780	56 9 18	133 19 39	7.0	5.00	20.0	>2.00	1,500	N	N	N	100	200
0781	56 8 3	133 16 27	7.0	5.00	7.0	>2.00	2,000	N	N	N	50	700
0782	56 9 53	133 13 0	5.0	2.00	10.0	>2.00	1,500	N	N	N	70	300
0783	56 7 47	133 8 37	5.0	2.00	10.0	>2.00	1,500	N	N	N	70	300
0784	56 6 48	133 8 57	5.0	2.00	10.0	>2.00	1,500	N	N	N	1,000	300
0797	56 1 6	133 19 10	7.0	5.00	20.0	1.50	2,000	N	N	N	70	300
0799	56 3 10	133 15 6	7.0	7.00	20.0	2.00	1,500	N	N	N	70	1,500
0800	56 1 48	133 17 39	10.0	2.00	7.0	>2.00	2,000	N	N	N	70	700
0802	56 1 35	133 17 39	7.0	2.00	7.0	>2.00	2,000	N	N	N	50	300
0803	56 9 27	133 9 46	2.0	1.00	7.0	.30	500	N	N	N	<20	70
0803A	56 9 27	133 9 46	7.0	2.00	10.0	>2.00	2,000	N	N	N	50	700
0804	56 3 46	133 16 41	10.0	5.00	7.0	1.50	2,000	N	N	N	70	500
0805	56 9 28	133 9 38	10.0	5.00	10.0	2.00	2,000	N	N	N	200	1,000
0806	56 6 17	133 11 42	7.0	5.00	20.0	>2.00	1,500	N	N	N	70	300
0807	56 11 2	133 16 38	7.0	7.00	20.0	2.00	2,000	N	N	N	50	200
0808	56 5 13	133 4 15	7.0	2.00	5.0	1.00	1,500	N	N	N	20	200
0809	56 10 0	133 8 15	5.0	5.00	20.0	>2.00	2,000	N	N	N	100	300
0810	56 7 12	133 5 9	7.0	10.00	20.0	2.00	1,500	N	N	N	700	150
0811	56 10 41	133 5 29	5.0	2.00	20.0	>2.00	1,500	N	N	N	500	500
0812	56 9 5	133 3 41	15.0	10.00	15.0	2.00	3,000	N	N	N	300	1,000
0813	56 10 45	133 4 42	7.0	5.00	10.0	>2.00	1,500	N	N	N	70	300
0814	56 13 22	133 4 0	5.0	2.00	7.0	>2.00	2,000	N	N	N	20	300
0822	56 3 5	133 1 32	5.0	2.00	5.0	1.00	1,500	N	N	N	20	150
0822A	56 3 5	133 1 32	15.0	1.00	7.0	>2.00	1,000	N	N	<20	70	700
1383	56 13 8	133 13 24	2.0	2.00	10.0	>2.00	1,500	N	N	N	20	300
1384	56 14 7	133 12 46	5.0	2.00	15.0	>5.00	3,000	N	N	N	20	1,000
1385	56 13 58	133 12 55	10.0	1.50	10.0	>2.00	1,500	N	N	N	150	3,000
1386	56 2 59	133 4 24	2.0	1.00	7.0	>2.00	700	N	N	N	70	1,500
1387	56 2 58	133 0 15	7.0	1.50	10.0	>2.00	1,500	N	N	N	70	700

Petersburg A5--continued

0424	56 1 14	133 29 35	2.0	.20	10.0	>2.00	2,000	N	N	N	<20	200
0425	56 1 50	133 29 20	2.0	.15	7.0	>2.00	1,500	N	N	N	50	150
0426	56 2 19	133 29 40	2.0	1.50	20.0	>2.00	2,000	N	N	N	70	500
0427	56 2 42	133 29 30	2.0	.15	10.0	>2.00	2,000	N	N	N	<20	200

PETERSBURG STUDY AREA C3 ANALYSES--continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
0477A	N	N	N	10	200	100	300	N	500	N	100
0478	2	N	N	10	N	<10	N	N	50	10	N
0479	2	N	N	10	100	20	150	N	500	10	<20
0480	2	N	N	10	70	15	150	N	500	10	<20
0481	2	N	N	10	70	30	70	N	300	10	<20
0749	N	N	N	20	100	150	700	N	200	10	N
0750	N	N	N	10	200	100	500	N	500	10	N
0751	N	N	N	10	150	100	700	N	500	10	N
0769	N	N	N	20	1,500	10	50	N	50	70	N
0770	2	N	N	N	50	20	700	N	200	10	N
0780	2	N	N	30	200	100	1,000	N	500	10	20
0781	N	N	N	10	300	50	500	N	700	10	50
0782	2	N	N	10	300	30	500	N	500	10	3,000
0783	2	N	N	10	300	30	500	N	500	10	5,000
0784	2	N	N	10	300	30	200	N	300	10	70
0797	2	N	N	30	700	300	150	N	50	70	50
0799	2	N	N	30	1,500	20	150	N	150	100	30
0800	2	N	N	70	700	700	700	N	500	70	<20
0802	2	N	N	50	700	100	150	N	200	50	20
0803	N	N	N	10	150	15	N	N	50	30	20
0803A	N	N	N	10	300	200	700	N	1,000	10	20
0804	N	N	N	30	1,500	300	70	N	70	70	20
0805	N	N	N	20	2,000	50	100	N	70	100	20
0806	2	N	N	20	500	20	500	N	500	10	<20
0807	2	N	N	50	1,000	100	100	N	200	150	<20
0808	N	N	100	30	700	100	70	N	70	70	20
0809	2	N	N	30	1,000	50	2,000	N	1,000	70	N
0810	2	N	N	50	1,500	20	200	N	300	150	N
0811	2	N	N	30	300	100	500	N	500	50	20
0812	N	N	N	20	2,000	50	150	N	200	100	N
0813	2	N	N	30	1,000	50	200	N	500	150	N
0814	N	N	50	10	500	150	500	N	1,000	10	N
0822	N	N	N	30	700	150	50	N	70	70	N
0822A	N	N	200	50	150	700	300	N	300	100	20
1383	N	N	N	10	500	70	700	N	1,000	N	20
1384	N	N	N	20	200	500	1,500	N	3,000	N	N
1385	N	N	N	100	150	700	700	N	500	50	100
1386	N	N	N	10	70	10	300	N	200	N	<20
1387	N	N	N	10	70	150	500	N	200	N	20

Petersburg A5--continued

0424	2	N	N	10	70	50	2,000	70	1,500	10	20
0425	2	N	N	10	50	50	2,000	50	1,500	10	N
0426	2	N	N	10	70	200	2,000	20	1,000	10	3,000
0427	2	N	N	10	50	100	2,000	50	1,500	10	N

PETERSBURG STUDY AREA C3 ANALYSES--continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
0429	2	N	N	10	20	50	2,000	50	1,500	10	N
0430	2	N	N	10	20	50	2,000	50	2,000	10	N
0431	N	N	N	50	100	1,000	700	N	200	10	<20
0432	2	N	N	10	70	50	50	N	50	10	N
0433	2	N	N	30	200	700	100	N	50	50	<20
0434	N	N	N	70	20	50	1,000	N	500	10	N
0435	2	N	N	10	100	50	50	N	150	10	150
0436	N	N	N	10	20	200	2,000	N	2,000	10	N
0438	N	N	N	10	50	50	2,000	N	2,000	10	<20
0441	2	N	N	10	50	100	2,000	N	200	10	N
0442	N	N	N	10	50	150	2,000	N	1,500	10	N
0443	2	N	N	10	20	50	2,000	N	1,000	10	N
0445	2	N	N	10	20	50	2,000	N	500	10	N
0448	N	N	N	30	2,000	30	500	N	100	70	<20
0450	<2	N	N	30	500	50	500	N	150	10	<20
0452	2	N	N	10	70	100	1,000	N	200	10	<20
0454	N	N	N	20	200	20	500	N	200	10	<20
0455	N	N	N	10	50	100	2,000	70	1,500	10	N
0456	N	N	N	10	N	100	1,000	70	1,500	10	N
0457	N	N	N	30	1,000	100	1,000	N	200	30	70
0459	N	N	N	300	50	70	2,000	20	1,000	10	N
0482	5	N	N	10	200	10	500	N	70	10	N
0483	10	N	N	20	70	50	700	N	70	50	20
0485	2	N	N	10	70	100	500	N	500	10	20
0486	2	N	N	10	20	50	150	N	100	10	N
0487	2	N	N	10	N	50	1,000	N	500	10	N
0488	2	N	N	10	20	50	300	20	200	10	20
0489	2	N	N	10	20	10	150	N	200	10	200
0490	2	N	N	10	30	30	1,000	N	500	10	50
0491	2	N	N	10	50	10	150	N	100	10	N
0492	2	N	N	10	50	50	150	N	70	10	<20
0493	N	N	N	10	150	50	70	N	1,000	10	N
0494	5	N	N	10	N	N	N	N	50	10	N
0495	2	N	N	10	100	10	50	N	200	10	N
0496	2	70	N	10	50	100	300	30	200	10	20
0497	2	N	N	10	50	<10	N	N	50	10	N
0498	2	N	N	10	20	30	500	20	500	10	N
0499	2	N	N	10	70	<10	50	N	N	10	N
0500	2	N	N	10	20	30	700	10	300	10	N
0501	2	N	300	10	20	30	500	20	200	10	200
0502	2	N	N	10	70	15	200	N	150	10	N
0709	2	N	N	10	20	50	2,000	N	200	10	100
0710	N	N	N	N	50	20	700	N	500	20	N
0713	N	N	N	10	200	200	50	N	100	10	50
0714	N	N	N	N	50	20	1,000	N	300	20	N

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
0429	56 2 31	133 29 8	2.0	.10	7.0	>2.00	2,000	N	N	N	<20	100
0430	56 3 13	133 26 40	2.0	.20	7.0	>2.00	1,500	N	N	N	<20	70
0431	56 0 42	133 26 54	7.0	1.50	10.0	>2.00	2,000	N	5,000	N	30	150
0432	56 2 0	133 28 40	5.0	1.50	20.0	2.00	1,500	N	N	N	70	150
0433	56 2 8	133 22 25	7.0	5.00	15.0	>2.00	2,000	N	2,000	N	30	500
0434	56 1 11	133 24 40	5.0	1.00	10.0	>2.00	1,500	N	N	N	20	300
0435	56 1 14	133 21 0	2.0	1.50	10.0	2.00	1,500	N	N	N	70	500
0436	56 2 24	133 23 0	2.0	.20	7.0	>2.00	1,500	N	N	N	20	150
0438	56 2 48	133 24 18	5.0	.50	30.0	>2.00	3,000	N	N	N	<20	150
0441	56 5 10	133 22 52	2.0	2.00	20.0	>2.00	1,500	N	N	N	50	200
0442	56 4 50	133 23 57	2.0	1.00	20.0	>2.00	1,500	N	N	N	20	200
0443	56 5 36	133 26 25	2.0	.70	10.0	>2.00	1,500	N	N	N	<20	100
0445	56 5 30	133 30 20	2.0	1.00	20.0	>2.00	1,500	N	N	N	70	5,000
0448	56 1 40	133 38 22	5.0	5.00	15.0	>2.00	1,500	N	N	N	<20	100
0450	56 1 45	133 38 6	5.0	2.00	15.0	>2.00	1,500	N	N	N	30	300
0452	56 4 31	133 34 56	15.0	1.00	10.0	>2.00	1,500	N	N	N	2,000	5,000
0454	56 4 20	133 33 2	5.0	1.50	15.0	>2.00	1,500	N	N	N	<20	500
0455	56 3 13	133 32 44	5.0	.70	7.0	>2.00	1,500	N	N	N	<20	150
0456	56 4 19	133 32 1	5.0	.70	7.0	>2.00	1,500	N	N	N	<20	500
0457	56 3 15	133 32 53	5.0	5.00	15.0	>2.00	1,500	N	N	N	2,000	150
0459	56 4 56	133 29 58	5.0	1.00	10.0	>2.00	1,500	N	7,000	N	20	500
0482	56 7 58	133 37 17	7.0	3.00	20.0	2.00	2,000	N	N	N	70	>10,000
0483	56 7 56	133 35 36	7.0	5.00	50.0	2.00	2,000	N	N	N	100	>10,000
0485	56 7 5	133 31 18	5.0	2.00	7.0	>2.00	2,000	N	N	N	50	200
0486	56 8 17	133 27 39	2.0	2.00	7.0	2.00	1,500	N	N	N	50	200
0487	56 8 22	133 25 48	2.0	2.00	10.0	>2.00	1,500	N	N	N	<20	200
0488	56 9 36	133 25 0	2.0	2.00	7.0	>2.00	1,500	N	N	N	20	200
0489	56 9 42	133 23 30	2.0	5.00	7.0	>2.00	1,500	N	N	N	20	50
0490	56 9 6	133 21 50	2.0	2.00	10.0	>2.00	1,500	N	N	N	<20	300
0491	56 8 47	133 20 50	2.0	5.00	7.0	>2.00	1,500	15.0	N	N	<20	100
0492	56 10 22	133 20 24	2.0	5.00	10.0	>2.00	1,500	N	N	N	20	200
0493	56 11 8	133 20 58	7.0	1.50	10.0	>2.00	1,000	N	N	N	50	200
0494	56 8 57	133 31 59	1.0	1.00	2.0	.70	200	N	N	N	20	>10,000
0495	56 9 2	133 31 12	2.0	1.50	3.0	2.00	300	N	N	N	50	150
0496	56 10 57	133 21 52	7.0	2.00	10.0	>2.00	1,500	N	N	N	50	200
0497	56 10 25	133 24 14	2.0	5.00	10.0	1.50	700	N	N	N	<20	100
0498	56 11 17	133 26 7	5.0	1.50	7.0	>2.00	1,000	N	N	N	<20	N
0499	56 10 25	133 24 21	2.0	5.00	10.0	1.50	700	N	N	N	50	100
0500	56 10 35	133 27 28	2.0	2.00	7.0	>2.00	1,000	N	N	N	<20	100
0501	56 10 48	133 28 45	5.0	2.00	7.0	>2.00	1,000	N	N	N	100	1,000
0502	56 12 36	133 31 27	2.0	2.00	20.0	>2.00	1,000	N	N	N	20	200
0709	56 5 43	133 30 52	5.0	1.00	20.0	>2.00	2,000	N	N	N	20	2,000
0710	56 5 50	133 31 58	2.0	1.00	15.0	>5.00	3,000	N	N	N	50	1,000
0713	56 7 48	133 37 36	5.0	1.50	7.0	1.00	1,000	N	N	N	20	1,500
0716	56 5 8	133 38 42	2.0	10.00	20.0	5.00	3,000	N	N	N	50	300

PETERSBURG STUDY AREA C3 ANALYSES--continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
0429	2	N	N	10	20	50	2,000	50	1,500	10	N
0430	2	N	N	10	20	50	2,000	50	2,000	10	N
0431	N	N	N	50	100	1,000	700	N	200	10	<20
0432	2	N	N	10	70	50	50	N	50	10	N
0433	2	N	N	30	200	700	100	N	50	50	<20
0434	N	N	N	70	20	50	1,000	N	500	10	N
0435	2	N	N	10	100	50	50	N	150	10	150
0436	N	N	N	10	20	200	2,000	N	2,000	10	N
0438	N	N	N	10	50	50	2,000	N	2,000	10	<20
0441	2	N	N	10	50	100	2,000	N	200	10	N
0442	N	N	N	10	50	150	2,000	N	1,500	10	N
0443	2	N	N	10	20	50	2,000	N	1,000	10	N
0445	2	N	N	10	20	50	2,000	N	500	10	N
0448	N	N	N	30	2,000	30	500	N	100	70	<20
0450	<2	N	N	30	500	50	500	N	150	10	<20
0452	2	N	N	10	70	100	1,000	N	200	10	<20
0454	N	N	N	20	200	20	500	N	200	10	<20
0455	N	N	N	10	50	100	2,000	70	1,500	10	N
0456	N	N	N	10	N	100	1,000	70	1,500	10	N
0457	N	N	N	30	1,000	100	1,000	N	200	30	70
0459	N	N	N	300	50	70	2,000	20	1,000	10	N
0482	5	N	N	10	200	10	500	N	70	10	N
0483	10	N	N	20	70	50	700	N	70	50	20
0485	2	N	N	10	70	100	500	N	500	10	20
0486	2	N	N	10	20	50	150	N	100	10	N
0487	2	N	N	10	N	50	1,000	N	500	10	N
0488	2	N	N	10	20	50	300	20	200	10	20
0489	2	N	N	10	20	10	150	N	200	10	200
0490	2	N	N	10	30	30	1,000	N	500	10	50
0491	2	N	N	10	50	10	150	N	100	10	N
0492	2	N	N	10	50	50	150	N	70	10	<20
0493	N	N	N	10	150	50	70	N	1,000	10	N
0494	5	N	N	10	N	N	N	N	50	10	N
0495	2	N	N	10	100	10	50	N	200	10	N
0496	2	70	N	10	50	100	300	30	200	10	20
0497	2	N	N	10	50	<10	N	N	50	10	N
0498	2	N	N	10	20	30	500	20	500	10	N
0499	2	N	N	10	70	<10	50	N	N	10	N
0500	2	N	N	10	20	30	700	10	300	10	N
0501	2	N	300	10	20	30	500	20	200	10	200
0502	2	N	N	10	70	15	200	N	150	10	N
0709	2	N	N	10	20	50	2,000	N	200	10	100
0710	N	N	N	N	50	20	700	N	500	20	N
0713	N	N	N	10	200	200	50	N	100	10	50
0714	N	N	N	N	50	20	1,000	N	300	20	N

PETERSBURG STUDY AREA C3 ANALYSES--continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
0429	N	20	20	N	500	N	1,500	N	>2,000	N
0430	N	20	20	N	500	N	1,500	N	>2,000	N
0431	N	20	N	1,000	500	N	1,000	N	2,000	N
0432	N	20	N	N	300	150	100	N	1,000	N
0433	N	30	N	1,000	500	N	200	N	2,000	N
0434	N	20	20	200	500	N	1,000	N	>2,000	N
0435	N	10	N	500	500	5,000	200	N	>2,000	N
0436	N	20	20	N	700	N	1,500	N	>2,000	200
0438	N	30	70	N	700	N	1,500	N	>2,000	N
0441	N	20	N	5,000	700	N	1,000	N	>2,000	N
0442	N	20	20	5,000	1,000	N	1,500	N	>2,000	N
0443	N	30	N	N	700	N	1,500	N	>2,000	200
0445	N	10	N	10,000	700	300	1,000	N	>2,000	N
0448	N	100	N	500	500	N	500	N	>2,000	N
0450	N	30	N	1,500	300	N	500	N	2,000	N
0452	N	10	N	500	500	N	1,000	N	>2,000	N
0454	N	30	N	700	200	N	500	N	2,000	N
0455	N	10	20	N	700	N	1,500	N	>2,000	200
0456	N	10	20	N	500	N	1,500	N	>2,000	200
0457	N	70	N	1,000	500	N	1,000	N	>2,000	N
0459	N	10	20	200	500	N	1,000	N	>2,000	200
0482	N	10	N	10,000	700	N	500	N	1,500	N
0483	N	10	N	10,000	200	N	500	N	500	N
0485	N	10	N	500	500	N	500	N	>2,000	N
0486	N	10	50	1,000	300	N	200	N	>2,000	N
0487	N	10	N	500	500	N	700	N	>2,000	N
0488	N	10	N	500	300	150	300	N	>2,000	N
0489	N	10	N	500	200	2,000	200	N	2,000	N
0490	N	10	20	1,000	300	N	700	N	>2,000	N
0491	N	10	N	500	300	N	150	N	1,500	N
0492	N	10	N	1,000	300	N	150	N	1,500	N
0493	N	10	N	1,000	300	2,000	150	N	>2,000	N
0494	N	10	N	2,000	50	N	20	N	1,500	N
0495	N	10	N	N	300	N	100	N	300	N
0496	N	10	N	500	500	100	500	N	>2,000	N
0497	N	10	N	200	300	1,000	50	N	1,000	N
0498	N	10	N	200	300	N	700	N	>2,000	N
0499	N	10	N	500	300	N	70	N	200	N
0500	N	10	N	200	500	N	700	N	>2,000	N
0501	N	10	N	500	300	N	500	7,000	>2,000	N
0502	N	10	N	1,000	200	N	200	N	2,000	N
0709	N	20	30	2,000	700	N	1,000	N	>2,000	N
0710	N	20	N	500	1,000	N	1,000	N	>5,000	N
0713	N	20	N	300	100	N	100	N	2,000	N
0714	N	20	N	500	700	N	1,000	N	>5,000	N

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
0715	56 9 0	133 26 3	2.0	5.00	10.0	>2.00	1,500	N	N	N	100	500
0716	56 12 36	133 31 35	7.0	2.00	20.0	>2.00	2,000	N	N	N	70	1,000
0717	56 10 50	133 32 25	5.0	1.50	7.0	2.00	1,000	N	N	N	<20	300
0718	56 11 18	133 33 58	2.0	1.50	10.0	>2.00	1,500	N	N	N	50	500
0719	56 12 18	133 36 1	5.0	1.50	7.0	2.00	500	N	N	N	<20	300
0745	56 14 23	133 22 56	2.0	.70	3.0	>2.00	1,500	N	N	N	<20	300
0772	56 14 16	133 21 6	5.0	1.50	10.0	>2.00	1,500	N	N	N	100	500
0773	56 13 48	133 37 38	10.0	2.00	10.0	2.00	1,500	N	N	N	100	>10,000
0774	56 14 11	133 32 40	2.0	2.00	10.0	>2.00	1,500	N	N	N	20	1,500
0775	56 13 36	133 30 14	5.0	2.00	20.0	>2.00	2,000	N	N	N	20	300
0776	56 10 50	133 21 53	5.0	5.00	20.0	2.00	1,500	N	N	N	100	200
0777	56 10 18	133 23 59	2.0	10.00	20.0	.50	1,500	N	N	N	20	100
0778	56 10 43	133 22 21	5.0	5.00	50.0	2.00	2,000	N	N	N	70	200
0779	56 10 13	133 23 55	5.0	10.00	50.0	2.00	3,000	N	N	N	100	100
0795	56 3 54	133 29 25	5.0	1.00	50.0	>2.00	3,000	N	N	N	<20	100
0796	56 1 50	133 35 10	10.0	5.00	7.0	>2.00	2,000	15.0	N	N	100	700
0798	56 0 38	133 22 15	7.0	5.00	10.0	2.00	2,000	N	N	N	70	700
0801	56 5 26	133 22 14	7.0	10.00	50.0	>2.00	1,500	N	N	N	50	200
					Petersburg A6--continued							
0446	56 1 41	133 43 29	2.0	1.50	10.0	>2.00	1,500	N	N	N	150	200
0447	56 2 41	133 41 1	2.0	1.50	10.0	2.00	1,500	N	N	N	70	1,000
0449	56 2 36	133 41 4	2.0	1.50	10.0	>2.00	1,500	N	N	N	70	300
0451	56 2 35	133 41 11	2.0	1.50	10.0	>2.00	1,500	N	N	N	100	500
0453	56 4 28	133 40 41	2.0	1.00	20.0	>2.00	1,500	N	N	N	70	300
0547	56 7 44	133 57 56	10.0	1.50	7.0	2.00	1,500	N	N	N	70	5,000
0548	56 7 54	133 57 52	15.0	2.00	7.0	2.00	1,500	7.0	2,000	N	70	700
0549	56 9 28	133 56 39	7.0	2.00	7.0	2.00	1,500	N	N	N	70	150
0550	56 11 40	133 58 20	10.0	2.00	10.0	1.50	1,000	N	N	N	50	5,000
0551	56 12 28	133 57 11	7.0	2.00	7.0	1.50	1,000	N	N	N	50	70
0552	56 11 47	133 58 26	5.0	2.00	20.0	2.00	2,000	N	N	N	150	300
0553	56 12 45	133 54 47	2.0	1.00	20.0	.50	1,500	N	N	N	30	70
0554	56 12 50	133 56 6	7.0	1.50	30.0	.30	2,000	N	N	N	70	>10,000
0556	56 12 50	133 55 22	10.0	2.00	15.0	.50	1,000	N	N	N	50	200
0558	56 13 3	133 53 28	5.0	1.50	20.0	1.50	1,500	N	N	N	70	150
1024	56 5 22	133 58 0	10.0	1.50	5.0	2.00	1,500	7.0	N	N	70	10,000
1026	56 7 53	133 57 35	7.0	1.50	7.0	1.50	1,500	N	N	N	70	1,500
1028	56 14 8	133 55 35	5.0	5.00	7.0	.70	1,500	N	N	N	50	300
1029	56 5 19	133 58 40	3.0	1.00	3.0	.70	700	N	N	N	<20	150
1031	56 6 5	133 57 30	7.0	.50	3.0	.70	700	20.0	1,500	N	<20	200

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
0715	2	N	N	10	70	50	1,500	N	200	10	N
0716	2	N	N	10	70	200	1,500	70	200	10	30
0717	N	N	N	10	150	20	150	N	150	10	<20
0718	2	N	N	10	50	30	1,000	N	500	10	N
0719	N	N	N	10	200	20	100	N	100	10	N
0745	N	N	N	<10	20	50	2,000	200	1,000	10	N
0772	2	N	N	30	30	150	700	N	500	10	N
0773	2	N	N	30	20	70	500	N	100	10	50
0774	2	N	N	20	20	200	1,000	N	300	10	N
0775	2	N	N	30	30	150	1,000	N	500	10	N
0776	2	N	N	30	30	100	500	N	50	10	N
0777	2	N	N	N	20	10	N	N	N	10	N
0778	2	N	N	20	50	50	700	N	150	10	N
0779	10	N	N	50	30	20	200	N	70	50	N
0795	2	N	N	10	50	150	2,000	50	2,000	10	<20
0796	N	N	N	20	1,500	150	1,000	30	700	70	20
0798	N	N	N	20	2,000	70	200	N	100	100	20
0801	2	N	N	20	100	200	500	N	100	10	<20
Petersburg A6--continued											
0446	2	N	N	10	100	50	1,000	N	500	10	N
0447	2	N	N	10	N	10	100	N	200	10	<20
0449	2	N	N	10	20	50	1,000	N	1,000	10	<20
0451	2	N	N	10	100	100	1,000	N	1,000	10	N
0453	2	N	N	10	50	150	2,000	N	500	10	N
0547	2	N	N	30	200	150	50	N	50	50	20
0548	2	N	N	50	500	200	100	N	150	70	100
0549	2	N	N	20	500	30	50	N	100	50	<20
0550	N	N	N	20	500	1,000	50	N	N	30	<20
0551	2	N	N	20	200	20	N	N	N	50	<20
0552	5	N	N	20	300	<20	300	N	N	50	N
0553	N	N	N	10	50	15	N	N	N	10	N
0554	2	N	N	10	N	100	N	N	N	20	N
0556	<2	N	N	50	300	150	50	<10	N	100	<20
0558	5	N	N	10	70	20	N	N	N	10	<20
1024	N	N	N	30	150	150	200	N	150	100	30
1026	N	N	N	30	150	300	50	N	100	50	70
1028	N	N	N	30	700	20	N	N	N	100	N
1029	N	N	N	15	200	20	<50	N	<50	20	<20
1031	N	N	N	30	70	500	<50	N	N	30	300

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
0715	N	20	30	200	700	N	700	N	>2,000	N
0716	N	10	N	5,000	700	N	700	N	>2,000	N
0717	N	15	N	200	100	N	200	N	2,000	N
0718	N	10	N	500	700	N	500	N	>2,000	N
0719	N	15	N	500	100	N	150	N	>2,000	N
0745	N	10	N	200	700	150	1,500	N	>2,000	200
0772	N	10	N	2,000	700	N	1,000	N	>2,000	N
0773	N	10	N	5,000	200	N	200	N	>2,000	N
0774	N	10	N	5,000	300	N	1,000	N	>2,000	N
0775	N	10	N	2,000	500	N	1,500	N	>2,000	N
0776	N	10	N	2,000	300	100	100	N	2,000	N
0777	N	10	N	500	300	N	20	N	500	N
0778	N	10	N	2,000	500	N	500	N	2,000	N
0779	N	10	N	500	200	N	150	N	1,000	N
0795	N	20	70	N	700	N	2,000	N	>2,000	N
0796	N	50	N	700	700	N	1,000	N	2,000	N
0798	N	70	N	2,000	700	N	200	N	2,000	N
0801	N	20	N	10,000	700	N	500	N	2,000	N
Petersburg A6--continued										
0446	N	10	N	10,000	700	N	1,000	N	>2,000	N
0447	N	20	N	10,000	300	N	200	N	1,500	N
0449	N	10	20	1,000	500	N	700	N	>2,000	N
0451	N	20	N	1,000	500	N	1,000	N	>2,000	N
0453	N	20	<20	10,000	500	N	1,000	N	>2,000	N
0547	N	10	N	1,000	300	N	100	N	2,000	N
0548	N	30	N	1,000	300	N	200	N	2,000	N
0549	N	20	N	500	300	N	150	N	1,000	N
0550	N	30	N	700	200	N	100	N	1,500	N
0551	N	20	N	200	300	N	50	N	1,000	N
0552	N	10	N	1,000	300	N	500	N	70	N
0553	N	10	N	200	300	N	20	N	500	N
0554	N	20	N	1,000	500	N	20	N	70	N
0556	N	30	N	500	200	N	50	N	100	N
0558	N	20	N	200	700	N	70	N	1,500	N
1024	N	30	N	1,500	200	N	200	<500	2,000	N
1026	N	20	N	1,000	200	N	100	N	2,000	N
1028	N	30	N	300	300	N	20	N	1,000	N
1029	N	10	N	500	150	N	50	N	700	N
1031	200	<10	N	200	100	N	50	1,500	700	N

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
1033	56 10 32	133 56 28	7.0	2.00	7.0	1.50	1,500	N	N	N	20	200
					Petersburg B1--continued							
0041	56 27 47	132 18 24	2.0	1.00	7.0	>2.00	700	N	N	N	50	500
0042	56 27 40	132 17 17	2.0	.70	7.0	>2.00	1,000	N	N	N	20	200
0043	56 27 9	132 15 39	5.0	1.00	20.0	2.00	1,000	N	N	N	20	200
0044	56 26 39	132 14 48	2.0	1.50	7.0	>2.00	700	N	N	N	70	500
0045	56 24 43	132 14 34	2.0	.70	5.0	>2.00	500	N	N	N	20	300
0046	56 23 46	132 14 10	2.0	2.00	10.0	>2.00	1,000	N	N	N	70	700
0047	56 22 32	132 12 35	2.0	.70	5.0	>2.00	300	N	N	N	<20	200
0048	56 21 20	132 10 40	2.0	.50	3.0	2.00	300	N	N	N	70	200
0049	56 20 24	132 8 0	2.0	.70	5.0	>2.00	500	N	N	N	200	300
0050	56 24 18	132 9 38	2.0	1.50	20.0	>2.00	1,000	N	N	N	20	500
0051	56 25 39	132 11 35	1.0	1.00	5.0	2.00	500	N	N	N	20	500
0052	56 27 29	132 12 12	2.0	1.50	5.0	>2.00	500	N	N	N	70	300
0127	56 15 5	132 15 25	2.0	.70	2.0	1.50	300	N	N	N	100	100
0248	56 29 47	132 15 15	2.0	2.00	5.0	>2.00	700	N	N	N	20	3,000
0254	56 27 46	132 12 41	2.0	2.00	7.0	>2.00	1,500	N	N	N	70	300
0255	56 28 23	132 11 27	2.0	2.00	7.0	>2.00	1,500	N	N	N	70	500
0256	56 29 3	132 9 48	5.0	1.50	7.0	>2.00	1,500	N	N	N	100	700
0257	56 28 27	132 9 22	2.0	5.00	10.0	>2.00	1,500	N	N	N	70	1,000
0258	56 28 35	132 8 35	2.0	5.00	7.0	>2.00	1,000	N	N	N	<20	700
0259	56 28 48	132 6 27	2.0	5.00	7.0	>2.00	1,000	N	N	N	<20	700
0260	56 29 39	132 5 31	2.0	5.00	10.0	>2.00	1,500	N	N	N	<20	1,000
0264	56 27 37	132 4 57	1.5	2.00	7.0	>2.00	1,500	N	N	N	50	1,000
0265	56 28 17	132 2 47	1.5	1.50	10.0	>2.00	1,000	N	N	N	500	200
0267	56 21 9	132 19 40	1.0	.20	5.0	2.00	300	N	N	N	30	150
0268	56 21 42	132 17 0	2.0	.50	5.0	2.00	500	N	N	N	20	300
0269	56 19 24	132 13 14	1.5	.20	5.0	1.00	500	N	N	N	20	150
0270	56 19 20	132 13 5	1.5	.50	5.0	>2.00	500	N	N	N	150	300
0271	56 18 37	132 13 10	1.5	.20	3.0	>2.00	300	N	N	N	150	150
0272	56 17 40	132 12 46	1.5	.50	2.0	1.50	200	N	N	N	100	150
0273	56 19 33	132 7 43	2.0	.70	5.0	2.00	500	N	N	N	200	300
0274	56 19 40	132 7 30	2.0	.20	10.0	>2.00	1,000	N	N	N	100	200
0275	56 18 51	132 8 6	2.0	.70	7.0	>2.00	1,000	N	N	N	200	500
0276	56 17 53	132 8 18	1.5	.20	5.0	>2.00	500	N	N	N	20	200
0277	56 17 40	132 8 26	1.0	.20	3.0	>2.00	200	N	N	N	50	200
0278	56 17 10	132 7 40	1.0	.20	7.0	>2.00	500	N	N	N	20	200
0279	56 17 0	132 5 0	2.0	.20	5.0	>2.00	300	N	N	N	50	200
0280	56 17 0	132 4 50	2.0	.20	7.0	>2.00	700	N	N	N	20	200
0281	56 18 16	132 1 55	2.0	.20	7.0	>2.00	1,000	N	N	N	<20	200
0282	56 18 46	132 0 55	2.0	.20	7.0	>2.00	1,000	N	N	N	<20	300
0283	56 19 0	132 0 44	2.0	1.00	7.0	>2.00	1,000	N	N	N	20	200

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
1033	N	N	N	30	500	50	50	N	70	70	30
					Petersburg B1--continued						
0041	N	N	N	10	100	20	70	N	500	10	N
0042	N	N	N	10	70	20	50	N	500	10	20
0043	N	N	N	10	100	10	100	N	100	10	50
0044	N	N	N	10	150	20	100	N	500	10	<20
0045	N	N	N	10	150	15	50	N	300	10	<20
0046	N	N	N	10	200	20	150	N	200	10	50
0047	N	N	N	10	100	15	50	N	150	10	N
0048	N	N	N	10	150	10	50	N	100	10	N
0049	N	N	N	10	200	15	50	N	500	10	N
0050	N	N	N	10	200	20	50	N	1,000	10	N
0051	N	N	N	10	100	10	50	N	150	10	<20
0052	N	N	N	10	300	30	50	N	1,000	10	N
0127	2	N	N	10	150	10	N	N	200	10	N
0248	2	N	N	10	150	10	200	N	200	10	<20
0254	2	N	N	10	150	30	300	N	1,000	10	<20
0255	2	N	N	10	300	70	200	N	1,500	10	20
0256	5	N	N	10	100	70	150	N	300	10	50
0257	10	N	N	10	150	30	150	N	500	10	30
0258	2	N	N	10	200	30	200	N	500	10	N
0259	2	N	N	10	150	30	100	N	200	10	N
0260	2	N	N	10	200	70	200	N	500	10	<20
0264	2	N	N	10	150	50	150	N	500	10	30
0265	2	N	N	10	150	100	200	N	300	10	<20
0267	2	N	N	10	50	10	N	N	100	10	N
0268	2	N	N	10	100	10	N	N	100	10	N
0269	N	N	N	10	70	10	N	N	50	10	N
0270	2	N	N	10	200	20	N	N	500	10	N
0271	2	N	N	10	100	15	N	N	500	10	N
0272	N	N	N	10	150	100	N	N	150	15	N
0273	2	N	N	10	150	10	100	N	200	10	N
0274	2	N	N	10	200	30	50	N	1,000	10	N
0275	2	N	N	10	200	20	200	N	1,000	10	<20
0276	2	N	N	10	200	30	50	N	1,500	10	N
0277	2	N	N	10	150	15	N	N	500	10	N
0278	2	N	N	10	100	20	70	N	500	10	N
0279	2	N	N	10	500	50	70	N	2,000	10	N
0280	2	N	N	10	200	50	70	N	2,000	10	N
0281	2	N	N	10	100	50	70	N	2,000	10	N
0282	2	N	N	10	150	30	150	N	2,000	10	N
0283	2	N	N	10	150	30	500	N	1,500	10	N

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
1033	N	30	N	200	300	N	200	N	2,000	N
				Petersburg B1--continued						
0041	N	10	N	1,500	300	N	300	N	>2,000	N
0042	N	10	N	1,500	300	N	500	N	2,000	N
0043	N	10	N	2,000	500	N	200	N	2,000	N
0044	N	10	N	1,000	500	N	200	N	2,000	N
0045	N	10	N	700	300	N	100	N	>2,000	N
0046	N	10	N	2,000	300	N	200	N	>2,000	N
0047	N	10	N	700	200	N	100	N	>2,000	N
0048	N	10	N	500	200	150	70	N	1,000	N
0049	N	10	N	500	300	N	500	N	1,500	N
0050	N	10	N	1,000	500	100	500	N	>2,000	N
0051	N	10	N	500	300	N	100	N	700	N
0052	N	10	N	500	500	N	100	N	2,000	N
0127	N	10	N	N	300	N	70	N	1,500	N
0248	N	10	N	500	500	N	200	N	500	N
0254	N	10	300	700	500	100	500	N	2,000	N
0255	N	20	50	700	500	200	200	N	1,000	N
0256	N	20	20	1,000	300	N	200	N	700	N
0257	N	20	N	500	700	N	500	N	700	N
0258	N	10	1,500	200	1,000	500	500	N	2,000	N
0259	N	10	150	200	500	N	200	N	500	N
0260	N	10	70	200	700	N	500	N	1,000	N
0264	N	20	N	500	1,000	N	500	N	1,000	N
0265	N	20	500	500	1,000	N	700	N	>2,000	N
0267	N	10	N	500	200	N	100	N	1,500	N
0268	N	10	N	500	200	N	100	N	>2,000	N
0269	N	10	N	500	200	N	20	N	1,000	N
0270	N	10	N	500	300	N	200	N	>2,000	N
0271	N	10	N	700	300	N	200	N	>2,000	N
0272	N	10	N	200	300	N	20	N	500	N
0273	N	10	N	500	300	N	150	N	1,500	N
0274	N	10	N	500	300	N	700	N	>2,000	N
0275	N	10	N	700	300	N	300	N	>2,000	N
0276	N	10	N	500	500	N	300	N	>2,000	N
0277	N	10	N	300	300	N	200	N	2,000	N
0278	N	10	N	700	200	150	500	N	>2,000	N
0279	N	10	N	N	700	200	300	N	2,000	N
0280	N	10	N	N	500	150	700	N	>2,000	N
0281	N	10	N	N	300	100	1,000	N	>2,000	N
0282	N	10	N	500	200	N	1,000	N	>2,000	N
0283	N	10	N	N	500	N	1,000	N	>2,000	N

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
0284	56 18 41	132 0 56	2.0	.20	7.0	>2.00	1,000	N	N	N	<20	150
0285	56 23 42	132 5 30	2.0	1.50	7.0	>2.00	1,500	N	N	N	20	300
0286	56 24 18	132 4 40	2.0	1.50	5.0	1.50	500	N	3,000	N	20	700
0287	56 24 18	132 4 30	2.0	2.00	7.0	2.00	700	N	2,000	N	100	1,000
0288	56 28 0	132 8 30	2.0	2.00	7.0	>2.00	1,000	N	N	N	<20	300
0289	56 27 53	132 8 32	1.0	2.00	5.0	2.00	300	N	N	N	70	300
0290	56 27 0	132 5 25	1.0	2.00	2.0	.70	100	N	N	N	<20	150
0867	56 16 1	132 0 0	2.0	.50	10.0	>2.00	1,500	N	N	N	50	300
0869	56 19 53	132 0 22	2.0	.50	10.0	>2.00	1,500	N	N	N	<20	50
0870	56 18 8	132 0 0	2.0	.70	10.0	>2.00	1,500	N	N	N	50	200
0871	56 22 8	132 2 32	5.0	1.00	2.0	.50	300	N	N	N	70	300
0872	56 21 28	132 0 47	2.0	2.00	10.0	>2.00	1,000	N	N	N	100	500
0873	56 22 8	132 0 22	5.0	2.00	5.0	.50	500	N	2,000	N	20	1,000
0874	56 21 16	132 2 38	2.0	.50	7.0	>2.00	1,000	N	N	N	200	200
0875	56 22 36	132 4 5	2.0	1.00	2.0	.50	300	N	N	N	<20	300
0876	56 22 38	132 5 2	1.5	1.50	10.0	>2.00	1,500	N	N	N	1,000	1,000
0878	56 22 43	132 0 14	1.0	2.00	5.0	.70	300	N	N	N	20	500
0880	56 25 1	132 0 41	5.0	2.00	10.0	2.00	1,500	N	N	N	150	1,500
0881	56 22 30	132 5 50	2.0	1.00	5.0	>2.00	1,000	N	N	N	100	700
0882	56 22 11	132 5 0	2.0	.70	15.0	5.00	5,000	N	N	N	2,000	2,000
0883	56 26 15	132 0 6	2.0	2.00	5.0	2.00	1,500	N	N	N	100	1,500
0885	56 26 16	132 0 21	2.0	1.50	7.0	>2.00	1,500	N	N	N	50	500
0887	56 26 20	132 0 14	2.0	1.50	7.0	2.00	1,500	N	N	N	200	1,500
0892	56 21 40	132 6 23	1.0	.70	5.0	>2.00	1,000	N	N	N	100	500
0894	56 22 42	132 7 41	1.0	.50	7.0	>2.00	1,500	N	N	N	50	500
0895	56 21 12	132 6 52	2.0	.70	7.0	>2.00	1,500	N	N	N	1,000	500
0896	56 23 21	132 15 22	5.0	2.00	7.0	2.00	2,000	N	N	N	500	500
0897	56 23 26	132 8 49	1.5	1.50	10.0	>2.00	1,500	1.0	N	500	100	500
0899	56 24 7	132 14 11	7.0	1.50	10.0	>2.00	1,500	N	N	N	200	500
0901	56 21 13	132 19 48	2.0	1.50	7.0	>2.00	1,500	N	N	N	20	300
0909	56 15 50	132 14 35	5.0	1.00	7.0	>2.00	1,500	N	N	N	100	300

Petersburg B2--continued

0009	56 18 53	132 39 26	5.0	1.50	7.0	>2.00	1,500	7.0	N	50	100	700
0013	56 22 3	132 39 56	10.0	2.00	10.0	>2.00	2,000	N	N	N	150	1,000
0014	56 23 35	132 38 22	2.0	1.50	10.0	>2.00	1,500	N	N	N	150	700
0015	56 23 42	132 38 37	5.0	2.00	20.0	>2.00	2,000	N	N	N	200	1,000
0016	56 25 6	132 38 1	2.0	2.00	20.0	>2.00	2,000	N	N	N	100	1,500
0017	56 26 13	132 39 45	2.0	5.00	20.0	>2.00	1,500	N	N	N	200	1,500
0090	56 18 30	132 32 38	2.0	2.00	20.0	>2.00	1,500	N	N	N	70	1,000
0091	56 18 16	132 28 38	5.0	1.50	7.0	2.00	1,500	N	N	N	70	70
0092	56 18 26	132 31 29	5.0	1.50	7.0	1.50	1,500	N	N	N	50	50
0093	56 19 25	132 23 50	2.0	1.50	5.0	1.50	1,500	N	N	N	70	30

PETERSBURG STUDY AREA C3 ANALYSES--continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
0284	2	N	N	10	70	30	100	N	1,500	10	N
0285	2	N	N	10	100	20	50	N	1,000	10	N
0286	2	N	N	10	70	10	50	N	150	10	N
0287	2	N	N	10	150	15	100	N	150	20	N
0288	2	N	N	10	150	30	150	N	500	10	N
0289	2	N	N	10	70	10	50	N	150	10	N
0290	N	N	N	10	50	<10	N	N	50	10	N
0867	N	N	N	10	N	200	200	N	200	10	N
0869	2	N	N	10	200	70	50	N	700	10	N
0870	2	N	N	10	70	50	200	N	500	10	N
0871	N	N	N	10	100	10	70	N	N	10	N
0872	2	N	N	10	150	20	700	N	1,000	10	N
0873	N	N	N	10	150	15	70	N	50	20	N
0874	N	N	N	10	150	15	200	N	300	10	N
0875	N	N	N	N	70	100	N	N	50	<10	20
0876	2	N	N	30	150	200	200	N	500	10	50
0878	N	N	N	N	150	<10	150	N	50	<10	N
0880	N	N	N	10	500	15	200	N	200	10	<20
0881	2	N	N	10	150	15	100	N	500	10	<20
0882	5	N	N	20	300	30	200	N	500	20	<20
0883	N	N	N	10	200	100	70	N	150	10	50
0885	N	N	N	10	200	150	200	N	2,000	10	20
0887	N	N	N	10	150	100	100	N	200	10	70
0892	N	N	N	30	700	150	70	N	3,000	10	<20
0894	N	N	N	10	150	50	100	N	2,000	10	<20
0895	2	N	N	20	700	100	1,000	N	1,000	50	70
0896	2	N	N	50	700	100	100	N	150	70	50
0897	2	N	N	10	200	100	150	N	2,000	N	150
0899	2	N	N	20	200	30	100	N	150	70	20
0901	2	N	N	N	100	20	200	N	700	10	20
0909	2	N	N	10	200	10	70	N	200	10	20
Petersburg B2--continued											
0009	N	N	N	30	100	100	1,000	N	300	N	N
0013	2	N	N	10	200	150	500	N	700	10	150
0014	N	N	N	10	100	150	1,000	N	700	N	N
0015	2	N	N	10	300	100	700	N	1,500	10	50
0016	2	N	N	10	300	70	500	N	1,500	10	50
0017	2	N	N	10	500	150	700	N	1,500	10	20
0090	N	N	N	10	200	100	200	N	500	10	70
0091	2	N	N	10	150	50	200	N	100	10	<20
0092	2	N	N	10	150	10	N	N	50	10	<20
0093	2	N	N	10	100	10	N	N	150	10	<20

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
0284	N	10	N	500	300	N	1,000	N	2,000	N
0285	N	10	20	500	300	N	500	500	1,000	N
0286	N	10	N	N	300	N	100	N	1,000	N
0287	N	10	N	200	300	N	200	N	500	N
0288	N	10	200	200	500	N	500	N	1,500	N
0289	N	10	N	200	700	N	150	N	500	N
0290	N	10	N	N	200	N	20	N	150	N
0867	N	30	N	700	500	N	1,500	N	>2,000	N
0869	N	10	N	N	500	N	1,500	N	>2,000	N
0870	N	10	N	500	500	N	1,000	N	>2,000	N
0871	N	10	N	N	200	N	50	500	200	N
0872	N	10	N	500	700	500	700	N	>2,000	N
0873	N	15	N	200	500	2,000	70	N	200	N
0874	N	30	N	500	150	N	300	N	>2,000	N
0875	N	10	N	N	150	N.	50	N	150	N
0876	N	15	N	2,000	700	N	300	N	>2,000	N
0878	N	15	N	200	300	150	70	N	150	N
0880	N	10	N	500	1,000	5,000	200	N	2,000	N
0881	N	10	N	200	500	1,000	300	N	>2,000	N
0882	N	20	N	2,000	1,000	N	300	2,000	2,000	N
0883	N	10	N	500	700	2,000	200	N	1,000	N
0885	N	10	30	200	700	500	1,000	N	>2,000	N
0887	N	10	N	500	700	N	300	N	1,500	N
0892	N	30	30	200	1,000	500	200	N	>2,000	500
0894	N	10	N	500	700	N	1,000	N	>2,000	500
0895	N	30	N	2,000	700	N	500	N	1,500	N
0896	N	50	N	1,000	700	N	150	N	>2,000	N
0897	N	10	N	700	1,000	N	1,500	N	2,000	N
0899	N	20	N	1,500	500	N	200	N	>2,000	N
0901	N	10	300	1,500	500	N	300	N	>2,000	N
0909	N	10	N	1,000	300	N	200	N	>2,000	N
				Petersburg B2--continued						
0009	N	20	50	2,000	500	150	1,500	N	>2,000	500
0013	N	30	N	10,000	500	N	700	N	>2,000	N
0014	N	20	N	1,500	700	N	1,000	N	>2,000	N
0015	N	30	N	10,000	500	N	700	N	>2,000	N
0016	N	30	N	10,000	500	N	700	N	>2,000	N
0017	N	30	N	10,000	500	N	700	N	>2,000	N
0090	N	30	N	10,000	500	N	500	N	>2,000	N
0091	N	30	N	2,000	500	N	150	<500	1,500	N
0092	N	10	N	1,000	500	N	70	N	2,000	N
0093	N	20	N	1,000	300	N	100	N	500	N

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
0094	56 16 43	132 26 11	5.0	5.00	7.0	1.50	1,500	N	N	N	<20	50
0095	56 17 3	132 23 39	5.0	1.50	5.0	1.00	1,500	N	N	N	<20	50
0096	56 15 37	132 24 46	5.0	2.00	5.0	1.50	1,500	N	N	N	70	30
0097	56 15 29	132 24 40	5.0	2.00	5.0	1.00	1,000	N	N	N	<20	100
0125	56 15 22	132 20 20	5.0	1.00	7.0	2.00	1,500	7.0	N	N	100	500
0226	56 25 14	132 26 4	2.0	.50	7.0	>2.00	1,500	7.0	N	N	20	200
0227	56 25 7	132 31 47	2.0	.50	7.0	>2.00	1,500	N	N	N	<20	200
0228	56 24 52	132 31 48	2.0	.70	7.0	>2.00	1,500	N	N	N	<20	300
0229	56 23 8	132 33 35	2.0	1.00	7.0	>2.00	1,500	N	N	N	50	500
0230	56 22 21	132 33 35	2.0	.70	5.0	>2.00	1,500	N	N	N	20	300
0231	56 21 26	132 32 22	2.0	.50	5.0	>2.00	1,500	N	N	N	70	300
0232	56 22 10	132 29 5	2.0	.50	7.0	>2.00	1,500	N	N	N	70	300
0233	56 20 23	132 28 45	2.0	.70	5.0	>2.00	500	N	N	N	20	200
0234	56 23 17	132 26 43	2.0	.50	7.0	>2.00	1,500	N	N	N	20	500
0235	56 27 21	132 34 45	7.0	.70	5.0	>2.00	1,000	5.0	N	N	<20	300
0236	56 27 14	132 36 0	7.0	1.00	7.0	>2.00	1,000	N	N	N	100	300
0237	56 29 4	132 38 3	7.0	1.00	7.0	>2.00	1,000	N	N	N	<20	300
0238	56 29 10	132 37 50	5.0	2.00	5.0	>2.00	1,000	N	N	N	<20	500
0239	56 28 50	132 36 20	7.0	1.00	7.0	>2.00	1,000	2.0	N	N	20	300
0240	56 29 19	132 35 1	2.0	1.00	7.0	>2.00	1,500	N	N	N	20	300
0241	56 29 55	132 36 7	2.0	1.50	7.0	>2.00	1,500	N	N	N	20	300
0266	56 18 42	132 20 38	2.0	.20	5.0	2.00	500	N	N	N	200	150
0291	56 17 53	132 34 4	1.0	.50	3.0	2.00	500	N	N	N	50	300
0292	56 17 23	132 34 25	1.0	.50	5.0	>2.00	500	N	N	N	20	300
0293	56 20 9	132 30 57	2.0	.50	7.0	>2.00	700	N	N	N	<20	300
0293A	56 20 9	132 30 57	1.0	.50	7.0	>2.00	700	N	N	N	<20	200
0294	56 20 13	132 29 35	5.0	.70	5.0	2.00	700	N	N	N	20	500
0295	56 20 22	132 24 49	2.0	.50	5.0	>2.00	700	N	N	N	20	300
0296	56 19 4	132 23 25	2.0	.70	7.0	>2.00	1,000	N	N	N	50	300
0898	56 23 38	132 20 14	.7	1.50	10.0	>2.00	1,500	N	N	200	70	500
0902	56 18 3	132 39 14	5.0	2.00	7.0	>2.00	1,500	N	N	N	70	300
0904	56 23 27	132 38 26	2.0	1.50	7.0	>2.00	1,500	N	N	N	50	300
0905	56 18 42	132 39 32	5.0	1.50	7.0	2.00	2,000	N	N	N	100	300
0906	56 18 4	132 20 56	10.0	1.50	10.0	>2.00	2,000	N	N	N	20	150
0907	56 17 27	132 28 57	7.0	2.00	7.0	2.00	1,500	N	N	N	70	500
0908	56 25 9	132 20 8	7.0	1.50	7.0	>2.00	1,500	N	N	N	500	500
0910	56 28 13	132 20 15	10.0	2.00	10.0	>2.00	2,000	N	N	N	100	300
0911	56 24 17	132 20 6	7.0	1.50	7.0	>2.00	1,500	N	N	N	100	500
0912	56 27 47	132 21 25	7.0	2.00	10.0	>2.00	2,000	N	N	N	500	500
0913	56 25 15	132 20 16	10.0	1.00	5.0	>2.00	1,500	N	N	N	200	700

PETERSBURG STUDY AREA C3 ANALYSES--continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
0094	2	N	N	20	700	10	50	N	50	50	<20
0095	2	N	N	10	100	15	200	N	100	10	<20
0096	2	N	N	20	500	15	50	N	70	50	N
0097	N	N	N	20	700	<10	50	N	50	50	N
0125	2	N	N	10	150	15	N	N	500	10	<20
0226	2	N	N	10	50	700	150	N	1,500	10	<20
0227	2	N	N	10	70	200	200	N	1,500	10	<20
0228	2	N	N	10	70	50	200	N	1,000	10	<20
0229	N	N	N	10	150	50	200	N	1,500	N	<20
0230	2	N	N	10	70	20	100	N	1,000	10	N
0231	2	N	N	10	50	50	50	N	500	10	<20
0232	2	N	N	10	50	20	50	N	1,000	10	<20
0233	2	N	N	10	70	15	100	N	300	10	N
0234	2	N	N	10	70	50	100	N	700	10	<20
0235	2	N	N	70	20	150	200	N	200	10	20
0236	N	N	N	50	20	500	300	N	300	10	<20
0237	2	N	N	30	50	100	200	N	200	10	20
0238	2	N	N	20	50	10	700	N	150	15	N
0239	2	N	N	100	50	500	300	N	100	10	<20
0240	2	N	N	10	100	200	700	30	700	10	<20
0241	2	N	N	10	70	20	700	N	700	10	<20
0266	2	N	N	10	150	10	N	N	200	10	N
0291	2	N	N	10	50	15	N	N	200	10	N
0292	2	N	N	10	70	20	N	N	500	10	N
0293	2	N	N	10	50	20	50	N	700	10	<20
0293A	2	N	N	10	70	20	50	N	500	10	<20
0294	2	N	N	10	50	20	100	N	300	10	20
0295	2	N	N	10	50	20	50	N	300	10	<20
0296	2	N	N	10	70	50	1,000	N	1,500	10	<20
0898	2	N	N	20	150	100	70	N	1,000	70	20
0902	N	N	N	10	150	10	50	N	300	10	50
0904	2	N	N	10	100	50	300	N	500	10	<20
0905	N	N	N	10	150	10	50	N	50	10	30
0906	N	N	N	10	150	15	50	N	300	10	50
0907	2	N	N	10	200	15	100	N	200	10	30
0908	2	N	N	10	150	100	100	N	300	10	50
0910	2	N	N	20	200	50	200	N	500	10	50
0911	2	N	N	20	150	50	200	N	200	70	20
0912	2	N	N	10	150	50	700	N	200	10	70
0913	2	N	N	50	150	200	50	N	500	300	50

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
0094	N	30	N	700	500	N	100	N	2,000	N
0095	N	30	N	1,000	300	N	100	N	200	N
0096	N	30	N	500	300	N	70	N	2,000	N
0097	N	30	N	200	300	N	150	N	>2,000	N
0125	N	20	N	700	300	N	500	N	2,000	N
0226	N	10	150	1,500	700	N	1,000	N	2,000	N
0227	N	10	20	700	700	N	1,000	N	2,000	N
0228	N	10	20	700	500	N	1,000	N	>2,000	N
0229	N	20	50	500	700	N	1,500	N	>2,000	N
0230	N	10	N	500	300	N	500	N	1,500	N
0231	N	10	N	700	300	N	300	N	1,500	N
0232	N	10	N	700	500	N	500	N	1,000	N
0233	N	10	N	500	300	N	200	N	>2,000	N
0234	N	10	N	1,000	500	N	500	N	1,000	N
0235	N	10	N	500	200	N	200	N	2,000	N
0236	N	10	N	1,000	700	N	500	N	>2,000	N
0237	N	20	N	1,500	500	N	300	N	>2,000	N
0238	N	20	N	1,500	500	N	300	N	500	N
0239	N	20	N	2,000	500	N	300	N	2,000	N
0240	N	10	30	700	300	N	500	N	>2,000	N
0241	N	10	30	700	300	N	700	N	>2,000	N
0266	N	10	N	500	200	N	150	N	200	N
0291	N	10	N	700	300	N	150	500	2,000	N
0292	N	10	N	700	300	N	200	N	>2,000	N
0293	N	10	20	1,500	300	N	300	N	>2,000	N
0293A	N	10	N	1,500	200	N	300	N	>2,000	N
0294	N	10	N	1,500	200	N	200	N	2,000	N
0295	N	10	N	1,000	200	N	200	N	>2,000	N
0296	N	10	N	700	500	N	500	N	>2,000	200
0898	N	20	N	1,500	300	N	700	N	>2,000	N
0902	N	10	N	2,000	500	N	300	N	>2,000	700
0904	N	10	30	500	500	N	500	N	>2,000	N
0905	N	10	N	1,500	300	N	100	N	1,500	N
0906	N	50	N	2,000	1,000	N	500	N	>2,000	N
0907	N	20	N	1,500	500	N	150	N	>2,000	N
0908	N	30	700	1,500	500	N	200	N	>2,000	N
0910	N	30	N	1,500	500	N	300	N	>2,000	N
0911	N	10	N	1,500	500	N	200	N	>2,000	N
0912	N	50	N	5,000	700	N	500	N	>2,000	N
0913	N	30	N	700	500	N	200	N	>2,000	N

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
					Petersburg B3--continued							
0003	56 15 8	132 47 39	15.0	1.50	10.0	>2.00	1,500	N	N	N	200	1,000
0005	56 15 25	132 44 58	7.0	2.00	10.0	>2.00	2,000	N	N	N	100	1,000
0006	56 15 41	132 42 35	2.0	.50	7.0	1.50	1,000	N	N	N	20	300
0006A	56 15 41	132 42 35	5.0	1.50	7.0	>2.00	1,500	200.0	20,000	1,000	20	700
0007	56 16 17	132 40 47	5.0	10.00	20.0	1.00	5,000	N	N	N	100	1,500
0008	56 16 26	132 40 27	7.0	5.00	20.0	>2.00	2,000	N	N	N	200	1,500
0010	56 20 0	132 40 42	10.0	1.50	10.0	2.00	1,500	N	N	N	500	1,000
0011	56 20 18	132 40 51	5.0	1.50	20.0	>2.00	1,500	N	N	N	70	1,000
0012	56 20 38	132 41 7	5.0	1.50	10.0	>2.00	1,500	N	N	N	70	1,000
0018	56 26 53	132 41 41	5.0	2.00	10.0	>2.00	1,500	N	N	N	200	700
0019	56 27 27	132 43 50	2.0	1.00	7.0	>2.00	1,000	N	N	N	30	300
0019A	56 27 27	132 43 50	2.0	2.00	10.0	>2.00	1,500	N	N	N	20	1,000
0020	56 27 5	132 46 1	5.0	2.00	20.0	>2.00	2,000	N	N	N	70	1,000
0021	56 26 28	132 48 22	5.0	1.50	10.0	>2.00	1,500	N	N	N	200	1,000
0022	56 27 9	132 52 55	7.0	5.00	50.0	>2.00	2,000	N	N	N	500	1,500
0023	56 27 21	132 54 32	5.0	2.00	10.0	>2.00	2,000	N	N	N	100	1,000
0024	56 25 26	132 57 59	5.0	5.00	20.0	>2.00	2,000	N	N	N	150	>10,000
0024A	56 25 26	132 57 59	5.0	1.50	7.0	>2.00	1,500	N	N	N	70	5,000
0029A	56 24 38	132 54 25	30.0	1.00	5.0	>2.00	1,000	N	N	N	70	1,500
0034	56 17 58	132 57 51	2.0	1.50	10.0	>2.00	1,500	N	N	N	70	1,000
0035	56 16 4	132 55 35	5.0	2.00	10.0	>2.00	2,000	N	N	N	70	1,000
0036	56 15 37	132 54 9	7.0	.50	5.0	1.50	1,000	1.0	N	N	20	300
0036A	56 15 37	132 54 9	7.0	1.50	7.0	>2.00	1,500	N	N	N	20	700
0038	56 16 3	132 58 54	5.0	2.00	30.0	>2.00	1,500	N	N	N	100	5,000
0148	56 16 38	132 53 53	7.0	1.00	20.0	>2.00	1,500	15.0	N	N	70	500
0149	56 16 30	132 53 22	7.0	1.00	5.0	>2.00	1,500	10.0	N	N	50	300
0150	56 17 32	132 51 30	10.0	1.00	5.0	>2.00	1,500	15.0	N	N	70	500
0151	56 18 57	132 50 23	2.0	1.00	7.0	>2.00	1,500	7.0	N	N	20	200
0151A	56 18 57	132 50 23	2.0	1.00	7.0	>2.00	1,500	7.0	N	N	50	300
0152	56 19 7	132 50 38	7.0	3.00	7.0	>2.00	2,000	7.0	N	N	20	500
0153	56 20 28	132 47 56	7.0	1.50	5.0	2.00	1,500	5.0	N	N	70	300
0154	56 21 53	132 46 40	5.0	1.50	5.0	2.00	2,000	7.0	N	N	70	200
0155	56 21 35	132 47 5	5.0	1.00	5.0	>2.00	1,500	5.0	N	N	70	200
0156	56 20 41	132 43 10	1.0	5.00	10.0	2.00	5,000	N	N	N	70	1,000
0157	56 20 37	132 43 5	2.0	1.00	7.0	>2.00	1,500	7.0	N	N	70	500
0158	56 23 57	132 46 48	7.0	1.50	3.0	1.50	3,000	5.0	N	N	70	300
0159	56 24 26	132 48 35	2.0	1.00	5.0	1.50	1,500	N	N	N	20	300
0160	56 22 30	132 50 10	7.0	2.00	7.0	2.00	1,500	N	N	N	<20	100
0161	56 22 16	132 50 20	5.0	1.00	5.0	>2.00	1,500	3.0	N	N	20	200
0162	56 21 57	132 51 15	2.0	.70	5.0	>2.00	1,000	3.0	N	N	50	200

PETERSBURG STUDY AREA C3 ANALYSES--continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
					Petersburg B3--continued						
0003	2	N	N	70	150	700	300	300	1,000	10	1,000
0005	2	N	N	10	500	150	200	N	1,000	10	70
0006	2	30	N	10	70	10	100	N	100	20	150
0006A	N	300	N	10	70	100	700	10	200	N	<20
0007	7	N	N	10	150	30	N	N	100	10	70
0008	2	N	N	10	500	100	500	N	1,000	10	20
0010	2	N	N	10	150	150	1,000	N	500	10	150
0011	2	N	N	10	200	100	700	N	1,000	10	150
0012	2	N	N	10	300	150	500	N	1,000	10	20
0018	2	N	N	10	150	150	700	N	1,500	10	N
0019	N	N	N	10	200	15	150	N	150	20	20
0019A	N	N	N	10	150	70	700	N	1,500	N	N
0020	2	N	N	10	150	100	700	N	2,000	10	20
0021	2	N	N	10	150	100	700	N	2,000	10	20
0022	2	N	N	10	700	500	700	N	1,000	10	20
0023	2	N	N	10	200	200	1,000	N	1,500	10	300
0024	2	N	N	10	500	100	500	N	1,500	10	300
0024A	2	N	N	10	70	200	500	10	700	N	20
0029A	N	N	N	300	20	1,500	300	N	200	150	100
0034	2	N	N	10	100	100	500	N	1,500	10	20
0035	2	N	N	10	150	100	500	N	2,000	10	30
0036	2	N	N	30	70	70	150	N	70	30	70
0036A	N	N	N	30	150	150	500	N	1,000	N	100
0038	2	N	N	10	150	100	1,000	N	1,500	10	30
0148	7	N	N	50	100	70	70	N	300	30	50
0149	N	N	N	30	70	100	70	N	300	10	50
0150	N	N	N	30	70	150	500	500	700	10	1,000
0151	N	N	N	10	50	150	300	N	700	10	20
0151A	N	N	N	10	50	30	300	150	700	10	150
0152	5	N	N	30	150	15	200	20	300	10	30
0153	5	N	N	30	150	10	150	N	150	30	<20
0154	5	N	N	20	100	10	100	N	150	10	<20
0155	2	N	N	20	70	10	150	N	200	10	<20
0156	2	N	N	30	200	50	300	N	100	50	50
0157	5	N	N	10	70	30	500	N	700	10	<20
0158	7	N	N	30	100	10	50	N	100	10	<20
0159	2	N	N	10	70	<10	50	N	50	10	N
0160	N	N	N	10	20	15	500	N	150	10	N
0161	2	N	N	20	70	15	200	N	700	10	<20
0162	2	N	N	10	70	15	100	N	500	10	N

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
					Petersburg B3--continued					
0003	N	30	50	10,000	500	N	2,000	N	>2,000	700
0005	N	30	20	10,000	500	1,500	1,500	N	>2,000	200
0006	N	30	N	700	150	200	500	N	>2,000	N
0006A	N	20	20	3,000	500	1,000	3,000	N	>2,000	700
0007	N	10	N	200	1,000	N	200	1,500	>2,000	N
0008	N	20	200	10,000	1,000	N	700	N	>2,000	N
0010	N	30	N	10,000	700	N	1,500	N	>2,000	700
0011	N	30	300	10,000	500	N	1,500	N	>2,000	N
0012	N	30	N	5,000	300	N	500	N	>2,000	N
0018	N	20	N	5,000	700	N	1,000	N	>2,000	N
0019	N	20	N	700	200	N	500	N	2,000	N
0019A	N	20	N	1,500	700	N	1,000	N	>2,000	N
0020	N	20	N	10,000	700	N	1,500	N	>2,000	N
0021	N	30	N	5,000	700	N	1,500	N	>2,000	N
0022	N	30	N	10,000	500	N	1,000	N	>2,000	N
0023	N	30	N	10,000	500	N	1,000	N	>2,000	N
0024	N	30	N	10,000	500	N	500	N	>2,000	N
0024A	N	50	N	700	500	N	1,000	N	>2,000	N
0029A	N	20	N	300	300	150	1,000	N	>2,000	N
0034	N	10	N	10,000	700	N	1,000	N	>2,000	N
0035	N	30	N	10,000	500	N	1,000	N	>2,000	N
0036	N	20	N	700	200	150	200	N	1,500	N
0036A	N	20	20	700	500	N	1,500	N	>2,000	N
0038	N	30	N	10,000	500	N	1,000	N	>2,000	N
0148	N	10	N	1,000	500	N	500	500	1,000	N
0149	N	10	N	500	500	N	700	N	>2,000	N
0150	N	10	N	700	500	N	1,000	500	>2,000	N
0151	N	10	N	500	300	N	1,000	N	>2,000	N
0151A	N	10	N	700	300	N	1,000	N	>2,000	N
0152	N	30	N	1,000	500	N	300	N	>2,000	N
0153	N	20	N	1,000	500	N	150	500	2,000	N
0154	N	10	N	500	300	N	100	500	1,500	N
0155	N	10	N	500	300	N	200	N	2,000	N
0156	N	30	N	10,000	700	N	200	700	2,000	N
0157	N	10	N	1,500	300	N	500	N	>2,000	N
0158	N	10	N	500	500	N	100	1,000	1,500	N
0159	N	10	N	500	150	N	50	500	150	N
0160	N	10	N	500	300	N	500	N	>2,000	N
0161	N	10	N	500	300	N	500	N	>2,000	N
0162	N	10	N	500	300	N	200	N	>2,000	N

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
0163	56 23 22	132 54 20	2.0	1.00	7.0	>2.00	1,500	N	N	N	70	200
0164	56 23 32	132 54 1	5.0	1.50	7.0	2.00	1,500	5.0	N	N	150	500
0164A	56 23 32	132 54 1	2.0	1.50	7.0	2.00	1,500	N	N	N	150	200
0165	56 24 47	132 57 32	2.0	2.00	10.0	>2.00	1,500	N	N	N	70	200
0166	56 22 33	132 59 38	5.0	1.00	10.0	>2.00	1,500	N	N	N	30	500
0166A	56 22 33	132 59 38	2.0	2.00	7.0	>2.00	1,500	N	N	N	50	700
0167	56 20 54	132 57 33	2.0	1.50	5.0	2.00	1,500	N	N	N	70	500
0168	56 19 50	132 55 5	2.0	1.00	5.0	2.00	1,000	N	N	N	20	500
0900	56 15 22	132 46 19	7.0	2.00	10.0	>2.00	1,500	N	N	N	70	500
0903	56 15 13	132 45 58	10.0	2.00	10.0	>2.00	1,500	N	N	N	70	700
1001	56 25 12	132 57 52	7.0	1.00	5.0	1.00	300	1.0	N	N	<20	10,000
1001A	56 25 12	132 57 52	7.0	3.00	10.0	2.00	2,000	1.0	N	N	100	>10,000
1001B	56 25 12	132 58 0	7.0	.70	5.0	>2.00	700	1.5	N	N	50	>10,000
1002	56 25 12	132 58 3	5.0	.70	5.0	.50	1,000	N	N	N	<20	300
1003	56 25 30	132 57 18	7.0	5.00	20.0	2.00	5,000	N	N	N	50	1,000
1004	56 25 41	132 57 40	7.0	.70	5.0	1.50	500	N	N	N	20	700
1374	56 20 27	132 41 26	2.0	1.50	10.0	>2.00	1,500	N	N	N	50	1,000
1375	56 20 47	132 40 30	2.0	1.50	10.0	>2.00	1,500	N	N	N	50	700
1376	56 20 15	132 41 38	2.0	1.00	10.0	>2.00	1,500	N	N	N	70	700
1377	56 20 38	132 40 39	2.0	1.00	7.0	>2.00	1,000	N	N	N	50	1,000
1378	56 20 55	132 40 58	2.0	1.50	7.0	>2.00	1,500	N	N	N	70	1,000
1379	56 20 57	132 40 31	2.0	.70	7.0	>2.00	1,000	N	N	N	100	1,000
					Petersburg B4--continued							
0025	56 23 54	133 1 6	2.0	1.50	7.0	>2.00	1,500	N	N	N	150	1,000
0026	56 23 40	133 1 4	2.0	1.00	10.0	>2.00	1,500	N	N	N	<20	300
0026A	56 23 40	133 1 4	2.0	1.50	10.0	>2.00	1,500	N	N	N	50	700
0027	56 22 9	133 2 31	15.0	1.50	7.0	>2.00	1,500	N	N	N	50	1,000
0030A	56 20 41	133 3 49	2.0	1.50	7.0	>2.00	1,500	N	N	N	70	700
0031	56 19 35	133 2 50	2.0	2.00	7.0	>2.00	1,500	N	N	N	100	2,000
0032	56 18 54	133 0 58	2.0	2.00	10.0	>2.00	1,500	N	N	N	100	1,500
0033	56 18 46	133 0 50	5.0	5.00	10.0	>2.00	2,000	N	N	N	100	700
0136	56 15 26	133 8 54	2.0	.70	7.0	>2.00	500	N	N	N	<20	300
0418	56 28 41	133 8 37	1.0	1.50	10.0	>2.00	1,000	1.0	1,500	N	70	700
0419	56 28 39	133 8 48	7.0	2.00	10.0	>2.00	1,500	N	N	N	100	1,000
0420	56 27 9	133 12 43	2.0	1.00	5.0	>2.00	1,500	N	N	N	70	500
0421	56 28 21	133 14 10	2.0	2.00	1.0	>2.00	2,000	N	N	N	70	1,000
0422	56 28 45	133 15 45	7.0	1.50	7.0	>2.00	1,500	N	N	N	70	1,000
0423	56 28 55	133 18 29	2.0	1.50	7.0	>2.00	1,500	N	N	N	70	1,000
0740	56 19 27	133 19 38	2.0	1.00	5.0	2.00	500	N	N	N	<20	200
0740A	56 19 27	133 19 38	5.0	1.00	10.0	>2.00	1,500	N	N	<20	50	1,500
0752	56 16 47	133 11 39	2.0	1.50	5.0	>2.00	1,500	N	N	N	70	1,000
0753	56 17 26	133 12 8	5.0	1.50	5.0	>2.00	1,500	N	N	N	70	1,000
0754	56 16 35	133 11 55	2.0	2.00	5.0	1.50	1,000	N	N	N	20	500

PETERSBURG STUDY AREA C3 ANALYSES--continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
0163	2	N	N	10	100	30	500	N	700	10	N
0164	5	N	N	10	150	20	100	N	200	10	20
0164A	5	N	N	10	100	10	100	N	200	10	<20
0165	2	N	N	10	100	30	300	N	500	10	50
0166	2	N	N	20	150	10	300	N	150	10	20
0166A	N	N	N	20	200	50	700	N	1,500	N	N
0167	7	N	N	10	150	15	300	N	100	10	<20
0168	2	N	N	N	50	<10	150	N	150	10	N
0900	7	N	N	10	150	30	200	N	150	10	100
0903	2	N	N	10	200	20	200	N	100	10	50
1001	N	N	N	15	150	300	50	N	70	20	20
1001A	2	N	N	30	300	500	150	15	300	70	150
1001B	N	N	N	10	20	300	150	15	200	<10	50
1002	2	N	N	10	50	<10	50	N	<50	10	N
1003	2	N	N	30	700	15	100	N	150	70	20
1004	2	N	N	10	100	2,000	70	10	100	10	2,000
1374	N	N	N	20	100	100	500	10	700	N	<20
1375	N	N	N	20	150	100	500	N	1,000	N	20
1376	N	N	N	30	70	100	500	N	500	70	20
1377	N	N	N	10	70	20	300	N	300	N	N
1378	N	N	N	10	150	50	300	N	500	N	N
1379	N	N	N	N	N	20	300	N	500	N	N

Petersburg B4--continued

0025	2	N	N	10	150	70	500	N	1,500	10	20
0026	N	N	N	10	150	30	150	N	150	20	20
0026A	N	N	N	10	150	30	700	N	1,000	N	20
0027	2	N	N	20	150	150	700	N	2,000	10	70
0030A	N	N	N	10	150	100	300	N	700	N	20
0031	2	N	N	10	150	50	1,000	N	2,000	10	20
0032	2	N	N	10	150	300	1,000	N	2,000	10	20
0033	2	N	N	10	500	200	1,000	N	1,500	10	50
0136	N	N	N	10	50	30	500	N	700	10	N
0418	5	N	N	20	100	150	500	N	500	10	50
0419	2	N	N	20	100	200	700	700	1,000	10	30
0420	2	N	N	10	100	50	500	N	1,000	10	N
0421	2	N	N	10	150	50	300	N	500	10	70
0422	2	N	100	20	100	150	1,000	N	1,000	10	50
0423	2	N	100	10	150	20	150	N	1,000	10	20
0740	N	N	N	10	150	15	100	N	150	20	N
0740A	N	N	N	30	70	150	700	N	1,500	N	150
0752	2	N	N	10	150	30	700	N	2,000	10	50
0753	2	N	N	10	150	150	1,000	N	1,500	10	100
0754	ND	ND	ND	20	700	15	300	N	100	50	N

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
0163	N	10	N	1,500	500	N	500	N	>2,000	N
0164	N	10	N	1,500	300	N	300	N	2,000	N
0164A	N	10	N	1,000	300	N	200	N	2,000	N
0165	N	10	30	1,500	500	N	700	N	>2,000	N
0166	N	30	N	1,500	300	N	200	N	>2,000	N
0166A	N	20	N	500	500	N	1,500	N	>2,000	N
0167	N	10	N	1,000	300	N	150	N	1,500	N
0168	N	10	N	500	500	N	150	N	>2,000	N
0900	N	20	20	2,000	500	N	2,000	1,000	>2,000	700
0903	N	20	N	1,500	500	N	300	N	>2,000	N
1001	N	10	N	700	150	N	100	N	500	N
1001A	N	30	N	10,000	500	N	200	700	2,000	N
1001B	N	15	N	7,000	200	N	500	N	>2,000	N
1002	N	10	N	700	150	N	50	N	500	N
1003	N	30	N	5,000	500	N	200	N	700	N
1004	N	15	150	700	150	N	150	N	1,500	N
1374	N	20	N	1,000	500	N	1,000	N	>2,000	N
1375	N	20	N	1,000	500	N	1,000	N	>2,000	N
1376	N	20	N	1,500	300	N	1,500	N	>2,000	200
1377	N	20	500	1,000	300	N	1,000	N	>2,000	500
1378	N	20	N	1,000	300	N	1,000	N	>2,000	N
1379	N	10	N	1,000	300	N	700	N	>2,000	500
Petersburg B4--continued										
0025	N	20	N	10,000	500	700	1,000	N	>2,000	N
0026	N	30	N	700	150	N	500	N	2,000	N
0026A	N	20	N	700	700	N	1,500	N	>2,000	N
0027	N	20	N	1,500	500	N	1,500	N	>2,000	N
0030A	N	20	20	1,000	500	N	1,000	N	>2,000	N
0031	N	10	N	10,000	700	N	1,000	N	>2,000	N
0032	N	20	300	10,000	700	N	1,500	N	>2,000	1,000
0033	N	30	N	10,000	700	N	1,000	N	>2,000	N
0136	N	10	N	500	300	N	700	N	>2,000	200
0418	N	10	N	2,000	500	N	500	1,500	>2,000	500
0419	N	10	20	2,000	700	2,000	1,000	N	>2,000	N
0420	N	10	700	1,500	500	N	500	N	>2,000	N
0421	N	20	N	2,000	300	N	500	N	>2,000	N
0422	N	20	N	1,500	500	N	1,000	5,000	>2,000	N
0423	N	10	N	2,000	500	N	200	7,000	>2,000	N
0740	N	15	N	500	150	N	150	N	2,000	N
0740A	N	10	N	1,500	500	100	700	N	>2,000	N
0752	N	10	N	10,000	700	150	1,000	N	>2,000	N
0753	N	20	N	5,000	700	100	1,000	N	>2,000	N
0754	N	15	N	500	300	N	100	N	500	N

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
0754A	56 16 35	133 11 55	5.0	1.50	10.0	>2.00	1,500	N	N	N	50	1,000
0755	56 17 20	133 14 53	7.0	1.50	5.0	1.50	500	N	N	N	<20	200
0755A	56 17 20	133 14 53	15.0	1.50	7.0	>2.00	1,500	7.0	N	N	70	1,000
0756	56 15 52	133 14 57	7.0	1.50	5.0	>2.00	1,500	N	N	N	70	500
0757	56 15 51	133 10 32	5.0	1.50	5.0	>2.00	1,500	N	N	N	70	700
0758	56 16 46	133 9 58	2.0	2.00	5.0	>2.00	1,500	N	N	N	70	500
0759	56 19 7	133 10 10	2.0	1.00	5.0	>2.00	1,500	N	N	N	50	700
0760	56 17 47	133 10 10	7.0	1.50	5.0	>2.00	1,500	N	N	N	50	>10,000
0761	56 19 30	133 16 46	5.0	1.50	5.0	1.00	500	N	N	N	20	500
0761A	56 19 30	133 16 46	7.0	1.00	7.0	>2.00	1,500	150.0	N	500	70	2,000
0762	56 19 27	133 13 43	7.0	1.50	5.0	>2.00	1,500	N	N	N	200	500
0763	56 16 34	133 18 0	5.0	1.50	15.0	>2.00	1,500	N	N	N	100	1,000
0764	56 16 55	133 18 7	5.0	1.50	15.0	>2.00	1,500	N	N	N	70	700
0771	56 16 10	133 19 37	15.0	1.50	10.0	>2.00	2,000	N	N	N	70	500
0920	56 29 40	133 14 40	7.0	3.00	7.0	>2.00	1,500	N	N	N	100	300
0921	56 29 11	133 18 1	7.0	2.00	10.0	2.00	2,000	N	N	N	70	500
1381	56 16 0	133 18 20	5.0	2.00	1.0	>2.00	1,500	N	N	N	70	1,000
1382	56 18 21	133 18 56	5.0	1.50	7.0	>2.00	1,500	N	N	N	50	700
1390	56 17 16	133 8 35	2.0	1.50	10.0	>2.00	1,500	N	N	N	50	500
					Petersburg B5--continued							
0692	56 26 46	133 39 8	2.0	.70	2.0	1.00	500	N	N	N	20	1,500
0692A	56 26 46	133 39 8	2.0	1.00	7.0	>2.00	1,500	N	N	N	70	700
0693	56 27 42	133 39 23	5.0	2.00	15.0	>5.00	2,000	N	N	N	50	5,000
0693A	56 27 42	133 39 23	2.0	1.50	7.0	>2.00	1,500	N	N	N	70	700
0694	56 28 20	133 39 50	20.0	.70	10.0	>2.00	1,500	N	N	N	70	>10,000
0695	56 29 38	133 39 45	2.0	.70	2.0	1.00	300	N	N	N	20	300
0695A	56 29 38	133 39 45	2.0	1.00	7.0	>2.00	1,500	N	N	N	70	700
0703	56 29 51	133 22 18	10.0	1.50	10.0	>2.00	1,500	N	N	N	70	1,500
0706	56 29 8	133 26 13	7.0	2.00	20.0	>2.00	2,000	N	N	N	70	5,000
0707	56 28 20	133 26 41	2.0	1.00	5.0	1.50	1,000	N	N	N	20	200
0707A	56 28 20	133 26 41	2.0	1.50	7.0	>2.00	1,500	N	N	N	70	700
0708	56 26 17	133 31 45	7.0	1.50	10.0	>2.00	1,500	N	N	N	100	1,500
0720	56 17 57	133 34 40	2.0	1.50	10.0	>2.00	1,500	N	N	N	70	2,000
0721	56 17 3	133 35 40	2.0	1.00	10.0	>2.00	1,500	N	N	N	50	500
0722	56 20 51	133 35 6	2.0	2.00	20.0	>2.00	2,000	N	N	N	50	5,000
0723	56 20 50	133 33 7	7.0	3.00	10.0	>2.00	2,000	N	N	N	70	700
0724	56 20 2	133 32 3	5.0	1.50	5.0	2.00	700	N	N	N	<20	300
0725	56 20 11	133 31 54	5.0	2.00	10.0	>2.00	1,500	N	N	N	70	1,500
0726	56 20 18	133 32 9	2.0	1.50	10.0	>2.00	1,500	N	N	N	20	1,500
0727	56 16 4	133 36 36	2.0	1.00	10.0	>2.00	1,500	N	N	N	20	500

PETERSBURG STUDY AREA C3 ANALYSES--continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
0754A	N	N	N	30	100	150	1,000	N	1,500	N	70
0755	N	N	N	70	500	300	300	N	150	70	70
0755A	N	N	N	150	70	300	700	N	1,000	100	100
0756	2	N	N	10	500	150	500	N	1,000	10	50
0757	2	N	N	10	150	100	1,000	N	1,000	10	<20
0758	2	N	N	10	150	30	1,000	N	700	10	<20
0759	2	N	N	10	200	100	2,000	N	5,000	10	<20
0760	2	N	N	10	100	50	1,000	N	1,500	10	<20
0761	N	N	N	30	200	50	50	N	50	20	<20
0761A	N	N	100	70	70	150	1,000	N	1,500	N	50
0762	2	N	N	10	100	100	700	N	1,000	10	<20
0763	2	N	N	30	150	50	700	N	500	10	<20
0764	2	N	N	30	150	50	700	N	500	10	<20
0771	2	N	N	70	50	300	1,000	N	500	10	50
0920	2	N	N	10	500	150	100	N	500	10	50
0921	2	N	N	10	200	30	200	N	100	10	30
1381	N	N	N	30	200	200	700	N	1,000	N	N
1382	N	N	N	20	150	100	700	N	1,500	N	30
1390	N	N	N	10	100	50	2,000	N	1,500	N	20
					Petersburg B5--continued						
0692	N	N	N	<10	100	<10	70	N	150	10	20
0692A	N	N	N	10	70	20	500	N	1,000	N	20
0693	N	N	N	N	200	20	300	N	500	20	N
0693A	N	N	N	10	70	20	700	N	1,500	N	<20
0694	2	N	200	10	100	200	500	N	500	10	100
0695	N	N	N	N	70	<10	50	N	100	10	100
0695A	N	N	N	10	150	150	700	N	1,000	N	200
0703	2	N	200	30	150	300	1,000	N	500	10	70
0706	2	N	N	10	150	150	1,000	N	500	10	50
0707	N	N	N	10	150	<10	100	N	150	N	N
0707A	N	N	N	10	70	20	500	N	1,000	N	700
0708	2	N	100	10	150	200	1,000	N	1,000	10	1,500
0720	2	N	N	10	150	150	700	N	2,000	10	1,500
0721	2	N	N	10	100	50	2,000	N	200	10	700
0722	2	N	N	10	150	150	700	N	1,000	10	20
0723	2	N	N	10	300	20	200	N	500	70	<20
0724	N	N	N	15	200	30	300	N	300	20	N
0725	2	N	N	10	150	50	1,000	N	3,000	10	N
0726	2	N	N	10	70	50	1,000	N	1,000	10	30
0727	2	N	70	10	70	50	1,000	N	1,000	10	200

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
0754A	N	10	N	1,500	700	N	1,500	N	>2,000	N
0755	N	15	N	500	200	N	200	N	1,500	N
0755A	N	10	N	500	500	N	1,500	1,000	>2,000	N
0756	N	20	N	7,000	500	N	500	N	>2,000	N
0757	N	20	20	7,000	700	N	1,000	N	>2,000	N
0758	N	20	N	7,000	700	N	1,000	N	>2,000	N
0759	N	20	N	10,000	1,000	700	1,000	1,000	>2,000	N
0760	N	20	20	5,000	500	100	1,000	5,000	>2,000	N
0761	N	15	N	500	200	N	100	<500	500	N
0761A	N	10	150	200	700	N	1,500	3,000	>2,000	N
0762	N	10	N	5,000	700	N	1,000	N	>2,000	N
0763	N	20	N	10,000	500	N	700	N	>2,000	N
0764	N	20	N	10,000	500	N	700	N	>2,000	N
0771	N	10	N	2,000	700	N	1,500	N	>2,000	N
0920	N	20	N	1,500	500	N	500	2,000	>2,000	N
0921	N	20	N	1,500	500	N	200	500	1,500	N
1381	N	10	70	1,500	500	N	1,500	N	>2,000	N
1382	N	20	N	1,000	500	150	1,000	N	>2,000	N
1390	N	10	70	500	700	N	1,500	500	>2,000	N
Petersburg B5--continued										
0692	N	15	150	500	100	N	100	N	2,000	N
0692A	N	10	N	500	500	200	700	N	>2,000	N
0693	N	20	N	1,000	700	N	700	N	>5,000	N
0693A	N	10	N	300	700	N	1,500	N	>2,000	N
0694	N	30	30	2,000	500	N	1,000	20,000	>2,000	N
0695	N	15	20	500	100	N	70	N	>2,000	N
0695A	N	10	700	300	700	N	700	2,000	>2,000	N
0703	N	30	500	2,000	700	N	700	5,000	>2,000	N
0706	N	20	N	10,000	700	N	700	10,000	>2,000	N
0707	N	20	N	500	100	N	200	N	>2,000	N
0707A	N	10	N	1,000	500	N	1,500	N	>2,000	N
0708	N	20	150	5,000	700	N	700	20,000	>2,000	N
0720	N	10	N	5,000	700	N	150	N	>2,000	N
0721	N	30	20	2,000	700	N	500	N	>2,000	N
0722	N	20	50	5,000	700	N	1,500	N	>2,000	N
0723	N	20	70	1,500	300	N	300	N	>2,000	N
0724	N	30	N	500	200	N	300	N	>2,000	N
0725	N	20	N	2,000	500	200	1,000	N	>2,000	N
0726	N	10	N	1,500	500	N	1,000	N	>2,000	N
0727	N	10	N	700	500	N	1,000	N	>2,000	N

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
0728	56 15 57	133 36 49	7.0	1.00	10.0	>2.00	1,500	N	N	N	100	5,000
0729	56 18 4	133 31 55	2.0	1.50	5.0	2.00	700	N	N	N	20	200
0729A	56 18 4	133 31 55	7.0	5.00	10.0	>2.00	1,500	N	N	N	50	700
0730	56 17 31	133 28 14	5.0	1.50	5.0	2.00	1,000	N	N	N	20	200
0730A	56 17 31	133 28 14	7.0	1.00	7.0	>2.00	1,500	N	N	N	20	1,000
0731	56 17 24	133 25 40	5.0	1.00	10.0	>2.00	1,500	N	N	N	20	1,000
0732	56 19 30	133 26 50	5.0	1.50	10.0	>2.00	1,500	N	N	N	50	2,000
0733	56 19 50	133 24 10	7.0	.15	2.0	1.50	150	N	N	N	<20	50
0734	56 19 38	133 24 49	5.0	2.00	7.0	2.00	1,500	N	N	N	50	200
0734A	56 19 38	133 24 49	5.0	2.00	7.0	>2.00	1,500	N	N	N	70	700
0735	56 19 28	133 26 20	5.0	1.50	10.0	>2.00	1,500	N	N	N	70	700
0736	56 19 0	133 20 39	2.0	1.50	7.0	>2.00	1,500	N	N	N	20	500
0737	56 18 27	133 20 45	2.0	1.50	7.0	>2.00	1,500	N	N	N	50	500
0738	56 20 4	133 21 26	2.0	1.50	10.0	>2.00	1,500	N	N	N	20	500
0739	56 19 57	133 20 10	2.0	2.00	10.0	>2.00	1,500	N	N	N	70	300
0741	56 18 0	133 20 53	7.0	1.50	10.0	>2.00	1,000	N	N	N	20	300
0742	56 16 25	133 20 38	2.0	1.50	10.0	>2.00	2,000	N	N	N	70	300
0743	56 16 15	133 20 51	2.0	1.50	10.0	>2.00	1,500	N	N	N	50	200
0744	56 16 9	133 20 53	2.0	1.00	10.0	>2.00	1,500	N	N	N	20	200
0746	56 15 48	133 20 36	2.0	.70	5.0	>2.00	1,500	N	N	N	20	150
0747	56 15 33	133 20 15	30.0	1.50	10.0	>2.00	1,500	N	N	N	100	2,000
0748	56 15 28	133 25 53	7.0	3.00	10.0	>2.00	2,000	N	N	N	70	500
0945	56 28 39	133 36 42	20.0	1.50	7.0	>2.00	5,000	N	N	N	70	200
0946	56 28 39	133 37 0	7.0	1.50	7.0	>2.00	1,500	N	N	N	50	300
0946A	56 28 39	133 37 0	20.0	.20	7.0	>2.00	1,000	N	1,000	N	100	700
0947	56 29 23	133 34 27	15.0	5.00	10.0	>2.00	1,500	N	N	N	50	500
0948	56 29 25	133 34 40	10.0	5.00	20.0	>2.00	2,000	N	N	N	100	1,000
0995	56 29 39	133 39 45	5.0	1.00	5.0	2.00	700	N	N	N	20	200
0995A	56 28 20	133 37 10	5.0	1.00	5.0	>2.00	1,500	N	N	20	70	500
0996	56 29 30	133 35 30	2.0	1.00	5.0	2.00	500	N	N	N	50	150
1230	56 26 15	133 33 56	7.0	.50	3.0	2.00	500	N	N	N	50	300
1232	56 26 14	133 33 10	2.0	.70	5.0	2.00	1,500	N	N	N	20	500
1233	56 26 56	133 29 40	2.0	1.00	7.0	>2.00	1,000	N	N	N	20	300
1234	56 27 2	133 29 15	7.0	.50	2.0	1.50	300	N	N	N	<20	100
1234A	56 27 2	133 29 15	30.0	.15	7.0	1.50	300	N	N	N	100	500
1236	56 29 59	133 26 28	2.0	1.50	5.0	2.00	1,000	N	N	N	20	200
					Petersburg 36--continued							
0555	56 18 19	133 53 33	10.0	.50	10.0	1.00	500	N	N	N	70	2,000
0557	56 20 54	133 51 11	5.0	2.00	50.0	2.00	1,500	15.0	N	N	100	500
0559	56 23 33	133 55 22	2.0	1.50	30.0	1.00	1,500	15.0	N	N	200	50
0560	56 15 37	133 54 40	5.0	1.50	20.0	1.00	1,500	N	N	N	500	500
0561	56 23 40	133 52 57	10.0	2.00	20.0	2.00	1,500	N	N	N	70	700

PETERSBURG STUDY AREA C3 ANALYSES--continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
0728	2	N	N	10	50	100	1,000	N	500	10	30
0729	N	N	N	15	150	70	100	N	150	30	200
0729A	N	N	N	50	70	150	500	N	500	N	<20
0730	2	N	N	20	150	200	70	N	100	10	70
0730A	N	N	N	30	70	150	1,500	N	1,000	N	<20
0731	2	N	N	10	50	50	1,000	N	500	10	N
0732	2	N	N	10	70	50	1,000	N	1,000	10	<20
0733	N	N	N	10	N	15	100	N	100	10	N
0734	N	N	N	20	500	30	150	N	300	30	<20
0734A	N	N	N	70	200	200	1,000	N	1,000	N	20
0735	2	N	N	10	70	50	1,500	N	1,500	10	<20
0736	2	N	N	10	50	50	1,000	N	1,500	10	N
0737	2	N	N	10	100	50	1,000	N	1,500	10	N
0738	2	N	N	10	100	100	1,000	N	1,000	10	<20
0739	2	N	N	10	150	20	1,000	N	500	10	30
0741	2	N	N	70	70	150	500	N	1,000	10	<20
0742	2	N	N	10	70	50	1,000	N	1,000	10	<20
0743	2	N	N	10	70	50	1,000	N	1,000	10	N
0744	2	N	N	10	70	50	1,500	N	300	10	N
0746	N	N	N	<10	20	100	2,000	N	1,000	10	N
0747	N	N	N	150	70	200	300	N	200	200	20
0748	2	N	N	50	70	150	1,000	N	200	10	N
0945	20	N	N	20	150	50	200	20	500	10	100
0946	2	N	N	10	150	300	50	N	150	10	<20
0946A	N	200	N	100	20	150	300	N	700	N	100
0947	2	N	50	10	500	50	150	N	500	10	20
0948	2	N	100	10	200	50	150	N	700	10	70
0995	N	N	N	10	150	50	150	N	300	10	30
0995A	N	70	N	20	50	200	700	70	3,000	N	N
0996	N	N	N	N	150	20	70	N	200	10	N
1230	2	N	N	10	50	50	150	N	300	10	20
1232	2	N	N	10	70	15	100	N	300	10	20
1233	2	N	200	10	100	50	200	N	500	10	<20
1234	N	N	N	N	50	150	300	N	200	10	30
1234A	N	N	200	N	N	50	500	N	100	N	100
1236	2	N	N	10	70	10	50	N	150	10	<20

Petersburg B6--continued

0555	<2	N	N	50	50	100	50	10	N	70	<20
0557	7	N	N	10	100	70	70	N	100	10	20
0559	7	N	N	10	70	10	N	N	N	10	<20
0560	7	N	N	10	70	50	N	N	N	10	<20
0561	2	N	100	20	200	150	200	N	N	50	<20

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
0728	N	10	N	1,000	500	N	1,500	3,000	>2,000	N
0729	N	15	N	700	200	N	150	N	>2,000	N
0729A	N	10	N	500	500	N	700	N	>2,000	N
0730	N	15	N	700	200	N	100	N	2,000	N
0730A	N	10	N	500	500	N	1,000	N	>2,000	N
0731	N	10	N	700	1,000	N	1,500	N	>2,000	N
0732	N	10	N	2,000	1,000	N	1,500	N	>2,000	N
0733	N	10	N	N	50	N	20	N	>2,000	N
0734	N	20	N	700	200	N	300	N	>2,000	500
0734A	N	10	N	700	700	N	1,500	N	>2,000	200
0735	N	10	N	2,000	1,000	100	1,500	N	>2,000	N
0736	N	10	N	2,000	1,000	100	1,500	N	>2,000	N
0737	N	10	N	2,000	700	100	1,500	N	>2,000	N
0738	N	10	N	2,000	700	100	1,000	N	>2,000	N
0739	N	10	N	10,000	300	N	500	N	>2,000	N
0741	N	10	N	2,000	500	100	1,000	N	>2,000	N
0742	N	10	20	2,000	700	N	1,000	1,000	>2,000	N
0743	N	10	N	1,500	500	N	1,000	N	>2,000	N
0744	N	10	30	1,500	500	N	1,000	N	>2,000	N
0746	N	10	20	200	700	N	1,500	N	>2,000	N
0747	N	10	N	1,500	500	2,000	500	3,000	>2,000	N
0748	N	20	N	10,000	700	N	1,000	1,000	>2,000	N
0945	N	20	N	500	500	N	300	1,000	2,000	N
0946	N	20	N	500	300	N	200	N	2,000	N
0946A	N	10	N	N	200	N	700	N	>2,000	N
0947	N	30	N	1,000	500	N	300	2,000	>2,000	N
0948	N	30	20	5,000	500	N	300	7,000	>2,000	N
0995	N	20	N	500	200	100	200	N	2,000	N
0995A	N	10	30	N	700	5,000	1,500	N	>2,000	N
0996	N	15	N	500	150	N	150	700	2,000	N
1230	N	10	300	700	200	N	200	N	2,000	N
1232	N	10	N	700	200	N	200	N	2,000	N
1233	N	10	N	700	300	N	300	20,000	>2,000	N
1234	N	20	N	200	200	N	500	700	>2,000	N
1234A	N	10	N	N	100	N	1,500	7,000	>2,000	N
1236	N	10	N	700	300	N	100	<500	700	N
				Petersburg B6--continued						
0555	N	20	N	500	200	N	70	N	300	N
0557	N	20	N	500	500	N	200	700	2,000	N
0559	N	20	N	500	700	N	70	N	2,000	N
0560	N	10	N	500	700	N	70	N	500	N
0561	N	30	N	1,000	1,000	N	100	3,000	>2,000	N

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
0563	56 16 17	133 57 40	5.0	1.50	50.0	.70	1,500	N	N	N	150	<50
0564	56 19 12	133 50 29	7.0	1.00	50.0	1.50	1,500	N	N	N	70	300
0565	56 15 6	133 58 27	5.0	1.00	50.0	.50	1,500	N	N	N	70	N
0566	56 22 32	133 55 48	5.0	1.50	20.0	2.00	1,500	N	N	N	100	150
0567	56 15 19	133 59 28	7.0	.70	20.0	.50	1,500	N	N	N	70	N
0568	56 24 17	133 55 19	7.0	1.50	50.0	>2.00	2,000	N	N	N	5,000	200
0569	56 18 24	133 59 24	2.0	1.00	20.0	>2.00	1,500	N	N	N	500	1,000
0570	56 24 21	133 55 9	10.0	10.00	20.0	>2.00	3,000	N	N	N	300	500
0573	56 19 57	133 58 54	2.0	1.00	10.0	>2.00	1,500	N	N	N	5,000	200
0574	56 21 27	133 58 59	7.0	5.00	10.0	2.00	1,000	N	N	N	200	>10,000
0575	56 22 3	133 59 6	15.0	1.50	10.0	>2.00	1,500	N	N	N	500	300
0576	56 20 56	133 57 31	20.0	1.50	20.0	2.00	1,000	1.0	N	N	150	200
0610	56 27 55	133 52 35	15.0	7.00	20.0	1.00	1,500	N	N	N	500	150
0612	56 29 15	133 53 57	7.0	5.00	10.0	1.50	1,500	N	N	N	1,500	500
0613	56 27 19	133 52 10	7.0	1.50	20.0	2.00	1,500	N	N	N	200	300
0615	56 29 2	133 53 22	7.0	1.00	7.0	2.00	1,500	N	N	N	50	300
0617	56 29 40	133 57 49	20.0	1.50	10.0	>2.00	1,500	N	N	N	70	150
0627	56 26 23	133 56 10	10.0	2.00	20.0	2.00	1,000	N	N	N	20	200
0628	56 26 26	133 54 13	1.0	1.00	7.0	.03	300	N	N	N	20	N
0700	56 29 20	133 48 36	2.0	1.00	2.0	1.50	700	N	N	N	20	1,000
0701	56 29 2	133 48 6	.5	.50	10.0	5.00	500	N	N	N	<100	5,000
0702	56 28 28	133 47 3	7.0	5.00	5.0	1.00	1,500	N	N	N	<20	1,000
1035	56 17 43	133 55 58	7.0	2.00	5.0	.50	1,000	N	N	N	20	1,500
1055	56 19 42	133 53 42	7.0	2.00	7.0	2.00	1,000	N	N	N	20	150
1057	56 19 45	133 53 35	7.0	1.50	7.0	2.00	700	N	N	N	50	1,000
1060	56 21 45	133 53 30	7.0	1.00	3.0	.70	700	N	N	N	100	1,000
Petersburg C1--continued												
0249	56 30 23	132 15 31	2.0	1.00	7.0	>2.00	1,500	2.0	N	N	150	700
0250	56 32 27	132 15 24	1.5	.70	7.0	2.00	700	N	N	N	150	300
0251	56 34 4	132 16 37	5.0	1.00	7.0	2.00	1,500	N	N	N	200	500
0252	56 31 32	132 12 41	2.0	2.00	10.0	>2.00	1,500	N	N	N	70	7,000
0253	56 31 26	132 12 40	2.0	2.00	5.0	1.50	500	2.0	N	N	150	1,500
0261	56 31 37	132 4 19	2.0	5.00	10.0	>2.00	1,500	N	N	N	<20	1,000
0262	56 31 20	132 4 20	2.0	1.00	10.0	>2.00	700	3.0	500	N	30	200
0263	56 31 36	132 4 41	2.0	2.00	10.0	2.00	700	N	500	N	30	500
0305	56 30 29	132 18 40	1.5	1.00	5.0	2.00	1,000	N	N	N	70	500
0306	56 30 50	132 16 5	2.0	.70	5.0	>2.00	1,000	N	N	N	50	300
0309	56 36 47	132 17 55	1.0	.70	5.0	2.00	500	N	N	N	100	500
0310	56 36 8	132 16 52	2.0	2.00	10.0	2.00	1,500	1.0	N	N	20	700
0311	56 35 37	132 14 9	1.0	1.50	5.0	.50	1,000	N	N	N	<20	700
0312	56 35 56	132 14 0	2.0	2.00	7.0	1.00	1,500	1.0	N	N	20	1,000
0313	56 37 5	132 14 50	1.0	1.50	5.0	1.50	500	N	N	N	50	700

PETERSBURG STUDY AREA C3 ANALYSES--continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
0563	5	N	N	10	100	10	50	N	N	10	N
0564	5	N	N	10	N	10	70	N	N	10	N
0565	2	N	N	10	N	15	50	N	N	10	N
0566	2	N	N	10	150	10	100	N	N	10	N
0567	2	N	N	10	100	<10	N	N	N	10	N
0568	2	N	N	10	500	50	150	N	N	10	N
0569	2	N	N	10	100	150	500	N	150	10	N
0570	5	N	N	50	1,500	200	300	N	200	50	N
0573	5	N	N	10	150	20	150	N	50	10	N
0574	N	N	N	30	500	700	50	N	N	100	50
0575	5	N	150	30	150	150	50	N	N	50	<20
0576	2	N	N	30	70	150	200	20	50	150	30
0610	N	N	N	70	1,500	70	50	15	N	150	<20
0612	<2	N	N	50	1,500	100	50	10	50	150	<20
0613	2	N	N	30	150	50	700	N	50	10	N
0615	N	N	N	30	150	100	700	N	100	10	N
0617	2	N	N	50	200	150	700	N	N	10	30
0627	N	N	N	50	700	200	100	15	70	100	<20
0628	N	N	N	N	N	<10	N	N	N	10	N
0700	N	N	N	<10	150	10	50	N	150	30	N
0701	N	N	N	N	100	N	1,000	N	200	50	N
0702	N	N	N	30	1,000	<10	N	N	N	70	<20
1035	N	N	N	30	500	30	50	10	N	70	N
1055	N	N	N	30	500	100	50	N	100	70	20
1057	2	N	N	20	150	200	50	15	300	70	<20
1060	N	N	N	20	300	70	<50	<10	<50	70	<20

Petersburg C1--continued

0249	2	N	N	10	150	10	100	N	200	10	20
0250	2	N	N	10	100	10	50	N	200	10	<20
0251	2	N	N	10	150	10	50	N	100	20	20
0252	2	N	N	10	150	20	300	N	300	10	20
0253	N	N	N	10	150	30	100	N	100	20	<20
0261	N	N	N	10	200	100	300	N	300	10	70
0262	30	50	N	10	100	700	150	30	70	10	100
0263	50	N	N	20	150	150	150	N	50	10	70
0305	2	N	N	10	100	10	50	N	150	10	<20
0306	2	N	N	10	70	15	70	N	300	10	<20
0309	2	N	N	10	100	10	N	N	300	10	<20
0310	2	N	N	10	200	10	300	N	50	10	<20
0311	N	N	N	N	100	20	100	N	N	10	<20
0312	N	N	N	10	150	15	300	N	N	10	<20
0313	N	N	N	N	100	<10	50	N	100	N	N

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
0563	N	10	N	200	500	N	20	N	1,500	N
0564	N	20	N	500	500	N	150	N	200	N
0565	N	20	N	200	500	N	20	N	100	N
0566	N	20	N	300	700	N	300	N	>2,000	N
0567	N	10	N	N	500	N	20	N	70	N
0568	N	30	N	10,000	700	N	200	N	>2,000	N
0569	N	20	N	200	700	N	500	N	>2,000	N
0570	N	70	N	700	1,000	N	700	N	>2,000	N
0573	N	30	N	500	700	N	150	N	2,000	N
0574	N	70	N	1,000	500	N	70	700	2,000	N
0575	N	30	N	300	500	N	100	3,000	2,000	N
0576	N	10	N	200	300	N	300	N	200	N
0610	N	100	N	N	200	N	70	1,500	1,000	N
0612	N	100	N	200	300	N	70	1,500	1,000	N
0613	N	20	N	700	500	N	500	N	>2,000	N
0615	N	20	N	1,500	500	N	500	1,000	>2,000	N
0617	N	20	N	500	500	N	200	N	1,500	N
0627	N	70	N	500	300	N	150	2,000	>2,000	N
0628	N	10	N	N	200	N	N	N	N	N
0700	N	30	N	200	100	N	100	N	>2,000	N
0701	N	20	N	2,000	300	N	300	N	>10,000	N
0702	N	50	N	N	200	N	20	N	700	N
1035	N	30	N	200	200	N	<20	N	500	N
1055	N	30	N	500	300	N	100	N	>2,000	N
1057	N	30	N	500	300	N	150	<500	1,500	N
1060	N	15	N	300	150	N	70	N	1,000	N
Petersburg C1--continued										
0249	N	10	N	1,500	300	N	150	N	1,000	N
0250	N	10	N	1,000	300	N	100	N	500	N
0251	N	10	N	1,000	300	N	100	N	500	N
0252	N	20	N	1,000	500	150	300	N	1,500	N
0253	N	20	N	500	300	N	100	N	300	N
0261	N	20	150	200	1,000	200	500	N	1,500	N
0262	N	20	>2,000	500	150	200	200	N	500	N
0263	N	20	N	500	200	100	100	N	500	N
0305	N	10	N	1,000	200	N	100	N	1,000	N
0306	N	10	N	700	200	N	150	N	1,000	N
0309	N	10	N	700	200	N	100	N	2,000	N
0310	N	10	N	1,500	700	N	200	N	1,500	N
0311	N	10	N	700	200	N	100	N	200	N
0312	N	20	N	1,500	500	N	150	N	500	N
0313	N	10	N	500	200	N	100	N	1,000	N

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
0314	56 38 40	132 12 32	2.0	2.00	10.0	>2.00	1,000	1.0	N	N	20	500
0315	56 36 16	132 9 35	2.0	2.00	7.0	>2.00	500	N	N	N	<20	500
0316	56 36 16	132 9 53	2.0	2.00	7.0	>2.00	700	1.0	N	N	<20	500
0317	56 35 26	132 8 30	2.0	2.00	7.0	>2.00	700	N	N	N	<20	300
0318	56 35 22	132 8 37	2.0	1.50	7.0	1.00	700	1.0	N	N	30	300
0319	56 34 22	132 6 34	2.0	2.00	7.0	>2.00	700	N	N	N	<20	300
0320	56 34 20	132 6 41	2.0	5.00	10.0	2.00	1,000	N	3,000	N	70	2,000
0321	56 37 33	132 10 49	2.0	5.00	7.0	>2.00	1,000	N	N	N	<20	700
0322	56 34 15	132 3 0	2.0	1.50	7.0	>2.00	1,500	N	N	N	<20	300
0323	56 34 6	132 3 0	.7	.20	7.0	>2.00	500	N	N	N	<20	200
0324	56 35 9	132 3 2	1.5	.20	7.0	>2.00	700	N	N	N	<20	150
0325	56 35 0	132 2 55	2.0	1.50	10.0	>2.00	1,500	N	N	N	<20	200
0362	56 41 37	132 5 20	1.5	5.00	5.0	2.00	300	N	N	N	70	100
0363	56 41 13	132 1 29	1.5	1.50	7.0	>2.00	500	N	N	N	<20	500
0364	56 40 26	132 0 13	1.5	1.50	20.0	>2.00	700	N	N	N	<20	500
0365	56 43 12	132 1 0	1.0	1.50	20.0	2.00	1,500	N	N	N	<20	1,000
0366	56 43 57	132 3 1	2.0	.07	7.0	>2.00	1,500	N	N	N	<20	200
0367	56 41 36	132 19 5	2.0	1.50	7.0	>2.00	1,500	N	N	N	70	500
0368	56 41 32	132 19 15	5.0	1.00	7.0	>2.00	1,000	N	N	N	20	300
0369	56 42 37	132 12 8	2.0	5.00	5.0	1.00	300	N	N	N	20	50
0370	56 43 24	132 11 20	2.0	2.00	7.0	2.00	500	N	N	N	<20	300
0371	56 43 58	132 8 29	1.0	5.00	10.0	2.00	1,000	N	N	N	<20	700
0372	56 44 34	132 11 1	1.0	5.00	7.0	1.50	1,000	N	N	N	<20	500
0375	56 44 0	132 5 36	1.0	1.50	7.0	>2.00	1,000	N	N	N	<20	1,000
1005	56 35 55	132 18 49	7.0	2.00	7.0	.50	3,000	N	N	N	70	300
1006	56 38 12	132 15 45	2.0	5.00	10.0	>2.00	1,500	N	N	N	70	2,000
1007	56 39 51	132 15 53	5.0	1.50	7.0	>2.00	1,500	5.0	N	N	1,000	500
1008	56 38 41	132 11 15	1.0	2.00	10.0	>2.00	1,500	N	N	N	<20	200
1009	56 38 18	132 9 10	1.0	1.50	10.0	>2.00	1,500	N	N	N	<20	200
1010	56 38 16	132 6 32	1.0	5.00	5.0	2.00	700	N	N	N	<20	150
1011	56 37 24	132 4 52	2.0	1.50	10.0	>2.00	1,500	N	N	N	<20	300
1012	56 38 9	132 6 30	1.5	2.00	10.0	2.00	1,500	30.0	N	N	<20	200
1013	56 37 30	132 4 50	5.0	5.00	7.0	2.00	1,500	N	N	N	<20	500
1014	56 36 9	132 3 52	1.0	.50	7.0	>2.00	1,000	N	N	N	<20	200
1015	56 36 57	132 0 18	2.0	.50	7.0	>2.00	1,500	N	N	N	<20	100
1358	56 42 28	132 19 15	2.0	1.50	7.0	>2.00	700	N	N	N	20	300
1363	56 42 4	132 14 51	1.0	1.50	10.0	>2.00	1,500	N	N	N	20	300
1391	56 31 0	132 5 20	2.0	5.00	10.0	>2.00	1,500	N	N	N	20	1,000
1391A	56 31 0	132 5 20	2.0	5.00	10.0	>2.00	1,500	N	N	N	50	1,500
1392	56 38 25	132 12 20	5.0	2.00	10.0	>2.00	2,000	N	N	N	70	1,000

PETERSBURG STUDY AREA C3 ANALYSES--continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
0314	2	N	N	10	150	50	100	N	500	10	<20
0315	2	N	N	10	150	15	50	N	300	10	N
0316	2	N	N	10	200	20	50	N	500	10	N
0317	2	N	N	10	150	20	100	N	200	10	N
0318	N	N	N	30	200	100	100	N	50	30	100
0319	N	N	N	10	150	70	100	N	200	10	N
0320	2	N	N	10	100	100	70	N	150	10	N
0321	2	N	N	10	150	15	70	N	300	10	N
0322	2	N	N	10	50	30	500	20	1,500	10	N
0323	2	N	N	10	70	15	300	N	150	10	N
0324	N	N	N	10	20	100	700	20	200	10	<20
0325	N	N	N	20	100	50	1,500	70	700	20	<20
0362	N	N	N	10	50	10	200	N	150	10	N
0363	N	N	N	10	20	15	700	N	150	10	N
0364	N	N	N	20	100	200	1,500	N	150	10	N
0365	2	N	N	10	50	20	1,000	N	500	10	<20
0366	2	N	N	10	N	50	2,000	50	3,000	10	N
0367	2	N	N	10	150	50	700	N	1,000	10	N
0368	2	N	N	10	100	150	500	N	1,000	10	N
0369	N	N	N	10	70	<10	100	N	150	20	N
0370	N	N	N	30	20	20	500	N	150	150	<20
0371	N	N	N	10	20	10	500	N	300	10	N
0372	N	N	N	N	20	<10	500	N	50	10	N
0375	N	N	N	10	100	20	1,000	N	700	10	N
1005	N	N	N	10	200	10	700	N	N	50	30
1006	2	N	N	10	500	30	150	10	500	10	<20
1007	2	N	N	10	200	70	300	10	500	30	<20
1008	N	N	N	10	70	30	1,000	N	500	10	N
1009	N	N	N	10	70	30	1,500	200	200	10	N
1010	N	N	N	N	50	<10	100	N	100	10	N
1011	N	N	N	10	200	70	1,000	10	700	10	N
1012	N	N	N	10	150	20	1,000	N	150	10	N
1013	N	N	N	30	200	500	700	N	200	150	<20
1014	N	N	N	10	150	70	700	N	500	10	N
1015	N	N	N	10	20	30	1,500	N	500	10	N
1358	N	N	N	10	200	70	200	N	1,000	10	N
1363	N	N	N	10	70	20	1,500	N	300	10	N
1391	N	N	N	10	150	150	300	N	500	N	30
1391A	N	N	N	10	200	150	300	N	500	N	30
1392	N	N	N	10	150	150	150	N	200	N	20

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
0314	N	10	N	500	1,000	200	500	N	>2,000	N
0315	N	10	N	200	1,000	<100	300	N	1,000	N
0316	N	10	N	200	700	<100	300	N	500	N
0317	N	10	N	200	700	100	300	N	2,000	N
0318	N	30	N	700	200	200	100	N	200	N
0319	N	10	N	300	500	N	300	N	1,500	N
0320	N	10	N	300	500	2,000	300	N	2,000	N
0321	N	10	N	300	500	N	300	N	700	N
0322	N	10	20	300	500	N	700	N	>2,000	N
0323	N	20	N	300	300	N	500	N	>2,000	300
0324	N	50	50	500	150	<100	500	N	>2,000	700
0325	N	30	50	700	700	N	700	N	>2,000	200
0362	N	10	N	N	200	N	150	N	2,000	N
0363	N	10	N	700	500	N	700	N	>2,000	200
0364	N	30	N	700	200	N	700	N	>2,000	<200
0365	N	10	N	2,000	300	N	500	N	>2,000	1,000
0366	N	10	N	N	500	N	1,500	N	2,000	N
0367	N	10	N	300	500	N	700	N	>2,000	500
0368	N	10	N	500	700	5,000	500	N	>2,000	N
0369	N	10	N	N	100	N	70	N	1,000	2,000
0370	N	10	N	200	200	N	500	N	>2,000	500
0371	N	10	N	500	300	N	500	N	>2,000	N
0372	N	10	N	500	150	N	300	N	>2,000	200
0375	N	10	N	500	500	N	700	N	>2,000	N
1005	N	70	N	1,000	700	N	150	<500	700	N
1006	N	20	N	1,000	1,000	N	300	N	2,000	N
1007	N	10	20	1,000	500	500	200	N	>2,000	N
1008	N	10	N	500	500	N	500	N	>2,000	N
1009	N	10	N	700	500	100	500	N	>2,000	N
1010	N	10	N	N	200	N	150	N	>2,000	N
1011	N	10	50	700	500	100	1,000	N	>2,000	N
1012	N	10	N	200	500	N	700	N	>2,000	1,000
1013	N	20	20	500	300	N	300	N	>2,000	1,500
1014	N	10	30	500	700	200	700	N	>2,000	N
1015	N	10	70	500	700	N	1,000	N	>2,000	N
1358	N	10	20	500	500	150	500	N	1,500	N
1363	N	10	20	500	300	N	1,000	N	>2,000	700
1391	N	10	2,000	200	1,500	700	1,000	N	>2,000	N
1391A	N	10	1,500	500	1,500	200	1,000	N	>2,000	N
1392	N	10	50	1,000	700	N	1,000	N	>2,000	N

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
1393	56 39 42	132 9 55	5.0	20.00	10.0	.70	1,500	N	N	N	70	500
1394	56 40 53	132 9 38	5.0	20.00	7.0	.30	1,500	N	N	N	100	300
1395	56 39 35	132 3 30	2.0	2.00	10.0	>2.00	1,500	N	N	N	<20	500
					Petersburg C2--continued							
0242	56 30 37	132 35 23	2.0	1.00	5.0	>2.00	1,500	N	N	N	70	500
0243	56 30 0	132 34 29	2.0	2.00	7.0	>2.00	1,500	N	N	N	20	300
0244	56 32 3	132 33 44	2.0	1.00	5.0	>2.00	1,500	N	N	N	70	500
0245	56 32 45	132 32 50	1.5	.50	2.0	1.00	500	N	N	N	20	300
0246	56 32 59	132 31 38	2.0	.70	5.0	2.00	1,000	N	N	N	50	300
0247	56 32 41	132 31 29	2.0	.70	2.0	>2.00	700	N	N	N	50	300
0307	56 32 57	132 21 26	1.0	.50	2.0	2.00	200	N	N	N	20	200
0308	56 34 28	132 21 47	2.0	1.00	5.0	>2.00	700	N	N	N	200	300
0328	56 33 21	132 38 44	2.0	.15	2.0	>2.00	200	N	N	N	50	150
0329	56 33 58	132 35 48	7.0	.20	7.0	>2.00	500	N	N	N	50	300
0330	56 34 28	132 34 10	7.0	1.00	10.0	>2.00	1,500	N	N	N	20	150
0331	56 35 53	132 32 57	2.0	.70	7.0	>2.00	1,000	N	N	N	100	300
0332	56 36 42	132 34 47	2.0	.70	7.0	>2.00	1,500	N	N	N	500	200
0333	56 36 34	132 35 50	2.0	.10	7.0	>2.00	1,000	N	N	N	N	N
0334	56 37 15	132 36 23	1.0	.70	.5	.50	500	N	N	N	50	70
0335	56 38 15	132 37 30	2.0	1.00	2.0	1.50	1,500	1.0	N	N	70	200
0336	56 38 39	132 37 55	2.0	1.00	5.0	>2.00	1,000	1.0	N	N	70	300
0337	56 39 35	132 38 37	2.0	1.00	2.0	>2.00	1,000	1.0	N	N	70	300
0338	56 40 20	132 38 48	5.0	1.50	5.0	>2.00	1,500	N	N	N	70	500
1354	56 44 41	132 25 35	1.0	1.00	5.0	>2.00	300	N	N	N	20	1,000
1355	56 44 54	132 23 35	1.0	.70	5.0	>2.00	300	N	N	N	<20	150
1356	56 42 40	132 29 38	1.0	1.50	7.0	>2.00	1,000	N	N	N	20	300
1357	56 42 45	132 26 42	2.0	1.00	7.0	>2.00	1,000	N	N	N	20	300
1359	56 40 23	132 25 34	1.0	1.00	7.0	>2.00	700	N	N	N	50	300
1360	56 39 54	132 22 0	2.0	1.50	7.0	>2.00	1,500	N	N	N	50	150
1361	56 40 21	132 25 21	2.0	1.50	7.0	>2.00	1,500	N	N	N	70	500
1362	56 39 52	132 30 6	2.0	1.00	7.0	>2.00	1,500	N	N	N	70	300
1364	56 38 7	132 28 41	1.5	1.00	5.0	>2.00	1,000	N	N	N	<20	150
1365	56 37 26	132 32 45	2.0	.70	7.0	>2.00	1,000	N	N	N	70	300
					Petersburg C3--continued							
0169	56 33 55	132 57 25	2.0	.70	5.0	>2.00	1,500	N	N	N	150	2,000
0171	56 32 28	132 57 13	2.0	1.00	7.0	>2.00	1,500	N	N	N	50	700
0172	56 31 26	132 54 7	7.0	.70	7.0	>2.00	1,500	N	N	N	20	200
0173	56 31 20	132 52 29	5.0	2.00	7.0	>2.00	1,500	N	N	N	20	100
0174	56 30 35	132 52 30	2.0	1.00	5.0	>2.00	1,500	N	N	N	70	1,500

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
1393	N	N	N	20	150	15	150	N	N	70	<20
1394	N	N	N	10	150	<10	N	N	N	70	N
1395	N	N	N	10	100	30	2,000	N	300	N	N
					Petersburg C2--continued						
0242	2	N	N	10	100	10	500	N	500	10	<20
0243	2	N	N	10	100	20	700	N	1,000	10	700
0244	2	N	N	10	150	10	150	N	300	10	<20
0245	2	N	N	10	70	<10	50	N	70	10	N
0246	2	N	N	10	70	10	50	N	100	10	<20
0247	2	N	N	10	70	15	200	N	300	10	N
0307	2	N	N	10	70	10	N	N	200	10	N
0308	2	N	N	10	150	20	N	N	500	10	<20
0328	2	N	N	10	70	20	N	N	700	10	N
0329	N	N	N	10	100	50	150	N	1,000	10	N
0330	2	N	N	10	100	100	150	N	1,000	10	<20
0331	2	N	N	10	150	30	150	N	1,000	10	N
0332	N	N	N	10	100	50	150	N	2,000	10	<20
0333	N	N	N	10	70	50	200	N	1,000	10	N
0334	N	N	N	10	70	10	N	N	50	10	N
0335	N	N	N	10	100	10	N	N	100	10	<20
0336	N	N	N	10	100	20	100	N	1,000	10	<20
0337	N	N	N	10	100	20	100	N	500	10	<20
0338	2	N	N	10	150	20	150	N	200	10	<20
1354	N	N	N	10	100	20	50	N	700	10	N
1355	N	N	N	10	150	20	150	N	500	10	N
1356	N	N	N	10	70	20	300	N	500	10	N
1357	N	N	N	10	20	15	200	N	500	10	20
1359	N	N	N	10	20	15	300	N	1,000	10	N
1360	N	N	N	10	70	150	700	N	1,000	10	N
1361	N	N	N	10	20	30	700	N	1,500	10	N
1362	N	N	N	10	100	50	200	N	2,000	10	N
1364	N	N	N	10	20	20	100	N	300	10	N
1365	N	N	N	10	70	30	200	N	1,000	10	N
					Petersburg C3--continued						
0169	2	N	N	20	70	200	300	N	1,000	10	N
0171	2	N	N	10	70	20	300	N	1,000	10	N
0172	2	N	N	30	50	150	300	N	1,500	10	<20
0173	2	N	N	20	500	100	100	N	1,000	10	<20
0174	2	N	N	10	100	100	150	N	700	10	<20

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
1393	N	10	N	200	500	N	70	N	>2,000	200
1394	N	10	N	N	300	N	20	N	100	N
1395	N	10	50	700	700	100	1,500	N	>2,000	700
				Petersburg C2--continued						
0242	N	10	N	1,000	300	N	300	N	1,000	N
0243	N	10	30	1,000	300	N	500	N	2,000	N
0244	N	10	N	700	300	N	200	1,000	1,500	N
0245	N	10	N	200	200	N	50	N	1,500	N
0246	N	10	N	1,000	300	N	100	N	2,000	N
0247	N	10	N	500	300	N	200	N	>2,000	N
0307	N	10	N	200	200	N	100	<500	200	N
0308	N	10	150	500	500	N	200	N	2,000	N
0328	N	10	N	N	300	N	300	N	2,000	N
0329	N	10	N	200	500	N	1,000	N	>2,000	N
0330	N	10	N	200	500	N	500	N	>2,000	N
0331	N	10	N	200	500	N	500	N	>2,000	N
0332	N	10	50	200	500	N	1,500	N	>2,000	N
0333	N	10	N	N	500	N	1,500	N	>2,000	N
0334	N	10	N	N	200	N	20	N	700	N
0335	N	10	N	200	500	N	50	N	1,500	N
0336	N	10	N	200	500	N	500	N	>2,000	N
0337	N	10	N	200	300	N	200	N	2,000	N
0338	N	10	N	500	500	N	200	N	1,500	N
1354	N	10	N	200	500	150	200	500	2,000	N
1355	N	10	20	200	500	<100	500	N	>2,000	700
1356	N	10	20	500	300	<100	500	N	>2,000	N
1357	N	10	N	1,500	200	N	200	500	2,000	N
1359	N	10	20	500	300	N	500	N	>2,000	N
1360	N	10	30	500	500	100	700	N	>2,000	N
1361	N	10	30	500	500	200	500	N	>2,000	200
1362	N	10	20	500	500	100	1,000	N	2,000	N
1364	N	10	20	300	100	N	200	N	>2,000	N
1365	N	10	N	500	300	N	700	N	>2,000	N
				Petersburg C3--continued						
0169	N	10	N	700	500	N	1,000	N	>2,000	N
0171	N	10	N	700	500	N	1,000	N	>2,000	N
0172	N	10	N	500	500	100	1,500	N	>2,000	N
0173	N	20	N	500	500	100	500	N	2,000	N
0174	N	10	N	500	500	N	500	N	>2,000	N

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
0175	56 30 5	132 49 10	2.0	.50	7.0	>2.00	1,500	N	N	N	20	50
0204	56 35 18	132 59 10	5.0	.70	7.0	>2.00	1,500	N	N	N	100	1,000
0205	56 34 33	132 58 50	7.0	1.00	5.0	>2.00	1,500	N	N	N	500	2,000
0225	56 32 3	132 59 27	5.0	1.00	5.0	>2.00	1,500	N	N	N	20	300
0326	56 32 22	132 40 43	2.0	.50	7.0	>2.00	700	N	N	N	20	300
0327	56 32 47	132 40 5	7.0	1.00	7.0	>2.00	1,500	N	N	N	50	300
0339	56 39 59	132 40 35	2.0	1.00	3.0	>2.00	700	N	N	N	70	300
0340	56 41 45	132 42 51	7.0	.70	7.0	>2.00	1,000	N	N	N	70	1,000
0341	56 43 0	132 44 33	2.0	1.00	5.0	>2.00	1,000	N	N	N	70	700
0376	56 32 12	132 45 33	2.0	1.00	5.0	>2.00	1,500	N	N	N	70	500
0377	56 32 8	132 45 25	2.0	1.00	3.0	2.00	1,500	N	N	N	70	1,000
0378	56 32 43	132 48 12	2.0	1.00	7.0	>2.00	1,500	N	N	N	50	500
0379	56 32 33	132 48 16	2.0	1.00	5.0	>2.00	1,500	N	N	N	70	500
0380	56 32 28	132 48 28	5.0	1.00	7.0	>2.00	1,500	N	N	N	70	700
0381	56 33 45	132 50 5	5.0	.50	10.0	>2.00	1,500	N	N	N	20	700
0382	56 34 28	132 46 10	2.0	1.00	5.0	>2.00	1,000	N	N	N	70	500
0383	56 35 1	132 44 0	1.0	.30	1.5	2.00	200	N	N	N	<20	150
0384	56 35 10	132 44 0	1.0	.50	2.0	2.00	300	N	N	N	20	200
0385	56 35 48	132 45 34	15.0	1.50	10.0	>2.00	1,500	N	N	N	700	700
0386	56 36 37	132 49 2	5.0	2.00	20.0	>2.00	2,000	N	N	N	100	1,500
0387	56 37 20	132 53 3	2.0	1.00	5.0	>2.00	1,000	N	N	N	70	1,000
0388	56 37 15	132 53 15	5.0	1.00	1.0	>2.00	1,500	N	N	N	70	1,000
0389	56 37 38	132 55 25	5.0	1.00	10.0	>2.00	1,500	N	N	N	70	1,000
0390	56 37 9	132 57 13	5.0	1.50	10.0	>2.00	1,500	N	N	N	150	700
0391	56 33 35	132 58 8	5.0	1.50	20.0	>2.00	2,000	N	N	N	100	700
0392	56 38 46	132 57 16	2.0	1.00	7.0	>2.00	1,500	N	N	N	500	1,000
0393	56 40 50	132 53 44	2.0	1.00	20.0	>2.00	1,500	N	N	N	100	1,500
0394	56 38 43	132 53 28	5.0	1.00	10.0	>2.00	1,500	N	N	N	100	500
0395	56 41 0	132 50 10	5.0	1.00	10.0	>2.00	1,500	N	N	N	100	500
0396	56 41 54	132 48 40	5.0	1.00	7.0	>2.00	1,500	N	N	N	70	1,500
0397	56 41 55	132 48 50	2.0	1.00	20.0	>2.00	1,500	N	N	N	50	500
0979	56 34 8	132 58 31	1.5	.70	2.0	1.50	500	N	N	N	<20	150
0980	56 33 12	132 57 55	5.0	1.00	5.0	1.50	1,000	N	N	N	20	200
0981	56 32 47	132 59 50	2.0	1.00	5.0	2.00	1,000	N	N	N	<20	200
0982	56 32 41	132 59 45	2.0	.70	5.0	2.00	700	N	N	N	<20	300
0997	56 36 50	132 59 28	2.0	.70	10.0	>2.00	1,500	N	N	N	50	1,000
0998	56 42 9	132 57 21	2.0	1.00	7.0	>2.00	1,500	N	N	N	70	500
0999	56 41 10	132 57 9	5.0	1.00	7.0	>2.00	1,500	N	N	N	70	500
1000	56 43 29	132 57 20	2.0	.70	7.0	>2.00	1,500	N	N	N	50	500
1288	56 42 33	132 55 55	5.0	1.50	10.0	>2.00	1,500	N	N	N	150	5,000
1294	56 41 16	132 43 59	2.0	1.50	7.0	>2.00	1,500	N	N	N	70	700
1296	56 40 56	132 43 15	5.0	1.50	10.0	>2.00	1,500	N	N	N	100	1,000
1298	56 41 1	132 43 15	2.0	.70	10.0	>2.00	2,000	N	N	N	20	500
1300	56 39 4	132 46 33	2.0	.50	10.0	>2.00	2,000	N	N	N	20	200
1301	56 38 15	132 40 18	2.0	.70	7.0	>2.00	1,500	N	N	N	70	1,000

PETERSBURG STUDY AREA C3 ANALYSES--continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
0175	N	N	N	10	20	50	100	N	2,000	10	<20
0204	2	N	N	30	100	150	100	N	1,000	20	50
0205	2	N	N	30	100	150	150	N	1,000	20	20
0225	N	N	N	50	30	100	150	N	500	10	<20
0326	2	N	N	10	70	20	100	N	500	10	N
0327	2	N	N	20	150	50	100	N	500	50	<20
0339	2	N	N	10	150	20	100	N	500	10	<20
0340	2	N	N	10	150	150	150	N	1,000	10	<20
0341	2	N	N	10	150	50	150	N	500	10	20
0376	2	N	N	10	50	20	100	N	1,000	10	N
0377	2	N	N	10	70	10	N	N	1,500	10	N
0378	2	N	N	10	70	20	50	N	700	10	N
0379	2	N	N	10	70	50	50	N	1,000	10	N
0380	2	N	N	10	150	50	70	N	1,500	10	<20
0381	N	N	N	10	50	10	50	N	150	10	20
0382	2	N	N	10	70	20	50	N	500	10	N
0383	N	N	N	10	70	10	N	N	300	10	N
0384	N	N	N	10	50	10	N	N	300	10	N
0385	2	N	N	100	200	150	200	N	1,500	10	150
0386	2	N	N	10	150	150	200	N	1,000	10	70
0387	2	N	N	10	150	10	70	N	1,000	10	<20
0388	2	N	N	10	150	70	700	N	2,000	10	50
0389	2	N	N	10	150	100	1,000	N	2,000	10	<20
0390	2	N	N	10	150	150	1,000	N	1,000	10	20
0391	2	N	N	30	150	150	200	N	1,500	10	30
0392	2	N	N	30	100	30	100	N	1,000	10	200
0393	2	N	N	20	200	50	500	N	1,500	10	50
0394	2	N	N	20	150	50	300	N	1,500	10	N
0395	2	N	N	20	150	100	300	N	1,000	10	N
0396	2	N	N	20	200	50	300	N	1,000	10	N
0397	2	N	N	20	150	50	500	N	700	10	20
0979	N	N	N	<10	100	10	50	N	150	20	N
0980	N	N	N	30	150	150	50	N	100	10	N
0981	N	N	N	10	70	150	N	N	70	20	20
0982	N	N	N	10	70	20	N	N	70	10	N
0997	2	N	N	20	100	200	300	N	1,000	10	100
0998	2	N	N	20	100	50	300	N	1,500	10	20
0999	2	N	N	20	150	150	300	N	1,500	10	20
1000	2	N	N	10	150	50	100	N	1,000	10	<20
1288	2	N	N	10	500	150	300	N	1,000	10	20
1294	2	N	N	10	500	150	300	N	700	10	20
1296	2	N	N	10	150	50	700	N	150	20	<20
1298	2	N	N	10	150	150	200	N	2,000	10	<20
1300	2	N	N	10	150	100	300	N	2,000	10	N
1301	2	N	N	10	200	100	100	N	1,500	10	N

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
0175	N	10	30	300	700	N	1,500	N	1,500	N
0204	N	10	N	1,000	700	N	1,000	N	2,000	N
0205	N	10	N	500	700	N	1,000	N	2,000	N
0225	N	10	N	300	300	<100	500	N	2,000	N
0326	N	10	N	N	300	N	300	N	>2,000	N
0327	N	10	N	1,000	300	N	300	N	>2,000	N
0339	N	10	N	200	500	N	300	N	2,000	N
0340	N	10	N	200	700	N	1,000	N	>2,000	N
0341	N	10	N	700	500	N	500	N	2,000	N
0376	N	10	N	500	300	N	300	N	>2,000	N
0377	N	10	N	700	300	N	100	N	1,500	N
0378	N	10	N	700	500	N	500	N	1,500	N
0379	N	10	N	1,000	500	N	500	N	>2,000	N
0380	N	10	N	2,000	700	N	1,000	N	>2,000	N
0381	N	10	N	2,000	300	N.	700	N	2,000	N
0382	N	10	N	700	300	N	300	N	2,000	N
0383	N	10	N	N	300	N	150	N	1,500	N
0384	N	10	N	N	200	N	150	N	>2,000	N
0385	N	20	N	5,000	300	N	500	N	>2,000	N
0386	N	20	N	10,000	500	N	500	N	>2,000	N
0387	N	10	N	200	500	N	300	N	>2,000	N
0388	N	10	N	2,000	500	N	1,000	N	2,000	N
0389	N	20	N	2,000	500	N	700	N	>2,000	N
0390	N	10	N	10,000	500	N	700	N	>2,000	N
0391	N	10	N	10,000	300	N	500	N	2,000	N
0392	N	10	N	700	300	N	200	N	>2,000	N
0393	N	20	N	10,000	500	N	500	N	>2,000	200
0394	N	20	N	5,000	500	N	500	N	>2,000	N
0395	N	10	N	5,000	500	N	500	N	>2,000	N
0396	N	20	N	5,000	500	N	500	N	>2,000	N
0397	N	10	N	5,000	300	N	300	N	>2,000	N
0979	N	15	N	200	200	N	150	N	1,500	N
0980	N	15	N	500	200	N	150	N	700	N
0981	N	15	N	500	200	N	100	N	200	N
0982	N	20	N	200	300	N	70	N	300	N
0997	N	150	N	1,500	500	N	500	N	>2,000	N
0998	N	200	N	1,500	500	N	500	N	>2,000	N
0999	N	200	N	1,500	500	150	500	N	>2,000	N
1000	N	200	N	1,000	500	N	500	N	>2,000	N
1288	N	30	N	10,000	700	N	500	N	>2,000	N
1294	N	30	N	10,000	500	N	500	N	>2,000	N
1296	N	10	N	700	500	N	700	N	1,000	N
1298	N	10	20	500	700	N	1,500	N	>2,000	N
1300	N	10	20	200	1,000	N	2,000	N	>2,000	N.
1301	N	10	N	500	700	N	1,000	N	>2,000	N

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
1302	56 39 5	132 46 46	2.0	.70	10.0	>2.00	1,500	N	N	N	70	500
1303	56 38 18	132 40 34	5.0	.70	20.0	>2.00	2,000	N	N	N	70	200
1304	56 43 16	132 54 30	5.0	1.00	10.0	>2.00	1,500	N	N	N	70	500
					Petersburg C4--continued							
0177	56 40 18	133 14 22	15.0	1.00	5.0	2.00	700	7.0	N	N	70	>10,000
0178	56 40 18	133 15 30	10.0	1.50	7.0	.70	1,500	1.0	N	N	20	10,000
0178A	56 40 18	133 15 30	7.0	.20	2.0	1.00	500	N	N	N	20	>10,000
0179	56 38 40	133 13 40	2.0	1.50	7.0	>2.00	1,500	N	N	N	70	2,000
0180	56 37 25	133 12 20	2.0	1.50	7.0	>2.00	1,500	N	N	N	70	1,000
0181	56 37 37	133 14 28	2.0	.50	5.0	.70	500	N	N	N	20	300
0182	56 37 37	133 14 48	1.0	1.50	7.0	>2.00	1,500	N	N	N	200	700
0183	56 37 0	133 15 26	1.0	1.50	7.0	>2.00	2,000	N	N	N	100	700
0184	56 37 9	133 15 34	1.5	.10	5.0	2.00	500	N	N	N	150	300
0185	56 36 0	133 14 50	10.0	1.50	7.0	2.00	2,000	N	N	N	70	500
0186	56 35 0	133 13 50	2.0	1.00	7.0	>2.00	1,500	N	N	N	50	500
0187	56 38 55	133 19 0	7.0	2.00	7.0	1.00	1,500	2.0	N	N	70	300
0188	56 39 10	133 19 7	2.0	1.00	7.0	>2.00	1,500	N	N	N	70	500
0199	56 41 25	133 9 0	10.0	.70	7.0	1.50	1,000	7.0	N	N	70	2,000
0200	56 38 56	133 4 27	7.0	1.00	7.0	1.50	1,000	N	N	N	70	>10,000
0201	56 38 51	133 4 18	15.0	1.00	5.0	1.50	1,000	N	N	N	70	>10,000
0202	56 38 7	133 3 30	15.0	1.00	2.0	1.50	500	N	N	N	150	>10,000
0203	56 35 25	133 1 30	7.0	.70	7.0	>2.00	1,500	N	N	N	70	2,000
0206	56 41 30	133 14 0	10.0	5.00	7.0	2.00	2,000	N	N	N	100	5,000
0207	56 44 12	133 15 22	20.0	1.00	10.0	>2.00	1,000	10.0	N	N	70	10,000
0208	56 44 3	133 16 34	7.0	1.50	7.0	>2.00	1,000	N	N	N	70	1,500
0211	56 44 8	133 19 8	5.0	1.00	7.0	>2.00	1,500	N	N	N	70	1,000
0222	56 34 46	133 3 10	3.0	.70	5.0	>2.00	1,500	N	N	N	20	700
0223	56 34 0	133 4 0	7.0	1.50	5.0	>2.00	1,500	N	2,000	N	20	5,000
0224	56 31 6	133 1 45	5.0	1.50	7.0	>2.00	1,500	2.0	N	N	20	1,500
0408	56 44 48	133 12 35	5.0	1.00	10.0	>2.00	1,500	N	N	N	50	700
0412	56 36 4	133 9 4	7.0	1.50	7.0	>2.00	1,500	7.0	N	N	70	10,000
0413	56 33 1	133 5 45	7.0	2.00	50.0	>2.00	3,000	100.0	N	N	70	10,000
0414	56 32 5	133 8 12	2.0	1.50	7.0	>2.00	1,500	N	N	N	20	700
0415	56 32 7	133 7 58	10.0	1.00	7.0	>2.00	2,000	2.0	1,500	N	50	700
0416	56 31 48	133 8 32	7.0	1.50	1.0	>2.00	2,000	N	N	N	70	1,000
0417	56 30 18	133 8 11	7.0	1.00	5.0	>2.00	1,000	N	N	N	50	500
0914	56 32 40	133 11 0	10.0	2.00	10.0	>2.00	2,000	N	N	N	50	500
0915	56 32 55	133 14 5	7.0	2.00	7.0	>2.00	1,500	N	<500	N	70	500
0916	56 33 20	133 11 2	7.0	2.00	7.0	>2.00	1,500	N	N	N	20	300

PETERSBURG STUDY AREA C3 ANALYSES--continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
1302	2	N	N	10	200	70	150	N	1,000	10	<20
1303	2	N	N	10	150	100	500	N	500	10	<20
1304	2	N	N	10	150	100	700	N	500	10	<20
					Petersburg C4--continued						
0177	N	N	70	70	50	500	50	N	100	300	150
0178	<2	N	N	30	150	100	50	<10	N	70	70
0178A	N	N	N	10	N	200	50	N	50	50	20
0179	2	N	N	10	100	50	500	N	700	10	20
0180	2	N	N	10	70	50	300	N	300	10	20
0181	5	N	N	N	N	<10	50	N	50	10	N
0182	2	N	N	10	100	50	200	N	500	10	20
0183	2	N	N	10	100	50	500	N	700	10	20
0184	2	N	N	10	N	<10	200	N	70	10	<20
0185	2	N	N	20	100	20	50	N	100	20	<20
0186	2	N	N	10	70	20	500	N	500	10	<20
0187	2	N	70	30	150	30	50	N	N	20	20
0188	2	N	N	10	70	30	150	N	500	10	20
0199	2	N	N	50	70	200	100	N	100	200	100
0200	2	N	N	50	200	150	100	N	50	100	50
0201	N	N	N	70	150	150	50	N	50	200	70
0202	2	N	N	100	150	300	50	N	100	500	50
0203	2	N	N	30	70	150	200	N	700	20	20
0206	2	N	N	30	200	30	N	N	50	100	50
0207	2	N	N	30	70	300	300	N	500	500	200
0208	2	N	N	70	100	100	150	N	700	20	20
0211	2	N	N	20	100	100	300	N	1,000	20	20
0222	N	N	N	20	70	50	200	N	1,000	10	N
0223	N	N	N	50	100	150	300	N	1,000	10	N
0224	N	N	N	30	50	150	500	N	1,000	10	50
0408	2	N	N	10	70	150	200	N	500	10	<20
0412	<2	N	N	70	200	300	200	N	100	70	50
0413	2	N	N	20	150	300	500	N	500	10	200
0414	2	N	N	10	150	150	300	N	700	10	70
0415	2	N	N	20	70	200	500	20	700	50	150
0416	2	N	N	20	100	150	200	N	500	10	150
0417	2	N	N	10	70	200	200	15	700	10	50
0914	20	N	N	10	150	150	300	N	700	10	70
0915	2	N	N	10	150	500	300	N	700	10	70
0916	N	N	N	10	200	50	150	N	200	10	20

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
1302	N	10	N	500	700	N	1,000	N	>2,000	N
1303	N	10	30	300	700	N	1,500	N	2,000	N
1304	N	20	N	1,000	500	N	700	N	2,000	N
				Petersburg C4--continued						
0177	N	10	N	1,000	150	N	200	5,000	>2,000	N
0178	N	30	N	1,000	300	N	100	N	200	N
0178A	N	10	N	10,000	50	N	70	1,500	2,000	N
0179	N	10	N	1,500	500	N	500	N	>2,000	N
0180	N	10	N	1,500	300	N	500	N	>2,000	N
0181	N	10	N	700	150	N	20	N	150	N
0182	N	10	N	1,500	300	N	300	N	>2,000	N
0183	N	10	70	1,500	300	N	500	N	>2,000	N
0184	N	10	N	700	300	N	200	N	300	N
0185	N	10	N	1,000	500	N	300	N	200	N
0186	N	10	N	700	500	N	1,500	N	>2,000	N
0187	N	10	N	1,500	300	N	50	3,000	500	N
0188	N	10	N	1,000	300	N	500	N	>2,000	N
0199	N	10	N	1,000	500	N	200	1,500	500	N
0200	N	20	N	2,000	300	N	200	<500	1,500	N
0201	N	10	N	1,000	300	N	150	500	2,000	N
0202	N	20	N	500	300	N	150	500	2,000	N
0203	N	10	N	500	700	N	1,000	N	>2,000	N
0206	N	30	N	1,500	1,000	N	70	500	500	N
0207	N	10	N	1,000	300	N	700	2,000	>2,000	N
0208	N	10	N	700	700	N	500	N	>2,000	N
0211	N	20	N	1,000	700	N	500	N	>2,000	N
0222	N	10	N	500	500	100	1,000	N	2,000	N
0223	N	10	N	500	500	150	1,000	N	>2,000	N
0224	N	30	30	200	500	150	1,000	N	>2,000	200
0408	N	10	N	1,500	500	N	500	N	>2,000	N
0412	N	30	N	1,000	300	N	500	N	>2,000	N
0413	200	20	N	5,000	500	N	1,000	N	>2,000	N
0414	N	10	N	700	500	N	700	N	>2,000	N
0415	N	10	N	1,500	500	N	1,500	N	>2,000	N
0416	N	20	30	2,000	300	N	500	500	>2,000	N
0417	N	10	N	1,000	500	N	500	500	>2,000	N
0914	N	30	300	2,000	500	N	500	N	>2,000	N
0915	N	30	200	1,500	500	N	500	N	>2,000	N
0916	N	20	N	1,500	500	N	200	N	>2,000	N

PETERSBURG STUDY AREA C3 ANALYSES--continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
0917	56 33 4	133 14 3	20.0	10.00	10.0	2.00	10,000	N	N	N	70	300
0918	56 34 15	133 12 40	7.0	2.00	7.0	>2.00	1,500	N	N	N	70	300
0919	56 32 25	133 15 45	7.0	1.50	10.0	>2.00	2,000	N	N	N	70	500
0922	56 36 3	133 11 39	7.0	2.00	5.0	1.50	1,500	N	N	N	20	200
0923	56 30 5	133 11 55	5.0	1.50	5.0	1.50	1,500	N	N	N	20	200
0925	56 36 10	133 16 10	7.0	1.50	5.0	2.00	1,500	N	N	N	70	200
0949	56 32 35	133 3 15	2.0	.70	7.0	>2.00	1,500	N	N	N	20	2,000
0950	56 34 10	133 4 8	5.0	.20	2.0	>2.00	1,500	15.0	N	N	20	1,000
1276	56 41 15	133 1 2	5.0	1.50	20.0	>2.00	1,500	N	N	N	100	1,000
1277	56 41 6	133 1 14	2.0	1.50	20.0	>2.00	1,500	N	N	N	100	700
1279	56 38 30	133 15 51	5.0	1.50	5.0	2.00	700	N	N	N	<20	300
1279A	56 38 30	133 15 51	2.0	1.00	7.0	>2.00	1,500	N	N	N	70	500
1280	56 39 47	133 15 28	5.0	2.00	20.0	>2.00	2,000	N	N	N	100	10,000
1281	56 40 0	133 6 11	15.0	.70	20.0	2.00	1,500	N	N	N	100	>10,000
1282	56 42 53	133 11 25	2.0	.70	10.0	>2.00	700	N	N	N	70	5,000
1283	56 43 46	133 11 13	5.0	1.00	20.0	>2.00	1,500	70.0	N	N	100	>10,000
1284	56 42 25	133 7 45	5.0	1.50	20.0	>2.00	1,500	N	N	N	100	5,000
1285	56 43 53	133 8 59	20.0	1.50	20.0	>2.00	1,500	N	N	N	100	2,000
1286	56 41 44	133 4 6	5.0	1.50	20.0	>2.00	2,000	N	N	N	150	10,000
1287	56 42 5	133 5 0	5.0	5.00	50.0	>2.00	2,000	N	N	N	100	5,000
1289	56 41 36	133 3 20	5.0	2.00	20.0	>2.00	2,000	N	N	N	150	1,500
1291	56 41 47	133 3 15	5.0	2.00	20.0	>2.00	1,500	N	N	N	100	1,500
1367	56 35 0	133 2 0	2.0	.50	5.0	>2.00	1,500	N	N	N	20	200
1368	56 31 55	133 2 58	10.0	1.00	2.0	>2.00	1,500	N	N	N	20	10,000
		Petersburg C5--continued										
0189	56 39 2	133 22 26	7.0	1.50	7.0	.70	1,500	N	N	N	<20	200
0189A	56 39 2	133 22 26	7.0	2.00	5.0	>2.00	2,000	N	N	N	70	5,000
0190	56 39 38	133 25 20	7.0	1.50	7.0	1.00	1,500	N	N	N	30	200
0190A	56 39 38	133 25 20	7.0	1.50	10.0	>2.00	1,500	N	N	N	100	1,500
0191	56 39 45	133 25 26	7.0	2.00	7.0	1.00	1,500	N	N	N	70	200
0191A	56 39 45	133 25 26	2.0	1.50	7.0	>2.00	1,500	N	N	N	50	1,000
0192	56 41 0	133 23 55	7.0	1.50	7.0	>2.00	2,000	N	N	N	50	700
0193	56 40 54	133 23 48	5.0	1.00	7.0	>2.00	1,500	N	N	N	70	700
0194	56 40 56	133 26 0	7.0	2.00	7.0	>2.00	2,000	N	N	N	70	700
0195	56 41 4	133 25 50	2.0	1.50	7.0	>2.00	1,500	N	N	N	70	1,000
0196	56 40 43	133 28 50	7.0	2.00	7.0	>2.00	1,500	N	N	N	70	500
0197	56 40 15	133 28 40	7.0	1.00	10.0	>2.00	2,000	N	N	N	50	500
0198	56 40 45	133 21 56	5.0	1.50	10.0	>2.00	1,500	N	N	N	70	1,000
0210	56 44 2	133 20 9	2.0	1.50	5.0	>2.00	1,500	N	N	N	70	1,500
0212	56 43 47	133 20 5	2.0	1.00	5.0	>2.00	1,000	N	N	N	50	500

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
0917	2	N	N	50	200	50	100	N	N	70	50
0918	2	N	N	10	500	20	300	N	700	10	<20
0919	7	N	N	10	150	200	1,000	N	500	10	70
0922	N	N	N	30	150	200	70	N	100	70	20
0923	N	N	N	10	150	10	N	N	100	10	20
0925	2	N	N	10	150	10	50	N	100	10	N
0949	2	N	N	10	50	100	200	N	1,000	10	<20
0950	2	N	100	20	20	200	100	N	500	10	200
1276	2	N	N	10	200	150	300	N	1,000	10	50
1277	2	N	N	10	200	150	300	N	500	10	50
1279	N	N	N	10	200	10	100	N	100	20	<20
1279A	N	N	N	10	70	150	300	N	700	N	70
1280	2	N	N	10	200	150	700	N	1,000	10	70
1281	2	N	150	50	150	300	700	N	200	200	70
1292	2	N	N	10	100	30	200	N	150	10	<20
1283	2	N	N	50	200	200	1,000	N	500	10	5,000
1284	2	N	N	10	200	150	700	N	500	10	300
1285	2	N	N	70	150	150	300	N	200	500	150
1286	2	N	N	10	200	150	700	N	1,000	10	100
1287	2	N	N	20	1,000	200	1,000	N	1,000	10	70
1289	2	N	N	10	300	200	1,000	N	1,000	10	70
1291	2	N	N	10	500	150	300	N	700	10	50
1367	N	N	N	10	50	20	100	N	1,000	10	N
1363	N	N	N	30	200	150	50	N	200	70	100

Petersburg C5--continued

0189	5	N	N	30	150	20	100	N	N	30	20
0189A	2	N	N	20	100	150	150	N	500	N	20
0190	2	N	N	30	200	10	50	N	N	30	20
0190A	N	N	N	30	100	150	500	10	700	N	50
0191	2	N	N	30	300	15	50	N	N	30	20
0191A	N	N	N	10	150	150	500	N	700	N	30
0192	N	N	N	10	100	30	300	N	1,000	20	100
0193	2	N	N	10	100	30	300	N	500	20	30
0194	2	N	N	20	200	70	300	N	700	70	100
0195	5	N	N	10	150	50	150	N	200	50	70
0196	2	N	N	20	150	100	200	N	500	70	70
0197	5	N	N	10	100	30	1,000	N	70	10	N
0198	2	N	N	20	150	70	200	30	500	50	50
0210	2	N	N	20	100	50	100	N	500	20	20
0212	2	N	N	20	70	15	150	N	500	20	20

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
0917	N	50	N	1,500	700	N	100	N	2,000	N
0918	N	20	N	1,500	500	N	500	N	>2,000	N
0919	N	30	1,500	2,000	500	N	300	N	>2,000	N
0922	N	10	N	500	200	N	200	N	2,000	N
0923	N	10	N	500	200	N	150	N	500	N
0925	N	20	N	500	300	N	200	N	2,000	N
0949	N	10	N	500	1,000	N	300	N	1,500	N
0950	N	30	N	N	1,000	100	300	7,000	>2,000	N
1276	N	20	N	5,000	700	N	1,000	N	>2,000	N
1277	N	20	N	10,000	700	N	500	N	>2,000	N
1279	N	20	N	700	300	N	150	N	2,000	N
1279A	N	50	N	700	300	N	1,000	N	>2,000	N
1280	N	30	N	10,000	700	N	700	N	>2,000	N
1281	N	20	N	>10,000	700	N	500	3,000	>2,000	N
1282	N	10	N	10,000	700	N	500	N	1,500	N
1283	N	30	200	10,000	700	N	500	N	>2,000	N
1284	N	30	N	10,000	700	N	500	N	>2,000	N
1285	N	10	N	5,000	500	N	500	N	>2,000	N
1286	N	20	N	10,000	1,000	N	1,000	N	>2,000	N
1287	N	30	N	10,000	700	N	1,000	N	>2,000	N
1289	N	30	N	10,000	700	N	1,000	N	>2,000	N
1291	N	30	N	10,000	700	N	500	N	>2,000	N
1367	N	10	N	500	500	N	500	N	>2,000	N
1368	N	20	200	500	500	100	100	N	>2,000	N

Petersburg C5--continued

0189	N	30	N	1,000	300	N	70	N	150	N
0189A	N	50	N	700	300	2,000	1,000	700	>2,000	N
0190	N	30	N	1,000	300	N	70	N	500	N
0190A	N	50	N	1,500	200	N	1,000	500	>2,000	N
0191	N	70	N	1,000	300	N	70	N	200	N
0191A	N	50	N	700	300	N	1,000	N	>2,000	N
0192	N	20	70	2,000	1,000	N	1,000	N	>2,000	N
0193	N	20	N	700	500	N	700	N	>2,000	N
0194	N	20	30	1,500	700	N	700	N	>2,000	N
0195	N	10	N	1,500	500	N	300	N	2,000	N
0196	N	20	N	1,000	700	N	500	N	>2,000	N
0197	N	10	N	500	500	N	1,000	N	1,000	N
0198	N	10	N	1,000	500	N	700	N	2,000	N
0210	N	10	N	500	700	N	300	N	>2,000	N
0212	N	10	N	500	300	N	300	N	>2,000	N

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
0217	56 43 31	133 23 51	3.0	1.00	5.0	>2.00	1,500	N	N	N	50	10,000
0221	56 43 14	133 29 27	5.0	2.00	10.0	>2.00	2,000	N	N	N	70	700
0698	56 33 16	133 38 57	5.0	2.00	10.0	>2.00	1,500	N	N	N	50	5,000
0704	56 30 8	133 23 0	5.0	1.50	5.0	2.00	1,000	N	N	N	20	200
0704A	56 30 8	133 23 0	2.0	1.50	7.0	>2.00	1,500	N	N	N	70	700
0705	56 30 38	133 26 35	10.0	5.00	20.0	2.00	5,000	N	N	N	100	1,500
0705A	56 30 38	133 26 35	1.5	1.00	10.0	>5.00	2,000	N	N	N	50	2,000
0924	56 34 25	133 21 45	7.0	2.00	10.0	2.00	1,500	N	N	N	200	200
0926	56 34 25	133 21 55	7.0	2.00	7.0	2.00	1,500	N	N	N	70	100
0927	56 31 50	133 23 25	7.0	2.00	7.0	2.00	1,500	N	N	N	200	700
0928	56 34 25	133 25 8	7.0	2.00	7.0	2.00	1,500	N	N	N	70	500
0929	56 31 53	133 23 10	7.0	2.00	7.0	2.00	1,500	N	N	N	20	300
0930	56 34 8	133 28 48	7.0	1.50	7.0	1.50	1,500	N	N	N	70	300
0931	56 31 48	133 23 1	7.0	1.50	10.0	2.00	1,500	1.0	N	N	20	200
0932	56 34 8	133 29 0	7.0	2.00	7.0	2.00	1,500	N	N	N	20	300
0933	56 33 35	133 20 42	5.0	.70	7.0	>2.00	1,500	N	N	N	20	500
0934	56 32 48	133 28 11	7.0	1.50	7.0	2.00	1,500	N	N	N	50	700
0935	56 30 35	133 20 45	2.0	1.50	5.0	1.00	1,000	7.0	N	N	<20	200
0936	56 32 42	133 28 15	7.0	1.50	7.0	2.00	1,500	N	N	N	70	500
0937	56 30 20	133 26 0	7.0	2.00	10.0	1.50	2,000	N	N	N	70	1,500
0938	56 31 58	133 29 30	7.0	1.00	5.0	1.00	1,000	N	N	N	<20	200
0938A	56 31 58	133 29 30	7.0	.20	7.0	>2.00	1,000	N	N	N	100	500
0939	56 33 15	133 28 45	7.0	2.00	7.0	2.00	1,500	N	N	N	70	1,000
0940	56 33 27	133 28 45	7.0	2.00	7.0	2.00	1,500	N	N	N	70	500
0941	56 33 15	133 34 45	7.0	2.00	7.0	2.00	1,500	N	N	N	50	200
0942	56 33 10	133 35 10	7.0	1.50	7.0	2.00	1,500	N	N	N	50	200
0943	56 33 8	133 36 48	7.0	2.00	7.0	1.50	1,500	N	N	N	70	500
0944	56 31 25	133 39 35	5.0	1.50	7.0	>2.00	1,500	N	N	N	70	300
0951	56 41 50	133 31 35	5.0	2.00	7.0	1.50	2,000	N	N	N	20	300
0952	56 41 50	133 31 43	5.0	2.00	10.0	>2.00	2,000	N	N	N	70	500
0953	56 40 3	133 31 35	2.0	1.50	5.0	1.50	1,000	N	N	N	20	300
0954	56 41 53	133 36 55	2.0	2.00	7.0	2.00	1,500	N	N	N	70	300
0955	56 42 1	133 36 58	5.0	2.00	10.0	>2.00	2,000	N	N	N	70	700
0956	56 41 35	133 38 0	7.0	2.00	10.0	2.00	2,000	N	N	N	70	700
0957	56 41 39	133 37 50	2.0	1.50	5.0	2.00	1,000	N	N	N	70	700
0958	56 41 55	133 39 45	7.0	2.00	10.0	>2.00	2,000	N	N	N	50	500
0961	56 37 20	133 32 35	5.0	2.00	7.0	>2.00	2,000	N	N	N	100	500
0962	56 37 15	133 32 45	2.0	1.50	7.0	2.00	1,500	N	N	N	50	200
0983	56 38 3	133 29 40	2.0	.70	5.0	.70	1,000	N	N	N	20	300
0985	56 36 47	133 27 45	2.0	.70	5.0	1.50	1,000	N	N	N	20	300
0986	56 36 49	133 27 51	2.0	1.00	5.0	1.50	1,000	N	N	N	20	200
0987	56 36 55	133 34 30	5.0	2.00	7.0	>2.00	1,500	N	N	N	50	300
0988	56 37 0	133 34 25	5.0	1.50	5.0	1.50	1,500	N	N	N	70	300
0989	56 36 10	133 34 40	1.00	.70	2.0	1.00	1,000	N	N	N	<20	500
0990	56 37 28	133 33 05	5.0	2.00	7.0	2.00	1,500	N	N	N	100	700

PETERSBURG STUDY AREA C3 ANALYSES--continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
0217	N	N	N	10	100	50	300	N	700	10	<20
0221	2	N	N	10	150	30	500	N	200	10	100
0698	2	N	N	10	150	100	700	N	200	10	50
0704	N	N	N	10	150	15	200	N	300	20	70
0704A	N	N	150	10	100	100	700	N	1,000	N	2,000
0705	2	N	N	20	500	200	100	N	150	50	70
0705A	N	N	N	N	100	20	300	N	1,000	20	N
0924	2	N	N	20	200	10	500	N	150	10	20
0926	2	N	N	15	200	10	100	N	100	10	20
0927	2	N	N	30	200	15	50	N	100	10	20
0928	2	N	N	10	200	20	50	N	150	10	50
0929	2	N	N	10	200	15	150	N	150	10	20
0930	2	N	50	20	150	50	50	N	50	10	20
0931	5	N	N	10	150	15	50	N	150	10	20
0932	2	N	N	20	150	50	70	N	150	10	<20
0933	2	N	N	10	70	100	300	N	1,000	10	30
0934	2	N	N	10	150	15	50	N	200	10	30
0935	2	N	N	N	100	<10	100	N	50	10	N
0936	2	N	N	10	150	15	50	N	300	10	30
0937	2	N	N	20	150	10	50	N	50	10	20
0938	N	N	N	10	150	15	100	N	150	10	20
0938A	N	N	200	N	50	50	700	N	200	N	50
0939	2	N	N	10	150	15	300	N	200	10	70
0940	2	N	N	10	150	15	300	N	200	10	30
0941	2	N	50	10	150	15	200	N	200	10	50
0942	5	N	50	10	150	15	200	N	700	10	99
0943	2	N	N	20	200	10	100	N	150	10	50
0944	2	N	N	10	150	50	300	N	500	10	<20
0951	N	N	N	10	150	10	50	N	50	10	<20
0952	N	N	N	10	200	10	100	N	200	10	<20
0953	N	N	N	10	300	10	50	N	70	10	<20
0954	N	N	N	10	150	10	100	N	150	10	<20
0955	N	N	N	10	200	10	100	N	200	10	30
0956	N	N	N	10	200	20	50	N	100	10	20
0957	N	N	N	N	200	<20	100	N	50	10	<50
0958	2	N	N	10	200	15	100	N	200	10	20
0961	2	N	N	10	150	10	100	N	200	10	<20
0962	5	N	N	N	150	10	100	N	100	10	<20
0983	N	N	N	<10	50	10	150	N	N	10	N
0985	N	N	N	<10	100	<10	50	N	70	<10	<20
0986	N	N	N	10	150	10	50	N	70	10	<20
0987	2	N	150	10	300	30	200	N	1,000	10	<20
0988	2	N	N	10	150	10	150	50	150	10	<20
0989	2	N	N	N	100	<20	200	N	70	10	<50
0990	2	N	N	20	150	10	100	N	150	10	<20

PETERSHURG STUDY AREA C3 ANALYSES--continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
0217	N	10	N	1,000	500	<100	1,000	N	>2,000	N
0221	N	20	1,500	5,000	500	N	500	N	>2,000	N
0698	N	30	N	2,000	500	N	1,000	N	>2,000	300
0704	N	20	30	500	150	N	500	700	>2,000	N
0704A	N	10	70	700	700	N	1,500	2,000	>2,000	N
0705	N	30	N	5,000	700	N	1,000	N	>2,000	N
0705A	N	20	N	500	700	N	1,000	N	>5,000	N
0924	N	20	N	1,500	700	N	200	N	>2,000	N
0926	N	20	N	1,000	300	N	200	N	2,000	N
0927	N	20	N	1,500	500	N	150	500	700	N
0928	N	20	N	1,500	500	N	200	N	>2,000	N
0929	N	20	N	1,000	500	N	200	N	1,000	N
0930	N	10	N	1,000	300	N	200	7,000	>2,000	N
0931	N	10	N	700	300	N	200	1,000	2,000	N
0932	N	20	N	1,500	300	N	200	1,000	>2,000	N
0933	N	20	30	500	300	N	300	N	>2,000	N
0934	N	20	N	1,000	300	N	200	N	>2,000	N
0935	N	10	N	500	200	N	100	N	1,000	N
0936	N	20	N	1,500	500	N	200	N	>2,000	N
0937	N	30	N	2,000	500	N	200	N	500	N
0938	N	15	N	500	200	N	200	3,000	>2,000	N
0938A	N	10	N	N	300	N	1,500	20,000	>2,000	N
0939	N	30	N	1,500	300	N	300	1,500	>2,000	N
0940	N	30	N	2,000	300	N	300	N	>2,000	N
0941	N	20	N	2,000	300	N	300	5,000	>2,000	N
0942	N	10	N	2,000	300	N	200	5,000	>2,000	N
0943	N	20	N	1,500	300	N	150	N	>2,000	N
0944	N	10	700	1,500	300	N	300	N	>2,000	N
0951	N	20	N	1,000	500	N	70	N	2,000	N
0952	N	10	N	1,500	500	N	200	N	>2,000	N
0953	N	10	N	500	500	N	100	N	150	N
0954	N	10	N	1,000	500	N	200	N	>2,000	N
0955	N	30	N	2,000	700	N	200	N	>2,000	N
0956	N	30	N	2,000	700	N	100	N	2,000	N
0957	N	10	N	500	300	N	70	N	2,000	N
0958	N	30	N	2,000	700	N	200	N	>2,000	N
0961	N	30	200	1,500	700	N	200	N	>2,000	N
0962	N	10	N	1,500	300	N	150	N	>2,000	N
0983	N	10	N	500	150	N	50	N	200	N
0985	N	15	N	500	200	N	100	N	2,000	N
0986	N	15	N	500	200	N	100	N	1,500	N
0987	N	200	N	1,000	500	N	500	5,000	>2,000	N
0988	N	150	50	1,000	500	N	200	N	2,000	N
0989	N	50	N	700	200	N	150	N	2,000	N
0990	N	150	N	1,000	300	N	500	700	>2,000	N

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
0991	56 36 3	133 36 55	7.0	2.00	10.0	2.00	2,000	N	N	N	700	700
0992	56 35 51	133 38 13	5.0	1.50	7.0	2.00	1,500	N	N	N	50	300
0993	56 37 29	133 38 20	2.0	1.00	5.0	2.00	1,000	N	N	N	<20	300
0994	56 33 39	133 38 55	5.0	1.50	7.0	>2.00	200	N	N	N	50	500
1228	56 33 16	133 33 25	5.0	1.00	5.0	1.50	500	N	N	N	20	150
1228A	56 33 16	133 33 25	5.0	1.50	7.0	>2.00	1,500	N	N	N	50	700
1231	56 33 26	133 33 28	1.5	1.00	3.0	2.00	700	N	N	N	20	300
1235	56 44 31	133 39 42	1.0	.20	5.0	>2.00	300	N	N	N	<20	100
					Petersburg C6--continued							
0614	56 31 3	133 55 50	5.0	5.00	15.0	>2.00	1,500	N	N	N	30	1,000
0616	56 33 29	133 55 39	10.0	5.00	10.0	>2.00	3,000	N	N	N	70	700
0618	56 33 56	133 53 41	2.0	1.50	7.0	>2.00	1,500	N	N	N	20	150
0619	56 32 32	133 52 46	2.0	1.50	7.0	>2.00	1,500	N	N	N	50	300
0620	56 35 36	133 52 57	20.0	5.00	7.0	1.50	2,000	N	N	N	70	300
0621	56 33 49	133 55 5	2.0	1.50	7.0	>2.00	1,500	N	N	N	20	300
0622	56 36 2	133 55 43	2.0	1.50	10.0	>2.00	1,500	N	N	N	20	500
0623	56 37 6	133 56 20	1.0	.50	10.0	>2.00	1,000	N	N	N	20	300
0625	56 36 55	133 53 59	7.0	1.50	10.0	2.00	1,500	N	N	N	<20	500
0626	56 37 3	133 56 0	15.0	1.00	3.0	>2.00	7,000	7.0	N	N	50	200
0629	56 36 42	133 48 51	5.0	2.00	7.0	1.00	1,500	N	N	N	70	700
0630	56 36 5	133 47 50	5.0	1.00	20.0	>2.00	1,500	N	N	N	20	500
0631	56 33 43	133 46 27	5.0	1.50	20.0	>2.00	1,500	N	N	N	100	500
0632	56 34 52	133 43 23	2.0	.70	5.0	1.50	3,000	N	N	N	<20	500
0633	56 37 21	133 43 45	5.0	1.50	10.0	>2.00	1,500	N	N	N	30	1,000
0634	56 37 48	133 44 15	2.0	1.00	5.0	2.00	1,500	N	N	N	70	500
0635	56 39 8	133 42 14	.7	1.50	5.0	2.00	500	N	N	N	<20	300
0636	56 40 10	133 45 35	1.5	1.50	7.0	1.50	1,500	N	N	N	<20	300
0637	56 41 8	133 42 27	5.0	1.50	7.0	2.00	2,000	N	N	N	<20	300
0638	56 40 1	133 46 20	2.0	1.00	5.0	2.00	1,500	N	N	N	<20	300
0639	56 43 10	133 46 15	2.0	1.00	7.0	1.00	1,000	N	N	N	200	700
0640	56 42 6	133 46 54	15.0	10.00	10.0	2.00	3,000	5.0	N	N	70	150
0641	56 44 0	133 45 50	3.0	1.50	10.0	1.50	1,000	N	N	N	<20	500
0642	56 42 0	133 46 55	5.0	1.00	5.0	1.50	1,500	N	N	N	<20	100
0644	56 44 42	133 45 7	2.0	1.00	5.0	2.00	500	N	N	N	20	500
0645	56 44 24	133 51 48	1.5	1.00	10.0	>2.00	1,000	N	N	N	20	300
0647	56 40 20	133 53 40	5.0	2.00	10.0	>2.00	1,500	N	N	N	150	1,000
0649	56 40 5	133 50 56	5.0	2.00	10.0	>2.00	1,500	N	N	N	300	1,000
0650	56 42 57	133 52 57	5.0	1.50	7.0	1.50	1,500	N	N	N	<20	300
0651	56 43 35	133 56 26	1.0	.70	5.0	1.00	500	N	N	N	70	300

PETERSBURG STUDY AREA C3 ANALYSES--continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
0991	2	N	N	20	500	15	150	N	200	10	<20
0992	2	N	N	10	200	10	150	100	150	10	<20
0993	2	N	N	10	150	10	500	N	70	10	N
0994	2	N	N	10	200	15	200	N	1,000	10	20
1228	N	N	N	N	70	10	70	N	150	N	N
1228A	N	N	150	10	100	300	700	N	1,000	N	20
1231	2	N	70	10	70	15	100	N	500	10	<20
1235	2	N	N	10	N	15	300	N	500	10	N
					Petersburg C6--continued						
0614	2	N	N	30	1,000	15	100	N	100	50	<20
0616	N	N	N	20	70	100	100	N	200	10	70
0618	N	N	N	20	20	30	300	N	500	10	N
0619	2	N	N	20	150	30	500	N	200	10	N
0620	N	N	N	50	200	30	50	N	N	50	150
0621	2	N	N	10	100	15	200	N	200	10	<20
0622	N	N	N	10	150	50	500	N	500	10	<20
0623	2	N	N	10	N	15	700	N	100	10	<20
0625	2	N	N	30	200	50	50	N	100	10	20
0626	N	N	N	30	50	70	N	N	50	50	N
0629	N	N	N	N	200	<10	50	N	N	10	N
0630	2	N	N	20	200	10	100	N	100	10	<20
0631	N	N	N	20	300	20	200	N	200	10	20
0632	N	N	N	N	N	<10	150	N	N	<10	N
0633	N	N	N	20	300	10	200	N	100	10	<20
0634	2	N	N	N	100	20	150	N	70	<10	N
0635	N	N	N	N	50	10	50	N	N	N	N
0636	2	N	N	N	150	<10	70	N	N	<10	<20
0637	N	N	N	N	150	2,000	200	N	N	N	<20
0638	N	N	N	N	100	<10	70	N	N	<10	50
0639	N	N	N	N	70	10	50	N	N	N	<20
0640	N	N	N	50	2,000	10	50	N	50	100	<20
0641	N	N	N	20	300	10	50	N	50	10	<20
0642	N	N	N	10	150	<10	N	N	150	<10	N
0644	N	N	N	10	150	15	N	N	150	10	<20
0645	2	N	N	10	70	15	200	N	200	10	N
0647	N	N	N	20	300	10	100	N	100	10	20
0649	10	N	150	10	100	10	150	N	50	10	<20
0650	N	N	N	30	200	10	100	N	50	10	<20
0651	15	N	N	N	150	<10	50	N	50	10	N

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
0991	N	200	N	10,000	500	N	500	N	>2,000	N
0992	N	200	N	1,500	500	N	200	1,000	>2,000	N
0993	N	15	N	700	200	N	100	N	1,000	N
0994	N	200	N	1,500	500	N	200	N	>2,000	N
1228	N	15	N	500	150	N	200	N	>2,000	N
1228A	N	10	20	N	500	N	1,500	20,000	>2,000	N
1231	N	10	N	500	200	N	200	1,500	>2,000	N
1235	N	10	N	N	300	N	500	N	>2,000	N
				Petersburg C6--continued						
0614	N	70	N	500	300	N	150	3,000	>2,000	N
0616	N	50	N	2,000	1,000	N	200	N	>2,000	N
0618	N	10	N	500	700	N	500	N	>2,000	N
0619	N	10	N	500	700	N	500	N	>2,000	N
0620	N	30	N	1,500	700	N	200	N	>2,000	N
0621	N	10	N	1,000	500	N	300	N	>2,000	N
0622	N	30	N	2,000	700	N	700	N	>2,000	N
0623	N	10	N	1,000	200	N	700	N	>2,000	N
0625	N	30	N	700	200	N	150	2,000	2,000	N
0626	N	10	N	200	700	N	100	500	200	N
0629	N	10	N	500	100	N	150	N	1,000	N
0630	N	30	N	700	200	N	150	N	2,000	N
0631	N	30	70	700	200	N	200	N	>2,000	N
0632	N	10	N	1,500	100	N	200	N	200	N
0633	N	30	150	2,000	300	N	200	N	>2,000	N
0634	N	10	N	300	300	N	150	N	1,000	N
0635	N	10	N	200	100	N	150	N	500	N
0636	N	10	N	1,500	200	N	70	N	700	N
0637	N	10	N	2,000	200	N	200	N	1,500	N
0638	N	10	N	1,500	200	N	100	N	50	N
0639	N	10	N	1,500	70	N	200	N	1,000	N
0640	N	100	N	N	1,000	N	100	N	500	N
0641	N	30	N	1,000	300	N	100	N	2,000	N
0642	N	10	N	200	150	N	70	N	70	N
0644	N	10	N	700	300	N	150	N	>2,000	N
0645	N	10	N	1,500	700	N	300	N	>2,000	N
0647	N	50	N	1,500	300	N	300	1,000	>2,000	N
0649	N	10	2,000	2,000	300	N	300	2,000	500	N
0650	N	30	N	1,500	300	N	100	N	>2,000	N
0651	N	10	500	1,500	150	N	70	500	200	N

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
0652	56 40 28	133 52 45	2.0	.70	7.0	2.00	1,000	N	N	N	30	500
0653	56 40 51	133 57 19	7.0	.20	5.0	>2.00	700	N	N	N	50	10,000
0654	56 38 20	133 50 25	5.0	2.00	5.0	1.50	1,000	N	N	N	<20	500
0655	56 42 15	133 53 58	2.0	.70	7.0	>2.00	1,500	N	N	N	20	300
0656	56 38 24	133 50 15	2.0	1.50	10.0	>5.00	3,000	N	N	N	50	1,000
0658	56 37 47	133 59 49	2.0	.50	7.0	>1.00	500	N	N	N	200	200
0696	56 31 28	133 40 10	5.0	1.00	7.0	>2.00	1,500	N	N	N	50	5,000
0697	56 31 33	133 40 2	1.5	.20	2.0	1.50	500	N	N	N	20	300
0959	56 44 15	133 40 0	7.0	2.00	10.0	>2.00	2,000	N	N	N	200	500
0960	56 44 23	133 40 3	7.0	2.00	10.0	>2.00	2,000	N	N	N	50	1,000
1084	56 33 10	133 59 20	2.0	.70	5.0	2.00	300	N	N	N	<20	1,000
1091	56 33 30	133 57 56	2.0	1.00	2.0	>2.00	500	N	N	N	<20	700
					Petersburg D1--continued							
0373	56 46 32	132 8 30	2.0	5.00	1.0	2.00	1,000	N	N	N	<20	300
0374	56 48 14	132 7 50	5.0	.15	7.0	>2.00	1,500	N	N	N	<20	300
1021	56 48 30	132 1 11	1.0	<.05	3.0	1.00	700	N	N	N	N	<50
1025	56 45 42	132 1 22	2.0	.05	3.0	1.00	700	N	N	N	<20	150
					Petersburg D2--continued							
1320	56 51 52	132 35 43	2.0	2.00	7.0	>2.00	1,500	1.0	N	N	50	1,500
1321	56 51 59	132 37 28	2.0	1.50	5.0	>2.00	1,000	1.0	N	N	50	700
1322	56 52 2	132 35 47	2.0	2.00	10.0	>2.00	1,000	N	N	N	<20	1,000
1325	56 52 55	132 39 23	1.0	2.00	10.0	>2.00	1,000	N	N	N	<20	1,000
1327	56 53 4	132 39 30	2.0	5.00	7.0	>2.00	1,500	N	N	N	50	10,000
1331	56 50 49	132 39 38	5.0	1.50	7.0	>2.00	1,000	N	N	N	200	300
1339	56 47 34	132 35 25	2.0	1.00	7.0	>2.00	1,000	N	N	N	500	700
1341	56 46 23	132 36 21	2.0	1.00	7.0	>2.00	1,000	1.0	N	N	200	700
1342	56 46 33	132 31 12	10.0	1.00	10.0	>2.00	1,000	N	N	N	70	500
1343	56 47 30	132 30 47	2.0	2.00	20.0	>2.00	1,500	N	N	N	50	5,000
1344	56 45 24	132 31 46	2.0	2.00	10.0	>2.00	1,500	N	N	N	70	1,000
1345	56 47 31	132 30 57	5.0	2.00	7.0	>2.00	1,000	N	N	N	20	10,000
1346	56 47 33	132 27 24	7.0	1.00	7.0	>2.00	1,000	1.0	N	N	20	1,000
1347	56 49 15	132 31 15	15.0	1.50	7.0	>2.00	500	N	N	N	20	7,000
1348	56 45 53	132 25 51	7.0	1.00	7.0	>2.00	500	N	N	N	50	5,000
1349	56 49 15	132 26 27	2.0	2.00	10.0	2.00	1,000	N	N	N	<20	2,000
1350	56 45 58	132 25 41	2.0	1.00	10.0	>2.00	1,000	N	N	N	<20	1,000
1351	56 48 47	132 22 17	2.0	1.50	7.0	>2.00	1,000	N	N	N	<20	500
1352	56 46 5	132 28 2	2.0	1.00	5.0	>2.00	500	N	N	N	20	300
1353	56 46 3	132 27 54	2.0	.70	2.0	>2.00	500	1.0	1,000	N	50	500
1396	56 49 30	132 27 32	2.0	5.00	10.0	>2.00	1,000	N	N	N	<20	700
1397	56 47 40	132 36 10	5.0	1.00	10.0	>2.00	1,500	N	N	N	70	500
1398	56 48 10	132 32 25	5.0	1.50	7.0	>2.00	1,000	N	N	N	150	1,000
1399	56 47 15	132 28 47	15.0	1.50	10.0	>2.00	1,500	N	N	N	70	700
1400	56 47 10	132 28 25	7.0	1.50	10.0	>2.00	1,500	N	N	N	20	700

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
0652	5	N	150	10	70	15	70	N	70	10	<20
0653	N	N	N	20	150	70	300	N	150	10	70
0654	N	N	N	20	500	20	50	N	70	10	<20
0655	2	150	N	N	100	20	100	N	100	10	N
0656	5	N	N	N	200	20	200	N	500	20	N
0658	N	N	N	10	100	30	1,000	N	<50	<10	<20
0696	2	N	N	10	70	200	700	N	500	10	300
0697	2	N	N	N	20	<10	70	N	100	10	N
0959	N	N	N	20	700	15	150	N	300	10	<20
0960	2	N	N	10	150	10	70	N	70	10	50
1084	N	20	N	N	50	15	100	N	200	10	N
1091	N	N	N	N	150	100	100	N	700	10	<20
Petersburg D1--continued											
0373	N	N	N	10	70	50	1,000	N	300	10	N
0374	N	N	N	10	20	100	2,000	50	2,000	10	N
1021	N	N	N	10	N	20	700	<10	20	N	N
1025	N	N	N	10	N	50	1,000	10	500	N	<20
Petersburg D2--continued											
1320	N	N	N	10	200	100	100	N	500	10	20
1321	N	N	N	10	200	70	50	N	300	10	20
1322	N	N	N	10	150	50	500	N	300	10	N
1325	N	N	N	10	150	15	200	N	200	10	N
1327	N	N	N	20	150	150	300	N	500	10	N
1331	N	N	N	10	70	100	100	N	200	10	<20
1339	N	N	N	10	100	30	100	N	300	10	20
1341	N	N	N	10	150	100	100	N	300	10	20
1342	N	N	N	50	70	150	200	N	200	70	70
1343	N	N	N	10	200	70	200	N	500	10	<20
1344	N	N	N	10	150	70	200	N	1,000	10	N
1345	N	N	N	10	150	100	200	N	500	70	N
1346	N	N	N	70	200	200	200	N	1,000	70	<20
1347	N	N	N	100	150	200	300	N	500	200	50
1348	N	N	N	30	200	150	100	N	1,000	70	20
1349	N	N	N	20	70	200	500	N	150	10	N
1350	N	N	N	10	200	100	500	N	500	10	N
1351	N	N	N	10	50	20	200	N	1,000	10	N
1352	N	N	N	50	200	150	100	N	1,500	10	<20
1353	N	N	N	30	150	150	70	N	1,500	10	<20
1396	N	N	N	10	70	10	700	N	50	N	N
1397	N	N	N	50	150	150	200	N	300	N	50
1398	N	N	N	30	70	500	150	N	300	N	20
1399	N	N	N	100	150	150	300	N	700	150	20
1400	N	N	N	30	150	150	700	N	500	50	<20

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
0652	N	10	700	1,500	300	N	150	7,000	>2,000	N
0653	N	30	N	700	300	N	500	500	>2,000	300
0654	N	30	N	1,000	300	N	150	1,500	2,000	N
0655	N	10	N	1,000	500	N	200	5,000	>2,000	N
0656	N	20	N	1,500	700	N	300	N	>5,000	N
0658	N	30	<20	700	100	N	300	N	>1,000	N
0696	N	30	N	2,000	500	N	1,000	N	>2,000	N
0697	N	15	150	500	100	N	70	N	1,500	N
0959	N	30	N	1,500	700	N	200	N	>2,000	N
0960	N	30	N	2,000	700	N	200	N	>2,000	N
1084	N	20	N	200	150	N	200	N	>2,000	N
1091	N	30	N	200	200	N	300	N	>2,000	N
Petersburg D1--continued										
0373	N	10	N	700	500	N	300	N	>2,000	1,000
0374	N	20	50	N	700	N	1,500	N	>2,000	N
1021	N	10	30	N	200	N	700	N	200	200
1025	N	10	50	N	200	N	700	N	700	300
Petersburg D2--continued										
1320	N	10	N	500	700	N	500	700	1,500	N
1321	N	10	N	700	700	N	100	500	700	N
1322	N	10	30	200	500	150	500	N	>2,000	700
1325	N	10	20	200	500	N	500	N	>2,000	300
1327	N	10	N	500	500	N	500	N	>2,000	N
1331	N	20	N	1,500	500	N	200	500	>2,000	N
1339	N	10	N	1,000	500	<100	200	N	>2,000	N
1341	N	20	N	1,000	500	<100	200	500	2,000	N
1342	N	10	N	500	300	N	300	N	>2,000	N
1343	N	20	20	1,500	500	N	500	N	>2,000	N
1344	N	10	20	700	500	N	700	N	>2,000	N
1345	N	10	30	700	500	100	700	N	>2,000	N
1346	N	20	30	200	2,000	100	500	500	2,000	N
1347	N	10	30	200	500	N	500	N	>2,000	N
1348	N	20	N	500	700	700	300	N	>2,000	N
1349	N	20	N	500	300	N	500	N	>2,000	500
1350	N	10	30	500	500	N	700	N	>2,000	N
1351	N	10	N	700	300	N	700	N	>2,000	500
1352	N	20	20	200	1,000	150	500	N	>2,000	N
1353	N	20	N	200	1,500	100	150	N	1,000	N
1396	N	10	N	1,000	500	N	1,000	N	>2,000	1,000
1397	N	10	20	2,000	700	N	1,000	N	>2,000	N
1398	N	10	N	2,000	700	100	200	N	>2,000	N
1399	N	10	20	500	700	N	1,000	N	>2,000	N
1400	N	10	N	700	700	N	1,500	N	>2,000	N

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
1401	56 47 23	132 28 10	2.0	1.50	10.0	>2.00	1,500	N	N	N	20	700
					Petersburg 03--continued							
1244	56 47 10	132 59 32	2.0	.70	5.0	>2.00	700	N	N	N	20	500
1269	56 54 15	132 58 22	2.0	.50	10.0	>2.00	1,500	N	N	N	100	200
1270	56 53 59	132 58 14	2.0	.70	20.0	>2.00	1,500	N	N	N	20	300
1271	56 52 37	132 58 49	5.0	1.00	20.0	>2.00	1,500	N	N	N	50	500
1272	56 51 21	132 56 50	5.0	1.00	20.0	>2.00	2,000	N	N	N	50	500
1273	56 52 45	132 58 47	5.0	1.00	20.0	>2.00	1,500	N	N	N	50	500
1274	56 45 15	132 58 42	5.0	1.00	7.0	>2.00	1,500	N	N	N	70	700
1275	56 50 30	132 56 30	5.0	2.00	10.0	>2.00	1,500	N	N	N	100	700
1290	56 46 44	132 55 5	5.0	.70	50.0	>2.00	2,000	N	N	N	20	500
1292	56 45 10	132 51 5	2.0	1.00	10.0	>2.00	1,500	N	N	N	100	700
1293	56 47 43	132 51 45	5.0	.70	20.0	>2.00	2,000	N	N	N	20	1,000
1295	56 46 6	132 48 49	2.0	2.00	10.0	>2.00	1,500	N	N	N	70	1,000
1297	56 46 11	132 48 42	2.0	1.50	7.0	>2.00	1,500	N	N	N	50	500
1299	56 45 2	132 47 34	2.0	1.00	7.0	>2.00	1,500	N	N	N	70	1,000
1305	56 58 25	132 46 54	2.0	1.50	10.0	>2.00	1,500	N	N	N	20	1,000
1306	56 59 30	132 47 10	2.0	2.00	10.0	>2.00	1,500	N	N	N	20	10,000
1307	56 59 20	132 43 33	.2	.10	5.0	2.00	300	N	N	N	20	500
1308	56 59 44	132 40 5	1.5	5.00	7.0	1.00	300	N	N	N	<20	70
1309	56 56 10	132 58 55	2.0	5.00	20.0	2.00	1,500	N	N	N	<20	1,500
1310	56 56 26	132 40 28	2.0	10.00	20.0	>2.00	1,500	N	N	N	20	>10,000
1311	56 56 35	132 41 35	2.0	5.00	20.0	>2.00	1,500	N	N	N	20	10,000
1312	56 56 52	132 41 39	5.0	2.00	3.0	1.00	300	N	N	N	<20	300
1313	56 56 47	132 42 56	2.0	2.00	20.0	>2.00	1,500	N	N	N	20	5,000
1314	56 57 6	132 47 0	2.0	5.00	50.0	>2.00	1,500	N	N	N	20	1,500
1315	56 57 20	132 44 20	2.0	5.00	20.0	>2.00	1,500	N	N	N	20	1,500
1316	56 55 28	132 49 4	1.0	2.00	7.0	>2.00	1,500	N	N	N	20	10,000
1317	56 56 23	132 44 35	2.0	2.00	7.0	>2.00	1,500	N	N	N	50	10,000
1318	56 54 36	132 44 26	2.0	5.00	20.0	>2.00	1,500	N	N	N	20	10,000
1323	56 53 11	132 42 12	2.0	1.00	7.0	>2.00	1,000	N	N	N	200	500
1324	56 53 29	132 41 12	1.0	2.00	7.0	>2.00	1,000	N	N	N	20	1,500
1326	56 51 53	132 41 54	5.0	1.50	7.0	>2.00	1,000	N	N	N	200	300
1328	56 57 6	132 52 20	5.0	2.00	10.0	>2.00	1,500	N	N	N	<20	500
1329	56 53 9	132 41 56	2.0	1.00	5.0	>2.00	500	N	N	N	200	300
1330	56 57 56	132 54 40	5.0	1.50	7.0	>2.00	1,500	N	N	N	20	500
1332	56 59 33	132 54 54	2.0	1.50	10.0	>2.00	1,500	N	N	N	<20	300
1333	56 59 2	132 52 8	7.0	1.50	7.0	>2.00	1,500	N	N	N	20	300
1334	56 54 29	132 46 40	2.0	2.00	7.0	>2.00	1,000	N	N	N	50	700
1335	56 59 33	132 50 58	2.0	1.50	7.0	>2.00	1,500	N	N	N	<20	200
1336	56 53 22	132 47 51	2.0	1.50	7.0	>2.00	1,500	N	N	N	70	700
1337	56 51 10	132 42 10	2.0	1.50	7.0	>2.00	1,500	N	N	N	70	700

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
1401	N	N	N	20	150	100	200	20	500	10	20
					Petersburg D3--continued						
1244	2	N	N	10	100	20	150	N	300	10	<20
1269	N	N	N	10	150	70	1,000	N	200	10	N
1270	N	N	N	10	100	50	200	N	200	10	<20
1271	N	N	N	10	150	100	500	N	200	10	<20
1272	N	N	N	10	150	100	500	N	1,500	10	N
1273	N	N	N	10	150	100	500	N	500	10	20
1274	5	N	N	10	100	50	150	N	200	10	30
1275	2	N	N	10	200	200	500	N	1,000	10	20
1290	2	N	N	10	200	150	2,000	N	5,000	10	N
1292	2	N	N	10	200	70	300	N	700	10	N
1293	2	N	N	10	300	100	1,000	N	1,000	10	N
1295	2	N	N	10	500	100	500	N	500	10	20
1297	2	N	N	10	200	100	300	N	500	10	20
1299	2	N	N	10	200	100	100	N	500	10	<20
1305	2	N	N	10	200	150	500	N	200	10	50
1306	2	N	N	10	500	100	1,000	N	700	10	N
1307	2	N	N	10	N	N	1,000	N	N	10	N
1308	N	N	N	N	50	70	200	N	50	10	N
1309	N	N	N	10	70	<10	700	N	N	10	N
1310	2	N	N	10	150	50	1,000	N	200	10	N
1311	2	N	N	10	500	150	700	N	500	10	N
1312	N	N	N	70	50	150	100	N	50	70	70
1313	2	N	N	10	150	50	700	N	200	10	N
1314	2	N	N	10	150	200	2,000	N	200	10	N
1315	2	N	N	10	150	100	2,000	N	200	10	N
1316	2	N	N	10	200	50	200	N	300	10	N
1317	2	N	N	10	200	70	150	70	1,000	10	N
1318	2	N	N	10	200	70	1,000	N	200	10	100
1323	N	N	N	10	150	100	200	N	300	10	20
1324	N	N	N	10	150	150	200	N	300	10	N
1326	N	N	N	20	100	150	50	N	200	10	50
1328	N	N	N	20	100	150	1,000	N	1,000	10	N
1329	N	N	N	10	100	100	100	N	500	10	N
1330	N	N	N	10	100	70	1,000	N	1,500	10	N
1332	N	N	N	20	70	70	1,500	N	1,000	10	N
1333	N	N	N	20	100	150	1,000	N	1,000	10	20
1334	N	N	N	10	100	100	700	N	700	10	20
1335	N	N	N	10	70	50	1,000	N	1,500	10	N
1336	N	N	N	10	150	50	200	N	1,000	10	<20
1337	N	N	N	10	150	70	200	N	700	10	<20

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
1401	N	10	20	700	700	N	1,500	N	>2,000	N
				Petersburg D3--continued						
1244	N	10	N	500	500	N	500	N	1,000	N
1269	N	10	N	500	700	N	1,500	N	>2,000	N
1270	N	10	N	2,000	700	N	500	N	>2,000	N
1271	N	30	N	2,000	700	N	1,000	N	>2,000	N
1272	N	10	200	1,000	700	N	1,500	N	>2,000	N
1273	N	10	20	2,000	500	N	1,000	N	>2,000	N
1274	N	10	N	1,500	300	N	200	N	2,000	N
1275	N	20	N	5,000	700	N	1,000	N	>2,000	N
1290	N	10	20	5,000	1,000	N	1,500	N	>2,000	N
1292	N	20	N	5,000	1,000	N	700	N	>2,000	N
1293	N	30	N	2,000	1,000	N	1,500	N	>2,000	N
1295	N	20	N	10,000	500	N	700	N	>2,000	N
1297	N	10	N	1,000	700	N	500	N	>2,000	N
1299	N	10	N	1,000	500	N	500	N	>2,000	N
1305	N	20	300	1,000	500	1,000	1,000	N	>2,000	N
1306	N	20	N	1,500	500	N	1,000	N	>2,000	N
1307	N	30	N	10,000	100	N	1,500	N	>2,000	2,000
1308	N	20	N	N	70	N	150	N	>2,000	N
1309	N	30	N	300	300	N	500	N	>2,000	N
1310	N	10	N	2,000	500	N	1,000	N	>2,000	N
1311	N	20	20	500	2,000	N	1,000	N	>2,000	N
1312	N	20	N	N	70	100	100	N	>2,000	N
1313	N	30	N	5,000	1,500	N	1,000	N	>2,000	N
1314	N	20	20	5,000	700	N	1,500	N	>2,000	N
1315	N	20	20	5,000	500	N	1,000	N	>2,000	500
1316	N	30	N	5,000	700	N	1,500	N	>2,000	1,000
1317	N	20	N	1,500	1,000	N	500	N	>2,000	N
1318	N	20	20	1,500	700	N	1,000	N	>2,000	N
1323	N	10	N	1,000	700	N	300	N	>2,000	N
1324	N	10	20	200	500	N	500	N	>2,000	500
1326	N	20	N	1,500	700	100	200	N	>2,000	N
1328	N	10	70	200	700	150	1,500	500	>2,000	300
1329	N	20	N	700	500	<100	200	N	>2,000	N
1330	N	20	50	500	500	500	1,500	500	>2,000	200
1332	N	20	70	500	500	150	1,000	N	>2,000	700
1333	N	20	50	500	500	200	1,000	500	>2,000	N
1334	N	20	N	700	500	<100	500	500	>2,000	N
1335	N	10	70	200	500	150	1,500	N	>2,000	300
1336	N	10	N	1,500	500	<100	500	N	>2,000	N
1337	N	20	N	1,500	500	<100	700	N	>2,000	N

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
1338	56 51 58	132 47 44	2.0	1.50	7.0	>2.00	1,500	N	N	N	70	500
1340	56 48 54	132 42 25	7.0	1.50	7.0	>2.00	1,500	1.0	N	N	200	700
					Petersburg D4--continued							
0213	56 45 10	133 19 23	7.0	1.00	5.0	>2.00	700	N	N	N	50	500
0214	56 45 20	133 19 50	5.0	1.00	7.0	>2.00	1,500	N	N	N	50	5,000
0409	56 46 33	133 13 35	2.0	.70	7.0	>2.00	1,500	N	N	N	70	700
0410	56 49 55	133 18 15	7.0	1.00	7.0	>2.00	1,500	20.0	N	150	70	>10,000
0411	56 50 20	133 17 25	2.0	.20	20.0	>2.00	1,500	N	N	N	<20	300
1162	56 58 1	133 17 24	2.0	.20	10.0	>2.00	1,500	N	N	N	70	200
1163	56 58 7	133 18 58	7.0	1.00	10.0	>2.00	1,500	N	N	N	70	1,000
1164	56 58 53	133 18 0	2.0	.70	30.0	>2.00	1,500	N	N	N	20	200
1165	56 57 1	133 18 22	7.0	1.00	10.0	>2.00	1,500	N	N	N	50	1,000
1166	56 55 22	133 16 4	5.0	1.50	20.0	>2.00	1,500	N	N	N	50	1,000
1167	56 55 25	133 17 10	30.0	.70	7.0	2.00	1,000	N	N	N	100	700
1220	56 53 59	133 19 21	2.0	.70	10.0	>2.00	1,500	N	N	N	<20	200
1221	56 54 8	133 19 27	2.0	1.00	7.0	>2.00	1,000	N	N	N	20	500
1222	56 54 21	133 19 14	1.5	1.00	7.0	2.00	1,500	N	N	N	50	500
1224	56 49 7	133 16 34	2.0	.50	5.0	1.00	700	N	N	N	20	700
1225	56 49 0	133 15 40	5.0	.70	5.0	1.50	1,000	N	N	N	<20	200
1225A	56 49 0	133 15 40	2.0	.70	10.0	>2.00	1,500	N	N	N	20	1,000
1226	56 48 36	133 15 23	2.0	1.00	10.0	>2.00	1,500	N	N	N	20	700
1227	56 47 18	133 6 49	2.0	.70	5.0	2.00	700	N	N	N	20	700
1229	56 47 27	133 6 48	1.0	.50	2.0	2.00	500	N	N	N	20	300
1237	56 52 43	133 10 54	2.0	.70	7.0	>2.00	1,500	N	N	N	20	100
1238	56 52 48	133 10 47	2.0	.70	7.0	2.00	1,000	N	N	N	50	500
1239	56 51 27	133 9 24	1.5	.20	7.0	2.00	1,000	N	N	N	20	100
1240	56 51 29	133 9 38	2.0	1.00	5.0	1.50	500	N	N	N	20	500
1241	56 51 16	133 6 35	2.0	.50	7.0	>2.00	1,000	N	N	N	50	100
1242	56 50 27	133 3 40	2.0	.50	7.0	>2.00	1,500	N	N	N	20	100
1243	56 50 21	133 1 42	5.0	.70	7.0	2.00	1,500	N	N	N	20	100
1245	56 48 47	133 0 12	2.0	.70	5.0	>2.00	700	N	N	N	20	100
1246	56 45 24	133 0 27	2.0	.70	5.0	1.50	1,000	N	N	N	70	700
1247	56 45 2	133 0 24	2.0	.70	7.0	>2.00	1,500	N	N	N	20	1,000
1248	56 47 0	133 8 25	2.0	.50	7.0	>2.00	1,500	N	N	N	20	700
1249	56 45 4	133 0 39	2.0	1.00	7.0	>2.00	1,000	N	N	N	20	700
1250	56 47 7	133 10 50	1.5	.50	5.0	>2.00	300	N	N	N	20	300
1250A	56 47 7	133 10 50	2.0	1.50	10.0	>2.00	1,500	N	N	N	50	1,000
1251	56 46 9	133 12 30	2.0	.10	5.0	>2.00	500	N	N	N	<20	100
1251A	56 46 9	133 12 30	2.0	.20	10.0	>2.00	1,500	N	N	N	70	300
1252	56 55 42	133 14 13	2.0	.20	20.0	>2.00	1,500	N	N	N	20	1,000
1253	56 55 30	133 12 40	5.0	1.00	20.0	>2.00	1,500	N	N	N	50	500
1254	56 55 35	133 14 15	2.0	1.00	7.0	>2.00	1,500	N	N	N	50	500
1255	56 55 55	133 7 45	2.0	1.00	20.0	>2.00	1,500	N	N	N	50	300

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
1338	N	N	N	10	150	70	200	N	1,000	10	<20
1340	N	N	N	10	200	150	200	N	500	10	70
					Petersburg D4--continued						
0213	2	N	N	10	70	150	150	N	500	100	70
0214	2	N	N	50	70	100	200	N	500	20	20
0409	2	N	N	10	70	50	200	N	700	10	<20
0410	2	N	N	20	150	100	100	N	700	10	200
0411	N	N	N	10	N	70	1,000	N	200	10	N
1162	N	N	N	10	70	50	1,000	50	200	10	N
1163	N	N	N	10	150	150	500	N	200	10	50
1164	N	N	N	10	100	150	700	N	150	10	N
1165	N	N	N	200	100	150	700	N	150	30	<20
1166	2	N	N	10	150	50	700	N	200	10	<20
1167	N	N	N	200	50	200	500	50	150	150	<20
1220	N	N	N	10	20	20	500	N	200	10	N
1221	2	N	N	10	100	20	200	N	200	10	N
1222	2	N	N	10	50	10	100	N	100	10	<20
1224	2	N	N	N	N	10	N	N	50	10	<20
1225	N	N	N	N	N	15	100	N	100	N	N
1225A	N	N	N	15	50	70	1,500	N	500	N	<20
1226	2	N	N	10	70	70	300	N	300	10	<20
1227	5	N	N	10	70	20	100	N	300	10	20
1229	2	N	N	10	30	10	N	N	300	10	<20
1237	N	N	N	10	20	70	300	N	500	10	N
1238	2	N	N	10	50	15	200	N	200	10	150
1239	2	N	N	10	N	15	100	N	300	10	<20
1240	2	N	N	10	150	<10	70	N	N	10	N
1241	2	N	N	10	70	20	100	N	200	10	N
1242	2	N	N	10	50	20	300	N	700	10	<20
1243	2	N	N	10	100	10	50	N	150	10	<20
1245	N	N	N	10	70	30	300	N	300	10	N
1246	5	N	N	10	50	10	N	N	100	10	<20
1247	2	N	N	10	50	20	150	N	500	10	20
1248	2	N	N	10	20	30	150	N	1,000	10	<20
1249	2	N	N	10	70	20	150	N	500	10	<20
1250	N	N	N	N	N	15	100	N	200	<10	N
1250A	N	N	N	15	100	100	700	N	700	N	<20
1251	N	N	N	10	N	15	150	N	700	<10	N
1251A	N	N	N	10	N	150	500	N	1,000	N	N
1252	N	N	N	10	70	150	700	N	300	10	150
1253	N	N	N	10	150	150	500	N	500	10	20
1254	N	N	N	10	200	50	150	N	500	10	20
1255	N	N	N	10	500	100	150	N	300	10	N

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
1338	N	20	30	500	500	<100	700	N	>2,000	N
1340	N	30	N	1,500	500	<100	300	500	>2,000	N
				Petersburg D4--continued						
0213	N	10	N	500	300	N	500	N	>2,000	N
0214	N	10	N	700	300	N	300	N	>2,000	N
0409	N	10	N	1,500	500	N	500	N	>2,000	N
0410	N	20	N	2,000	500	N	500	N	>2,000	N
0411	N	10	N	2,000	500	100	1,000	N	>2,000	N
1162	N	10	N	1,500	1,000	N	1,500	N	>2,000	N
1163	N	10	N	5,000	500	N	700	N	>2,000	N
1164	N	10	N	5,000	700	N	1,500	N	>2,000	N
1165	N	10	N	5,000	500	N	1,000	N	>2,000	N
1166	N	20	N	7,000	700	N	700	N	>2,000	N
1167	N	10	N	1,500	300	N	700	N	>2,000	N
1220	N	10	N	700	700	N	1,000	N	>2,000	N
1221	N	10	N	1,500	500	N	500	N	>2,000	N
1222	N	10	N	2,000	300	N	200	N	700	N
1224	N	10	N	1,500	100	N	70	N	1,000	N
1225	N	10	N	1,000	200	N	200	N	1,500	N
1225A	N	30	N	700	500	N	1,500	N	>2,000	N
1226	N	10	N	1,500	300	N	500	N	>2,000	N
1227	N	10	N	500	300	N	200	N	1,000	N
1229	N	10	N	500	300	N	100	N	2,000	N
1237	N	10	N	1,500	300	N	500	N	>2,000	N
1238	N	10	N	1,500	200	N	200	N	2,000	N
1239	N	10	N	1,500	300	N	200	N	2,000	N
1240	N	10	N	700	300	N	100	N	150	N
1241	N	10	N	700	300	N	300	N	2,000	N
1242	N	10	N	1,500	500	N	500	N	1,000	N
1243	N	10	N	1,500	500	N	100	<500	500	N
1245	N	10	N	200	700	N	500	N	>2,000	N
1246	N	10	N	1,500	200	N	150	<500	200	N
1247	N	20	N	2,000	300	N	300	N	2,000	N
1248	N	20	N	1,000	500	N	500	N	2,000	N
1249	N	20	N	1,000	300	N	300	N	>2,000	N
1250	N	15	N	500	200	N	200	N	1,000	N
1250A	N	50	N	1,500	500	N	1,000	N	>2,000	N
1251	N	15	N	300	300	N	700	N	2,000	N
1251A	N	50	N	1,000	500	N	1,500	N	>2,000	N
1252	N	20	N	10,000	700	N	1,000	N	>2,000	N
1253	N	20	30	5,000	700	N	1,500	N	>2,000	N
1254	N	20	N	2,000	700	N	500	N	>2,000	N
1255	N	30	N	2,000	700	N	500	N	>2,000	N

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
1256	56 55 35	133 8 25	2.0	.70	10.0	>2.00	1,500	N	N	N	70	500
1257	56 55 42	133 7 35	2.0	.50	7.0	>2.00	1,500	N	N	N	20	300
1258	56 56 5	133 5 8	5.0	.50	10.0	>2.00	1,500	N	N	N	20	300
1259	56 55 44	133 10 12	2.0	.50	10.0	>2.00	1,500	N	N	N	70	300
1260	56 57 3	133 1 55	2.0	.70	10.0	>2.00	1,500	N	N	N	30	500
1261	56 56 40	133 0 30	2.0	.70	20.0	>2.00	1,500	N	N	N	20	500
1263	56 58 32	133 4 12	5.0	2.00	30.0	>2.00	2,000	N	N	N	100	500
1264	56 59 30	133 12 48	2.0	.70	50.0	>2.00	2,000	N	N	N	20	300
1267	56 59 31	133 13 0	5.0	1.50	50.0	>2.00	2,000	N	N	N	20	500
1268	56 59 10	133 4 20	5.0	10.00	50.0	>2.00	1,500	N	N	N	20	1,000
1366	56 49 45	133 1 7	2.0	.50	5.0	>2.00	1,500	N	N	N	20	300
					Petersburg D5--continued							
0215	56 45 58	133 20 37	5.0	1.00	7.0	>2.00	1,500	N	N	N	50	1,500
0216	56 45 8	133 22 52	5.0	1.50	10.0	>2.00	2,000	N	N	N	100	5,000
0216A	56 45 8	133 22 52	5.0	1.50	7.0	>2.00	1,500	N	N	N	50	10,000
0218	56 45 23	133 25 48	5.0	2.00	10.0	>2.00	1,500	N	N	N	50	700
0219	56 45 27	133 26 8	5.0	2.00	10.0	>2.00	1,500	N	N	N	50	1,500
0220	56 45 36	133 26 9	5.0	1.50	7.0	>2.00	1,500	N	N	N	70	700
0398	56 47 7	133 20 23	7.0	1.00	10.0	>2.00	2,000	7.0	N	N	30	10,000
0398A	56 47 7	133 20 23	15.0	1.00	5.0	2.00	1,000	30.0	N	N	70	>10,000
0399	56 49 16	133 21 25	5.0	1.50	10.0	>2.00	1,500	N	N	N	200	500
0400	56 51 5	133 22 20	7.0	20.00	20.0	>2.00	2,000	N	N	N	100	500
0401	56 50 57	133 22 30	7.0	20.00	20.0	>2.00	2,000	N	N	N	100	1,500
0402	56 50 56	133 24 20	7.0	1.50	20.0	>2.00	1,500	N	N	N	100	1,000
0403	56 50 54	133 24 33	5.0	1.50	20.0	>2.00	2,000	N	N	N	100	1,000
0404	56 51 17	133 27 0	10.0	5.00	20.0	>2.00	1,500	N	N	N	100	5,000
0405	56 51 20	133 27 0	10.0	1.00	10.0	2.00	1,500	N	N	N	20	1,000
0406	56 48 40	133 28 20	5.0	10.00	50.0	2.00	2,000	1.0	N	N	100	5,000
0407	56 48 41	133 28 30	5.0	5.00	20.0	>2.00	2,000	7.0	N	N	100	1,000
0963	56 53 59	133 26 30	7.0	2.00	7.0	2.00	1,500	N	N	N	50	500
0964	56 53 52	133 26 21	7.0	3.00	10.0	2.00	2,000	N	N	N	70	1,000
0965	56 55 40	133 26 27	5.0	5.00	20.0	>2.00	1,500	N	N	N	<20	300
0966	56 55 42	133 26 55	5.0	2.00	10.0	>2.00	1,500	N	N	N	100	500
0967	56 56 40	133 26 35	20.0	1.00	7.0	2.00	1,500	1.0	N	N	70	1,500
0968	56 57 8	133 22 10	5.0	2.00	7.0	2.00	1,500	N	N	N	50	700
0969	56 56 50	133 21 32	2.0	1.50	7.0	2.00	1,500	N	N	N	20	700
0970	56 56 40	133 21 45	5.0	1.50	7.0	2.00	1,500	N	N	N	20	500
0971	56 55 42	133 20 35	5.0	2.00	7.0	1.50	1,500	N	N	N	20	1,000
0972	56 57 2	133 21 20	2.0	2.00	10.0	>2.00	1,500	N	N	N	50	700
0973	56 53 22	133 31 25	2.0	1.50	7.0	2.00	1,500	N	N	N	50	700
0974	56 53 20	133 31 13	5.0	1.50	10.0	2.00	1,500	N	N	N	50	1,000
0975	56 53 18	133 31 34	2.0	2.00	7.0	>2.00	1,500	N	N	N	70	500

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
1256	N	N	N	10	150	50	150	N	500	10	30
1257	N	N	N	10	150	50	500	N	300	10	<20
1258	N	N	N	10	200	100	700	20	300	10	<20
1259	N	N	N	10	200	70	200	N	200	10	N
1260	N	N	N	10	150	100	500	N	500	10	N
1261	N	N	N	10	200	100	500	N	300	10	N
1263	N	N	N	10	700	150	1,000	N	500	10	150
1264	N	N	N	10	200	100	1,000	N	300	10	150
1267	N	N	N	10	700	150	1,500	N	500	10	20
1268	N	N	N	30	3,000	150	500	N	200	70	200
1366	N	N	N	10	50	10	100	N	500	10	N
Petersburg D5--continued											
0215	?	N	N	20	100	150	100	N	200	50	20
0216	N	N	N	10	100	70	150	N	500	10	70
0216A	N	N	N	10	100	100	150	N	500	10	20
0218	N	N	N	10	70	30	150	N	500	10	70
0219	N	N	N	20	100	70	150	N	500	10	50
0220	N	N	N	10	150	150	300	N	500	10	<20
0398	N	N	N	50	100	150	100	N	50	50	100
0398A	N	N	N	70	20	300	150	N	200	150	700
0399	?	N	N	20	150	150	700	N	1,000	10	50
0400	?	N	N	20	500	150	300	N	500	10	50
0401	?	N	N	20	150	150	300	N	300	10	N
0402	?	N	N	20	150	150	500	N	1,000	10	N
0403	?	N	N	20	150	100	500	N	1,000	10	100
0404	?	N	N	20	150	200	300	N	200	100	70
0405	N	N	N	20	150	200	150	10	100	70	20
0406	?	N	70	20	150	2,000	300	N	100	10	100
0407	?	N	N	20	150	700	200	N	300	10	50
0963	?	N	N	20	300	150	150	N	70	10	<20
0964	?	N	N	50	500	500	100	N	50	10	20
0965	?	N	N	30	1,500	150	150	N	150	150	<20
0966	?	N	N	10	500	300	200	N	500	10	<20
0967	?	N	150	30	150	300	70	20	70	500	50
0968	?	N	N	10	150	100	150	N	300	10	N
0969	?	N	N	10	150	15	150	N	200	10	N
0970	?	N	N	10	150	15	200	N	500	10	N
0971	?	N	N	30	200	200	100	N	50	20	N
0972	?	N	N	10	200	15	200	N	500	10	N
0973	?	N	N	10	150	10	100	N	150	10	N
0974	?	N	N	10	150	100	100	N	150	10	N
0975	?	N	N	10	200	10	200	N	300	10	N

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
1256	N	20	20	5,000	700	N	1,000	N	>2,000	N
1257	N	30	N	1,000	700	N	1,500	N	>2,000	N
1258	N	20	20	2,000	1,000	N	1,500	N	>2,000	N
1259	N	30	N	5,000	700	N	1,000	N	>2,000	N
1260	N	20	30	5,000	700	N	1,000	N	>2,000	N
1261	N	10	30	5,000	700	N	1,000	N	>2,000	N
1263	N	30	30	5,000	700	N	1,500	N	>2,000	N
1264	N	30	30	10,000	700	N	1,500	N	>2,000	N
1267	N	30	20	10,000	700	N	1,500	N	>2,000	N
1268	N	50	20	10,000	500	N	500	N	>2,000	N
1366	N	10	N	1,000	200	N	200	N	>2,000	N
Petersburg D5--continued										
0215	N	10	N	500	300	N	200	<500	>2,000	N
0216	N	10	30	2,000	500	N	500	N	1,500	N
0216A	N	10	N	1,500	500	N	500	N	>2,000	200
0218	N	10	30	5,000	300	<100	500	N	>2,000	N
0219	N	20	N	2,000	500	N	500	500	2,000	N
0220	N	10	N	1,500	300	N	500	2,000	>2,000	N
0398	N	30	N	1,500	500	N	200	2,000	1,000	N
0398A	N	20	N	700	200	N	500	15,000	>2,000	N
0399	N	20	N	10,000	700	N	500	N	>2,000	N
0400	N	30	N	10,000	700	N	300	N	1,500	N
0401	N	20	N	10,000	500	N	200	N	>2,000	N
0402	N	20	N	5,000	500	N	500	N	>2,000	N
0403	N	20	N	5,000	500	N	700	N	>2,000	N
0404	N	20	N	10,000	300	N	500	N	2,000	N
0405	N	20	N	1,000	200	N	200	500	2,000	N
0406	N	20	N	10,000	500	N	200	3,000	500	N
0407	N	20	N	10,000	700	N	300	N	>2,000	N
0963	N	30	N	1,500	700	N	150	N	2,000	N
0964	N	50	N	2,000	700	N	150	N	2,000	N
0965	N	100	N	1,000	500	N	300	N	>2,000	N
0966	N	30	N	1,500	700	N	300	N	>2,000	N
0967	N	10	N	1,500	300	N	200	2,000	>2,000	N
0968	N	150	N	2,000	500	N	300	N	>2,000	N
0969	N	200	N	1,500	500	N	200	N	>2,000	N
0970	N	150	N	1,500	500	N	500	N	>2,000	N
0971	N	200	N	2,000	500	N	100	N	1,000	N
0972	N	200	N	5,000	500	N	300	N	>2,000	N
0973	N	150	N	2,000	700	N	150	N	1,500	N
0974	N	150	N	2,000	500	N	150	N	1,500	N
0975	N	200	N	2,000	500	N	200	N	2,000	N

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
0976	56 53 0	133 31 25	2.0	1.00	5.0	1.50	500	N	N	N	20	200
0977	56 52 25	133 37 20	2.0	.70	5.0	1.00	500	N	N	N	20	1,500
0978	56 52 20	133 34 30	2.0	1.00	5.0	1.50	1,000	N	N	N	<20	1,000
1159	56 59 55	133 20 58	5.0	1.00	10.0	>2.00	1,500	N	N	N	50	1,000
1161	56 58 55	133 20 8	15.0	.70	7.0	>2.00	1,500	N	N	N	100	700
1185	56 49 7	133 39 5	5.0	1.00	5.0	>2.00	1,500	N	N	N	70	10,000
1187	56 49 0	133 39 15	2.0	1.50	7.0	>2.00	2,000	N	N	N	20	700
1189	56 46 54	133 31 0	5.0	1.50	7.0	>2.00	1,500	N	N	N	70	10,000
1190	56 48 1	133 35 40	2.0	1.00	7.0	>2.00	1,500	N	N	N	30	1,000
1191	56 46 45	133 31 0	5.0	1.50	7.0	>2.00	1,500	N	N	N	30	300
1192	56 47 52	133 35 55	5.0	1.00	3.0	>2.00	1,000	N	N	N	<20	1,500
1207	56 58 42	133 33 43	2.0	1.00	7.0	>2.00	1,000	N	N	N	20	300
1209	56 56 50	133 37 15	2.0	1.00	7.0	>2.00	1,000	N	N	N	20	300
1210	56 58 18	133 33 38	1.5	1.00	7.0	>2.00	1,500	N	N	N	20	500
1211	56 56 50	133 37 6	5.0	.70	7.0	>2.00	1,000	N	N	N	20	300
1212	56 58 25	133 33 32	2.0	1.50	7.0	>2.00	1,500	N	N	N	50	700
1215	56 54 25	133 33 45	2.0	1.00	5.0	1.50	1,000	N	N	N	50	500
1216	56 57 55	133 39 38	2.0	.70	5.0	2.00	500	N	N	N	50	1,000
1217	56 56 40	133 39 38	1.5	1.00	7.0	2.00	1,000	N	N	N	20	300
1218	56 56 22	133 37 45	2.0	1.00	5.0	2.00	1,000	N	N	N	50	700
1219	56 55 6	133 39 33	2.0	.70	7.0	>2.00	1,000	N	N	N	20	300
1223	56 53 3	133 20 35	5.0	.70	7.0	2.00	1,000	N	N	N	20	500
1278	56 50 50	133 30 22	2.0	2.00	20.0	>2.00	1,500	N	N	N	70	1,000
1369	56 47 22	133 24 57	5.0	1.50	7.0	>2.00	1,500	N	N	N	50	10,000
1370	56 47 52	133 22 5	5.0	1.50	7.0	>2.00	1,500	N	N	N	70	2,000
1370A	56 47 52	133 22 5	2.0	1.50	10.0	>2.00	1,500	N	N	N	50	1,000

Petersburg 06--continued

0643	56 46 23	133 44 20	10.0	2.00	7.0	1.50	2,000	N	N	N	50	150
0646	56 48 0	133 50 20	3.0	1.00	10.0	>2.00	1,500	N	N	N	70	500
0646A	56 48 0	133 50 20	2.0	1.50	7.0	>2.00	1,500	N	N	N	150	1,500
0648	56 46 25	133 51 42	7.0	1.00	10.0	>2.00	1,500	N	N	N	70	1,000
0667A	56 45 10	133 55 10	5.0	2.00	10.0	5.00	2,000	N	N	N	150	700
0677	56 45 10	133 55 10	5.0	1.00	2.0	>2.00	1,500	N	N	N	100	2,000
0678	56 46 33	133 59 40	3.0	3.00	5.0	2.00	1,000	N	N	N	<150	5,000
1130	56 56 17	133 52 2	5.0	1.50	20.0	>2.00	2,000	15.0	N	N	70	>10,000
1131	56 56 15	133 51 55	2.0	1.50	20.0	>2.00	2,000	N	N	N	50	>10,000
1132	56 54 0	133 43 30	5.0	1.50	20.0	>2.00	2,000	N	N	N	70	>10,000
1133	56 55 28	133 41 45	5.0	2.00	20.0	>2.00	2,000	N	N	N	100	>10,000
1134	56 56 53	133 44 30	7.0	1.50	7.0	>2.00	1,500	N	N	N	70	>10,000
1135	56 55 58	133 42 43	2.0	.70	3.0	1.50	300	N	N	N	<20	500
1136	56 56 55	133 44 18	2.0	1.50	20.0	>2.00	1,500	N	N	N	70	>10,000
1137	56 58 10	133 43 45	2.0	.50	3.0	2.00	500	N	N	N	20	>10,000

PETERSBURG STUDY AREA C3 ANALYSES--continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
0976	N	N	N	<10	150	<10	50	N	70	20	N
0977	N	N	N	<10	100	15	50	N	50	10	N
0978	N	N	N	10	150	15	50	N	70	10	30
1159	2	N	N	10	100	100	700	N	150	10	<20
1161	2	N	N	200	70	300	700	N	200	150	100
1185	N	N	N	50	100	200	300	N	500	10	70
1187	N	N	N	10	100	30	150	N	700	10	20
1189	N	N	N	50	150	150	300	N	200	50	100
1190	N	N	N	10	100	70	300	N	500	10	50
1191	N	N	N	10	70	70	100	70	300	10	150
1192	2	N	N	20	150	100	50	N	500	10	500
1207	2	N	N	10	20	10	100	N	200	10	20
1209	2	N	N	10	50	20	200	N	500	10	N
1210	2	N	N	10	50	15	200	N	200	10	70
1211	2	N	N	20	70	70	100	N	300	10	<20
1212	N	N	N	10	50	10	150	N	150	10	<20
1215	2	N	N	10	50	10	100	N	70	10	<20
1216	2	N	N	10	50	10	150	N	100	10	20
1217	2	N	N	10	50	15	150	N	200	10	<20
1218	2	N	N	10	50	10	100	N	150	10	<20
1219	2	N	N	10	30	20	200	N	500	10	N
1223	2	N	70	30	30	100	100	N	200	10	150
1278	2	N	N	10	200	100	500	N	1,000	10	50
1369	N	N	N	20	70	150	300	N	500	<10	<20
1370	N	N	N	10	150	150	300	N	500	N	<20
1370A	N	N	N	10	70	150	300	N	200	N	<20
Petersburg D6--continued											
0643	2	N	N	30	200	50	N	N	50	30	N
0646	N	N	N	20	200	100	150	N	200	10	<20
0646A	N	700	N	20	150	500	200	N	300	N	N
0648	N	N	N	10	100	30	500	N	200	10	<20
0667A	N	N	N	N	200	20	150	N	150	20	N
0677	N	N	N	10	150	100	100	N	300	N	<20
0678	N	N	N	N	500	<20	100	N	N	20	N
1130	N	N	200	10	150	100	500	N	500	10	300
1131	N	N	N	10	150	70	500	N	300	10	30
1132	N	N	N	10	300	100	500	N	300	10	20
1133	N	N	N	10	200	100	500	N	300	10	30
1134	2	N	N	10	200	100	200	N	150	10	70
1135	N	N	N	N	70	30	150	N	200	10	N
1136	N	N	N	10	150	50	300	N	200	10	50
1137	N	N	N	N	30	20	100	N	200	10	N

PETERSBURG STUDY AREA C3 ANALYSES--continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
0976	N	15	N	700	200	N	100	N	1,000	N
0977	N	10	N	700	200	N	70	N	500	N
0978	N	15	N	700	200	N	70	N	1,500	N
1159	N	20	N	5,000	700	N	700	N	>2,000	N
1161	N	10	N	2,000	500	N	1,000	N	>2,000	N
1185	N	20	N	700	500	N	500	N	>2,000	1,500
1187	N	10	N	500	500	N	500	N	2,000	N
1189	N	30	N	700	500	N	500	N	>2,000	2,000
1190	N	30	20	500	500	N	700	N	>2,000	1,000
1191	N	10	N	300	500	N	300	1,000	>2,000	N
1192	N	30	N	500	500	N	300	N	>2,000	N
1207	N	10	N	2,000	300	N	200	N	>2,000	N
1209	N	10	N	1,000	500	N	500	N	>2,000	N
1210	N	30	N	1,500	700	N	300	N	2,000	N
1211	N	30	N	1,500	500	N	500	N	>2,000	N
1212	N	20	N	2,000	700	N	500	N	2,000	N
1215	N	10	N	2,000	300	N	200	N	700	N
1216	N	10	N	1,500	300	N	100	N	1,000	N
1217	N	10	N	2,000	300	N	200	N	2,000	N
1218	N	10	N	1,500	500	N	150	N	2,000	N
1219	N	10	N	700	300	N	500	N	>2,000	N
1223	N	10	N	1,500	200	N	200	2,000	>2,000	N
1278	N	30	N	10,000	500	N	700	N	>2,000	N
1369	N	50	N	1,000	300	N	700	N	>2,000	N
1370	N	50	N	1,000	300	N	700	N	>2,000	N
1370A	N	50	N	1,000	300	N	1,000	N	>2,000	N
				Petersburg D6--continued						
0643	N	20	700	700	500	N	150	700	200	N
0646	N	30	N	1,500	300	N	300	2,000	>2,000	N
0646A	N	20	N	1,500	700	N	1,000	2,000	>2,000	N
0648	N	10	N	2,000	700	N	1,000	N	>2,000	N
0667A	N	20	N	1,500	700	N	300	3,000	>5,000	N
0677	N	50	1,500	500	500	N	700	3,000	>2,000	N
0678	N	20	N	500	300	N	150	N	5,000	N
1130	N	20	N	2,000	700	N	700	20,000	>2,000	N
1131	N	20	N	10,000	700	N	500	2,000	>2,000	N
1132	N	20	N	10,000	700	N	700	2,000	>2,000	N
1133	N	20	N	5,000	700	N	500	N	1,500	N
1134	N	10	N	5,000	700	N	200	N	1,000	N
1135	N	20	N	500	300	N	200	N	>2,000	N
1136	N	20	N	5,000	700	N	500	N	>2,000	N
1137	N	15	N	1,000	300	N	200	N	>2,000	N

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
1138	56 58 3	133 51 9	7.0	2.00	30.0	>2.00	2,000	N	N	N	50	>10,000
1139	56 58 5	133 43 38	5.0	2.00	20.0	>2.00	1,500	N	N	N	100	>10,000
1140	56 59 25	133 57 52	5.0	2.00	30.0	>2.00	1,500	N	N	N	70	>10,000
1141	56 57 15	133 46 5	2.0	5.00	20.0	>2.00	2,000	N	N	N	70	>10,000
1143	56 58 27	133 55 50	10.0	10.00	30.0	>2.00	5,000	N	N	N	100	>10,000
1144	56 53 56	133 48 49	15.0	5.00	50.0	>2.00	3,000	N	N	N	100	10,000
1147	56 55 17	133 50 38	7.0	1.50	10.0	>2.00	1,500	N	N	N	70	>10,000
1168	56 59 48	133 51 48	2.0	1.50	7.0	>2.00	1,500	N	N	N	50	>10,000
1169	56 59 55	133 52 18	7.0	5.00	5.0	2.00	1,500	2.0	N	N	200	10,000
1170	56 59 57	133 51 42	2.0	.70	2.0	>2.00	1,500	N	N	N	20	>10,000
1172	56 58 50	133 55 30	7.0	1.50	5.0	2.00	1,500	2.0	N	N	70	>10,000
1174	56 50 47	133 48 33	2.0	.20	7.0	>2.00	1,000	N	N	N	70	500
1176	56 49 42	133 45 10	5.0	1.50	7.0	>2.00	1,500	N	N	N	50	1,500
1178	56 50 56	133 42 49	7.0	1.00	7.0	>2.00	1,500	N	N	N	70	1,000
1180	56 52 25	133 40 9	5.0	1.50	7.0	>2.00	1,500	N	N	N	50	>10,000
1182	56 51 22	133 41 35	2.0	1.00	7.0	>2.00	1,000	N	N	N	<20	5,000
1183	56 50 21	133 40 25	5.0	1.50	5.0	>2.00	1,500	N	N	N	70	1,500
1184	56 52 41	133 44 15	15.0	1.00	3.0	>2.00	500	N	N	N	30	1,000
1186	56 50 39	133 40 8	2.0	.70	5.0	>2.00	1,000	N	N	N	70	5,000
1188	56 49 52	133 40 10	5.0	1.00	5.0	>2.00	1,500	N	N	N	70	1,500
1193	56 47 30	133 40 36	5.0	1.50	7.0	>2.00	1,500	N	N	N	70	500
1194	56 48 7	133 40 2	2.0	1.00	5.0	>2.00	1,000	N	N	N	20	500
1195	56 46 4	133 55 34	3.0	.70	3.0	1.00	700	N	N	N	30	10,000
1196	56 45 22	133 41 8	7.0	1.50	5.0	2.00	1,000	N	N	N	30	300
1198	56 47 8	133 47 30	2.0	.70	5.0	>2.00	1,500	N	N	N	70	7,000
1371	56 47 6	133 59 4	2.0	1.50	7.0	>2.00	1,500	N	N	N	50	5,000
1372	56 46 42	133 59 37	2.0	5.00	7.0	>2.00	1,500	N	N	N	20	3,000

Port Alexander A1--continued

0503	56 11 36	134 11 19	2.0	1.00	15.0	.30	1,000	N	N	N	30	200
0504	56 10 32	134 10 12	7.0	1.50	7.0	.50	1,500	N	N	N	100	1,000
0505	56 13 40	134 7 32	2.0	1.00	10.0	2.00	700	N	N	N	30	300
0506	56 13 36	134 7 37	2.0	1.00	10.0	1.50	1,000	N	N	N	70	150
0514	56 14 47	134 2 52	7.0	2.00	10.0	2.00	1,500	N	N	N	150	300
0515	56 13 36	134 3 8	.5	.05	7.0	.10	300	N	N	N	50	50
0516	56 11 32	134 0 29	7.0	1.00	7.0	.20	1,500	N	N	N	20	100
0517	56 11 27	134 0 19	7.0	.20	7.0	.20	300	2.0	N	N	70	200
0518	56 10 20	134 7 45	5.0	.50	5.0	>2.00	1,500	N	N	N	500	200
0521	56 14 25	134 12 20	50.0	.50	1.0	.50	500	1.0	500	N	50	300
0522	56 14 20	134 12 25	50.0	.50	1.5	.70	700	1.0	N	N	50	500
0523	56 13 32	134 15 15	7.0	5.00	10.0	1.00	2,000	N	N	N	150	>10,000
0525	56 12 0	134 14 50	15.0	1.00	5.0	>2.00	500	N	N	N	70	10,000
0526	56 12 47	134 14 50	30.0	2.00	10.0	>2.00	2,000	N	N	N	150	>10,000
0527	56 8 38	134 12 45	2.0	2.00	10.0	>2.00	1,000	N	N	N	<20	1,000

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
1138	N	N	N	10	500	150	700	N	200	10	20
1139	N	N	N	10	500	100	500	N	500	10	20
1140	N	N	200	10	500	100	700	N	500	10	20
1141	N	N	N	10	500	150	700	N	500	10	20
1143	N	N	N	30	700	100	500	N	100	70	70
1144	N	N	N	70	1,000	200	500	N	150	100	100
1147	2	N	150	10	150	200	500	N	200	10	50
1168	N	N	N	10	700	100	100	N	500	10	<20
1169	N	N	N	20	1,000	50	70	N	200	70	20
1170	N	N	N	N	150	20	50	N	300	10	<20
1172	N	N	100	15	200	200	50	N	100	70	<20
1174	N	N	100	10	100	15	300	N	500	10	N
1176	N	N	N	10	150	100	500	N	500	10	30
1178	N	N	N	50	150	150	300	N	150	10	70
1180	N	N	150	10	100	100	200	N	500	10	<20
1182	2	N	N	10	70	20	150	N	300	10	<20
1183	N	N	N	20	150	20	200	N	150	10	30
1184	N	N	N	70	70	200	100	N	150	150	70
1186	N	N	N	10	70	30	200	N	300	10	<20
1188	N	N	N	10	150	100	50	N	200	10	<20
1193	2	N	N	10	150	70	200	N	300	10	50
1194	2	N	N	10	70	30	200	15	500	10	20
1195	N	N	70	10	100	100	200	<10	100	10	70
1196	2	N	N	20	150	150	100	N	100	30	20
1198	2	N	N	10	100	20	150	N	200	10	<20
1371	N	N	N	20	500	150	300	N	300	N	<20
1372	N	N	N	30	1,000	30	300	N	500	50	<20
Port Alexander A1--continued											
0503	2	N	N	20	30	<10	50	N	N	10	<20
0504	5	N	N	20	70	70	N	N	N	10	N
0505	2	N	N	30	70	100	500	N	<50	10	20
0506	7	N	N	10	20	10	50	N	50	10	<20
0514	2	N	N	10	500	10	50	N	70	10	N
0515	5	N	N	N	N	<10	N	N	N	10	N
0516	N	N	N	20	500	15	50	N	70	50	N
0517	5	N	N	30	50	10	N	N	N	30	N
0518	5	N	N	10	150	20	50	N	150	10	N
0521	N	N	N	100	50	200	50	N	N	70	200
0522	N	N	N	70	70	200	50	N	N	70	200
0523	2	N	N	30	150	100	200	N	N	70	20
0525	2	N	N	30	70	150	50	N	70	150	20
0526	2	N	N	30	500	200	200	N	N	100	20
0527	2	N	N	10	50	30	300	N	200	10	N

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
1138	N	30	300	10,000	1,500	N	700	2,000	>2,000	N
1139	N	30	N	5,000	1,500	N	700	N	>2,000	N
1140	N	30	N	10,000	700	N	1,000	10,000	>2,000	
1141	N	30	N	10,000	1,000	N	700	500	>2,000	
1143	N	30	N	10,000	500	N	500	N	1,000	
1144	N	70	N	5,000	500	N	700	N	>2	
1147	N	20	N	5,000	700	N	700	7,000		
1149	N	30	N	1,500	500					
1172	N	20	N	1,000	[illegible]					
1174	N	30	N	500	500		[illegible]	2,000		
1176	N	50	N	1,500	500	N	500	N	>2,000	
1178	N	30	N	700	500	N	500	N	>2,000	N
1180	N	20	N	2,000	300	N	500	2,000	>2,000	N
1182	N	10	N	1,500	300	N	300	N	>2,000	N
1183	N	20	N	1,500	300	N	200	N	>2,000	N
1184	N	10	N	500	200	N	200	N	>2,000	N
1186	N	20	N	1,500	500	N	500	N	>2,000	700
1188	N	30	N	500	300	N	500	N	>2,000	1,000
1193	N	30	N	700	500	N	300	N	>2,000	N
1194	N	20	N	500	500	N	300	N	>2,000	700
1195	N	15	<20	300	150	N	200	10,000	>2,000	N
1196	N	10	20	1,000	200	N	150	500	2,000	N
1198	N	10	700	1,000	300	N	300	N	>2,000	N
1371	N	20	50	1,500	700	N	1,000	700	>2,000	N
1372	N	20	N	2,000	700	N	500	N	>2,000	N
Port Alexander A1--continued										
0503	N	20	N	500	200	N	50	N	300	N
0504	N	10	N	1,500	500	N	20	N	300	N
0505	N	20	N	700	200	N	70	N	2,000	N
0506	N	10	N	200	200	N	100	N	700	N
0514	N	20	N	200	1,000	N	70	N	2,000	N
0515	N	10	N	N	200	N	N	N	50	N
0516	N	30	N	N	500	N	70	N	700	N
0517	N	10	N	200	300	N	N	N	100	N
0518	N	20	N	500	500	N	150	N	700	N
0521	N	10	N	200	70	N	50	N	1,000	N
0522	N	10	N	200	70	N	50	N	500	N
0523	N	20	N	10,000	500	N	70	N	300	N
0525	N	20	N	1,500	300	N	70	N	1,000	N
0526	N	30	N	10,000	700	N	100	N	2,000	N
0527	N	10	N	500	500	N	200	N	>2,000	N

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
0528	56 10 25	134 14 5	20.0	5.00	7.0	>2.00	5,000	N	N	N	150	500
0529	56 6 23	134 12 30	5.0	2.00	10.0	.70	1,000	N	N	N	<20	1,000
0530	56 8 28	134 13 38	7.0	2.00	10.0	>2.00	1,500	1.0	N	N	<20	500
0531	56 4 28	134 13 46	15.0	.70	7.0	>2.00	1,500	N	N	N	<20	300
0532	56 6 52	134 13 50	20.0	1.50	20.0	2.00	1,500	N	N	N	100	300
0533	56 1 14	134 9 20	10.0	5.00	7.0	2.00	1,500	N	N	N	2,000	1,000
0534	56 5 40	134 13 20	2.0	1.00	5.0	>2.00	1,000	7.0	N	N	<20	200
0535	56 8 50	134 1 30	10.0	5.00	7.0	2.00	1,500	N	N	N	70	500
0536	56 3 33	134 10 0	2.0	1.50	7.0	2.00	700	30.0	N	N	50	200
0537	56 10 10	134 0 36	7.0	2.00	7.0	2.00	1,500	N	N	N	70	200
0538	56 3 26	134 7 26	10.0	2.00	7.0	>2.00	2,000	N	N	N	100	500
0539	56 8 4	134 9 10	2.0	.20	5.0	>2.00	1,000	N	N	N	50	500
0540	56 5 35	134 1 23	2.0	1.00	10.0	1.50	1,000	N	N	N	70	70
0541	56 7 21	134 10 16	2.0	1.50	10.0	>2.00	1,500	N	N	N	20	1,000
0542	56 7 20	134 10 7	2.0	.20	7.0	>2.00	1,500	N	N	N	20	1,500
0543	56 6 55	134 6 40	5.0	.70	7.0	>2.00	1,500	N	N	N	70	1,000
0544	56 6 16	134 6 35	10.0	1.50	10.0	>2.00	1,000	N	1,500	N	30	300
0545	56 5 16	134 9 19	5.0	2.00	7.0	>2.00	1,500	N	N	N	50	300
0546	56 5 27	134 9 8	5.0	2.00	10.0	.70	700	N	N	N	20	150
1027	56 2 15	134 6 48	7.0	.70	3.0	1.00	700	N	N	N	30	500
1042	56 10 48	134 14 32	5.0	1.50	2.0	2.00	1,000	N	N	N	70	1,500
1044	56 9 20	134 12 20	2.0	1.50	10.0	2.00	1,500	N	N	N	20	700
1045	56 7 29	134 15 20	7.0	1.50	7.0	1.00	1,500	N	3,000	N	150	2,000
1046	56 2 40	134 9 25	5.0	1.50	7.0	2.00	1,500	N	N	N	70	300
1047	56 8 6	134 6 20	5.0	1.00	7.0	>2.00	1,500	N	N	N	50	700
1048	56 6 13	134 8 3	2.0	2.00	7.0	>2.00	1,500	N	N	N	20	500
1049	56 13 28	134 10 56	5.0	1.00	10.0	>2.00	1,500	N	N	N	20	300
1056	56 14 50	134 5 51	10.0	1.50	5.0	1.50	700	N	N	N	50	150
1058	56 12 30	134 13 30	7.0	1.50	5.0	>2.00	1,000	N	N	N	20	1,500
Port Alexander B1--continued												
0507	56 16 36	134 4 58	7.0	.50	5.0	.50	700	1.0	N	N	50	2,000
0508	56 17 7	134 4 43	1.5	.70	2.0	.50	500	N	N	N	70	200
0509	56 19 2	134 4 52	1.5	.10	10.0	>2.00	1,000	N	N	N	20	300
0510	56 19 0	134 4 58	5.0	2.00	100.0	5.00	5,000	N	N	N	200	500
0511	56 18 40	134 3 51	2.0	.10	10.0	.20	500	N	N	N	30	200
0512	56 16 57	134 2 40	1.0	.10	10.0	1.50	1,000	N	N	N	30	200
0513	56 16 3	134 2 21	2.0	.20	10.0	1.00	500	N	N	N	30	150
0520	56 15 38	134 7 58	5.0	.50	7.0	>2.00	1,500	N	N	N	300	200
0524	56 15 1	134 16 25	7.0	2.00	7.0	1.00	1,000	N	N	N	20	10,000
0562	56 19 59	134 0 3	5.0	1.00	20.0	>2.00	1,500	N	N	N	150	100

PETERSBURG STUDY AREA C3 ANALYSES--continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
0528	2	N	N	30	500	200	200	70	150	50	<20
0529	7	N	N	10	70	20	N	N	N	10	<20
0530	7	N	N	10	70	50	300	N	150	10	700
0531	2	N	N	70	20	200	1,000	15	500	10	70
0532	10	N	N	30	70	70	N	N	N	10	70
0533	2	N	N	70	700	100	50	N	N	100	<20
0534	N	N	N	20	20	100	300	N	150	10	1,500
0535	2	N	N	50	1,000	100	100	N	N	150	<20
0536	2	N	N	10	20	50	150	N	N	10	N
0537	2	N	N	20	200	30	N	N	50	50	<20
0538	2	N	N	30	150	100	100	15	150	70	50
0539	2	N	N	10	N	50	1,500	70	1,000	10	50
0540	2	N	N	10	20	10	N	N	N	10	20
0541	2	N	N	10	20	70	2,000	20	700	10	20
0542	2	N	N	10	N	70	2,000	50	1,000	10	<20
0543	2	N	N	10	20	50	1,000	100	500	10	20
0544	2	N	N	70	100	100	300	N	50	50	50
0545	2	N	N	10	70	70	1,000	10	500	N	20
0546	2	N	N	10	70	15	N	N	N	N	20
1027	N	N	N	15	100	300	70	N	50	30	<20
1042	2	N	N	10	70	50	50	N	50	10	<20
1044	2	N	N	10	50	30	200	10	70	10	<20
1045	2	N	N	30	100	150	100	N	N	30	100
1046	2	N	N	10	150	15	150	N	100	10	<20
1047	2	N	N	15	150	30	1,500	20	700	10	<20
1048	2	N	N	20	70	70	700	15	500	10	<20
1049	2	N	N	20	70	50	1,500	15	700	10	<20
1056	N	N	N	20	150	100	N	N	N	70	100
1058	2	N	N	20	200	150	50	15	100	70	<20
Port Alexander B1--continued											
0507	2	N	N	30	20	300	300	10	N	100	30
0508	2	N	N	10	20	20	70	N	N	20	N
0509	7	N	N	10	N	10	50	N	70	10	N
0510	10	N	N	20	200	50	500	N	150	20	N
0511	7	N	N	N	N	10	N	N	N	10	N
0512	7	N	N	N	N	10	N	N	50	10	N
0513	7	N	N	N	N	10	N	N	N	10	N
0520	2	N	N	10	20	50	1,000	N	700	10	N
0524	2	N	N	10	50	20	50	N	N	10	20
0562	5	N	N	10	70	15	70	N	70	10	N

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
0528	N	50	N	1,500	1,000	N	300	N	700	N
0529	N	10	N	500	500	N	50	N	500	N
0530	N	10	N	500	500	N	200	N	2,000	N
0531	N	10	N	500	300	N	700	N	>2,000	N
0532	N	15	N	700	500	N	300	N	300	N
0533	N	30	N	700	500	N	150	500	1,000	N
0534	N	20	N	700	150	N	500	N	2,000	N
0535	N	70	N	700	500	N	150	N	2,000	N
0536	N	10	N	300	200	N	100	N	700	N
0537	N	20	N	1,000	500	N	70	N	1,000	N
0538	N	20	N	1,000	500	N	200	N	1,000	N
0539	N	10	700	500	500	2,000	700	N	>2,000	700
0540	N	10	N	N	300	N	50	N	2,000	N
0541	N	10	30	200	500	N	1,000	N	>2,000	300
0542	N	10	30	200	500	N	1,500	N	>2,000	300
0543	N	10	N	500	500	2,000	500	N	>2,000	300
0544	N	30	N	700	200	N	200	N	1,500	N
0545	N	10	N	500	300	N	500	N	2,000	N
0546	N	10	N	1,000	300	N	20	N	500	N
1027	N	<10	N	500	150	300	100	1,500	>2,000	N
1042	N	10	N	500	300	N	70	N	>2,000	N
1044	N	10	N	500	300	N	150	N	>2,000	N
1045	N	10	N	500	200	1,000	70	N	700	N
1046	N	10	N	500	300	200	150	N	>2,000	N
1047	N	10	N	500	300	N	500	N	>2,000	200
1048	N	10	N	500	300	N	300	N	>2,000	<200
1049	N	10	20	500	300	2,000	1,000	N	>2,000	N
1056	N	20	N	500	200	N	50	500	1,500	N
1058	N	30	N	500	300	N	150	1,500	>2,000	N

Port Alexander B1--continued

0507	N	20	N	500	150	N	50	N	200	N
0508	N	10	N	200	200	N	20	N	150	N
0509	N	10	N	N	300	N	100	N	700	N
0510	N	20	N	2,000	500	N	100	N	1,000	N
0511	N	10	N	N	200	N	N	N	70	N
0512	N	10	N	N	200	N	20	N	70	N
0513	N	10	N	N	300	N	20	N	200	N
0520	N	10	N	200	500	300	700	N	>2,000	N
0524	N	10	N	1,500	300	N	70	N	2,000	N
0562	N	30	N	200	500	N	100	N	>2,000	N

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
0571	56 18 30	134 0 4	1.5	.50	20.0	1.50	1,500	N	N	N	70	50
0577	56 21 47	134 2 30	5.0	2.00	50.0	>2.00	1,500	N	N	N	70	700
0578	56 20 30	134 3 25	5.0	1.50	7.0	2.00	1,500	N	N	N	100	500
0579	56 22 38	134 4 51	7.0	1.50	30.0	>2.00	1,500	N	N	N	100	500
0580	56 21 44	134 4 0	5.0	2.00	20.0	>2.00	1,500	N	N	N	100	700
0581	56 22 27	134 7 10	7.0	1.50	20.0	>2.00	3,000	N	N	N	100	1,500
0582	56 24 17	134 7 30	5.0	3.00	10.0	>2.00	2,000	N	N	N	300	700
0583	56 23 0	134 11 7	5.0	1.50	7.0	>2.00	1,500	N	N	N	70	1,000
0584	56 21 42	134 10 7	10.0	2.00	10.0	2.00	3,000	N	3,000	N	100	1,000
0585	56 25 10	134 12 57	7.0	1.50	7.0	2.00	1,500	N	N	N	70	>10,000
0586	56 24 40	134 10 55	10.0	1.50	7.0	2.00	1,500	15.0	N	N	5,000	>10,000
0587	56 21 36	134 13 20	7.0	1.50	7.0	>2.00	5,000	N	N	N	70	>10,000
0588	56 23 23	134 13 36	7.0	1.00	10.0	>2.00	1,500	N	N	N	100	>10,000
0589	56 21 32	134 13 32	7.0	.70	10.0	>2.00	1,500	N	3,000	N	1,500	>10,000
0590	56 21 30	134 13 50	7.0	1.50	20.0	2.00	1,500	N	N	N	200	2,000
0591	56 21 35	134 16 28	5.0	2.00	50.0	>2.00	1,500	N	N	N	100	>10,000
0592	56 18 47	134 14 14	20.0	.70	7.0	>2.00	1,500	N	N	N	70	>10,000
0593	56 19 20	134 12 28	7.0	1.00	50.0	.50	1,500	N	N	N	70	>10,000
0594	56 19 46	134 10 50	20.0	1.50	7.0	>2.00	3,000	N	N	N	200	300
0596	56 17 11	134 9 5	10.0	1.00	5.0	>2.00	700	2.0	1,500	N	100	500
0597	56 17 8	134 11 20	2.0	.20	15.0	>2.00	1,500	N	N	N	<20	200
0598	56 16 50	134 13 2	7.0	5.00	20.0	1.50	1,500	N	N	N	100	300
0599	56 24 32	134 1 23	5.0	1.50	20.0	1.00	1,500	N	N	N	70	200
0600	56 24 28	134 1 28	10.0	10.00	20.0	>2.00	2,000	N	N	N	100	300
0601	56 27 35	134 1 44	15.0	10.00	50.0	>2.00	3,000	N	N	N	5,000	700
0602	56 26 3	134 2 40	7.0	10.00	30.0	2.00	2,000	N	N	N	70	200
0603	56 29 56	134 1 45	10.0	7.00	20.0	2.00	2,000	N	N	N	70	2,000
0604	56 28 28	134 1 56	7.0	5.00	20.0	2.00	1,500	N	N	N	200	150
1030	56 15 45	134 14 35	2.0	2.00	10.0	2.00	1,500	N	N	N	50	200
1032	56 15 3	134 14 0	7.0	1.00	5.0	1.00	1,000	N	N	N	20	150
1034	56 17 35	134 2 50	7.0	1.50	7.0	2.00	1,500	N	N	N	500	150
1036	56 15 10	134 13 0	2.0	1.50	7.0	1.00	1,000	N	15,000	N	20	200
1037	56 15 11	134 2 29	3.0	2.00	3.0	.50	500	N	N	N	<20	100
1038	56 19 10	134 15 35	5.0	.70	2.0	1.00	700	N	N	N	30	>10,000
1039	56 20 45	134 17 25	3.0	2.00	3.0	1.00	700	N	N	N	30	1,000
1040	56 18 3	134 17 20	5.0	2.00	7.0	2.00	1,500	N	2,000	N	50	1,000
1041	56 16 0	134 16 0	7.0	2.00	10.0	2.00	1,500	N	N	N	70	>10,000
1050	56 19 40	134 9 50	7.0	1.50	7.0	2.00	2,000	5.0	N	N	70	50
1051	56 19 30	134 9 40	5.0	1.50	7.0	>2.00	1,500	N	N	N	200	200
1052	56 17 31	134 12 25	2.0	2.00	7.0	1.50	1,500	N	N	N	20	700

PETERSBURG STUDY AREA C3 ANALYSES--continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
0571	7	N	N	10	20	10	N	N	N	10	N
0577	2	N	N	10	500	30	1,000	N	50	10	30
0578	5	N	N	10	100	10	N	N	70	10	N
0579	2	N	N	10	70	10	N	N	N	10	<20
0580	5	N	N	10	100	15	50	N	70	10	<20
0581	5	N	N	20	150	100	500	15	100	10	<20
0582	5	N	N	20	150	20	100	N	N	20	N
0583	7	N	N	10	100	15	100	N	50	10	<20
0584	2	N	N	20	100	50	70	N	50	10	70
0585	2	N	N	10	150	50	100	N	N	10	N
0586	5	N	N	30	70	100	100	10	70	30	50
0587	2	N	N	10	100	50	300	N	N	10	20
0588	5	N	N	10	100	150	1,000	N	N	10	30
0589	20	N	N	10	100	150	150	N	N	10	50
0590	5	N	N	10	150	30	50	N	N	10	N
0591	2	N	N	10	100	100	200	N	100	10	50
0592	5	N	N	50	50	100	200	N	70	10	70
0593	2	N	N	20	70	150	50	N	N	70	N
0594	5	N	N	50	100	300	500	N	300	200	<20
0596	N	N	N	70	100	200	150	N	100	30	200
0597	N	N	N	20	30	20	2,000	N	500	10	N
0598	7	200	N	10	100	30	200	N	50	10	N
0599	5	N	N	10	150	15	50	N	N	10	N
0600	2	N	N	30	1,000	70	100	N	50	70	<20
0601	5	N	N	50	2,000	70	500	N	100	100	N
0602	N	N	N	30	2,000	15	150	N	N	200	N
0603	2	N	N	30	1,000	10	50	10	N	150	N
0604	2	N	N	20	500	15	1,000	N	N	100	N
1030	N	N	N	10	50	15	500	10	150	10	N
1032	2	N	N	10	20	100	100	N	50	50	100
1034	2	N	N	30	200	150	50	N	50	50	20
1036	2	N	N	30	20	20	150	N	70	10	N
1037	N	N	N	10	300	<10	<50	N	N	20	N
1038	N	N	N	15	70	70	150	N	<50	20	500
1039	N	N	N	15	200	300	100	N	<50	30	20
1040	2	N	N	20	70	50	50	N	70	10	<20
1041	2	N	100	30	150	500	200	15	70	70	50
1050	2	N	N	10	70	30	100	N	50	10	20
1051	2	N	N	10	100	150	150	10	100	10	20
1052	2	N	N	10	70	30	150	N	N	10	<20

PETERSBURG STUDY AREA C3 ANALYSES--continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
0571	N	10	N	N	300	N	50	N	100	N
0577	N	70	N	10,000	700	N	1,000	N	2,000	N
0578	N	10	N	300	300	N	100	N	2,000	N
0579	N	30	N	1,000	1,000	N	70	N	1,500	N
0580	N	30	N	2,000	700	N	100	N	500	N
0581	N	30	N	1,000	700	N	500	N	2,000	N
0582	N	20	N	1,000	700	N	100	N	700	N
0583	N	20	N	700	500	N	150	N	300	N
0584	N	30	N	1,500	300	N	150	N	700	N
0585	N	20	N	2,000	300	N	200	700	2,000	N
0586	N	20	N	1,500	300	N	200	500	500	N
0587	N	30	N	10,000	700	N	500	N	1,500	N
0588	N	30	N	5,000	500	N	200	500	500	N
0589	N	30	N	2,000	700	N	200	500	2,000	N
0590	N	30	N	1,000	700	N.	100	500	1,500	N
0591	N	20	N	2,000	300	N	100	1,000	1,500	N
0592	N	20	N	1,000	500	N	200	500	700	N
0593	N	10	N	2,000	200	N	50	N	700	N
0594	N	50	N	N	700	N	300	N	>2,000	N
0596	N	30	N	500	300	N	150	N	>2,000	N
0597	N	30	N	500	300	100	2,000	N	>2,000	<200
0598	N	20	N	2,000	500	1,000	150	N	>2,000	N
0599	N	20	N	500	500	N	20	N	1,000	N
0600	N	70	N	1,000	700	N	150	N	2,000	N
0601	N	150	N	3,000	1,000	N	300	N	2,000	N
0602	N	30	N	700	500	N	100	500	150	N
0603	N	50	N	1,000	500	N	20	500	100	N
0604	N	50	N	1,000	700	N	150	N	200	N
1030	N	10	N	700	300	700	200	N	>2,000	N
1032	N	10	N	200	100	N	70	N	2,000	N
1034	N	30	N	700	300	N	70	N	1,500	N
1036	N	10	N	200	150	N	100	N	>2,000	N
1037	N	10	N	<200	150	N	20	N	500	N
1033	N	10	<20	1,000	150	N	50	1,000	1,000	N
1039	N	15	N	500	150	N	100	N	>2,000	N
1040	N	10	N	500	200	N	70	N	>2,000	N
1041	N	20	N	2,000	300	N	200	5,000	>2,000	N
1050	N	20	N	1,000	500	N	100	N	700	N
1051	N	20	N	1,500	300	100	500	<500	1,000	N
1052	N	10	N	1,000	200	5,000	20	N	700	N

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
1053	56 17 25	134 4 30	7.0	.70	2.0	.30	500	<1.0	N	N	<20	150
1054	56 15 40	134 7 50	10.0	1.50	5.0	>2.00	1,000	N	2,000	N	100	300
1059	56 24 9	134 9 25	10.0	1.50	5.0	>2.00	700	N	N	N	1,500	10,000
1061	56 22 48	134 8 19	5.0	1.50	5.0	>2.00	1,500	N	N	N	100	300
					Port Alexander C1--continued							
0605	56 32 8	134 0 19	7.0	2.00	20.0	>2.00	2,000	N	N	N	150	500
0606	56 30 17	134 2 20	7.0	5.00	20.0	>2.00	2,000	N	N	N	200	500
0607	56 32 51	134 5 15	10.0	5.00	30.0	1.00	3,000	N	N	N	70	500
0608	56 33 17	134 4 40	10.0	5.00	50.0	>2.00	5,000	N	N	N	70	500
0609	56 30 55	134 6 18	7.0	2.00	10.0	1.00	2,000	N	N	N	500	500
0611	56 30 20	134 7 50	7.0	5.00	10.0	2.00	2,000	N	N	N	100	1,500
0659	56 38 34	134 4 48	7.0	1.00	50.0	2.00	1,500	N	N	N	500	200
0660	56 38 44	134 2 20	5.0	1.50	10.0	>2.00	1,000	N	N	N	<20	300
0661	56 37 7	134 6 37	1.0	.50	5.0	2.00	500	N	N	N	<20	100
0662	56 38 47	134 4 53	2.0	.70	10.0	>1.00	1,000	N	N	N	3,000	500
0663	56 39 2	134 6 56	15.0	2.00	10.0	>1.00	1,000	N	N	N	20	1,000
0664	56 36 41	134 6 40	2.0	1.50	10.0	2.00	1,500	N	N	N	200	500
0665	56 36 43	134 12 6	7.0	1.00	3.0	.70	500	N	N	N	20	2,000
0666	56 38 17	134 8 51	5.0	5.00	10.0	.30	500	N	N	N	70	2,000
0667	56 34 40	134 9 0	5.0	2.00	5.0	1.00	700	N	N	N	20	500
0668	56 38 57	134 9 28	5.0	1.00	5.0	2.00	1,000	N	N	N	20	300
0669	56 34 55	134 8 55	5.0	2.00	7.0	2.00	1,500	N	N	N	100	200
0670	56 31 0	134 10 25	10.0	1.50	10.0	>1.00	1,000	N	N	N	20	>5,000
0671	56 32 35	134 10 57	5.0	1.50	5.0	2.00	1,500	N	N	N	200	500
0672	56 33 25	134 14 16	5.0	.70	3.0	2.00	200	N	N	N	<20	5,000
0673	56 33 39	134 14 47	2.0	.70	3.0	1.50	200	N	N	N	2,000	200
0674	56 35 9	134 15 53	2.0	1.00	5.0	2.00	1,000	N	N	N	100	150
0675	56 35 41	134 13 55	2.0	1.50	15.0	>1.00	1,500	N	N	N	30	500
0676	56 37 50	134 12 43	7.0	1.50	5.0	2.00	500	N	N	N	70	150
1062	56 37 23	134 14 39	2.0	1.50	5.0	2.00	1,000	N	N	N	70	1,000
1063	56 38 38	134 15 31	5.0	1.50	5.0	2.00	1,500	N	N	N	50	500
1064	56 39 20	134 13 58	7.0	.70	2.0	1.00	500	N	N	N	20	>10,000
1065	56 40 48	134 12 46	5.0	1.50	7.0	>2.00	1,000	N	N	N	150	1,500
1066	56 42 18	134 13 59	2.0	1.50	7.0	2.00	1,000	N	N	N	70	300
1067	56 42 28	134 8 54	5.0	1.50	7.0	>2.00	1,500	N	N	N	100	700
1068	56 41 22	134 10 37	5.0	1.50	7.0	2.00	1,000	5.0	N	N	500	300
1069	56 42 19	134 8 42	5.0	.70	2.0	1.00	700	N	N	N	20	300
1070	56 43 10	134 13 28	5.0	1.50	5.0	2.00	1,000	N	N	N	70	500
1071	56 42 23	134 8 32	7.0	1.50	7.0	>2.00	1,500	N	N	N	100	500
1072	56 43 31	134 15 0	2.0	1.50	5.0	1.00	700	N	N	N	<20	100

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
1053	N	N	N	20	50	500	100	N	N	70	<20
1054	2	N	N	70	70	700	100	N	70	70	150
1059	2	N	N	20	150	100	50	20	100	50	30
1061	N	N	N	20	200	30	70	N	200	10	20
					Port Alexander C1--continued						
0605	2	N	N	10	150	15	200	N	100	10	N
0606	2	N	N	30	500	10	700	N	70	50	N
0607	2	N	N	20	200	10	50	N	N	10	N
0608	2	N	N	20	150	30	500	N	300	10	50
0609	N	N	N	20	150	20	50	N	N	20	N
0611	N	N	N	30	200	20	100	N	N	50	N
0659	2	N	N	10	150	15	1,500	N	70	10	N
0660	N	N	N	20	200	10	70	N	150	10	<20
0661	2	N	N	N	50	<10	100	N	70	10	N
0662	N	N	N	10	200	20	200	N	100	20	<20
0663	N	N	N	30	100	100	200	N	50	50	50
0664	2	N	N	10	200	10	100	N	100	10	20
0665	N	N	N	30	100	70	N	N	N	100	70
0666	2	N	N	10	150	20	N	15	N	20	<20
0667	N	N	N	20	700	10	N	N	70	100	20
0668	2	N	N	10	150	150	50	N	200	20	<20
0669	N	N	N	10	700	10	50	N	100	50	<20
0670	N	N	N	30	300	150	150	10	<50	50	50
0671	5	N	N	10	100	15	50	N	N	10	20
0672	N	N	N	10	20	10	N	N	50	30	N
0673	N	N	N	10	20	<10	50	N	100	20	N
0674	2	N	N	10	100	15	50	N	200	10	N
0675	N	N	N	20	300	70	150	N	70	20	20
0676	2	N	N	20	150	50	50	N	100	50	N
1062	N	N	N	20	150	15	50	N	50	10	<20
1063	N	N	N	20	200	50	70	N	150	10	1,000
1064	N	N	N	30	70	1,000	<50	N	<50	70	20
1065	N	N	N	20	200	150	100	N	200	10	30
1066	N	N	N	10	150	150	50	N	50	10	N
1067	N	N	N	20	300	150	150	N	200	10	<20
1068	N	N	N	20	200	100	50	N	200	10	<20
1069	N	N	N	20	200	300	<50	<10	<50	50	20
1070	N	N	N	20	200	200	100	N	150	10	<20
1071	N	N	N	10	150	150	200	N	150	10	20
1072	N	N	N	10	150	10	50	20	N	10	N

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
1053	N	<10	N	200	70	100	<20	N	700	N
1054	N	20	N	500	300	100	70	N	1,500	N
1059	N	20	N	500	300	N	150	<500	2,000	N
1061	N	30	N	700	500	N	100	N	2,000	N
				Port Alexander C1--continued						
0605	N	20	N	1,500	700	N	200	N	2,000	N
0606	N	30	N	1,500	500	N	150	N	2,000	N
0607	N	20	N	1,500	500	N	50	N	500	N
0608	N	30	N	2,000	300	N	500	N	>2,000	N
0609	N	20	N	1,000	700	N	100	N	200	N
0611	N	50	N	1,500	500	N	70	N	1,500	N
0659	N	10	N	1,500	300	N	1,500	N	>2,000	N
0660	N	50	N	1,000	300	N	100	N	>2,000	N
0661	N	10	N	700	300	N	100	N	2,000	N
0662	N	30	N	1,000	500	N	200	N	>1,000	N
0663	N	10	N	1,500	200	N	100	N	>1,000	N
0664	N	20	N	1,500	500	N	200	N	>2,000	N
0665	N	10	N	1,000	100	N	20	N	1,000	N
0666	N	10	N	500	200	N	20	N	1,500	N
0667	N	20	N	300	200	N	70	N	1,500	N
0668	N	20	N	700	500	N	200	N	2,000	N
0669	N	30	N	500	300	N	150	N	2,000	N
0670	N	50	N	700	300	N	150	1,000	>1,000	N
0671	N	10	N	1,500	300	N	20	1,000	1,500	N
0672	N	10	N	1,000	300	N	100	<500	200	N
0673	N	10	N	500	300	N	50	<500	200	N
0674	N	10	N	500	300	N	200	N	1,500	N
0675	N	30	N	700	200	N	200	N	>1,000	N
0676	N	20	N	1,000	500	N	20	500	200	N
1062	N	30	N	500	300	N	70	N	>2,000	N
1063	N	30	30	700	300	N	150	N	>2,000	N
1064	N	10	N	500	150	100	50	1,500	>2,000	N
1065	N	30	N	1,000	300	N	200	N	>2,000	N
1066	N	30	N	500	300	N	200	N	>2,000	N
1067	N	30	N	700	500	N	200	700	>2,000	N
1068	N	20	50	700	300	N	150	700	>2,000	N
1069	N	15	N	300	150	N	70	1,500	>2,000	N
1070	N	30	N	700	300	N	150	1,000	>2,000	N
1071	N	30	N	1,500	300	N	200	N	>2,000	N
1072	N	20	N	200	100	N	700	N	>2,000	N

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
1073	56 42 51	134 4 48	7.0	1.50	5.0	>2.00	1,000	N	N	N	70	2,000
1074	56 41 45	134 3 50	7.0	1.50	7.0	>2.00	1,500	N	N	N	100	5,000
1076	56 44 28	134 14 22	2.0	.70	5.0	2.00	500	N	N	N	150	5,000
1080	56 35 20	134 11 56	5.0	.70	3.0	2.00	300	N	N	N	70	5,000
1082	56 34 21	134 3 40	10.0	<.05	1.5	.50	50	2.0	20,000	N	70	500
1083	56 43 24	134 3 22	2.0	.70	10.0	>2.00	1,500	N	N	N	150	>10,000
1085	56 32 26	134 9 45	2.0	1.50	5.0	2.00	500	N	N	N	70	>10,000
1087	56 32 38	134 2 42	7.0	10.00	20.0	2.00	2,000	N	N	N	70	>10,000
1089	56 32 33	134 2 51	2.0	1.50	5.0	.50	500	N	N	N	70	2,000
1106	56 41 26	134 14 50	2.0	1.50	50.0	>2.00	1,500	N	N	N	50	700
1107	56 39 51	134 16 0	5.0	1.50	7.0	.30	1,000	N	N	N	50	100
1108	56 38 10	134 16 42	5.0	1.50	5.0	2.00	1,000	N	N	N	50	700
1109	56 39 50	134 19 18	5.0	1.50	7.0	.50	1,000	N	N	N	100	300
Port Alexander C2--continued												
1110	56 40 32	134 20 30	2.0	1.50	3.0	.30	300	N	N	N	<20	100
1111	56 42 11	134 22 29	1.5	2.00	20.0	2.00	1,500	N	N	N	50	300
1112	56 43 31	134 20 18	1.0	.70	2.0	1.50	300	N	N	N	N	200
Port Alexander D1--continued												
0679	56 47 10	134 1 2	5.0	1.50	50.0	>2.00	2,000	N	N	N	70	>10,000
0679A	56 47 10	134 1 2	2.0	1.00	7.0	>2.00	1,500	N	N	N	50	>10,000
0680	56 46 55	134 1 30	1.5	2.00	5.0	.20	200	N	N	N	N	300
0680A	56 46 55	134 1 30	2.0	1.50	10.0	>2.00	700	N	N	N	50	>10,000
0681	56 46 20	134 2 15	20.0	.70	2.0	1.00	300	N	N	N	150	>10,000
0682	56 45 18	134 2 40	2.0	1.00	2.0	1.50	200	N	N	N	<20	500
0682A	56 45 18	134 2 40	10.0	1.50	10.0	>2.00	1,000	N	N	N	70	>10,000
0683	56 45 8	134 2 30	7.0	5.00	10.0	>2.00	1,500	N	N	N	500	1,500
0684	56 49 20	134 0 5	.7	.70	2.0	1.50	300	N	N	N	50	300
0685	56 50 0	134 0 55	2.0	.20	2.0	.50	200	N	N	N	<20	>10,000
0686	56 54 50	134 9 35	5.0	.05	.5	.50	300	2.0	N	N	<20	>10,000
0687	56 54 55	134 10 48	2.0	.20	5.0	2.00	3,000	N	N	N	70	>10,000
0688	56 53 20	134 9 32	7.0	.70	7.0	2.00	5,000	N	N	N	70	>10,000
0690	56 53 12	134 4 15	.7	<.05	.2	.10	1,500	N	N	N	<20	>10,000
0691	56 52 48	134 2 22	2.0	.10	2.0	.50	3,000	N	N	N	20	>10,000
1075	56 45 21	134 8 18	7.0	1.50	3.0	1.50	500	N	N	N	20	10,000
1075A	56 45 24	134 8 18	15.0	1.50	5.0	2.00	1,500	N	N	N	100	>10,000
1077	56 45 19	134 8 28	7.0	2.00	7.0	1.00	500	5.0	N	N	100	>10,000
1077A	56 45 19	134 8 28	15.0	1.50	7.0	>2.00	1,500	N	N	N	150	>10,000
1078	56 45 17	134 6 0	7.0	1.50	5.0	2.00	500	N	N	50	50	>10,000

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
1073	N	N	N	20	200	100	70	N	150	10	<20
1074	2	N	50	30	200	150	70	N	300	70	70
1076	N	N	N	10	70	10	N	N	50	10	<20
1080	N	N	N	30	150	30	70	N	70	30	<20
1082	N	700	N	300	N	200	50	N	N	N	150
1083	N	N	N	10	500	150	100	N	1,000	10	150
1085	N	N	N	10	150	15	50	N	70	10	N
1087	N	N	N	50	2,000	30	100	N	100	200	<20
1089	N	N	N	N	150	100	N	N	N	<10	N
1106	N	N	N	10	150	20	1,000	N	50	N	N
1107	N	N	N	10	150	<10	N	N	N	10	N
1108	N	N	N	15	200	100	150	N	150	10	N
1109	N	N	N	15	100	<10	N	N	N	10	N
Port Alexander C2--continued											
1110	N	N	N	10	100	30	N	N	N	10	N
1111	N	N	N	10	20	10	1,000	200	50	N	1,500
1112	N	N	N	N	50	100	150	N	N	10	N
Port Alexander D1--continued											
0679	2	N	N	10	300	150	2,000	N	100	10	50
0679A	N	N	N	10	200	200	1,000	N	300	N	N
0680	N	N	N	10	1,500	<10	N	N	N	50	N
0680A	N	N	N	10	300	70	200	N	200	50	<20
0681	N	N	N	70	30	200	100	N	N	200	30
0682	N	N	N	N	200	10	50	N	70	10	N
0682A	N	N	N	20	150	150	300	N	200	50	<20
0683	2	N	100	10	700	200	300	N	300	10	150
0684	N	N	N	N	150	<10	70	N	100	10	N
0685	2	N	N	<10	50	70	150	N	50	10	N
0686	N	N	N	<10	N	70	100	N	70	10	100
0687	2	N	N	10	20	30	300	N	70	10	<20
0688	2	N	N	10	50	70	200	N	150	30	70
0690	N	N	N	N	N	10	150	N	N	N	100
0691	2	N	N	10	N	30	50	N	N	10	50
1075	N	N	N	20	150	100	50	N	50	30	N
1075A	N	N	N	50	100	300	200	15	70	70	30
1077	N	N	N	30	500	500	70	N	<50	70	<20
1077A	N	N	N	30	300	200	500	10	300	N	20
1078	N	N	150	20	150	300	70	15	150	50	<20

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
1073	N	30	N	1,000	300	N	150	N	>2,000	N
1074	N	30	N	700	500	N	200	3,000	>2,000	5,000
1076	N	30	N	2,000	300	N	1,500	N	>2,000	N
1080	N	15	N	500	150	N	70	500	>2,000	N
1082	N	N	N	N	20	N	50	N	1,000	N
1083	N	70	50	5,000	500	N	200	N	>2,000	N
1085	N	20	N	1,000	200	N	70	N	>2,000	N
1087	N	150	20	700	700	N	200	N	1,500	N
1089	N	10	N	200	70	N	20	N	1,000	N
1106	N	30	N	5,000	500	N	1,500	N	>2,000	N
1107	N	30	N	N	100	N	100	N	>2,000	N
1108	N	30	N	500	500	N	300	N	>2,000	N
1109	N	30	N	200	150	N	300	N	>2,000	N
Port Alexander C2--continued										
1110	N	30	N	N	150	N	100	N	>2,000	N
1111	N	30	N	5,000	150	N	1,500	N	>2,000	N
1112	N	30	N	200	70	N	1,500	N	>2,000	N
Port Alexander D1--continued										
0679	N	20	N	10,000	700	N	1,000	3,000	>2,000	N
0679A	N	50	100	5,000	500	N	700	5,000	>2,000	N
0680	N	20	N	300	150	N	20	N	200	N
0680A	N	50	N	3,000	200	N	700	15,000	>2,000	N
0681	N	10	N	700	100	N	70	N	>2,000	N
0682	N	15	N	300	150	N	70	N	2,000	N
0682A	N	50	N	2,000	200	N	500	2,000	>2,000	N
0683	N	50	70	5,000	700	N	300	3,000	>2,000	N
0684	N	15	20	300	150	N	100	N	>2,000	N
0685	N	10	N	1,500	100	N	70	500	1,000	N
0686	N	<10	N	1,500	20	N	<20	2,000	1,000	N
0687	N	10	N	>10,000	150	N	100	500	1,000	N
0688	N	10	N	>10,000	200	N	200	1,000	>2,000	N
0690	N	<10	N	2,000	20	N	N	1,000	70	N
0691	N	10	N	>10,000	70	N	70	5,000	2,000	N
1075	N	20	N	700	200	N	70	1,000	2,000	N
1075A	N	20	N	7,000	200	N	200	1,500	>2,000	N
1077	N	30	N	1,000	200	N	70	N	>2,000	N
1077A	N	50	N	5,000	500	N	700	5,000	>2,000	N
1078	N	20	N	1,500	200	N	200	3,000	>2,000	N

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
1078A	56 45 17	134 6 0	20.0	1.00	5.0	>2.00	1,000	N	N	N	70	>10,000
1079	56 45 12	134 8 12	5.0	1.50	3.0	2.00	300	N	N	N	20	1,000
1079A	56 45 10	134 8 12	20.0	1.50	7.0	>2.00	1,500	N	N	N	70	10,000
1081	56 45 30	134 6 59	7.0	1.00	7.0	>2.00	1,000	N	N	N	70	>10,000
1086	56 47 36	134 2 0	1.0	.70	7.0	1.50	1,000	N	N	N	20	>10,000
1088	56 48 25	134 7 24	30.0	1.00	7.0	>2.00	1,000	N	N	N	200	>10,000
1090	56 49 3	134 6 8	7.0	1.00	20.0	2.00	1,500	N	N	N	70	>10,000
1092	56 49 43	134 10 58	7.0	2.00	10.0	>2.00	1,000	N	N	N	500	>10,000
1093	56 48 58	134 7 5	15.0	1.50	20.0	>2.00	1,500	N	N	N	700	>10,000
1094	56 49 34	134 10 58	7.0	1.50	7.0	>2.00	1,500	N	N	N	70	>10,000
1095	56 50 30	134 6 29	5.0	1.50	7.0	2.00	1,000	N	N	N	20	>10,000
1096	56 48 1	134 15 53	5.0	1.50	5.0	2.00	700	N	N	N	30	300
1097	56 49 49	134 9 57	2.0	5.00	5.0	.70	500	N	N	N	30	1,000
1098	56 48 1	134 15 47	5.0	1.50	3.0	2.00	500	N	N	N	70	1,000
1098A	56 48 1	134 15 44	7.0	1.50	7.0	>2.00	1,500	N	N	N	70	5,000
1099	56 49 41	134 9 52	2.0	2.00	5.0	2.00	500	N	N	N	20	1,000
1100	56 50 30	134 6 54	2.0	1.50	10.0	>2.00	1,500	N	N	N	70	>10,000
1101	56 46 11	134 17 52	2.0	2.00	20.0	>2.00	1,500	N	N	N	70	10,000
1103	56 46 21	134 17 55	1.0	.70	20.0	>2.00	700	N	N	N	50	500
1105	56 49 3	134 19 2	5.0	1.50	10.0	>2.00	1,500	N	N	N	70	700
1118	56 48 19	134 10 0	7.0	1.50	5.0	1.00	500	N	N	N	20	3,000
1118A	56 48 19	134 10 0	7.0	1.50	7.0	>2.00	1,500	N	N	N	150	>10,000
1119	56 48 58	134 18 10	5.0	1.50	20.0	2.00	1,500	N	N	N	50	300
1120	56 49 0	134 16 42	5.0	2.00	7.0	.70	700	N	N	N	20	300
1121	56 52 38	134 18 5	5.0	5.00	5.0	1.00	500	N	N	N	N	500
1122	56 53 45	134 19 21	5.0	2.00	20.0	>2.00	1,500	N	N	N	70	>10,000
1123	56 53 50	134 18 50	1.0	1.00	20.0	>2.00	1,500	N	N	N	20	>10,000
1124	56 52 45	134 15 42	5.0	2.00	20.0	>2.00	1,500	N	N	N	5,000	>10,000
1125	56 52 35	134 13 38	5.0	2.00	20.0	>2.00	2,000	N	N	N	500	>10,000
1126	56 55 31	134 12 22	7.0	.50	2.0	1.50	300	N	N	N	<20	>10,000
1127	56 54 5	134 6 45	.7	.15	1.5	1.50	500	30.0	N	N	<20	>10,000
1128	56 49 59	134 2 12	2.0	.50	5.0	1.50	500	N	N	N	50	2,000
					Port Alexander D2--continued							
1102	56 49 53	134 20 38	2.0	1.00	20.0	>2.00	1,500	N	N	N	20	1,500
1104	56 49 51	134 20 12	2.0	1.50	30.0	>2.00	1,500	N	N	N	50	700
1113	56 45 35	134 23 18	5.0	1.50	7.0	.70	1,000	N	N	N	20	200
1114	56 46 32	134 23 27	5.0	1.00	7.0	.50	1,000	N	N	N	20	150
1115	56 51 25	134 23 40	5.0	1.50	7.0	1.50	1,000	N	N	N	70	300

PETERSBURG STUDY AREA C3 ANALYSES--continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
1078A	N	N	N	20	70	200	100	200	300	100	500
1079	N	N	N	20	150	30	50	N	150	30	N
1079A	N	N	N	70	150	300	300	10	300	150	50
1081	N	N	150	10	100	150	300	N	70	10	20
1086	N	N	50	10	50	50	700	N	N	10	30
1088	N	N	150	70	150	300	200	30	300	200	100
1090	2	N	150	20	70	150	700	N	100	50	70
1092	N	N	150	20	1,000	150	300	N	200	50	20
1093	N	N	300	20	500	200	1,000	N	500	50	70
1094	N	N	150	10	500	200	500	N	50	10	30
1095	N	N	N	10	200	20	1,500	N	150	10	<20
1096	N	N	N	20	500	300	70	N	150	10	<20
1097	N	N	N	30	700	150	50	N	N	70	N
1098	N	N	N	30	200	30	50	N	70	30	N
1098A	N	N	N	30	200	200	500	10	300	N	<20
1099	N	N	N	10	500	30	50	N	70	30	N
1100	N	N	150	10	200	150	500	N	200	N	N
1101	N	N	N	10	100	100	700	N	N	N	N
1103	N	N	N	10	N	10	1,000	N	N	N	N
1105	N	N	N	10	150	100	200	70	200	N	200
1118	N	N	N	30	300	150	50	N	N	50	<20
1118A	N	N	N	30	200	150	200	N	150	50	20
1119	N	N	150	10	70	10	1,000	N	N	N	<20
1120	N	N	N	30	700	150	N	N	N	70	N
1121	N	N	N	20	700	10	<50	N	N	70	N
1122	N	N	200	10	500	150	700	N	200	10	50
1123	N	N	100	10	200	100	700	N	100	10	20
1124	N	N	100	10	700	150	700	N	100	10	20
1125	N	N	N	10	500	100	700	N	70	10	20
1126	N	N	50	30	70	70	100	10	150	30	20
1127	5	N	>1,000	N	20	100	300	50	1,000	10	1,000
1128	7	N	50	N	70	10	1,500	N	300	10	70

Port Alexander D2--continued

1102	N	N	N	10	20	30	500	N	N	N	N
1104	N	N	N	10	150	20	200	N	50	N	N
1113	N	N	N	10	100	70	50	N	N	10	<20
1114	N	N	N	<10	50	50	50	N	N	10	N
1115	N	N	N	15	150	15	50	N	N	10	N

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
1078A	N	50	N	5,000	200	100	500	15,000	>2,000	N
1079	N	15	N	200	200	N	100	N	>2,000	N
1079A	N	50	N	1,000	300	N	500	3,000	>2,000	N
1081	N	10	N	5,000	300	N	500	7,000	>2,000	N
1086	N	10	N	10,000	200	N	200	3,000	>2,000	N
1088	N	10	N	5,000	500	N	500	3,000	>2,000	N
1090	N	20	N	>10,000	300	N	500	5,000	>2,000	N
1092	N	50	N	10,000	700	N	500	5,000	>2,000	N
1093	N	50	N	5,000	700	N	1,000	10,000	>2,000	N
1094	N	30	N	2,000	1,000	N	1,000	5,000	>2,000	N
1095	N	20	N	2,000	200	N	300	1,000	>2,000	N
1096	N	20	N	300	300	N	200	500	>2,000	N
1097	N	30	N	200	150	N	20	N	700	N
1098	N	30	N	200	300	N	70	N	>2,000	N
1098A	N	20	N	1,500	1,000	N	1,000	N	>2,000	N
1099	N	30	N	200	200	N	70	N	>2,000	N
1100	N	20	N	10,000	700	N	500	5,000	>2,000	N
1101	N	10	N	5,000	300	N	1,500	N	>2,000	N
1103	N	50	N	2,000	100	N	1,500	N	>2,000	N
1105	N	30	N	1,000	1,000	N	700	N	>2,000	N
1118	N	30	N	300	150	N	70	500	1,500	N
1118A	N	20	N	2,000	500	N	300	3,000	>2,000	N
1119	N	30	N	2,000	500	N	700	2,000	>2,000	N
1120	N	30	N	200	200	N	50	N	700	N
1121	N	30	N	200	200	N	70	N	1,500	N
1122	N	30	N	10,000	1,000	N	700	10,000	>2,000	N
1123	N	20	N	>10,000	500	N	500	2,000	>2,000	N
1124	N	30	N	10,000	700	N	700	5,000	>2,000	N
1125	N	30	N	>10,000	500	N	700	700	>2,000	N
1126	N	10	N	1,000	150	N	150	3,000	>2,000	N
1127	N	15	200	1,000	70	N	200	>20,000	>2,000	N
1128	N	15	N	1,500	200	N	500	7,000	>2,000	N

Port Alexander D2--continued

1102	N	30	N	5,000	500	N	1,500	N	>2,000	N
1104	N	20	N	5,000	500	N	1,500	N	>2,000	N
1113	N	20	N	200	200	N	150	N	>2,000	N
1114	N	30	N	200	100	N	100	N	>2,000	N
1115	N	30	N	300	150	N	150	N	>2,000	N

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
1116	56 51 10	134 22 39	5.0	1.50	7.0	1.50	1,000	N	N	N	50	300
1117	56 53 20	134 20 31	5.0	1.50	5.0	1.50	1,000	N	N	N	20	700
					Sitka A1--continued							
1142	57 2 3	134 0 59	10.0	2.00	50.0	2.00	2,000	N	N	N	1,000	>10,000
1145	57 1 3	134 1 15	2.0	1.00	3.0	1.00	500	N	N	N	<20	>10,000
1146	57 3 55	134 0 59	5.0	2.00	10.0	>2.00	2,000	N	N	N	70	5,000
					Sumdum A4--continued							
1262	57 0 10	133 8 20	5.0	10.00	20.0	2.00	1,500	N	N	N	20	500
1265	57 0 22	133 9 22	2.0	2.00	20.0	>2.00	1,500	N	N	N	20	200
1266	57 0 28	133 15 20	2.0	.50	10.0	>2.00	1,500	N	N	N	20	200
					Sumdum A5--continued							
1156	57 2 20	133 37 31	2.0	1.00	5.0	1.50	300	N	N	N	20	300
1160	57 0 22	133 23 28	7.0	1.00	10.0	>2.00	1,500	N	N	N	1,000	1,500
1181	57 0 20	133 39 49	2.0	1.50	5.0	>2.00	1,500	N	N	N	50	1,000
1199	57 2 33	133 33 42	2.0	1.00	7.0	>2.00	1,500	N	N	N	20	300
1201	57 2 4	133 32 0	5.0	1.00	7.0	>2.00	1,500	N	N	N	70	1,500
1203	57 1 0	133 26 40	2.0	.70	7.0	>2.00	1,000	N	N	N	500	200
1204	57 1 58	133 30 38	5.0	1.00	7.0	>2.00	1,500	N	N	N	50	700
1205	57 2 0	133 37 22	1.5	.70	5.0	>2.00	500	N	N	N	500	300
1206	57 2 37	133 38 10	2.0	1.00	7.0	>2.00	1,000	N	N	N	100	500
1208	57 1 20	133 36 10	2.0	1.00	5.0	2.00	1,500	N	N	N	20	300
					Sumdum A6--continued							
1148	57 4 55	133 56 25	7.0	5.00	20.0	>2.00	3,000	N	N	N	70	10,000
1149	57 4 17	133 57 15	5.0	2.00	20.0	>2.00	2,000	N	N	N	70	>10,000
1150	57 5 36	133 52 55	2.0	1.00	10.0	>2.00	1,500	N	N	N	50	10,000
1151	57 4 20	133 57 2	5.0	2.00	20.0	>2.00	2,000	N	N	N	50	>10,000
1152	57 5 45	133 53 41	5.0	1.00	20.0	>2.00	1,500	N	N	N	70	10,000
1153	57 5 6	133 48 40	5.0	1.50	20.0	>2.00	1,500	N	N	N	100	10,000
1154	57 4 39	133 46 46	10.0	1.00	20.0	>2.00	1,500	N	N	N	70	>10,000
1155	57 5 36	133 51 5	7.0	1.50	20.0	>2.00	1,500	N	N	N	70	>10,000
1157	57 4 38	133 46 35	5.0	1.50	10.0	>2.00	1,500	N	N	N	70	10,000
1158	57 3 42	133 41 20	7.0	5.00	10.0	2.00	3,000	N	N	N	100	5,000
1171	57 1 48	133 54 40	7.0	5.00	7.0	2.00	2,000	7.0	N	N	50	>10,000
1173	57 2 50	133 48 15	2.0	.70	7.0	>2.00	1,500	N	N	N	20	10,000
1175	57 2 39	133 48 13	5.0	1.50	5.0	>2.00	1,500	N	N	N	20	1,000
1177	57 1 50	133 47 48	7.0	1.50	5.0	>2.00	1,000	N	N	N	20	>10,000
1179	57 0 15	133 43 50	2.0	1.50	5.0	>2.00	1,000	N	N	N	150	10,000

PETERSBURG STUDY AREA C3 ANALYSES--continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
1116	N	N	N	15	200	<10	70	N	N	20	N
1117	N	N	N	20	300	15	50	N	100	30	N
					Sitka A1--continued						
1142	N	N	N	50	1,000	50	200	N	50	70	100
1145	N	N	N	10	150	50	70	N	50	20	N
1146	2	N	N	10	200	100	500	N	300	10	20
					Sumdum A4--continued						
1262	N	N	N	30	5,000	100	200	N	100	150	700
1265	N	N	N	10	700	100	700	N	500	10	20
1266	N	N	N	10	150	100	1,000	20	500	10	N
					Sumdum A5--continued						
1156	N	N	N	N	100	100	50	N	50	10	N
1160	2	N	N	10	150	200	700	N	200	50	20
1181	N	N	N	10	200	30	150	N	700	10	N
1199	2	N	N	10	70	15	200	N	500	10	20
1201	2	N	N	10	70	50	150	N	200	10	20
1203	2	N	N	10	50	30	300	N	500	10	20
1204	2	N	N	10	70	70	200	N	300	10	30
1205	2	N	50	10	50	20	100	N	300	10	70
1206	2	N	N	10	50	50	100	N	300	10	70
1208	2	N	N	10	50	10	70	N	100	10	N
					Sumdum A6--continued						
1148	2	N	N	10	200	150	500	N	200	10	50
1149	2	N	N	10	300	150	500	N	200	10	50
1150	2	N	N	10	150	150	200	N	150	10	N
1151	N	N	N	10	150	100	500	N	150	150	<20
1152	N	N	N	10	100	150	500	N	200	10	<20
1153	N	N	150	10	70	150	200	N	150	10	<20
1154	N	N	150	70	150	300	700	N	150	150	50
1155	N	N	N	20	150	300	500	N	200	50	50
1157	2	N	200	10	150	150	300	N	200	10	50
1158	5	N	N	30	500	200	200	N	150	50	70
1171	N	N	N	20	500	100	100	N	100	150	20
1173	N	N	N	10	70	100	300	N	300	10	N
1175	N	N	N	10	150	150	200	N	700	10	<20
1177	N	N	100	30	200	150	500	N	500	70	50
1179	N	N	100	20	150	70	100	N	200	10	N

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
1116	N	30	N	300	200	N	100	N	>2,000	N
1117	N	30	N	300	200	N	150	<500	1,500	N
				Sitka A1--continued						
1142	N	70	N	10,000	500	N	200	N	2,000	N
1145	N	15	N	1,000	150	N	70	1,000	1,500	N
1146	N	10	N	2,000	700	N	500	N	>2,000	N
				Sumdum A4--continued						
1262	N	50	70	10,000	200	N	200	N	>2,000	N
1265	N	20	20	10,000	700	N	1,500	N	>2,000	N
1266	N	20	20	5,000	700	N	1,500	N	>2,000	N
				Sumdum A5--continued						
1156	N	15	N	200	200	N	150	N	1,500	N
1160	N	30	N	5,000	700	N	1,000	N	>2,000	N
1181	N	30	N	700	500	N	500	N	>2,000	N
1199	N	10	N	1,500	500	N	300	N	>2,000	N
1201	N	10	N	2,000	300	N	300	N	>2,000	N
1203	N	10	N	1,500	300	N	500	N	>2,000	N
1204	N	10	N	2,000	300	N	300	700	>2,000	N
1205	N	10	700	700	300	N	200	5,000	>2,000	N
1206	N	10	N	1,000	300	N	300	1,500	>2,000	N
1208	N	10	N	1,500	500	N	150	N	2,000	N
				Sumdum A6--continued						
1148	N	20	N	2,000	700	N	500	N	>2,000	N
1149	N	20	N	5,000	700	N	700	N	2,000	N
1150	N	10	N	2,000	700	N	500	N	>2,000	N
1151	N	10	N	>10,000	700	N	500	N	>2,000	N
1152	N	10	N	2,000	700	N	1,000	N	>2,000	N
1153	N	10	N	5,000	500	N	500	2,000	>2,000	N
1154	N	20	N	5,000	700	N	1,000	5,000	>2,000	N
1155	N	20	20	5,000	700	N	1,000	N	>2,000	N
1157	N	20	N	5,000	700	N	700	7,000	>2,000	N
1158	N	30	N	5,000	700	N	200	N	2,000	N
1171	N	30	N	1,500	200	N	150	N	1,000	N
1173	N	10	N	1,500	500	N	500	N	>2,000	N
1175	N	10	N	700	500	N	300	N	>2,000	N
1177	N	30	N	1,500	500	200	300	2,000	>2,000	N
1179	N	20	N	500	300	N	300	2,000	>2,000	N

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
1197	57 0 30	133 50 15	5.0	2.00	5.0	2.00	1,500	N	N	N	20	>10,000
1200	57 0 1	133 59 1	7.0	1.00	5.0	>2.00	1,500	N	N	N	20	10,000
1202	57 4 35	133 44 50	7.0	1.50	5.0	2.00	1,000	N	N	N	<20	700
					Bradfield Canal A6--continued							
0857	56 1 40	131 59 0	2.0	2.00	20.0	>2.00	1,500	N	N	N	50	300
0863	56 14 5	131 58 0	7.0	2.00	10.0	>2.00	2,000	N	N	N	150	500
0864	56 11 40	131 59 20	5.0	1.50	10.0	>2.00	2,000	N	N	N	200	300
0865	56 13 5	131 56 5	5.0	1.50	10.0	>2.00	1,500	N	N	N	<20	200
0866	56 11 40	131 57 40	2.0	.20	10.0	>2.00	1,000	N	N	N	20	150
0868	56 14 42	131 57 25	1.0	.70	10.0	>2.00	1,500	N	N	N	150	150
					Bradfield Canal B6--continued							
0877	56 23 10	131 58 50	5.0	1.50	10.0	>2.00	1,500	N	N	N	200	1,500
0879	56 24 30	131 59 10	10.0	2.00	10.0	2.00	1,500	N	N	N	150	700
0884	56 24 30	131 58 0	3.0	2.00	10.0	>2.00	1,500	N	N	N	200	2,000
0886	56 25 50	131 57 30	2.0	2.00	20.0	>2.00	1,500	N	N	N	100	300
0888	56 28 10	131 57 40	5.0	2.00	10.0	>2.00	1,500	N	N	N	50	1,500
0889	56 27 7	131 56 45	5.0	1.50	10.0	>2.00	1,500	N	N	N	50	1,000
					Bradfield Canal C6--continued							
0890	56 30 5	131 57 40	1.5	.70	10.0	>2.00	1,500	N	N	N	20	500
0891	56 31 36	131 58 52	.2	.70	10.0	>2.00	1,500	N	N	N	20	500
0893	56 31 33	131 59 0	2.0	1.00	7.0	>2.00	1,500	30.0	N	N	70	500
1016	56 36 22	131 59 20	1.0	.10	7.0	>2.00	1,000	N	N	N	<20	100
1017	56 40 0	131 58 15	5.0	2.00	7.0	>2.00	1,500	N	N	N	<20	500
1018	56 38 30	131 59 40	2.0	1.00	7.0	>2.00	1,500	N	N	N	<20	700
1019	56 42 40	131 59 15	2.0	1.50	10.0	>2.00	1,500	N	N	N	70	1,500
1020	56 40 10	131 58 35	.5	.50	7.0	.70	500	N	N	N	N	50
1022	56 42 0	131 56 30	2.0	2.00	5.0	>2.00	1,000	N	N	N	200	1,500
					Bradfield Canal D6--continued							
1023	56 47 15	131 59 20	2.0	.50	7.0	>2.00	1,500	N	N	N	<20	50

PETERSBURG STUDY AREA C3 ANALYSES--continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
1197	N	N	N	10	200	70	100	N	70	30	20
1200	2	N	N	20	100	150	150	15	150	70	<20
1202	N	N	N	10	150	50	50	N	70	20	N
					Bradfield Canal A6--continued						
0857	N	N	N	10	700	20	2,000	N	700	10	N
0863	200	N	N	10	70	20	200	N	1,000	10	<20
0864	2	N	N	10	100	20	200	N	700	10	<20
0865	N	N	N	10	70	70	200	N	1,000	10	N
0866	N	N	N	10	20	50	100	N	700	10	N
0868	2	N	N	10	70	50	200	N	500	10	N
					Bradfield Canal B6--continued						
0877	2	N	N	20	200	50	500	N	700	10	50
0879	2	N	N	10	300	15	200	N	200	10	<20
0884	N	N	N	10	200	150	150	N	500	10	50
0886	N	N	N	10	150	100	200	N	500	10	200
0888	N	N	N	10	200	100	300	N	300	10	50
0889	N	N	N	50	300	200	200	10	700	10	100
					Bradfield Canal C6--continued						
0890	N	N	N	30	100	150	2,000	150	500	10	100
0891	N	N	N	30	20	70	1,500	70	1,000	10	N
0893	N	N	N	30	150	150	2,000	70	1,000	10	N
1016	N	N	N	10	N	30	1,000	N	300	10	N
1017	N	N	N	10	150	100	1,000	300	300	10	N
1018	N	N	N	10	100	150	1,500	100	200	10	N
1019	N	N	N	10	50	70	1,000	300	500	10	N
1020	N	N	N	N	N	10	500	N	1,000	10	N
1022	N	N	N	10	70	50	700	10	1,000	10	N
					Bradfield Canal D6--continued						
1023	N	N	N	10	20	70	1,500	50	2,000	10	<20

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
1197	N	10	N	2,000	200	N	100	N	1,000	N
1200	N	10	N	1,500	300	N	200	1,000	2,000	N
1202	N	15	N	500	200	N	70	N	1,000	N
				Bradfield Canal A6--continued						
0857	N	30	N	10,000	300	N	1,000	N	>2,000	N
0863	N	10	N	1,500	1,000	N	2,000	N	>2,000	N
0864	N	10	N	2,000	500	N	1,500	N	>2,000	N
0865	N	10	N	1,500	1,000	N	2,000	N	>2,000	N
0866	N	10	N	500	300	N	1,500	N	>2,000	N
0868	N	10	N	N	500	N	1,500	N	>2,000	N
				Bradfield Canal B6--continued						
0877	N	10	N	1,500	500	500	700	N	>2,000	N
0879	N	10	N	700	500	500	200	N	700	N
0884	N	20	N	700	700	2,000	500	N	2,000	N
0886	N	10	N	700	700	N	1,000	N	>2,000	N
0888	N	10	30	500	700	N	700	N	>2,000	N
0889	N	30	500	500	1,000	100	1,000	N	>2,000	N
				Bradfield Canal C6--continued						
0890	N	30	700	1,500	700	100	1,500	N	>2,000	N
0891	N	30	300	200	700	100	1,500	N	>2,000	N
0893	N	30	30	200	1,000	N	1,500	N	>2,000	N
1016	N	30	30	500	700	N	1,000	N	>2,000	N
1017	N	20	30	500	700	500	500	N	>2,000	1,000
1018	N	10	30	500	700	N	1,000	N	>2,000	300
1019	N	10	20	500	700	200	1,500	N	>2,000	300
1020	N	10	30	N	50	N	200	N	2,000	N
1022	N	10	N	200	700	100	700	N	>2,000	300
				Bradfield Canal D6--continued						
1023	N	10	150	N	700	300	1,500	N	2,000	300