

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Analyses and descriptions of geochemical samples,
Tray Mountain Wilderness, Chattahoochee Roadless Area,
and Blood Mountain Wilderness, Northeastern Georgia

by

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This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards and stratigraphic nomenclature. Use of the trade name is for descriptive purposes only and does not imply endorsement by the USGS.

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STUDIES RELATED TO WILDERNESS

The Wilderness Act (Public Law 88-577, September 3, 1964) and related acts require the U.S. Geological Survey (USGS) and the U.S. Bureau of Mines to survey certain areas on Federal lands in order to determine the mineral values, if any, that may be present. Results must be made available to the public and be submitted to the President and the Congress. This report presents the analytical results of a geochemical survey of the Tray Mountain Wilderness (08-030), the Chattahoochee Roadless Area (08-029), and the Blood Mountain Wilderness (08-027), in Towns, Union, Lumpkin, and White Counties, Chattahoochee National Forest, northeastern Georgia.

ABSTRACT

Semiquantitative spectrographic analyses for 31 elements on 426 panned concentrates, 364 fine-grained stream sediments, and 49 rocks from Tray Mountain Wilderness, Chattahoochee Roadless Area, and Blood Mountain Wilderness, in northeastern Georgia, are reported in detail. Brief descriptions of the rock specimens are also given.

INTRODUCTION

The analyses reported here are for 364 fine-grained stream sediments (Table 2), 426 panned concentrates of active stream gravels (Table 3), and 49 rock samples (Table 4) from Tray Mountain

Wilderness, Chattahoochee River Roadless Area, and Blood Mountain Wilderness, and adjacent areas in northeastern Georgia. The pan-concentrate and fine-grained sediment samples were collected by M. Hurst in 1979; all of the rock samples were collected by A.E. Nelson, in association with geologic mapping of the study areas during the period 1980 to 1983. Brief descriptions of the rock samples are given in Table 1. Maps showing sample localities and discussion of the analytical data are given in Koeppen and Nelson(1988;1988a, in press;1988b, in press).

ANALYTICAL TECHNIQUES

Fine-grained stream-sediments were dried and sieved to minus 80-mesh(0.006 in.) then pulverized to minus 140-mesh(0.004 in.) Panned-concentrate samples were washed in bromoform to remove light minerals then passed by a hand magnet to remove most magnetite. The remaining material was then split into magnetic and nonmagnetic fractions on a Frantz isodynamic separator, some at a setting of 1.0 amp, and some at settings of 0.5 amp and 1.0 amp. The two fractions were crushed and pulverized to minus 140-mesh, and analyzed. Rock chips were similarly pulverized. Each sample was analyzed semi-quantitatively for 31 elements by a six-step, D.C.- (direct current) arc, optical-emmission spectrographic method (Grimes and Marranzino,1968) by D.F.Siems, D.E. Detra, R.Baker, C.L. Forn and B. Bailey at the U.S. Geological Survey laboratories in Denver, Colo.

Semiquantitative spectrographic analytical values are reported as six steps per order of magnitude (1.0, 0.7, 0.5, 0.3, 0.2, 0.15, or multiples of 10 of these numbers) and are approximate geometric midpoints of the concentration ranges whose boundaries are 1.2, 0.83, 0.56, 0.38, 0.26, 0.18, 0.12, etc. The precision is shown to be within one adjoining reporting interval on each side of the reported value 83 percent of the time and within two adjoining intervals 96 percent of the time (Motooka and Grimes, 1976).

REFERENCES CITED

- Grimes, D. J., and Marranzino, A. P., 1968, Direct-Current Arc and Alternating-Current Spark Emission Spectrographic Field Methods for Semi-quantitative Analysis of Geologic Materials: U.S. Geological Survey Circular 591, 6 p.
- Koeppen, R.P., and Nelson, A.E., 1988, Geochemical Survey of the Tray Mountain Wilderness Area, Northern Georgia, U.S. Geological Survey Miscellaneous Field Studies Map MF-1347-C.
- Koeppen, R.P., and Nelson, A.E., 1988a(in press), Geochemical survey of the Chattahoochee Roadless Area, Northern Georgia, U.S. Geological Survey Miscellaneous Field Studies Map MF-1502-B.
- Koeppen, R.P., and Nelson, A.E., 1988b(in press), Geochemical Survey of the Blood Mountain Wilderness, Northern Georgia, U.S. Geological Survey Miscellaneous Field Studies Map MF-1503-C.
- Motooka, J.M., and Grimes, D.J., 1976, Analytical precision of one-sixth order semiquantitative spectrographic analyses: U.S. Geological Survey Circular 738, 25 p.

TABLE 1

FIELD NUMBER ROCK DESCRIPTION

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=====
N-271      MUSCOVITE-BIOTITE GNEISS
N-326      GNEISSIC METASANDSTONE
N-389      METASANDSTONE
N-392      GNEISSIC METASANDSTONE
N-402      FINE TEXTURED BIOTITE GNEISS
N-403      FELDSPATHIC METASANDSTONE
N-409      BIOTITE SCHIST
N-411      MUSCOVITE-BIOTITE SCHIST
N-412      FELDSPATHIC QUARTZITE
N-413      FELDSPATHIC METASANDSTONE
N-414      BIOTITE SCHIST (FELSIC)
N-424      GARNET-SILLIMANITE-BIOTITE GNEISS
N-427      MYLONITE ZONE SAMPLE
N-429      AMPHIBOLITE
N-430      MUSCOVITE-BIOTITE SCHIST
N-431      FELDSPATHIC METASANDSTONE
N-432      ULTRAMAFIC
N-433      ULTRAMAFIC
N-434      ULTRAMAFIC
N-435      WEATHERED ROCK FROM MAFIC-ULATRAMAFIC COMPLEX
N-436      BIOTITE-GARNET GNEISS
N-444      BIOTITE SCHIST - "BUTTON SCHIST"
N-445      QUARTZ VEIN
N-447      QUARTZ-SILLIMANITE-BIOTITE SCHIST
N-448      QUARTZ-MUSCOVITE-SILLIMANITE-KYANITE(?) SCHIST
N-449      QUARTZ VEIN
N-451      ULTRAMAFIC
N-457      AMPHIBOLITE
N-459A     METASANDSTONE WITH SOME SULFIDE LOCALLY
N-459B     METASANDSTONE WITH SOME SULFIDE LOCALLY
N-461      BIOTITE-MUSCOVITE SCHIST
N-465      WEATHERED BIOTITE GNEISS WITH SOME SULFIDE
N-466      WEATHERED BIOTITE GNEISS
N-467B     WEATHERED METASANDSTONE
N-471      MYLONITE - THIN ZONE
N-474      METASANDSTONE
N-477      PEGMATITE
N-481      BIOTITE-GARNET GRANITIC GNEISS
N-483      BIOTITE-GARNET GNEISS
N-484      BIOTITE-GARNET GRANITIC GNEISS
N-485      GRANITE GNEISS
N-487      BIOTITE-SILLIMANITE GNEISS
N-488      METASANDSTONE
N-489      BIOTITE-SILLIMANITE GNEISS
N-490      METASANDSTONE
N-492      BIOTITE GNEISS
N-493      METASANDSTONE
N-497      GNEISSIC METASANDSTONE
N-503      QUARTZITE - IMPURE WITH SOME BIOTITE FELDSPAR

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TABLE 2

Tray Mountain-Chattahoochee-Blood Mountain(TCB), Fine-grained Stream Sediments

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	S-CD
CO001	34 45 17	83 57 46	5.0	1.00	.20	.50	700	N	N	N	10	1,000	1.0	N	N
CO003	34 46 14	83 56 32	7.0	1.00	.30	.70	700	N	N	N	10	1,000	1.0	N	N
CO004	34 46 17	83 56 34	5.0	1.00	.30	.50	1,000	N	N	N	10	1,000	1.5	N	N
CO005	34 46 48	83 56 20	5.0	.70	.20	.50	700	N	N	N	10	1,000	1.0	N	N
CO006	34 45 38	83 56 17	5.0	1.00	1.00	.50	1,500	N	N	N	10	700	1.5	N	N
CO007	34 45 44	83 55 35	5.0	1.00	.50	.50	700	N	N	N	<10	1,000	1.0	N	N
CO008	34 45 41	83 55 32	7.0	1.50	.50	.50	1,000	N	N	N	15	1,000	1.5	N	N
CO009	34 46 21	83 54 37	5.0	1.00	.20	.70	700	N	N	N	10	1,000	1.0	N	N
CO010	34 46 19	83 54 55	7.0	1.00	.20	1.00	1,000	N	N	N	<10	1,000	1.0	N	N
CO011	34 45 6	83 53 15	7.0	1.00	.30	1.00	1,000	N	N	N	<10	1,000	1.0	N	N
CRK01	34 43 59	83 45 58	2.0	.30	.07	.20	300	N	N	N	N	500	1.0	N	N
CRK02	34 44 6	83 46 4	3.0	.30	.10	.30	500	N	N	N	<10	500	2.0	N	N
CRK03	34 44 52	83 46 58	2.0	.30	.10	.20	500	N	N	N	N	300	1.0	N	N
CRK04	34 42 1	83 45 45	3.0	.30	.10	.50	500	N	N	N	<10	500	2.0	N	N
CRK05	34 39 28	83 45 42	2.0	.15	.05	.30	300	N	N	N	<10	300	1.0	N	N
CRK06	34 40 44	83 46 38	3.0	.30	.10	.30	300	N	N	N	<10	300	2.0	N	N
CRK07	34 41 52	83 46 56	3.0	.20	.07	.30	500	N	N	N	<10	300	1.0	N	N
CRK08	34 42 35	83 47 14	3.0	.30	.07	.30	300	N	N	N	<10	500	1.0	N	N
CRK09	34 42 39	83 47 33	3.0	.50	.15	.50	700	N	N	N	<10	700	2.0	N	N
CRK10	34 43 9	83 47 39	3.0	.50	.10	.30	300	N	N	N	N	300	1.0	N	N
CRK11	34 43 9	83 47 39	3.0	.50	.10	.50	300	N	N	N	<10	500	2.0	N	N
CRK12	34 42 13	83 47 41	3.0	.50	.20	.30	500	N	N	N	<10	700	1.0	N	N
CRK13	34 42 2	83 50 58	7.0	1.00	.50	.50	700	N	N	N	20	1,500	1.5	N	N
CRK14	34 41 14	83 51 0	7.0	1.00	.30	.50	500	N	N	N	10	1,000	1.5	N	N
CRK15	34 39 46	83 51 0	7.0	1.00	.30	.50	700	N	N	N	10	1,000	1.5	N	N
CRK16	34 39 44	83 51 2	7.0	1.50	2.00	.30	1,000	N	N	N	10	1,000	1.5	N	N
DIL01	34 55 46	83 27 59	2.0	.20	.20	.30	500	N	N	N	<10	200	3.0	N	N
DIL02	34 55 46	83 27 59	1.5	.20	.50	.50	500	N	N	N	N	300	2.0	N	N
DIL03	34 57 17	83 29 34	5.0	.30	.20	>1.00	700	N	N	N	10	200	1.0	N	N
DIL04	34 57 17	83 29 34	3.0	.50	.20	.50	700	N	N	N	<10	200	1.0	N	N
DIL05	34 56 56	83 29 32	2.0	.30	.50	.20	500	--	N	N	<10	300	2.0	N	N
DIL06	34 57 35	83 29 20	3.0	.70	.50	.50	500	--	N	N	10	300	2.0	N	N
DIL07	34 57 44	83 29 44	5.0	.30	.15	>1.00	500	--	N	N	10	300	1.0	N	N
DIL08	34 57 44	83 29 44	7.0	.30	.20	>1.00	700	--	N	N	15	300	1.0	N	N
DIL09	34 58 22	83 27 56	5.0	.30	.50	1.00	500	--	N	N	10	200	1.0	N	N
DIL10	34 58 22	83 27 56	3.0	.70	.70	.30	700	--	N	N	<10	200	1.0	N	N
DIL11	34 58 22	83 27 56	2.0	.30	.70	.20	700	--	N	N	<10	200	2.0	N	N
DIL12	34 56 29	83 25 43	3.0	1.00	.50	.20	500	N	N	N	10	1,000	2.0	N	N
DIL13	34 56 20	83 26 10	5.0	1.00	.70	.50	700	N	N	N	<10	1,000	2.0	N	N
DIL14	34 56 46	83 27 10	7.0	1.00	.70	.70	1,000	N	N	N	20	700	1.5	N	N

Tray Mountain-Chattahoochee-Blood Mountain(TCB), Fine-grained Stream Sediments

Sample	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	S-ZR	S-TH
CO001	30	70	50	150	N	30	30	30	N	20	N	100	100	N	50	N	1,000	N
CO003	30	100	70	100	N	30	30	20	N	30	N	100	100	N	70	N	700	N
CO004	30	100	70	150	N	<20	30	30	N	20	N	100	100	N	50	N	200	N
CO005	20	70	50	300	N	20	20	20	N	20	N	100	100	N	70	N	1,000	N
CO006	30	100	50	100	N	N	30	30	N	20	N	150	100	N	30	N	300	N
CO007	20	70	50	200	N	<20	30	20	N	20	N	100	100	N	70	N	1,000	N
CO008	30	100	50	200	N	30	30	30	N	30	N	150	100	N	70	N	>1,000	N
CO009	20	100	70	150	N	50	20	30	N	20	N	100	100	N	50	N	700	N
CO010	20	70	50	300	N	30	20	15	N	20	N	100	100	N	150	N	>1,000	N
CO011	30	70	50	500	N	30	30	20	N	30	N	100	100	N	100	N	1,000	N
CRK01	15	30	20	50	N	N	20	20	N	5	N	100	50	N	30	N	300	N
CRK02	15	50	20	70	N	N	20	20	N	10	N	100	70	N	70	N	700	N
CRK03	15	50	15	50	N	N	20	20	N	5	N	100	50	N	20	N	300	N
CRK04	15	70	20	200	N	N	15	30	N	15	N	<100	70	N	70	N	1,000	N
CRK05	5	30	15	50	N	N	10	30	N	5	N	<100	50	N	30	N	500	N
CRK06	10	70	15	150	N	N	15	30	N	10	N	<100	70	N	70	N	700	N
CRK07	15	70	20	200	N	N	20	30	N	10	N	<100	70	N	70	N	700	N
CRK08	15	70	20	200	N	N	30	50	N	10	N	<100	70	N	70	N	700	N
CRK09	20	70	30	200	N	N	30	70	N	20	N	100	100	N	100	N	700	N
CRK10	15	70	50	100	N	N	20	30	N	10	N	<100	50	N	50	N	300	N
CRK11	20	70	30	300	N	10	30	50	N	20	N	<100	100	N	70	N	700	N
CRK12	15	70	30	200	N	N	30	50	N	10	N	<100	70	N	70	N	300	N
CRK13	20	70	30	150	N	30	20	30	N	20	N	150	100	N	50	N	>1,000	N
CRK14	20	70	20	150	N	20	20	30	N	20	N	100	100	N	50	N	1,000	N
CRK15	20	100	30	500	N	20	30	50	N	30	N	100	150	N	100	N	1,000	N
CRK16	20	100	50	70	N	20	50	70	N	20	<10	150	100	N	30	200	500	N
DIL01	20	30	20	50	N	N	30	30	N	5	N	100	70	N	30	N	300	N
DIL02	10	20	7	70	N	N	15	30	N	5	15	200	50	N	50	N	700	N
DIL03	15	70	20	20	N	30	30	10	N	20	N	<100	300	N	20	<200	1,000	N
DIL04	15	70	20	20	N	10	30	20	N	15	N	<100	100	N	20	<200	200	N
DIL05	15	50	7	50	N	N	30	10	N	10	N	100	70	N	20	N	100	N
DIL06	20	70	30	20	N	10	50	10	N	20	N	100	150	N	30	N	500	N
DIL07	20	70	30	20	N	10	50	10	N	15	N	<100	150	N	10	200	500	N
DIL08	20	100	20	20	N	10	30	10	N	20	N	<100	200	N	50	N	700	N
DIL09	15	100	7	20	N	20	30	10	N	20	N	100	150	N	30	N	>1,000	N
DIL10	15	70	20	20	N	10	30	10	N	10	N	200	70	N	20	N	300	N
DIL11	10	30	7	20	N	N	20	10	N	15	N	100	70	N	20	N	300	N
DIL12	15	100	10	300	N	N	30	70	N	10	N	150	70	N	30	N	300	N
DIL13	20	70	15	70	N	30	20	50	N	15	N	100	70	N	50	N	700	N
DIL14	20	100	30	50	N	20	30	30	N	15	N	100	150	N	20	N	500	N

Tray Mountain-Chattahoochee-Blood Mountain(TCB), Fine-grained Stream Sediments

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	S-CD
DIL15	34 56 46	83 27 10	5.0	.70	1.00	.30	700	N	N	N	10	1,000	2.0	N	N
DIL16	34 56 20	83 26 43	7.0	1.00	1.00	.50	1,000	N	N	N	10	1,000	2.0	N	N
DIL17	34 56 12	83 29 21	10.0	1.00	1.50	1.00	1,000	N	N	N	<10	1,000	1.5	N	N
DIL18	34 58 29	83 26 11	7.0	1.00	1.00	.70	1,000	N	N	N	50	700	1.5	N	N
DIL19	34 59 25	83 27 21	10.0	1.00	.70	1.00	1,000	N	N	N	30	700	1.5	N	N
DIL20	34 59 25	83 27 21	10.0	1.00	1.00	1.00	1,000	N	N	N	<10	700	1.0	N	N
DIL21	0 0 0B	0 0 0B	15.0	.70	1.00	>1.00	1,000	N	N	N	<10	700	1.0	N	N
DIL22	0 0 0B	0 0 0B	10.0	1.00	1.00	1.00	1,000	N	N	N	<10	500	1.0	N	N
HEL1	34 44 32	83 43 4	2.0	.30	.10	.15	300	N	N	N	N	300	1.0	N	N
HEL2	34 44 5	83 43 33	1.5	.20	.10	.30	300	N	N	N	N	300	1.0	N	N
HEL3	34 43 54	83 43 0	2.0	.30	.15	.30	300	N	N	N	<10	300	2.0	N	N
HEL4	34 44 44	83 41 15	3.0	.30	.10	.20	300	N	N	N	N	300	1.0	N	N
HEL5	34 44 44	83 41 15	2.0	.30	.30	.30	500	N	N	N	N	300	1.0	N	N
HIA01	34 53 30	83 49 31	3.0	.30	.20	.70	300	N	N	N	50	300	1.0	N	N
HIA02	34 53 34	83 49 37	2.0	.30	.20	.30	500	N	N	N	70	300	1.0	N	N
HIA03	34 53 31	83 49 51	2.0	.30	.20	.30	500	N	N	N	70	300	2.0	N	N
HIA04	34 53 50	83 49 58	3.0	.15	.10	>1.00	300	N	N	N	70	200	<1.0	N	N
HIA05	34 53 52	83 50 19	5.0	.30	.20	>1.00	500	N	N	N	50	300	1.0	N	N
HIA06	34 54 2	83 50 27	3.0	.15	.15	.70	700	N	N	N	15	200	<1.0	N	N
HIA07	34 54 2	83 50 49	3.0	.30	.30	1.00	700	N	N	N	10	300	<1.0	N	N
HIA08	34 56 12	83 49 40	5.0	1.00	.70	.30	700	N	N	N	10	200	<1.0	N	N
HIA09	34 56 4	83 49 43	2.0	.20	.10	.30	300	N	N	N	15	200	1.0	N	N
HIA10	34 56 4	83 49 43	2.0	.20	.20	.50	500	N	N	N	N	300	1.0	N	N
HIA20	34 54 9	83 51 14	5.0	.70	1.00	.70	700	N	N	N	10	300	<1.0	N	N
HIA21	34 54 11	83 51 48	3.0	.50	1.00	.50	700	N	N	N	15	300	1.0	N	N
HIA22	34 54 57	83 50 52	3.0	.30	.30	.70	500	N	N	N	10	500	1.0	N	N
HIA23	34 55 59	83 50 15	1.5	.15	.20	.30	300	N	N	N	<10	300	1.0	N	N
HIA24	34 56 57	83 50 47	7.0	2.00	5.00	>1.00	1,000	N	N	N	10	100	N	N	N
HIA25	34 57 15	83 50 42	5.0	1.50	1.00	1.00	700	N	N	N	10	200	1.0	N	N
HIA26	34 57 24	83 50 42	5.0	.70	.10	.50	700	N	N	N	10	500	2.0	N	N
HIA27	34 59 4	83 49 51	3.0	.20	.07	.50	700	N	N	N	<10	300	1.0	N	N
HIA28	34 58 51	83 50 57	1.5	.15	.07	.50	700	N	N	N	N	200	1.0	N	N
HIA29	34 58 13	83 50 58	3.0	.20	.10	>1.00	300	N	N	N	N	500	2.0	N	N
HIA30	34 58 51	83 51 9	1.5	.15	.10	.50	200	N	N	N	N	500	2.0	N	N
HIA31	34 58 6	83 49 12	3.0	1.50	1.50	.50	500	N	N	N	N	300	1.0	N	N
HIA32	34 56 33	83 47 39	3.0	.15	.20	>1.00	300	N	N	N	15	300	1.0	N	N
HIA33	34 56 3	83 47 29	7.0	1.00	.70	.70	1,500	N	N	N	50	1,000	1.5	N	N
HIA34	34 55 53	83 48 4	5.0	.50	.15	.70	500	N	N	N	70	700	1.5	N	N
HIA35	34 55 55	83 48 8	3.0	.50	.15	.70	300	N	N	N	70	700	1.5	N	N
HIA36	34 54 13	83 46 37	7.0	2.00	3.00	.30	700	N	N	N	10	1,000	1.0	N	N

Tray Mountain-Chattahoochee-Blood Mountain(TCB), Fine-grained Stream Sediments

Sample	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	S-ZR	S-TH
DIL15	20	30	10	20	N	20	15	50	N	15	N	300	100	N	30	N	1,000	N
DIL16	20	50	20	20	N	N	20	50	N	15	N	150	100	N	20	N	300	N
DIL17	20	150	20	30	N	30	20	30	N	50	N	200	200	N	50	N	>1,000	N
DIL18	20	100	20	100	N	20	20	30	N	30	N	200	150	N	50	N	1,000	N
DIL19	20	100	30	200	N	30	30	20	N	30	N	100	200	N	70	N	500	N
DIL20	20	150	30	70	N	50	30	15	N	30	N	150	200	N	50	N	700	N
DIL21	30	150	20	100	N	30	30	20	N	50	N	150	200	N	50	N	1,000	N
DIL22	20	100	20	150	N	30	20	20	N	50	N	200	150	N	70	N	1,000	N
HEL1	10	50	15	200	N	N	20	30	N	5	N	<100	50	N	100	N	500	N
HEL2	10	30	10	50	N	N	15	10	N	10	N	100	70	N	50	N	300	N
HEL3	10	50	15	20	N	N	20	20	N	10	N	100	70	N	30	N	700	N
HEL4	10	50	20	20	N	N	20	30	N	5	N	100	50	N	20	N	150	N
HEL5	10	50	10	50	N	10	20	20	N	10	N	<100	50	N	30	N	500	N
HIA01	20	70	10	300	N	10	30	30	N	10	N	<100	70	N	70	N	200	N
HIA02	15	70	20	100	N	N	30	30	N	5	N	<100	70	N	30	N	200	N
HIA03	15	70	15	150	N	N	30	30	N	10	N	<100	70	N	70	N	200	N
HIA04	15	50	7	200	N	N	15	20	N	10	N	<100	70	N	30	N	300	N
HIA05	20	100	15	200	N	N	30	30	N	20	N	<100	150	N	70	N	700	N
HIA06	10	50	10	150	N	N	15	20	N	10	N	<100	70	N	30	200	200	N
HIA07	15	70	15	100	N	N	20	20	N	15	N	200	70	N	30	N	300	N
HIA08	20	150	20	50	N	N	50	20	N	15	N	100	100	N	20	N	200	N
HIA09	10	50	7	50	N	N	20	10	N	5	N	<100	50	N	10	N	100	N
HIA10	15	50	7	50	N	N	20	10	N	10	N	<100	50	N	30	N	500	N
HIA20	20	150	20	150	N	N	50	10	N	20	N	200	100	N	30	N	200	N
HIA21	20	150	10	20	N	N	50	10	N	15	N	<100	100	N	20	N	700	N
HIA22	15	70	15	100	N	N	30	30	N	15	N	200	70	N	30	N	300	N
HIA23	10	30	7	150	N	N	20	20	N	10	N	200	50	N	20	N	300	N
HIA24	30	150	30	20	N	N	50	10	N	30	N	100	200	N	30	<200	100	N
HIA25	30	300	30	70	N	N	100	10	N	20	N	100	100	N	70	N	700	N
HIA26	20	100	30	150	N	N	30	30	N	15	N	N	100	N	50	<200	700	N
HIA27	10	70	10	500	N	N	10	10	N	10	N	N	50	N	100	N	1,000	N
HIA28	10	30	7	150	N	N	10	10	N	5	N	N	30	N	70	N	700	N
HIA29	15	70	15	300	N	10	20	10	N	20	N	N	70	N	70	N	>1,000	N
HIA30	10	50	5	100	N	30	20	10	N	10	N	N	50	N	70	N	700	N
HIA31	50	200	20	100	N	N	100	10	N	30	N	N	200	N	50	N	700	N
HIA32	15	100	7	300	N	N	30	10	N	15	N	N	70	N	50	N	700	N
HIA33	50	150	50	100	N	<20	50	30	N	30	N	<100	150	N	50	N	500	N
HIA34	15	50	20	100	N	20	20	20	N	15	N	<100	100	N	20	N	300	N
HIA35	20	50	20	150	N	<20	20	20	N	15	N	<100	70	N	30	N	500	N
HIA36	30	300	50	20	N	N	70	20	N	30	N	100	150	N	20	N	150	N

Tray Mountain-Chattahoochee-Blood Mountain(TCB), Fine-grained Stream Sediments

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	S-CD
HIA37	34 53 37	83 46 38	5.0	1.00	.70	1.00	500	N	N	N	70	500	1.0	N	N
HIA38	34 53 36	83 45 34	7.0	1.00	.70	.50	700	N	N	N	15	1,000	1.0	N	N
HIA39	34 53 39	83 45 46	7.0	1.00	.30	.50	500	N	N	N	20	700	1.5	N	N
HIA40	34 54 25	83 45 15	7.0	1.00	.50	1.00	1,000	N	N	N	50	1,000	1.0	N	N
HIA41	34 55 32	83 46 35	7.0	1.50	1.00	.70	1,000	N	N	N	10	1,000	1.0	N	N
HTB01	34 55 31	83 30 26	1.5	.30	.50	.15	300	N	N	N	<10	500	2.0	N	N
HTB02	34 56 6	83 30 19	3.0	.30	.70	.30	500	N	N	N	<10	300	1.0	N	N
HTB03	34 55 31	83 31 16	5.0	.70	.50	>1.00	700	N	N	N	10	300	1.0	N	N
HTB04	34 55 28	83 31 22	3.0	.50	.30	.30	500	N	N	N	<10	300	2.0	N	N
HTB05	34 55 31	83 32 23	2.0	.30	.20	.50	700	N	N	N	10	300	1.0	N	N
HTB06	34 55 50	83 32 44	5.0	.30	.30	>1.00	700	N	N	N	10	150	1.0	N	N
HTB07	34 55 45	83 33 1	5.0	.20	.07	1.00	700	N	N	N	10	150	1.0	N	N
HTB08	34 57 6	83 33 14	5.0	.50	.30	.50	700	N	N	N	<10	300	1.0	N	N
HTB09	34 57 31	83 34 20	5.0	.50	.50	.70	700	N	N	N	10	300	2.0	N	N
HTB10	34 57 27	83 34 21	5.0	.30	.30	1.00	500	N	N	N	10	500	2.0	N	N
HTB11	34 57 4	83 33 54	5.0	.50	.70	.50	700	N	N	N	<10	200	1.0	N	N
HTB12	34 58 4	83 33 12	2.0	.30	.70	.30	700	N	N	N	<10	200	2.0	N	N
HTB13	34 58 34	83 33 33	3.0	.50	.70	.50	700	N	N	N	10	300	1.0	N	N
HTB14	34 59 0	83 33 22	3.0	.30	.30	.30	700	N	N	N	<10	150	1.0	N	N
HTB15	34 58 55	83 33 32	2.0	.30	.30	.20	500	N	N	N	<10	300	1.0	N	N
HTB16	34 59 12	83 30 37	3.0	.30	.50	1.00	700	N	N	N	<10	150	1.0	N	N
HTB17	34 59 13	83 30 43	3.0	.30	.30	1.00	500	N	N	N	<10	200	1.0	N	N
HTB18	34 58 19	83 30 31	3.0	.30	.15	>1.00	500	N	N	N	<10	150	1.0	N	N
HTB19	34 58 25	83 30 32	3.0	.30	.50	.50	500	N	N	N	<10	200	1.0	N	N
HTB20	34 58 23	83 30 36	3.0	.50	.50	>1.00	700	N	N	N	10	300	1.0	N	N
HTB21	34 57 7	83 31 13	3.0	.30	.50	>1.00	700	N	N	N	10	150	1.0	N	N
HTB22	34 57 50	83 34 17	3.0	.50	.70	.70	700	N	N	N	10	150	2.0	N	N
HTB23	34 59 26	83 33 26	3.0	.30	.10	.30	300	N	N	N	<10	100	1.0	N	N
HTB24	34 59 25	83 33 39	3.0	.70	.50	.30	700	N	N	N	<10	150	1.0	N	N
HTB25	34 59 45	83 33 33	3.0	1.00	.70	.30	700	N	N	N	<10	150	1.0	N	N
HTB26	34 59 45	83 33 29	2.0	.70	.70	.30	700	N	N	N	<10	200	2.0	N	N
HTB27	34 54 28	83 32 17	2.0	.20	.70	.30	500	N	N	N	10	50	1.0	N	N
HTB28	34 54 32	83 33 23	5.0	.20	.20	1.00	500	N	N	N	10	150	1.0	N	N
HTB29	34 55 21	83 34 41	5.0	.30	.10	.50	500	N	N	N	10	200	1.0	N	N
HTB30	34 56 6	83 34 41	3.0	.30	.30	.50	500	N	N	N	10	300	1.0	N	N
HTB31	34 55 48	83 34 45	2.0	.30	.20	.30	700	N	N	N	<10	200	1.0	N	N
HTB32	34 55 29	83 34 34	3.0	.30	.20	.50	500	N	N	N	15	200	1.0	N	N
HTB33	34 55 11	83 34 43	3.0	.20	.20	.30	700	N	N	N	10	200	1.0	N	N
HTB34	34 53 15	83 33 29	2.0	1.00	.50	.15	700	N	N	N	15	100	1.0	N	N
HTB35	34 53 14	83 33 49	1.5	.30	.15	.30	300	N	N	N	<10	200	1.0	N	N

Tray Mountain-Chattahoochee-Blood Mountain(TCB), Fine-grained Stream Sediments

Sample	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	S-ZR	S-TH
HIA37	20	100	30	50	N	20	30	15	N	20	N	100	100	N	70	N	700	N
HIA38	30	150	70	100	N	N	50	20	N	30	N	100	150	N	30	N	500	N
HIA39	20	100	30	50	N	20	50	50	N	20	N	100	100	N	30	N	300	N
HIA40	20	100	30	20	N	20	50	30	N	20	N	<100	100	N	20	N	300	N
HIA41	30	150	30	100	N	<20	100	20	N	20	N	<100	100	N	50	N	700	N
HTB01	10	20	<5	N	N	N	20	30	N	10	N	200	30	N	20	N	200	N
HTB02	15	70	7	N	N	N	20	20	N	15	N	200	100	N	20	N	200	N
HTB03	20	100	15	20	N	30	30	20	N	30	N	100	200	N	70	<200	700	N
HTB04	20	50	20	20	N	N	30	20	N	10	N	100	100	N	30	N	100	N
HTB05	15	50	30	20	N	10	30	20	N	10	N	100	100	N	10	N	300	N
HTB06	20	100	15	20	N	30	30	20	N	20	N	100	200	N	20	300	700	N
HTB07	15	70	15	20	N	10	20	10	N	15	N	100	150	N	10	300	700	N
HTB08	20	70	20	100	N	10	30	20	N	15	N	100	100	N	50	N	300	N
HTB09	15	70	20	150	N	N	20	20	N	15	N	100	100	N	150	N	500	N
HTB10	15	70	20	50	N	10	20	20	N	15	N	100	150	N	50	N	1,000	N
HTB11	20	150	20	20	N	N	50	10	N	15	N	100	150	N	30	N	300	N
HTB12	15	50	20	50	N	N	30	10	N	15	N	100	100	N	30	N	300	N
HTB13	20	70	30	20	N	10	50	20	N	15	N	100	150	N	30	N	700	N
HTB14	15	70	30	70	N	10	30	10	N	10	N	100	100	N	20	N	300	N
HTB15	15	50	15	70	N	N	30	10	N	5	N	100	70	N	20	N	200	N
HTB16	15	70	10	20	N	10	30	10	N	15	N	100	150	N	70	<200	300	N
HTB17	15	50	10	20	N	10	20	10	N	15	N	100	100	N	10	<200	700	N
HTB18	15	50	15	50	N	20	20	10	N	15	N	100	100	N	10	300	700	N
HTB19	15	70	15	50	N	N	30	10	N	20	N	100	100	N	30	N	300	N
HTB20	15	70	20	50	N	20	30	20	N	30	N	100	150	N	30	N	700	N
HTB21	15	70	10	20	N	10	30	10	N	15	N	100	150	N	20	<200	500	N
HTB22	15	70	30	20	N	10	30	10	N	20	N	100	150	N	30	N	300	N
HTB23	10	50	10	N	N	N	20	10	N	10	N	<100	100	N	N	N	100	N
HTB24	20	100	30	70	N	N	50	10	N	10	N	100	100	N	20	N	200	N
HTB25	20	100	30	50	N	10	50	10	N	15	N	100	100	N	20	N	200	N
HTB26	10	50	15	50	N	N	30	10	N	15	N	100	70	N	70	N	300	N
HTB27	15	100	7	20	N	N	30	10	N	10	N	200	100	N	10	N	500	N
HTB28	15	70	20	20	N	10	30	10	N	20	N	<100	150	N	50	N	500	N
HTB29	20	70	20	20	N	10	30	20	N	10	N	<100	100	N	20	<200	300	N
HTB30	15	50	20	20	N	N	30	20	N	10	N	100	70	N	20	N	700	N
HTB31	15	30	20	20	N	N	30	10	N	5	N	100	70	N	10	N	150	N
HTB32	15	70	20	20	N	10	30	10	N	15	N	100	100	N	10	N	700	N
HTB33	15	30	20	20	N	N	30	10	N	10	N	100	70	N	10	N	500	N
HTB34	30	150	100	N	N	N	100	10	N	15	N	<100	70	N	10	N	200	N
HTB35	15	30	10	N	N	N	30	10	N	10	N	<100	50	N	100	N	700	N

Tray Mountain-Chattahoochee-Blood Mountain(TCB), Fine-grained Stream Sediments

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	S-CD
HTB36	34 53 5	83 33 32	3.0	.50	.30	.30	500	N	N	N	<10	300	2.0	N	N
HTB37	34 52 36	83 33 45	2.0	.70	.70	.30	700	N	N	N	<10	100	1.0	N	N
HTB38	34 53 44	83 36 32	3.0	.50	.30	.30	500	N	N	N	<10	500	1.0	N	N
HTB39	34 53 49	83 36 26	3.0	.30	.30	.30	700	N	N	N	10	200	1.0	N	N
HTB40	34 53 33	83 34 49	2.0	.30	.15	.30	500	N	N	N	<10	300	2.0	N	N
HTB41	34 53 37	83 34 47	2.0	.30	.10	.20	300	N	N	N	<10	300	1.0	N	N
HTB42	34 55 26	83 37 16	3.0	.50	.50	.30	700	N	N	N	<10	300	1.0	N	N
HTB43	34 55 28	83 37 12	3.0	.50	.50	.70	700	N	N	N	10	300	2.0	N	N
HTB44	34 57 22	83 36 28	2.0	.30	.15	.50	300	N	N	N	N	500	1.0	N	N
HTB45	34 57 45	83 36 43	5.0	.30	.50	.70	500	N	N	N	<10	300	1.0	N	N
HTB46	34 57 19	83 36 38	3.0	.30	.30	.30	500	N	N	N	<10	300	1.0	N	N
HTB47	34 56 57	83 36 41	3.0	.30	.70	.30	700	N	N	N	<10	300	1.0	N	N
HTB48	34 58 58	83 35 18	3.0	.30	.70	.30	700	N	N	N	10	300	2.0	N	N
HTB49	34 58 58	83 35 18	2.0	.30	.20	.30	700	N	N	N	<10	200	1.0	N	N
HTB50	34 58 41	83 35 10	3.0	.50	.30	.30	700	N	N	N	<10	200	1.0	N	N
HTB51	34 53 14	83 36 16	7.0	.20	.15	.70	300	N	N	N	10	300	1.0	N	N
HTB52	34 53 17	83 36 13	7.0	.70	.50	>1.00	700	N	N	N	10	300	<1.0	N	N
HTB53	34 52 53	83 36 1	3.0	.30	.20	.30	500	N	N	N	10	300	1.0	N	N
JGP01	34 48 40	83 47 32	7.0	1.50	.20	1.00	1,000	N	N	N	10	1,000	1.0	N	N
JGP02	34 48 38	83 47 38	5.0	1.00	.20	.70	700	N	N	N	<10	1,000	1.0	N	N
JGP03	34 48 26	83 47 26	5.0	1.00	.15	.70	700	N	N	N	10	700	1.0	N	N
JGP04	34 48 15	83 47 28	5.0	1.00	.30	.70	1,000	N	N	N	10	1,000	1.5	N	N
JGP05	34 47 56	83 47 12	5.0	1.00	.10	.70	700	N	N	N	<10	1,000	1.0	N	N
JGP06	34 47 45	83 47 5	5.0	1.00	.07	.70	500	N	N	N	<10	1,000	1.0	N	N
JGP07	34 37 31	83 47 9	5.0	1.00	.10	.70	500	N	N	N	<10	700	1.0	N	N
JGP08	34 47 19	83 46 54	3.0	1.00	.15	.50	700	N	N	N	<10	1,000	1.0	N	N
JGP09	34 48 10	83 46 21	3.0	.70	.10	.50	700	N	N	N	<10	1,000	1.0	N	N
JGP10	34 47 12	83 46 34	3.0	1.00	.20	.50	500	N	N	N	10	1,000	1.0	N	N
JGP11	34 47 12	83 46 34	3.0	.50	.07	.30	300	N	N	N	10	700	<1.0	N	N
JGP12	34 46 52	83 47 22	2.0	.70	.05	.50	300	N	N	N	<10	700	1.0	N	N
JGP13	34 45 31	83 46 54	3.0	.70	.10	.50	500	N	N	N	10	1,000	1.0	N	N
JGP14	34 45 17	83 47 53	3.0	1.00	.20	.50	700	N	N	N	10	1,000	1.0	N	N
JGP15	34 45 11	83 47 54	3.0	1.00	.10	.50	300	N	N	N	10	1,000	1.0	N	N
JGP16	34 45 57	83 48 22	3.0	.70	.07	.50	500	N	N	N	<10	1,000	1.0	N	N
JGP17	34 45 54	83 48 28	2.0	.50	.10	.70	500	N	N	N	10	1,000	1.0	N	N
JGP18	34 45 48	83 48 29	5.0	.70	.15	1.00	500	N	N	N	10	1,000	1.0	N	N
JGP19	34 45 24	83 47 40	5.0	.50	.10	.70	500	N	N	N	10	1,000	1.0	N	N
JGP20	34 45 1	83 46 48	3.0	.50	.20	.30	500	N	N	N	<10	1,000	1.5	N	N
JGP21	34 45 35	83 51 28	5.0	.70	.07	.70	500	N	N	N	10	1,000	1.0	N	N
JGP22	34 47 21	83 51 2	3.0	.50	.05	.70	500	N	N	N	10	700	1.0	N	N

Tray Mountain-Chattahoochee-Blood Mountain(TCB), Fine-grained Stream Sediments

Sample	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	S-ZR	S-TH
HTB36	20	70	30	N	N	N	50	10	N	15	N	<100	70	N	10	N	200	N
HTB37	20	150	30	N	N	N	70	10	N	15	N	<100	70	N	10	N	100	N
HTB38	15	70	15	20	N	N	20	10	N	10	N	<100	70	N	70	N	200	N
HTB39	20	70	30	20	N	N	30	10	N	15	N	<100	100	N	20	N	200	N
HTB40	10	30	30	50	N	N	20	10	N	10	N	<100	70	N	30	N	500	N
HTB41	10	30	15	20	N	N	20	10	N	N	N	<100	50	N	10	N	70	N
HTB42	30	70	70	50	N	N	50	10	N	15	N	<100	100	N	50	N	200	N
HTB43	20	70	30	50	N	20	30	20	N	15	N	<100	100	N	20	N	700	N
HTB44	15	50	7	100	N	10	20	10	N	15	N	N	70	N	50	N	700	N
HTB45	15	70	30	50	N	20	30	20	N	20	N	<100	150	N	30	N	700	N
HTB46	15	50	20	N	N	10	30	20	N	10	N	<100	70	N	20	N	300	N
HTB47	15	70	10	N	N	N	30	20	N	10	N	100	70	N	20	N	200	N
HTB48	15	50	50	50	N	N	30	20	N	15	N	200	70	N	20	N	700	N
HTB49	15	30	30	50	N	N	30	10	N	10	N	<100	70	N	10	N	200	N
HTB50	15	50	20	50	N	N	30	10	N	N	N	<100	70	N	20	N	300	N
HTB51	10	100	7	50	N	10	10	20	N	15	N	<100	150	N	50	<200	700	N
HTB52	20	150	30	50	N	10	30	20	N	15	N	<100	200	N	50	200	500	N
HTB53	15	100	20	70	N	N	30	30	N	10	N	<100	100	N	70	N	700	N
JGP01	30	70	30	150	N	20	30	20	N	20	N	<100	100	N	70	N	700	N
JGP02	20	70	20	200	N	<20	20	20	N	15	N	100	100	N	70	N	500	N
JGP03	20	50	20	100	N	20	20	20	N	20	N	100	100	N	100	N	1,000	N
JGP04	20	70	20	200	N	<20	20	20	N	20	N	100	100	N	70	N	700	N
JGP05	20	50	20	200	N	20	15	30	N	15	N	<100	100	N	150	N	1,000	N
JGP06	20	50	15	150	N	<20	15	20	N	15	N	<100	70	N	50	N	700	N
JGP07	20	50	30	150	N	<20	20	30	N	15	N	<100	100	N	50	N	700	N
JGP08	15	50	10	200	N	<20	15	15	N	15	N	<100	100	N	50	N	>1,000	N
JGP09	15	50	15	150	N	<20	20	20	N	10	N	<100	100	N	30	N	500	N
JGP10	15	50	15	50	N	<20	20	20	N	15	N	100	100	N	50	N	700	N
JGP11	10	30	10	100	N	<20	20	15	N	10	N	<100	70	N	30	N	700	N
JGP12	15	50	20	200	N	<20	20	20	N	10	N	<100	70	N	50	N	1,000	N
JGP13	10	50	15	150	N	<20	20	20	N	15	N	<100	100	N	50	N	1,000	N
JGP14	20	70	20	300	N	20	20	20	N	20	N	100	100	N	70	N	1,000	N
JGP15	15	70	30	500	N	<20	20	20	N	15	N	<100	100	N	150	N	1,000	N
JGP16	15	50	20	500	N	20	20	20	N	15	N	100	100	N	70	N	1,000	N
JGP17	15	50	15	500	N	<20	15	20	N	15	N	<100	100	N	100	N	>1,000	N
JGP18	20	70	30	200	N	20	20	20	N	20	N	100	100	N	70	N	>1,000	N
JGP19	20	50	20	300	N	20	20	15	N	20	N	100	100	N	100	N	>1,000	N
JGP20	10	50	15	150	N	N	10	30	N	10	N	150	70	N	50	N	500	N
JGP21	20	50	30	150	N	20	30	15	N	15	N	<100	100	N	70	N	300	N
JGP22	15	50	20	300	N	20	20	15	N	15	N	<100	100	N	100	N	1,000	N

Tray Mountain-Chattahoochee-Blood Mountain(TCB), Fine-grained Stream Sediments

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	S-CD
JGP23	34 47 41	83 50 41	3.0	.50	.07	1.00	300	N	N	N	10	500	1.0	N	N
JGP24	34 52 5	83 45 33	3.0	.50	.20	1.00	300	N	N	N	70	500	1.0	N	N
JGP25	34 52 5	83 45 33	5.0	1.00	.50	1.00	700	N	N	N	10	300	1.0	N	N
JGP27	34 51 20	83 47 23	3.0	.50	.10	.50	300	N	N	N	150	500	1.0	N	N
JGP28	34 45 12	83 50 27	5.0	1.00	.20	.50	700	N	N	N	10	1,000	1.0	N	N
JGP29	34 45 12	83 50 27	5.0	1.50	.20	.70	500	N	N	N	<10	1,000	1.0	N	N
JGP30	34 49 51	83 49 54	5.0	.70	.50	1.00	500	N	N	N	20	300	1.0	N	N
JGP31	34 49 56	83 49 54	2.0	.10	.10	1.00	200	N	N	N	<10	150	1.0	N	N
JGP32	34 51 5	83 50 23	3.0	.50	.15	1.00	300	N	N	N	200	300	1.5	N	N
JGP33	34 51 5	83 50 23	3.0	.30	.20	1.00	500	N	N	N	150	500	1.0	N	N
JGP34	34 49 35	83 48 51	5.0	.50	.20	1.00	500	N	N	N	30	500	1.0	N	N
JGP35	34 49 24	83 49 15	2.0	.30	.30	1.00	700	N	N	N	10	300	<1.0	N	N
JGP36	34 48 58	83 50 50	2.0	.30	.50	1.00	500	N	N	N	30	300	1.0	N	N
JGP37	34 50 27	83 51 44	2.0	.20	.20	1.00	300	N	N	N	20	500	1.0	N	N
JGP38	34 51 11	83 52 20	2.0	.20	.20	.70	1,000	N	N	N	20	500	1.0	N	N
JGP39	34 50 12	83 46 17	2.0	.50	.15	.50	500	N	N	N	<10	700	<1.0	N	N
JGP40	34 50 9	83 46 36	2.0	.50	.15	.50	500	N	N	N	10	1,000	1.0	N	N
JGP41	34 50 16	83 46 39	2.0	.30	.15	.70	500	N	N	N	<10	700	<1.0	N	N
MAC01	34 57 48	83 38 39	3.0	.50	.30	.50	700	N	N	N	<10	500	2.0	N	N
MAC02	34 57 48	83 38 39	3.0	.70	1.00	.30	700	N	N	N	<10	300	2.0	N	N
MAC03	34 57 53	83 40 39	3.0	.70	1.00	.70	700	N	N	N	<10	300	1.0	N	N
MAC04	34 57 53	83 40 39	3.0	.70	.50	.30	700	N	N	N	<10	300	1.0	N	N
MAC05	34 56 44	83 40 0	3.0	.50	.30	.70	500	N	N	N	<10	500	1.0	N	N
MAC06	34 57 0	83 40 51	5.0	.20	.15	>1.00	700	N	N	N	10	200	1.0	N	N
MAC07	34 57 0	83 40 51	3.0	.50	.20	.50	500	N	N	N	<10	300	1.0	N	N
MAC08	34 56 46	83 42 14	3.0	.50	.30	.50	500	N	N	N	<10	300	1.0	N	N
MAC09	34 53 25	83 42 56	2.0	.50	.15	.50	700	N	N	N	<10	300	1.0	N	N
MAC10	34 53 52	83 42 12	2.0	.20	.05	.30	500	N	N	N	<10	200	1.0	N	N
MAC11	34 53 17	83 41 43	3.0	.50	.30	1.00	700	N	N	N	<10	500	1.0	N	N
MAC12	34 53 17	83 41 43	3.0	.50	.70	.50	700	N	N	N	10	300	1.0	N	N
MAC13	34 55 36	83 38 1	3.0	.30	.20	>1.00	500	N	N	N	15	150	1.0	N	N
MAC14	34 55 26	83 38 33	5.0	.30	.20	>1.00	500	N	N	N	10	500	1.0	N	N
MAC15	34 55 26	83 38 33	1.5	.30	.30	.30	700	N	N	N	<10	300	1.0	N	N
MAC16	34 54 35	83 40 52	2.0	.30	.10	.30	500	N	N	N	<10	300	1.0	N	N
MAC17	34 57 14	83 40 10	1.5	.20	.15	.30	500	N	N	N	<10	300	1.0	N	N
MAC18	34 57 14	83 40 10	1.5	.30	.15	.30	700	N	N	N	10	300	1.0	N	N
MAC19	34 53 50	83 39 56	2.0	.70	.50	.50	700	N	N	N	N	500	2.0	N	N
MAC20	34 53 50	83 39 56	2.0	.30	.20	.20	500	N	N	N	<10	300	1.0	N	N
MAC21	34 54 30	83 40 0	3.0	.70	2.00	.70	700	N	N	N	10	200	1.0	N	N
MAC22	34 54 30	83 40 0	2.0	.30	.30	.50	500	N	N	N	<10	300	1.0	N	N

Tray Mountain-Chattahoochee-Blood Mountain(TCB), Fine-grained Stream Sediments

Sample	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	S-ZR	S-TH
JGP23	20	70	20	500	N	30	15	10	N	20	N	<100	70	N	100	N	>1,000	N
JGP24	15	50	15	100	N	<20	20	15	N	15	N	<100	70	N	50	N	700	N
JGP25	30	100	30	200	N	20	30	10	N	20	N	<100	100	N	50	N	1,000	N
JGP27	15	30	20	100	N	<20	20	15	N	10	N	100	100	N	30	N	500	N
JGP28	20	70	20	200	N	<20	30	20	N	15	N	100	100	N	70	N	700	N
JGP29	30	50	30	300	N	20	30	20	N	20	N	100	100	N	100	N	>1,000	N
JGP30	20	70	20	100	N	<20	20	10	N	20	N	100	100	N	150	N	1,000	N
JGP31	7	20	<5	150	N	20	5	<10	N	10	N	<100	30	N	30	N	300	N
JGP32	15	30	15	50	N	<20	15	15	N	10	N	100	70	N	20	N	100	N
JGP33	10	30	15	70	N	<20	10	20	N	10	N	100	70	N	20	N	150	N
JGP34	10	70	15	500	N	20	20	15	N	20	N	100	150	N	100	N	>1,000	N
JGP35	20	70	20	30	N	<20	20	10	N	20	N	100	100	N	20	N	500	N
JGP36	20	50	15	20	N	20	20	10	N	20	N	100	100	N	15	N	300	N
JGP37	20	50	15	150	N	<20	20	15	N	10	N	<100	70	N	20	N	200	N
JGP38	15	50	15	500	N	N	20	15	N	10	N	<100	70	N	70	N	200	N
JGP39	20	30	15	150	N	<20	15	15	N	15	N	<100	70	N	50	N	700	N
JGP40	15	50	15	150	N	<20	15	15	N	15	N	<100	70	N	50	N	500	N
JGP41	15	30	15	50	N	<20	10	15	N	15	N	<100	70	N	30	N	1,000	N
MAC01	15	50	20	100	N	10	30	20	N	15	N	200	70	N	50	N	700	N
MAC02	30	100	20	50	N	N	70	20	N	15	N	200	100	N	30	N	200	N
MAC03	15	100	20	50	N	10	20	30	N	20	N	200	100	N	70	N	700	N
MAC04	15	70	30	50	N	10	30	20	N	10	N	200	70	N	30	<200	300	N
MAC05	20	70	15	150	N	10	30	30	N	20	N	200	150	N	70	<200	500	N
MAC06	15	100	10	200	N	10	7	20	N	30	N	<100	100	N	70	<200	>1,000	N
MAC07	15	70	30	50	N	10	30	20	N	15	N	100	70	N	150	N	700	N
MAC08	15	50	20	50	N	10	30	20	N	10	N	100	70	N	20	N	700	N
MAC09	15	50	30	150	N	N	30	20	N	10	N	100	70	N	150	N	500	N
MAC10	10	50	50	20	N	N	30	10	N	10	N	100	70	N	20	N	300	N
MAC11	15	70	30	20	N	10	30	30	N	15	N	100	70	N	50	N	700	N
MAC12	20	100	20	20	N	10	30	10	N	20	N	100	150	N	20	<200	300	N
MAC13	15	70	20	50	N	20	15	20	N	15	N	100	70	N	30	N	>1,000	N
MAC14	15	100	10	150	N	20	15	30	N	20	N	100	200	N	70	N	>1,000	N
MAC15	10	50	7	20	N	N	15	20	N	5	N	100	50	N	70	N	300	N
MAC16	15	50	10	20	N	N	30	20	N	10	N	100	70	N	20	N	300	N
MAC17	10	30	7	20	N	N	20	10	N	5	N	100	30	N	30	N	300	N
MAC18	15	30	20	50	N	N	20	10	N	5	N	100	70	N	20	N	200	N
MAC19	10	30	20	50	N	N	15	20	N	15	N	100	70	N	30	N	700	N
MAC20	10	50	15	20	N	N	30	10	N	5	N	100	70	N	20	N	300	N
MAC21	20	100	20	20	N	10	30	10	N	30	N	100	200	N	50	N	1,000	N
MAC22	15	50	7	N	N	10	20	20	N	10	N	<100	70	N	20	N	700	N

Tray Mountain-Chattahoochee-Blood Mountain(TCB), Fine-grained Stream Sediments

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	S-CD
MAC23	34 54 33	83 39 13	1.5	.30	.20	.30	500	N	N	N	<10	300	1.0	N	N
MAC24	34 54 33	83 39 13	2.0	.30	.20	.30	500	N	N	N	<10	300	1.0	N	N
MAC25	34 54 31	83 38 40	2.0	.50	.30	.30	700	N	N	N	<10	300	2.0	N	N
MAC26	34 54 23	83 38 33	2.0	.30	.20	.20	500	N	N	N	<10	300	1.0	N	N
MAC27	34 54 23	83 38 33	2.0	.50	.30	.30	700	N	N	N	<10	300	1.0	N	N
MAC28	34 59 20	83 43 18	3.0	.20	.10	>1.00	200	N	N	N	15	150	1.0	N	N
MAC29	34 59 20	83 43 18	2.0	.20	.10	.70	300	N	N	N	20	200	2.0	N	N
MAC30	34 58 50	83 42 22	3.0	.50	.50	.50	500	N	N	N	<10	300	1.0	N	N
MAC31	34 57 57	83 43 6	3.0	.30	.30	1.00	700	N	N	N	<10	200	1.0	N	N
MAC32	34 57 57	83 43 6	2.0	.30	.20	.50	700	N	N	N	<10	200	1.0	N	N
MAC33	34 59 42	83 39 23	3.0	1.50	1.50	.50	700	N	N	N	<10	200	2.0	N	N
MAC34	35 0 2	83 39 9	3.0	.50	.50	.50	700	N	N	N	<10	200	1.0	N	N
MAC35	35 0 2	83 39 9	3.0	.70	.70	>1.00	700	N	N	N	10	300	1.0	N	N
MAC36	34 59 54	83 40 24	2.0	.50	.50	.30	700	N	N	N	<10	300	1.0	N	N
MAC37	34 59 42	83 39 23	3.0	.50	.70	.30	700	N	N	N	<10	300	2.0	N	N
MAC38	34 59 54	83 40 24	3.0	.30	.20	.70	1,000	N	N	N	<10	150	1.0	N	N
MAC39	34 59 54	83 40 24	2.0	.20	.20	.30	300	N	N	N	N	500	2.0	N	N
NFP03	34 41 19	83 52 56	3.0	.50	.15	.70	500	N	N	N	10	700	1.0	N	N
NGP01	34 41 9	83 53 42	5.0	.30	.10	.50	500	N	N	N	<10	500	1.0	N	N
NGP02	34 41 19	83 52 56	3.0	.30	.10	1.00	500	N	N	N	10	1,000	1.0	N	N
NGP04	34 41 14	83 53 29	5.0	1.00	.50	.50	500	N	N	N	10	1,500	1.5	N	N
NGP05	34 42 12	83 52 55	5.0	1.00	.50	.70	1,000	N	N	N	10	1,500	1.5	N	N
NGP06	34 42 12	83 52 55	5.0	1.00	.50	1.00	1,000	N	N	N	<10	1,000	1.0	N	N
NGP07	34 41 35	83 53 30	5.0	1.00	.20	1.00	700	N	N	N	<10	700	1.0	N	N
NGP08	34 41 35	83 53 30	7.0	1.00	.50	1.00	1,000	N	N	N	10	1,000	1.0	N	N
NGP09	34 41 13	83 53 30	3.0	.70	.10	1.00	500	N	N	N	10	700	1.0	N	N
NGP10	34 42 0	83 57 48	5.0	1.00	.30	>1.00	700	N	N	N	10	1,000	1.0	N	N
NGP11	34 42 0	83 57 48	5.0	1.00	.30	>1.00	700	N	N	N	<10	300	1.0	N	N
NGP12	34 42 6	83 57 25	7.0	1.00	.30	1.00	700	N	N	N	<10	500	1.0	N	N
NGP13	34 42 16	83 57 2	7.0	1.00	.30	>1.00	700	N	N	N	<10	300	<1.0	N	N
NGP14	34 42 16	83 57 2	7.0	.70	.20	>1.00	700	N	N	N	10	300	<1.0	N	N
NGP15	34 41 14	83 56 53	5.0	.70	.15	1.00	700	N	N	N	<10	700	<1.0	N	N
NGP16	34 41 14	83 56 53	7.0	1.00	.20	>1.00	700	N	N	N	<10	500	N	N	N
NGP17	34 41 11	83 56 38	5.0	1.00	.20	1.00	700	N	N	N	10	1,000	<1.0	N	N
NGP18	34 41 54	83 54 48	5.0	1.00	.10	1.00	500	N	N	N	10	1,000	1.0	N	N
NGP19	34 40 26	83 57 21	5.0	.70	.10	1.00	700	N	N	N	10	500	N	N	N
NGP20	34 40 36	83 57 18	5.0	1.00	.20	.70	1,000	N	N	N	10	700	<1.0	N	N
NGP21	34 40 49	83 58 51	5.0	1.00	.30	.70	1,500	N	N	N	10	1,000	1.5	N	N
NGP22	34 40 49	83 58 51	5.0	1.00	.20	>1.00	1,000	N	N	N	<10	700	<1.0	N	N
NGP23	34 40 57	83 58 31	5.0	1.00	.30	1.00	1,000	N	N	N	<10	700	1.0	N	N

Tray Mountain-Chattahoochee-Blood Mountain(TCB), Fine-grained Stream Sediments

Sample	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	S-ZR	S-TH
MAC23	10	30	10	N	N	N	20	10	N	N	N	<100	50	N	10	N	300	N
MAC24	15	30	10	20	N	N	30	10	N	5	N	100	70	N	20	N	200	N
MAC25	15	50	20	20	N	10	30	20	N	10	N	100	70	N	70	N	500	N
MAC26	15	50	15	N	N	N	30	20	N	5	N	100	70	N	20	N	150	N
MAC27	15	50	15	20	N	N	30	20	N	5	N	<100	70	N	50	N	500	N
MAC28	15	30	15	150	N	20	30	20	N	10	N	<100	70	N	20	N	300	N
MAC29	15	30	30	70	N	10	30	20	N	10	N	<100	70	N	30	<200	300	N
MAC30	20	70	20	150	N	N	30	20	N	15	N	200	100	N	30	N	300	N
MAC31	10	30	20	70	N	20	15	10	N	15	N	100	70	N	20	N	1,000	N
MAC32	15	30	30	20	N	10	20	10	N	15	N	100	70	N	20	N	500	N
MAC33	20	150	20	70	N	N	50	20	N	20	N	100	150	N	70	N	300	N
MAC34	20	100	20	50	N	N	50	20	N	15	N	<100	100	N	30	N	300	N
MAC35	20	100	20	100	N	20	50	20	N	20	N	100	150	N	100	N	700	N
MAC36	15	70	10	50	N	N	30	20	N	10	N	100	70	N	70	N	300	N
MAC37	20	70	20	50	N	N	30	30	N	10	N	100	70	N	30	N	300	N
MAC38	10	30	20	70	N	N	20	20	N	10	N	<100	50	N	70	N	1,000	N
MAC39	15	50	7	70	N	10	30	10	N	15	N	N	70	N	50	N	700	N
NFP03	15	100	30	200	N	20	10	20	N	20	N	<100	100	N	100	N	>1,000	N
NGP01	20	70	50	200	N	20	20	20	N	15	N	N	100	N	50	N	500	N
NGP02	10	50	15	500	N	30	10	20	N	20	N	N	100	N	100	N	>1,000	<100
NGP04	20	100	30	200	N	<20	20	30	N	20	N	200	100	N	70	N	500	N
NGP05	20	100	30	150	N	<20	20	30	N	20	N	100	100	N	70	N	1,000	N
NGP06	20	70	20	1,000	N	20	15	20	N	30	N	100	100	N	150	N	>1,000	<100
NGP07	20	100	50	500	N	30	20	20	N	20	N	<100	100	N	70	N	>1,000	N
NGP08	20	100	30	700	N	20	20	30	N	20	N	100	100	N	100	N	700	<100
NGP09	10	70	50	300	N	20	10	15	N	20	N	<100	70	N	100	N	>1,000	N
NGP10	20	150	30	500	N	<20	15	20	N	20	N	<100	100	N	150	N	>1,000	N
NGP11	20	100	20	200	N	20	15	15	N	20	N	<100	100	N	70	N	1,000	N
NGP12	20	150	50	300	N	<20	20	20	N	20	N	<100	100	N	100	N	1,000	N
NGP13	20	100	30	500	N	20	20	15	N	30	N	<100	100	N	100	N	>1,000	N
NGP14	20	100	50	500	N	20	20	20	N	30	N	<100	100	N	100	N	>1,000	N
NGP15	20	70	70	500	N	20	20	20	N	20	N	<100	100	N	100	N	>1,000	N
NGP16	20	100	30	500	N	20	10	15	N	30	N	<100	100	N	100	N	>1,000	N
NGP17	20	100	70	300	N	20	20	30	N	20	N	<100	100	N	70	N	>1,000	N
NGP18	20	70	30	500	N	<20	20	30	N	20	N	<100	100	N	100	N	>1,000	N
NGP19	20	100	50	300	N	20	20	15	N	20	N	<100	100	N	100	N	>1,000	N
NGP20	20	100	50	50	N	<20	20	20	N	20	N	100	100	N	50	N	1,000	N
NGP21	30	70	70	300	N	<20	30	30	N	15	N	<100	100	N	70	N	500	N
NGP22	20	70	70	500	N	20	20	20	N	20	N	100	100	N	150	N	1,000	N
NGP23	20	70	50	200	N	20	20	20	N	20	N	<100	100	N	70	N	700	N

Tray Mountain-Chattahoochee-Blood Mountain(TCB), Fine-grained Stream Sediments

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	S-CD
NGP24	34 41 48	83 56 22	5.0	1.00	.20	1.00	700	N	N	N	<10	700	1.0	N	N
NGP25	34 41 48	83 56 22	5.0	.70	.20	>1.00	500	N	N	N	<10	500	<1.0	N	N
NGP26	34 41 35	83 56 18	5.0	1.00	.15	>1.00	700	N	N	N	<10	700	<1.0	N	N
NGP27	34 42 52	83 54 47	5.0	1.00	.10	1.00	700	N	N	N	<10	1,000	<1.0	N	N
NGP28	34 42 52	83 54 47	5.0	1.00	.15	1.00	500	N	N	N	10	1,000	<1.0	N	N
NGP29	34 41 58	83 55 0	5.0	1.00	.15	1.00	700	N	N	N	<10	1,000	1.0	N	N
NGP30	34 42 31	83 54 41	7.0	1.00	.10	1.00	500	N	N	N	<10	1,000	<1.0	N	N
NGP31	34 43 8	83 54 21	5.0	1.00	.20	1.00	700	N	N	N	10	1,500	<1.0	N	N
NGP32	34 44 26	83 55 23	5.0	1.00	.30	>1.00	1,000	N	N	N	10	500	<1.0	N	N
NGP33	34 43 32	83 58 45	5.0	1.00	.30	1.00	700	N	N	N	<10	700	<1.0	N	N
NGP34	34 44 27	83 57 23	5.0	1.50	.70	1.00	700	N	N	N	<10	500	<1.0	N	N
NGP35	34 44 27	83 57 23	3.0	1.00	.50	1.00	1,000	N	N	N	<10	1,000	1.0	N	N
NGP36	34 44 25	83 57 36	5.0	1.50	.50	.70	1,000	N	N	N	<10	1,000	1.0	N	N
NGP37	34 44 10	83 57 52	7.0	1.00	.70	1.00	1,000	N	N	N	<10	500	<1.0	N	N
NGP38	34 44 7	83 58 5	5.0	1.00	.70	.50	700	N	N	N	<10	700	<1.0	N	N
NGP39	34 43 53	83 58 13	7.0	1.00	.70	>1.00	700	N	N	N	<10	700	<1.0	N	N
NGP40	34 44 39	83 52 59	5.0	1.00	.50	1.00	500	N	N	N	<10	700	<1.0	N	N
NGP41	34 44 39	83 52 59	5.0	.70	.50	.70	500	N	N	N	10	700	1.0	N	N
NGP42	34 44 39	83 52 59	7.0	1.00	.30	.70	700	N	N	N	<10	1,000	1.0	N	N
NGP43	34 44 39	83 52 59	7.0	1.00	.30	.70	700	N	N	N	<10	1,000	<1.0	N	N
PRT01	35 2 36	83 27 3	3.0	.50	.30	.70	500	N	N	N	<10	700	1.0	N	N
PRT02	35 2 36	83 27 3	5.0	.30	.50	>1.00	700	N	N	N	<10	500	<1.0	N	N
PRT03	35 3 14	83 25 58	7.0	.20	.10	>1.00	500	N	N	N	20	300	1.0	N	N
PRT04	35 3 14	83 25 58	5.0	.70	.50	.70	500	N	N	N	10	500	2.0	N	N
PRT05	35 3 31	83 27 28	5.0	.50	.30	.70	700	N	N	N	10	300	1.0	N	N
PRT06	35 3 34	83 26 35	3.0	.30	.20	.30	500	N	N	N	<10	300	1.0	N	N
PRT07	35 2 41	83 25 20	5.0	.30	.70	>1.00	700	N	N	N	10	300	1.0	N	N
PRT08	35 1 39	83 29 14	7.0	1.00	.30	.50	700	N	N	N	10	700	1.0	N	N
PRT09	35 1 34	83 29 16	3.0	.70	.30	.50	500	N	N	N	<10	700	1.0	N	N
PRT10	35 1 37	83 29 11	5.0	1.00	.20	.50	1,000	N	N	N	<10	700	1.0	N	N
PRT11	35 1 45	83 29 44	7.0	1.00	.30	.70	1,000	7.0	N	N	10	1,000	1.0	N	N
RBS01	35 1 32	83 33 12	3.0	.30	.30	.30	500	N	N	N	<10	300	1.0	N	N
RBS02	35 1 32	83 33 12	3.0	1.00	1.00	.50	1,000	N	N	N	<10	500	1.0	N	N
RBS03	35 1 26	83 33 15	5.0	.50	.50	.30	700	N	N	N	10	500	1.0	N	N
RBS04	35 1 14	83 33 15	3.0	.20	.20	.30	700	N	N	N	<10	300	1.0	N	N
RBS05	35 1 9	83 33 10	3.0	.50	.50	.30	700	N	N	N	<10	500	1.0	N	N
RBS06	35 0 41	83 33 22	5.0	1.50	.70	.30	700	N	N	N	<10	500	1.0	N	N
RBS07	35 0 41	83 33 22	5.0	1.50	1.00	.30	700	N	N	N	10	300	1.0	N	N
RBS08	35 0 31	83 33 8	3.0	.50	.50	.50	500	N	N	N	<10	500	1.0	N	N
RBS09	35 0 44	83 35 43	5.0	1.50	1.50	.30	700	N	N	N	<10	300	1.0	N	N

Tray Mountain-Chattahoochee-Blood Mountain(TCB), Fine-grained Stream Sediments

Sample	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	S-ZR	S-TH
NGP24	20	100	70	500	N	20	20	30	N	20	N	<100	100	N	100	N	1,000	N
NGP25	20	70	50	300	N	20	15	20	N	20	N	<100	100	N	100	N	>1,000	N
NGP26	20	100	50	700	N	30	15	20	N	20	N	<100	100	N	150	N	>1,000	N
NGP27	20	100	50	500	N	20	20	50	N	20	N	<100	100	N	100	200	>1,000	N
NGP28	20	70	70	500	N	20	30	30	N	20	N	100	100	N	100	N	>1,000	N
NGP29	20	100	70	200	N	<20	20	30	N	20	N	100	100	N	70	N	100	N
NGP30	20	70	50	500	N	<20	30	30	N	20	N	150	100	N	100	<200	>1,000	N
NGP31	20	70	50	500	N	<20	20	30	N	20	N	100	100	N	100	N	>1,000	N
NGP32	30	70	30	500	N	20	20	20	N	30	N	<100	100	N	100	N	>1,000	N
NGP33	20	100	20	500	N	<20	20	20	N	30	N	100	150	N	150	N	>1,000	N
NGP34	20	100	30	500	N	<20	20	20	N	20	N	100	100	N	150	N	>1,000	N
NGP35	20	100	20	300	N	<20	20	30	N	20	N	100	70	N	70	N	>1,000	N
NGP36	20	70	30	200	N	20	20	30	N	20	N	<100	100	N	500	N	700	N
NGP37	20	150	15	700	N	20	20	20	N	30	N	<100	150	N	300	N	>1,000	N
NGP38	20	100	30	100	N	<20	20	15	N	20	N	100	100	N	50	N	300	N
NGP39	20	100	15	500	N	20	20	20	N	30	N	<100	150	N	150	N	1,000	N
NGP40	20	100	20	200	N	20	20	20	N	20	N	<100	100	N	100	N	1,000	N
NGP41	15	50	20	300	N	20	20	20	N	15	N	150	100	N	50	N	300	N
NGP42	20	50	30	200	N	30	20	20	N	20	N	100	100	N	100	N	700	N
NGP43	20	50	30	200	N	20	20	30	N	20	N	100	100	N	70	N	1,000	N
PRT01	20	100	30	50	N	10	30	50	N	15	N	100	150	N	50	<200	500	N
PRT02	30	150	20	50	N	10	30	20	N	20	N	100	150	N	70	<200	500	N
PRT03	20	100	20	50	N	30	30	10	N	30	N	<100	300	N	50	<200	1,000	N
PRT04	20	150	20	50	N	10	50	30	N	20	N	200	150	N	50	<200	500	N
PRT05	15	100	20	50	N	10	30	20	N	15	N	100	150	N	30	<200	200	N
PRT06	15	70	15	50	N	10	30	10	N	10	N	<100	70	N	20	N	300	N
PRT07	20	100	10	50	N	20	20	10	N	30	N	200	200	N	70	<200	700	N
PRT08	20	100	30	300	N	20	50	50	N	30	N	100	150	N	50	N	1,000	N
PRT09	15	100	20	50	N	<20	30	15	N	20	N	100	100	N	20	N	1,000	N
PRT10	30	70	20	200	N	20	30	30	N	30	N	<100	100	N	30	N	>1,000	N
PRT11	30	100	30	100	N	30	30	30	N	30	N	100	150	N	50	N	1,000	N
RBS01	15	70	30	70	N	N	30	30	N	10	N	<100	70	N	50	N	300	N
RBS02	15	70	30	100	N	10	30	50	N	20	N	300	70	N	70	200	700	N
RBS03	15	100	20	100	N	N	30	50	N	15	N	100	100	N	50	N	300	N
RBS04	10	50	15	100	N	N	15	30	N	5	N	100	70	N	50	N	500	N
RBS05	15	70	30	200	N	N	30	30	N	10	N	200	70	N	70	<200	200	N
RBS06	20	100	30	70	N	10	30	50	N	15	N	300	100	N	70	<200	300	N
RBS07	30	150	30	100	N	N	70	30	N	15	N	100	100	N	50	<200	100	N
RBS08	15	70	30	150	N	20	30	70	N	15	N	200	70	N	70	N	700	N
RBS09	30	150	30	70	N	10	70	30	N	30	N	200	150	N	50	<200	300	N

Tray Mountain-Chattahoochee-Blood Mountain(TCB), Fine-grained Stream Sediments

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	S-CD
RBS10	35 0 48	83 36 23	3.0	1.50	1.00	.30	700	N	N	N	<10	300	1.0	N	N
RBS11	35 0 52	83 36 39	7.0	1.50	1.50	.70	700	N	N	N	10	300	1.0	N	N
RBS12	35 0 15	83 36 32	3.0	.70	.70	.30	700	N	N	N	<10	300	1.0	N	N
RBS13	35 0 11	83 36 45	3.0	1.00	.50	.30	700	N	N	N	<10	500	1.0	N	N
RBS14	35 0 19	83 37 5	3.0	1.00	1.00	.50	700	N	N	N	<10	300	1.0	N	N
RBS15	35 3 32	83 35 12	7.0	.30	.30	.70	700	N	N	N	10	500	1.0	N	N
RBS16	35 3 32	83 35 12	3.0	.70	.50	.30	700	N	N	N	<10	200	1.0	N	N
RBS17	35 3 53	83 35 23	3.0	1.00	1.00	.30	1,000	N	N	N	<10	150	1.0	N	N
RBS19	35 1 18	83 30 4	7.0	1.00	.50	1.00	700	N	N	N	10	1,000	1.0	N	N
RBS20	35 1 18	83 30 4	7.0	1.00	.50	>1.00	1,000	N	N	N	10	1,000	1.0	N	N
RBS21	35 1 3	83 30 24	7.0	.70	.70	>1.00	1,500	N	N	N	10	700	1.5	N	N
RBS22	35 1 3	83 30 24	5.0	.70	.50	1.00	1,000	N	N	N	10	700	1.0	N	N
RBS23	35 1 3	83 30 24	7.0	1.00	.50	>1.00	1,000	N	N	N	<10	1,000	1.0	N	N
RBS24	35 1 19	83 30 21	7.0	.70	.70	1.00	1,000	N	N	N	10	1,000	1.0	N	N
RBS25	35 2 23	83 30 11	10.0	1.00	.10	>1.00	1,000	N	N	N	<10	1,000	1.0	N	N
RBS26	35 2 7	83 30 48	10.0	.70	.20	>1.00	1,000	N	N	N	<10	700	<1.0	N	N
RBS27	35 2 7	83 30 48	7.0	.70	.50	1.00	700	N	N	N	10	1,000	1.0	N	N
RBS28	35 2 26	83 30 46	10.0	.70	.30	>1.00	1,000	N	N	N	10	1,000	<1.0	N	N
RBS29	35 2 26	83 30 46	10.0	.70	1.00	1.00	1,000	N	N	N	10	1,000	<1.0	N	N
RBS30	35 3 19	83 30 11	7.0	1.00	1.00	1.00	700	N	N	N	15	1,500	1.0	N	N
RBS31	35 3 19	83 30 11	5.0	.70	.50	.70	1,000	N	N	N	10	1,000	1.0	N	N
RBS32	35 3 34	83 31 11	7.0	1.50	2.00	1.00	700	N	N	N	10	700	1.0	N	N
RBS33	35 4 27	83 31 26	5.0	1.00	.50	.70	1,000	N	N	N	<10	1,000	1.0	N	N
RBS34	35 3 38	83 32 37	7.0	1.00	1.50	1.00	1,000	N	N	N	10	1,000	<1.0	N	N
RBS35	35 3 38	83 32 37	7.0	1.50	1.50	.70	1,000	N	N	N	10	1,000	1.5	N	N
RBS36	35 4 11	83 31 57	7.0	1.50	2.00	1.00	1,000	N	N	N	20	1,000	1.5	N	N
RBS37	35 5 14	83 32 37	7.0	2.00	2.00	1.00	1,500	N	N	N	<10	700	1.0	N	N
RBS38	35 2 49	83 36 33	7.0	1.50	1.00	1.00	1,000	N	N	N	<10	1,000	1.0	N	N
RBS39	35 2 49	83 36 33	7.0	1.00	1.00	1.00	1,000	N	N	N	<10	700	2.0	N	N
RBS40	35 2 26	83 36 28	7.0	1.50	1.50	.70	1,500	N	N	N	<10	1,000	2.0	N	N
RBS41	35 2 20	83 36 51	7.0	2.00	1.50	1.00	1,500	N	N	N	<10	700	1.5	N	N
RBS42	35 2 46	83 34 46	5.0	1.00	.50	.50	1,000	N	N	N	10	1,000	2.0	N	N
RBS43	35 3 3	83 37 35	10.0	.70	.50	1.00	1,000	N	N	N	<10	1,000	1.5	N	N
SHT01	35 1 13	83 42 17	7.0	.30	.30	>1.00	500	N	N	N	15	500	1.0	N	N
SHT02	35 1 13	83 41 7	3.0	.15	<.05	>1.00	300	N	N	N	15	150	<1.0	N	N
SHT03	35 1 13	83 41 7	5.0	.30	.30	>1.00	700	N	N	N	30	300	<1.0	N	N
SHT04	35 0 39	83 40 9	3.0	.30	.20	>1.00	500	N	N	N	<10	300	1.0	N	N
SHT05	35 0 55	83 37 54	5.0	1.50	1.50	.70	1,000	N	N	N	10	300	1.0	N	N
SHT07	35 1 16	83 38 32	3.0	1.00	.30	.70	500	N	N	N	<10	300	1.0	N	N
SHT08	35 0 56	83 38 18	3.0	.70	.70	>1.00	1,000	N	N	N	<10	200	<1.0	N	N

Tray Mountain-Chattahoochee-Blood Mountain(TCB), Fine-grained Stream Sediments

Sample	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	S-ZR	S-TH
RBS10	20	100	30	150	N	20	30	50	N	20	N	100	70	N	50	N	700	N
RBS11	30	100	50	100	N	10	70	50	N	30	N	100	100	N	70	N	1,000	N
RBS12	15	70	20	150	N	N	30	20	N	10	N	100	70	N	50	N	300	N
RBS13	30	150	30	50	N	20	70	50	N	20	N	100	100	N	50	<200	700	N
RBS14	20	70	20	70	N	10	50	20	N	20	N	100	150	N	50	<200	700	N
RBS15	10	100	10	200	N	N	20	30	N	15	10	100	150	N	70	<200	700	N
RBS16	15	70	30	50	N	10	30	10	N	10	N	100	70	N	20	N	200	N
RBS17	20	100	30	20	N	N	50	10	N	15	N	100	100	N	20	N	500	N
RBS19	30	100	30	100	N	20	50	20	N	30	N	100	150	N	70	N	1,000	N
RBS20	20	100	30	100	N	50	30	30	N	30	N	100	150	N	50	N	>1,000	N
RBS21	30	100	20	100	N	50	20	20	N	30	N	150	150	N	50	N	500	N
RBS22	20	100	10	100	N	30	20	20	N	20	N	150	100	N	30	N	700	N
RBS23	20	150	30	200	N	50	30	30	N	30	N	150	100	N	50	N	>1,000	N
RBS24	30	150	10	150	N	30	20	20	N	30	N	150	100	N	30	N	1,000	N
RBS25	20	100	15	30	N	30	20	20	N	30	N	200	150	N	30	N	300	N
RBS26	30	150	20	150	N	30	30	20	N	50	N	100	200	N	30	N	1,000	N
RBS27	20	100	30	70	N	30	30	30	N	20	N	100	100	N	70	N	500	N
RBS28	20	100	30	300	N	30	50	30	N	30	N	100	150	N	50	N	>1,000	N
RBS29	30	100	20	200	N	30	20	20	N	30	N	150	100	N	50	N	1,000	N
RBS30	30	100	30	150	N	50	50	30	N	30	N	200	100	N	30	N	700	N
RBS31	20	70	20	70	N	30	20	50	N	20	N	150	100	N	20	N	700	N
RBS32	30	100	30	100	N	30	50	20	N	30	N	200	150	N	50	N	1,000	N
RBS33	20	100	20	300	N	30	50	20	N	15	N	100	100	N	50	N	300	N
RBS34	20	100	30	200	N	30	30	20	N	20	N	300	70	N	70	N	>1,000	N
RBS35	20	100	30	70	N	20	20	30	N	20	N	300	100	N	50	N	500	N
RBS36	30	100	30	200	N	30	50	30	N	30	N	300	100	N	70	N	700	N
RBS37	30	100	30	150	N	20	50	20	N	30	N	100	200	N	50	N	1,000	N
RBS38	20	100	20	300	N	<20	50	20	N	30	N	200	200	N	100	N	>1,000	N
RBS39	20	70	30	300	N	30	50	20	N	30	N	200	150	N	100	N	1,000	N
RBS40	30	100	30	150	N	30	30	30	N	30	N	200	150	N	70	N	700	N
RBS41	50	100	50	200	N	50	50	50	N	30	150	150	150	N	100	N	700	N
RBS42	20	70	30	100	N	20	30	50	N	20	N	200	150	N	50	N	1,000	N
RBS43	20	100	20	500	N	20	20	30	N	30	N	100	150	N	200	N	>1,000	N
SHT01	15	150	30	150	N	10	30	30	N	20	N	100	200	N	70	300	>1,000	N
SHT02	15	50	15	50	N	20	15	10	N	20	N	<100	70	N	30	N	500	N
SHT03	20	100	30	50	N	20	20	30	N	20	N	<100	70	N	30	<200	700	N
SHT04	15	70	20	200	N	N	20	20	N	20	N	<100	100	N	70	N	1,000	N
SHT05	30	150	30	70	N	10	50	30	N	30	N	100	100	N	70	N	300	N
SHT07	20	100	30	70	N	30	30	30	N	20	N	<100	100	N	50	N	700	N
SHT08	20	100	20	70	N	30	30	20	N	20	N	<100	150	N	50	N	700	N

Tray Mountain-Chattahoochee-Blood Mountain(TCB), Fine-grained Stream Sediments

Sample	LATITUDE	LONGITUD	S-FE%	S-MG%	S-CA%	S-TIX	S-MN	S-AG	S-AS	S-AU	S-B	S-BA	S-BE	S-BI	S-CD
SHT09	35 0 24	83 39 19	3.0	1.00	.70	.70	500	N	N	N	<10	500	1.0	N	N
SHT10	35 0 24	83 39 19	2.0	.20	.20	.30	500	N	N	N	N	300	1.0	N	N
TRM01	34 45 2	83 40 38	1.5	.20	.10	.20	300	--	N	N	<10	300	2.0	N	N
TRM02	34 46 43	83 37 38	1.5	.20	.15	.30	500	--	N	N	<10	300	1.0	N	N
TRM03	34 45 51	83 38 56	3.0	.15	.05	.30	300	--	N	N	<10	500	1.0	N	N
TRM04	34 46 15	83 40 34	1.5	.15	.15	.20	500	--	N	N	N	500	2.0	N	N
TRM05	34 46 20	83 40 32	2.0	.30	.30	.30	700	--	N	N	<10	300	2.0	N	N
TRM06	34 46 17	83 40 8	2.0	.30	.30	.20	300	--	N	N	N	500	1.0	N	N
TRM07	34 47 19	83 38 55	3.0	.30	.30	.30	1,000	--	N	N	N	500	2.0	N	N
TRM08	34 47 19	83 38 55	2.0	.30	.30	.30	500	--	N	N	N	500	2.0	N	N
TRM09	34 47 10	83 38 13	2.0	.15	.15	.30	500	--	N	N	N	500	2.0	N	N
TRM10	34 45 59	83 42 46	3.0	.70	.10	.30	300	--	N	N	N	300	2.0	N	N
TRM11	34 45 59	83 42 46	2.0	.20	.15	.20	500	--	N	N	N	300	2.0	N	N
TRM12	34 45 51	83 42 40	3.0	.50	.50	.20	700	N	N	N	<10	500	2.0	N	N
TRM13	34 45 3	83 44 58	2.0	.30	.50	.30	500	N	N	N	N	300	2.0	N	N
TRM14	34 45 38	83 44 58	2.0	.50	.20	.30	500	N	N	N	N	500	2.0	N	N
TRM15	34 46 56	83 43 57	2.0	.30	.20	.20	700	N	N	N	N	300	1.0	N	N
TRM16	34 46 56	83 43 57	2.0	.30	.30	.30	700	N	N	N	10	300	2.0	N	N
TRM17	34 48 28	83 43 25	1.5	.20	.10	.20	300	N	N	N	<10	300	1.0	N	N
TRM18	34 48 50	83 43 15	2.0	.30	.15	.30	500	N	N	N	<10	300	1.0	N	N
TRM19	34 48 50	83 43 15	2.0	.30	.20	.30	500	N	N	N	<10	300	2.0	N	N
TRM20	34 49 18	83 44 5	2.0	.30	.07	.30	500	N	N	N	<10	300	2.0	N	N
TRM21	34 49 26	83 43 17	2.0	.30	.30	.30	700	N	N	N	<10	300	2.0	N	N
TRM22	34 49 22	83 40 13	1.5	.30	.15	.30	700	N	N	N	10	300	1.0	N	N
TRM23	34 49 22	83 40 13	3.0	.30	.20	.30	700	N	N	N	<10	500	2.0	N	N
TRM24	34 49 48	83 40 19	2.0	.20	.15	.30	700	N	N	N	10	500	1.0	N	N
TRM25	34 50 0	83 40 49	3.0	.50	.30	.30	700	N	N	N	<10	700	1.0	N	N
TRM26	34 49 45	83 41 5	2.0	.20	.20	.50	300	N	N	N	N	500	2.0	N	N
TRM27	34 50 18	83 42 37	2.0	.30	.20	.20	700	N	N	N	<10	700	1.0	N	N
TRM28	34 51 51	83 41 22	3.0	.30	.20	.70	700	N	N	N	<10	300	1.0	N	N
TRM29	34 51 46	83 41 13	3.0	.30	.20	.30	700	N	N	N	<10	500	2.0	N	N
TRM30	34 51 58	83 41 4	1.5	.30	.15	.20	700	N	N	N	<10	300	1.0	N	N
TRM31	34 51 48	83 40 47	2.0	.30	.30	.30	700	N	N	N	<10	300	2.0	N	N
TRM32	34 51 55	83 40 41	3.0	.30	.30	.70	700	N	N	N	10	300	2.0	N	N
TRM33	34 51 37	83 42 15	3.0	.30	.20	.20	700	N	N	N	<10	500	1.0	N	N
TRM33A	34 51 38	83 42 15	7.0	1.00	.50	.70	700	N	N	N	10	1,500	1.5	N	N
TRM34	34 51 31	83 38 46	2.0	.20	.20	.30	500	N	N	N	<10	500	1.0	N	N
TRM35	34 41 31	83 38 46	3.0	.30	.20	.30	500	N	N	N	<10	300	1.0	N	N
TRM36	34 51 41	83 37 59	2.0	.30	.30	.30	700	N	N	N	<10	200	1.0	N	N
TRM37	34 51 45	83 38 25	3.0	.30	.20	.50	700	N	N	N	<10	300	1.0	N	N
TRM38	34 49 50	83 49 50	3.0	.30	.15	.50	300	N	N	N	N	500	2.0	N	N
TRM38A	34 49 48	83 44 54	5.0	.70	.20	.50	700	N	N	N	10	1,000	1.5	N	N
TRM39	34 52 10	83 43 54	7.0	1.00	.30	.50	1,000	N	N	N	15	1,000	1.5	N	N
TRM40	34 52 11	83 44 4	7.0	.70	.10	.70	1,000	N	N	N	10	1,000	1.0	N	N

Tray Mountain-Chattahoochee-Blood Mountain(TCB), Fine-grained Stream Sediments

Sample	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	S-ZR	S-TH
SHT09	20	150	20	100	N	10	30	30	N	20	N	100	100	N	50	N	700	N
SHT10	10	30	10	20	N	N	20	10	N	5	N	<100	50	N	20	N	300	N
TRM01	10	20	15	50	N	N	30	10	N	5	N	<100	50	N	30	N	200	N
TRM02	10	20	10	20	N	N	30	10	N	5	N	N	70	N	70	N	300	N
TRM03	5	30	7	N	N	N	15	20	N	5	N	<100	70	N	50	N	300	N
TRM04	5	20	7	50	N	N	20	10	N	5	N	<100	50	N	10	N	300	N
TRM05	10	30	20	50	N	N	30	20	N	5	N	<100	70	N	50	N	500	N
TRM06	10	30	10	50	N	N	20	10	N	5	N	<100	50	N	70	N	300	N
TRM07	10	30	15	50	N	N	30	20	N	10	N	<100	50	N	50	N	700	N
TRM08	10	30	10	70	N	N	15	30	N	10	N	<100	50	N	70	N	1,000	N
TRM09	10	20	7	150	N	N	20	20	N	10	N	<100	50	N	50	N	700	N
TRM10	15	50	30	100	N	N	30	30	N	15	N	<100	70	N	50	N	700	N
TRM11	10	30	15	50	N	N	30	20	N	5	N	<100	50	N	30	N	300	N
TRM12	10	30	20	150	N	N	30	30	N	10	N	100	70	N	100	N	500	N
TRM13	10	30	10	100	N	N	20	20	N	10	N	100	70	N	30	N	700	N
TRM14	10	50	20	100	N	N	30	20	N	10	N	<100	70	N	70	N	500	N
TRM15	10	30	20	70	N	N	30	10	N	5	N	100	70	N	20	N	300	N
TRM16	10	50	30	70	N	N	30	10	N	5	N	100	70	N	50	N	300	N
TRM17	10	50	20	20	N	N	20	20	N	5	N	100	50	N	20	N	200	N
TRM18	15	50	20	300	N	N	30	20	N	10	N	100	70	N	70	N	500	N
TRM19	10	30	15	70	N	N	15	10	N	10	N	100	50	N	70	N	700	N
TRM20	15	30	30	50	N	10	20	10	N	10	N	100	70	N	30	N	100	N
TRM21	10	30	20	100	N	N	20	20	N	10	N	100	50	N	30	N	300	N
TRM22	10	30	20	150	N	N	20	10	N	5	N	100	50	N	30	N	300	N
TRM23	15	30	30	70	N	N	30	20	N	10	N	100	70	N	20	N	300	N
TRM24	10	20	15	200	N	N	20	20	N	10	N	100	50	N	150	N	700	N
TRM25	20	70	20	150	N	N	30	30	N	10	N	100	70	N	50	<200	500	N
TRM26	15	50	7	50	N	20	20	10	N	15	N	N	70	N	50	N	700	N
TRM27	10	30	20	150	N	N	20	10	N	5	N	100	50	N	30	N	200	N
TRM28	15	50	20	150	N	N	20	10	N	15	N	100	70	N	50	N	700	N
TRM29	15	50	20	100	N	N	20	20	N	10	N	100	70	N	30	N	300	N
TRM30	10	20	20	100	N	N	20	<10	N	N	N	<100	50	N	30	N	150	N
TRM31	15	30	20	100	N	N	20	10	N	10	N	100	70	N	50	N	300	N
TRM32	15	50	20	70	N	10	30	10	N	15	N	100	70	N	50	N	700	N
TRM33	15	50	20	100	N	N	30	20	N	5	N	100	50	N	30	N	150	N
TRM33A	20	70	50	100	N	20	50	30	N	20	N	100	100	N	50	N	500	N
TRM34	15	30	15	70	N	N	30	20	N	10	N	100	70	N	30	N	500	N
TRM35	15	30	15	20	N	N	20	10	N	10	N	100	70	N	30	N	500	N
TRM36	5	30	7	20	N	N	15	10	N	5	N	100	50	N	10	N	700	N
TRM37	20	70	30	50	N	N	30	10	N	10	N	100	70	N	30	N	500	N
TRM38	15	50	10	70	N	10	20	10	N	15	N	N	70	N	50	N	1,000	N
TRM38A	20	70	20	500	N	N	20	30	N	15	N	<100	70	N	50	N	1,000	N
TRM39	30	100	50	300	N	20	30	20	N	20	N	<100	100	N	50	N	500	N
TRM40	20	100	50	150	N	20	20	15	N	20	N	<100	100	N	50	N	>1,000	N

TABLE 3

Tray Mountain-Chattahoochee-Blood Mountain(TCB),Panned Concentrates

Sample	Latitude	Longitud	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA	S-BE	S-BI	S-CD	S-CO
CRK01M1	34 43 59	83 45 58	7.00	1.00	.30	.70	7,000	N	N	N	<20	N	7	N	N	50
CRK01NM1	34 43 59	83 45 58	.20	<.05	<.10	>2.00	70	N	N	N	<20	N	N	N	N	N
CRK02M1	34 44 6	83 46 4	10.00	1.50	1.00	1.00	>10,000	N	N	N	<20	N	2	N	N	30
CRK02NM1	34 44 6	83 46 4	.10	<.05	.20	>2.00	100	N	N	N	20	50	N	N	N	N
CRK03M1	34 44 52	83 46 58	3.00	.70	2.00	1.00	2,000	N	N	N	<20	100	N	N	N	70
CRK03NM1	34 44 52	83 46 58	.30	.05	.70	2.00	200	N	N	N	<20	50	N	N	N	N
CRK04M1	34 42 1	83 45 45	7.00	1.00	.50	.70	3,000	N	N	N	70	50	50	N	N	50
CRK04NM1	34 42 1	83 45 45	.10	<.05	.10	2.00	70	N	N	N	<20	100	100	N	N	N
CRK05M1	34 39 28	83 45 42	7.00	.70	.30	1.50	1,500	N	N	N	200	50	50	N	N	70
CRK05NM1	34 39 28	83 45 42	.15	<.05	.10	>2.00	70	N	N	N	<20	N	N	N	N	N
CRK06M1	34 40 44	83 46 38	2.00	.50	.30	.70	500	N	N	N	70	N	15	N	N	50
CRK06NM1	34 40 44	83 46 38	.10	<.05	<.10	2.00	70	N	N	N	<20	<50	200	N	N	N
CRK07M1	34 41 52	83 46 56	7.00	.70	.20	.20	700	N	N	N	30	N	20	N	N	50
CRK07NM1	34 41 52	83 46 56	.10	<.05	.30	1.00	100	N	N	N	<20	70	N	N	N	N
CRK08M1	34 42 35	83 47 14	3.00	.70	.30	2.00	1,500	N	N	N	30	150	15	N	N	50
CRK08NM1	34 42 35	83 47 14	.50	.10	.10	>2.00	150	N	N	N	<20	50	2	N	N	20
CRK09M1	34 42 39	83 47 33	1.00	.30	.30	1.00	300	N	N	N	<20	<50	3	N	N	30
CRK09NM1	34 42 39	83 47 33	.70	.20	.50	>2.00	300	N	N	N	<20	50	3	N	N	20
CRK10M1	34 43 9	83 47 39	5.00	1.00	.30	2.00	3,000	N	N	N	50	N	7	N	N	50
CRK10NM1	34 43 9	83 47 39	.20	<.05	N	>2.00	70	N	N	N	<20	N	N	N	N	10
CRK11M1	34 43 9	83 47 39	15.00	1.50	.50	.20	7,000	N	N	N	<20	N	3	N	N	20
CRK11NM1	34 43 9	83 47 39	.30	.10	.50	>2.00	200	N	N	N	<20	<50	3	N	N	<10
CRK12M1	34 42 13	83 47 41	10.00	3.00	3.00	>2.00	3,000	N	N	N	N	70	5	N	N	50
CRK12NM1	34 42 13	83 47 41	.20	<.05	<.10	>2.00	100	N	N	N	<20	N	3	N	N	N
DIL004	34 57 17	83 29 30	1.50	.07	.30	2.00	200	N	N	N	30	200	N	N	N	10
DIL005	34 56 22	83 27 36	5.00	.10	10.00	2.00	1,500	N	N	N	20	150	N	N	N	20
DIL006M1	34 57 35	83 29 20	10.00	1.00	10.00	.50	5,000	N	N	N	50	200	N	N	N	15
DIL006NM	34 57 35	83 29 20	.20	<.05	.50	>2.00	30	N	N	N	<20	100	N	N	N	N
DIL007M1	34 57 44	83 29 44	10.00	1.00	.50	1.00	1,000	N	N	N	50	100	10	N	N	70
DIL007NM	34 57 44	83 29 44	.50	<.05	N	2.00	30	N	N	N	<20	N	N	N	N	N
DIL008M1	34 57 44	83 29 44	7.00	.70	.70	.70	700	N	N	N	500	300	15	N	N	50
DIL008NM	34 57 44	83 29 44	.70	.10	.20	1.50	100	N	N	N	<20	150	N	N	N	N
DIL009M1	34 58 22	83 27 56	10.00	.30	10.00	.50	3,000	N	N	N	50	<50	N	N	N	20
DIL009NM	34 58 22	83 27 56	.30	<.05	.50	1.00	50	N	N	N	<20	50	N	N	N	N
DIL010	34 58 22	83 27 56	10.00	.10	20.00	.50	3,000	N	N	N	20	N	N	N	N	<10
DIL010M1	34 58 22	83 27 56	10.00	.50	10.00	.70	3,000	N	N	N	N	<50	N	N	N	15
DIL010NM	34 58 22	83 27 56	.20	<.05	1.50	>2.00	100	N	N	N	<20	50	N	N	N	N
DIL012	34 56 29	83 25 43	.50	.10	.15	>2.00	150	N	N	N	<20	100	N	N	N	20
DIL013	34 56 20	83 26 10	.70	.15	.20	>2.00	300	N	N	N	20	200	N	N	N	20
DIL014	34 56 46	83 27 10	.30	.05	.15	>2.00	500	N	N	N	20	150	N	N	N	10

Tray Mountain-Chattahoochee-Blood Mountain(TCB),Panned Concentrates

Sample	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	S-ZR	S-TH
CRK01M1	150	10	>2,000	N	70	<10	200	N	100	N	<200	100	N	5,000	5,000	2,000	>5,000
CRK01NM1	20	N	>2,000	N	100	<10	50	N	100	<20	N	100	N	1,500	N	>2,000	N
CRK02M1	150	15	>2,000	N	N	<10	100	N	150	N	2,000	100	N	5,000	3,000	1,500	5,000
CRK02NM1	20	N	300	N	<50	<10	50	N	100	N	<200	70	N	1,000	N	>2,000	N
CRK03M1	100	200	>2,000	N	100	<10	300	N	100	N	N	150	N	5,000	1,500	>2,000	>5,000
CRK03NM1	20	N	200	N	<50	<10	50	N	70	N	<200	70	N	1,000	N	>2,000	N
CRK04M1	200	10	>2,000	N	70	<10	300	N	100	N	N	150	N	>5,000	2,000	2,000	>5,000
CRK04NM1	<20	N	200	N	<50	<10	50	N	70	N	<200	70	N	1,500	N	>2,000	N
CRK05M1	150	10	>2,000	N	200	<10	150	N	50	N	N	100	N	3,000	7,000	>2,000	5,000
CRK05NM1	30	N	<50	N	50	<10	70	N	50	N	<200	100	N	1,000	N	>2,000	N
CRK06M1	150	15	>2,000	N	200	<10	300	N	100	50	N	70	N	>5,000	5,000	>2,000	>5,000
CRK06NM1	<20	N	300	N	50	<10	20	N	50	N	<200	70	N	1,000	N	>2,000	N
CRK07M1	150	<10	>2,000	N	70	<10	200	N	100	30	N	70	N	>5,000	3,000	2,000	>5,000
CRK07NM1	<20	N	70	N	N	<10	50	N	100	N	<200	50	N	1,500	N	>2,000	N
CRK08M1	150	20	>2,000	N	1,000	<10	500	N	200	30	N	100	N	>5,000	5,000	>2,000	>5,000
CRK08NM1	30	N	>2,000	N	50	<10	70	N	50	N	<200	100	N	2,000	1,000	>2,000	1,000
CRK09M1	100	10	>2,000	N	500	<10	300	N	200	30	N	70	N	>5,000	<500	>2,000	>5,000
CRK09NM1	70	N	>2,000	N	100	<10	150	N	50	200	<200	150	N	2,000	N	>2,000	1,000
CRK10M1	200	10	>2,000	N	500	<10	200	N	70	<20	N	200	N	5,000	3,000	1,500	>5,000
CRK10NM1	150	N	200	N	100	<10	<20	N	30	30	N	200	N	300	N	>2,000	N
CRK11M1	150	<10	>2,000	N	N	<10	100	N	150	N	N	100	N	5,000	2,000	1,500	5,000
CRK11NM1	70	N	2,000	N	50	<10	70	N	30	300	N	150	N	500	1,000	>2,000	N
CRK12M1	300	70	>2,000	N	500	<10	150	N	70	N	<200	300	N	2,000	2,000	1,000	2,000
CRK12NM1	70	N	200	N	100	<10	N	N	20	N	<200	200	N	200	N	>2,000	N
DIL004	30	N	500	N	<50	10	N	N	30	N	200	100	N	300	N	>2,000	N
DIL005	150	N	700	N	<50	15	20	N	200	N	500	300	N	700	N	>2,000	N
DIL006M1	200	10	>2,000	N	N	<10	100	N	>200	30	2,000	700	N	1,000	N	>2,000	1,000
DIL006NM	20	N	50	N	<50	<10	20	N	70	N	<200	150	N	500	N	>2,000	N
DIL007M1	300	30	>2,000	N	N	<10	50	N	150	N	<200	300	N	2,000	1,000	>2,000	1,500
DIL007NM	50	N	<50	N	N	<10	<20	N	50	N	<200	100	N	300	N	>2,000	N
DIL008M1	150	15	>2,000	N	N	50	30	N	30	N	200	200	N	500	1,500	>2,000	300
DIL008NM	70	N	<50	N	N	<10	20	N	50	N	<200	100	N	300	N	>2,000	N
DIL009M1	200	N	>2,000	N	N	<10	70	N	>200	30	1,000	500	N	1,500	N	>2,000	1,000
DIL009NM	20	N	100	N	N	<10	20	N	70	N	<200	50	N	700	N	>2,000	N
DIL010	300	N	200	N	N	10	30	N	>200	N	1,500	700	N	500	N	>2,000	N
DIL010M1	300	50	>2,000	N	N	<10	70	N	>200	20	1,000	700	N	1,500	N	2,000	1,000
DIL010NM	20	N	<50	N	N	<10	30	N	70	N	<200	70	N	500	N	>2,000	N
DIL012	150	N	<50	N	700	20	50	N	100	N	200	300	N	700	N	>2,000	N
DIL013	70	N	<50	N	700	20	20	N	100	N	200	200	N	1,000	N	>2,000	N
DIL014	30	N	N	N	100	10	N	N	20	N	200	100	N	300	N	>2,000	N

Tray Mountain-Chattahoochee-Blood Mountain(TCB),Panned Concentrates

Sample	Latitude	Longitud	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA	S-BE	S-BI	S-CD	S-CO
DIL015	34 56 46	83 27 10	.50	.07	.10	>2.00	150	N	N	N	30	200	N	N	N	20
DIL016	34 56 20	83 26 43	.30	.05	.10	>2.00	500	N	N	N	20	200	N	N	N	15
DIL017	34 56 12	83 29 21	1.50	.10	1.00	>2.00	3,000	N	N	N	20	200	N	N	N	10
DIL018	34 58 29	83 26 11	1.00	.10	.50	>2.00	2,000	N	N	N	20	200	N	N	N	15
DIL019	34 59 25	83 27 21	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DIL020	34 59 25	83 27 21	.70	.10	.30	2.00	300	N	N	N	20	70	N	N	N	10
DIL021	34 59 4	82 53 5	2.00	.15	.50	>2.00	1,000	N	N	N	20	<50	N	N	N	15
DIL022	34 59 4	82 53 5	--	--	--	--	--	--	--	--	--	--	--	--	--	--
HEL1M1	34 44 32	83 43 4	7.00	1.00	1.50	2.00	2,000	N	N	N	N	N	15	N	N	50
HEL1NM1	34 44 32	83 43 4	.20	.07	.30	>2.00	50	N	N	N	<20	N	N	N	N	30
HEL2M1	34 44 5	83 43 33	7.00	1.00	.70	1.50	1,500	N	N	N	<20	N	20	N	N	70
HEL2NM1	34 44 5	83 43 33	.10	<.05	.30	>2.00	50	N	N	N	<20	N	N	N	N	N
HEL3M1	34 43 54	83 43 0	7.00	.70	10.00	2.00	3,000	N	N	N	1,000	50	20	N	N	30
HEL3NM1	34 43 54	83 43 0	.15	<.05	.20	>2.00	50	N	N	N	<20	N	N	N	N	N
HEL4M1	34 44 44	83 41 15	5.00	.50	1.00	>2.00	1,000	N	N	N	300	50	15	N	N	30
HEL4NM1	34 44 44	83 41 15	.20	<.05	.30	>2.00	50	N	N	N	<20	50	N	N	N	N
HIA01NM1	34 53 30	83 49 31	.70	.15	.15	.70	100	N	N	N	100	300	N	N	N	10
HIA02NM1	34 53 34	83 49 37	.50	.07	.30	>2.00	70	N	N	N	50	70	N	N	N	10
HIA03NM1	34 53 31	83 49 51	.50	.07	.15	2.00	70	N	N	N	50	70	N	N	N	10
HIA04NM1	34 53 50	83 49 58	.50	.07	.20	2.00	50	N	N	N	70	100	N	N	N	10
HIA05NM1	34 53 52	83 50 19	.50	.05	.50	>2.00	50	N	N	N	20	70	N	N	N	10
HIA06NM1	34 54 2	83 50 27	.50	.05	.15	>2.00	70	N	N	N	70	70	N	N	N	10
HIA07NM1	34 54 2	83 50 49	1.00	.07	1.00	>2.00	150	N	N	N	30	150	N	N	N	20
HIA08NM1	34 56 12	83 49 40	3.00	.15	20.00	>2.00	500	N	N	N	<20	<50	N	N	N	10
HIA09NM1	34 56 4	83 49 43	.50	.10	.10	>2.00	70	N	N	N	20	70	500	N	N	15
HIA20NM1	34 54 9	83 51 14	.20	.10	1.00	>2.00	100	N	N	N	<20	70	N	N	N	20
HIA21NM1	34 54 11	83 51 48	.20	.07	.30	>2.00	150	N	N	N	<20	<50	N	N	N	20
HIA22NM1	34 54 57	83 50 52	2.00	.20	.15	>2.00	200	N	N	N	150	150	10	N	N	20
HIA23NM1	34 55 59	83 50 15	.15	.05	.10	>2.00	70	N	N	N	20	50	N	N	N	10
HIA24NM1	34 56 57	83 50 47	.50	.05	7.00	>2.00	300	N	N	N	<20	<50	N	N	N	15
HIA25NM1	34 57 15	83 50 42	.30	.10	.70	>2.00	100	N	N	N	<20	150	N	N	N	15
HIA26NM1	34 57 24	83 50 42	.50	.07	.10	>2.00	150	N	N	N	<20	100	N	N	N	10
HIA27NM1	34 59 4	83 49 51	.70	.05	N	>2.00	70	N	N	N	<20	150	N	N	N	10
HIA28NM1	34 58 51	83 50 57	.50	.05	N	>2.00	70	N	N	N	<20	150	N	N	N	10
HIA29NM1	34 58 13	83 50 58	.50	.05	N	>2.00	70	N	N	N	<20	50	N	N	N	10
HIA30NM1	34 58 51	83 51 9	.70	.05	N	>2.00	50	N	N	N	20	500	N	N	N	15
HIA31NM1	34 58 6	83 49 12	.50	.07	.70	>2.00	300	N	N	N	<20	70	N	N	N	10
HIA32NM1	34 56 33	83 47 39	.30	.05	.20	1.50	100	N	N	N	20	50	N	N	N	10
HIA34NM1	34 55 53	83 48 5	.50	.07	.10	>2.00	70	N	N	N	150	100	N	N	N	10
HIA36NM1	34 54 14	83 46 38	.70	.20	7.00	>2.00	200	N	N	N	<20	70	N	N	N	20

Tray Mountain-Chattahoochee-Blood Mountain(TCB),Panned Concentrates

Sample	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	S-ZR	S-TH
DIL015	100	N	N	N	700	30	20	N	100	N	200	200	N	1,000	N	>2,000	N
DIL016	50	N	N	N	300	15	20	N	70	N	200	200	N	1,000	N	>2,000	N
DIL017	50	N	<50	N	50	20	N	N	150	N	300	200	N	1,000	N	>2,000	N
DIL018	50	N	N	N	300	20	20	N	100	N	300	150	N	1,000	N	>2,000	N
DIL019	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DIL020	50	N	N	N	70	15	N	N	70	N	200	100	N	500	N	>2,000	N
DIL021	200	N	N	N	70	15	N	N	50	N	200	200	N	200	N	>2,000	N
DIL022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
HEL1M1	100	<10	>2,000	N	N	<10	100	N	50	N	200	200	N	2,000	3,000	>2,000	500
HEL1NM1	30	N	>2,000	N	N	<10	100	N	50	N	<200	150	N	3,000	1,500	>2,000	700
HEL2M1	200	15	>2,000	N	N	<10	300	N	150	30	<200	150	N	>5,000	5,000	>2,000	>5,000
HEL2NM1	<20	N	200	N	<50	<10	30	N	70	N	<200	150	N	1,500	N	>2,000	N
HEL3M1	150	100	>2,000	N	100	<10	200	N	70	20	1,000	200	N	2,000	3,000	>2,000	1,000
HEL3NM1	20	N	100	N	<50	<10	50	N	70	N	<200	100	N	1,500	N	>2,000	N
HEL4M1	100	30	>2,000	N	100	<10	300	N	150	20	<200	150	N	>5,000	3,000	>2,000	>5,000
HEL4NM1	30	N	50	N	<50	<10	50	N	70	N	<200	100	N	1,500	N	>2,000	N
HIA01NM1	100	N	150	N	<50	<10	700	N	<10	N	N	150	N	20	N	>2,000	N
HIA02NM1	100	N	150	N	100	20	100	N	30	N	200	200	N	500	<500	>2,000	N
HIA03NM1	100	N	150	N	70	<10	70	N	10	N	<200	150	N	200	N	>2,000	N
HIA04NM1	100	N	50	N	100	<10	200	N	10	N	<200	150	N	150	N	>2,000	N
HIA05NM1	50	N	100	N	150	10	100	N	30	N	200	100	N	500	<500	>2,000	N
HIA06NM1	150	N	200	N	200	<10	200	N	30	N	<200	700	N	500	N	>2,000	N
HIA07NM1	500	N	300	N	2,000	<10	1,000	N	70	300	1,000	1,000	N	500	N	>2,000	N
HIA08NM1	200	N	50	N	50	10	20	N	30	N	700	200	N	50	N	>2,000	N
HIA09NM1	150	N	100	N	300	<10	50	N	15	300	N	300	N	70	N	>2,000	N
HIA20NM1	300	N	N	N	1,000	<10	20	N	30	N	300	700	N	100	N	>2,000	N
HIA21NM1	200	N	N	N	200	<10	150	N	70	300	<200	500	N	300	N	>2,000	N
HIA22NM1	100	N	>2,000	N	300	<10	<20	N	N	N	N	150	N	150	700	>2,000	N
HIA23NM1	50	N	50	N	300	<10	N	N	N	N	<200	150	N	30	N	>2,000	N
HIA24NM1	200	N	N	N	50	<10	N	N	20	N	200	500	N	70	N	>2,000	N
HIA25NM1	200	N	<50	N	100	10	20	N	20	N	<200	300	N	200	N	>2,000	N
HIA26NM1	100	N	N	N	150	15	20	N	30	N	200	200	N	300	N	>2,000	N
HIA27NM1	70	N	N	N	150	20	30	N	100	N	200	150	N	1,000	<500	>2,000	N
HIA28NM1	100	N	N	N	200	30	50	N	150	500	200	150	N	1,500	500	>2,000	N
HIA29NM1	150	N	N	N	150	20	20	N	100	N	200	300	N	1,000	N	>2,000	N
HIA30NM1	30	N	N	N	200	50	30	N	150	N	300	100	N	1,500	1,000	>2,000	N
HIA31NM1	200	N	<50	N	100	10	<20	N	30	N	<200	200	N	200	N	>2,000	N
HIA32NM1	70	N	70	N	100	<10	<20	N	N	N	N	70	N	30	N	>2,000	N
HIA34NM1	100	N	50	N	200	10	20	N	30	N	<200	300	N	300	N	>2,000	N
HIA36NM1	150	N	N	N	70	10	1,000	N	50	N	300	300	N	300	N	>2,000	N

Tray Mountain-Chattahoochee-Blood Mountain(TCB),Panned Concentrates

Sample	Latitude	Longitud	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA	S-BE	S-BI	S-CD	S-CO
HTB36M1	34 53 5	83 33 32	5.00	1.00	7.00	.50	1,000	N	N	N	150	N	N	N	N	20
HTB36NM1	34 53 5	83 33 32	.20	<.05	.30	2.00	70	N	N	N	<20	50	N	N	N	N
HTB38M1	34 55 44	83 36 32	5.00	.50	3.00	.70	1,000	2	N	N	150	50	3	N	N	30
HTB38NM1	34 53 44	83 36 32	.15	<.05	.15	2.00	50	N	N	N	<20	50	N	N	N	N
HTB39M1	34 53 49	83 36 26	5.00	.30	5.00	.70	1,000	N	N	N	200	N	2	N	N	20
HTB39NM1	34 53 49	83 36 26	.20	<.05	.15	>2.00	50	N	N	N	<20	N	N	N	N	N
HTB40M1	34 53 33	83 34 49	30.00	.05	.10	>2.00	3,000	N	N	N	N	N	N	N	N	30
HTB40NM1	34 53 33	83 34 49	2.00	.20	.50	>2.00	500	N	N	N	20	<50	5	N	N	30
HTB41M1	34 53 37	83 34 47	10.00	.20	2.00	>2.00	2,000	N	N	N	30	N	3	N	N	30
HTB41NM1	34 53 37	83 34 47	.15	<.05	.20	>2.00	50	N	N	N	<20	N	N	N	N	N
HTB42M1	34 55 26	83 37 16	7.00	.30	10.00	.50	2,000	N	N	N	50	N	5	N	N	15
HTB42NM1	34 55 26	83 37 16	.70	.05	.20	>2.00	100	N	N	N	<20	N	N	N	N	N
HTB43M1	34 55 28	83 37 12	7.00	.30	3.00	.70	1,000	N	N	N	200	<50	3	N	N	20
HTB43NM1	34 55 28	83 37 12	.30	<.05	.20	2.00	50	N	N	N	<20	<50	N	N	N	N
HTB44M1	34 57 22	83 36 28	10.00	.70	3.00	2.00	5,000	N	N	N	300	100	3	N	N	50
HTB44NM1	34 57 22	83 36 28	.20	<.05	.50	>2.00	50	N	N	N	<20	<50	N	N	N	N
HTB45M1	34 57 45	83 36 43	10.00	.30	10.00	.50	3,000	N	N	N	<20	N	2	N	N	50
HTB45NM1	34 57 45	83 36 43	.50	.05	.30	>2.00	100	N	N	N	<20	50	N	N	N	N
HTB47M1	34 56 57	83 36 41	15.00	.10	2.00	1.50	2,000	N	N	N	<20	N	N	N	N	15
HTB47NM1	34 56 57	83 36 41	.15	<.05	.20	>2.00	30	N	N	N	<20	<50	N	N	N	N
HTB48M1	34 58 58	83 35 18	5.00	.05	7.00	.50	1,000	N	N	N	20	N	N	N	N	N
HTB48NM1	34 58 58	83 35 18	.20	<.05	.70	>2.00	100	N	N	N	<20	<50	N	N	N	N
HTB49M1	34 58 58	83 35 18	5.00	.20	3.00	.70	700	N	N	N	100	70	2	N	N	20
HTB49NM1	34 58 58	83 35 18	.50	.07	.30	>2.00	50	N	N	N	<20	<50	N	N	N	N
HTB50M1	34 58 41	83 35 10	20.00	.30	1.00	>2.00	3,000	N	N	N	<20	N	N	N	N	20
HTB50NM1	34 58 41	83 35 10	.30	<.05	.30	>2.00	50	N	N	N	<20	50	N	N	N	N
JGP001	34 48 40	83 47 32	1.50	.15	.20	2.00	200	N	N	N	20	150	N	N	N	10
JGP002	34 48 38	83 47 38	.50	.05	<.10	>2.00	300	N	N	N	50	200	N	N	N	10
JGP003	34 48 26	83 47 26	.20	<.05	<.10	>2.00	50	N	N	N	20	70	N	N	N	15
JGP004	34 48 15	83 47 28	2.00	.10	.20	>2.00	500	N	N	N	20	70	N	N	N	20
JGP005	34 47 56	83 47 12	1.00	.10	N	>2.00	70	N	N	N	70	50	N	N	N	15
JGP006	34 47 45	83 47 5	.70	.07	<.10	2.00	150	N	N	N	20	150	N	N	N	15
JGP007	34 37 31	83 47 9	1.50	.10	.10	>2.00	150	N	N	N	20	100	2	N	N	10
JGP008	34 47 19	83 46 54	2.00	.15	.30	2.00	1,000	N	N	N	30	300	N	N	N	10
JGP009	34 48 10	83 46 21	.70	.07	<.10	2.00	300	N	N	N	20	300	N	N	N	10
JGP010	34 47 12	83 46 34	1.00	.10	.15	2.00	200	N	N	N	20	200	N	N	N	10
JGP011	34 47 12	83 46 34	.50	.07	N	2.00	100	N	N	N	20	200	N	N	N	10
JGP012	34 46 52	83 47 22	5.00	.50	.10	2.00	2,000	N	N	N	20	70	N	N	N	10
JGP013	34 45 31	83 46 54	2.00	.20	.10	>2.00	1,000	N	N	N	20	100	N	N	N	20
JGP014	34 45 17	83 47 53	20.00	2.00	.20	2.00	10,000	N	N	N	<20	<50	N	N	N	20

Tray Mountain-Chattahoochee-Blood Mountain(TCB),Panned Concentrates

Sample	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	S-ZR	S-TH
HTB36M1	200	50	>2,000	N	100	50	70	N	50	N	200	500	N	1,500	N	>2,000	2,000
HTB36NM1	20	N	<50	N	N	<10	30	N	100	N	<200	100	N	1,500	N	>2,000	N
HTB38M1	100	20	>2,000	N	N	<10	300	N	100	30	300	200	N	5,000	N	>2,000	>5,000
HTB38NM1	30	<10	70	N	N	<10	30	N	70	N	<200	100	N	700	N	>2,000	N
HTB39M1	100	15	>2,000	N	N	<10	100	N	50	N	<200	300	N	5,000	N	>2,000	3,000
HTB39NM1	30	N	100	N	N	<10	50	N	50	N	<200	100	N	500	N	>2,000	N
HTB40M1	500	N	150	N	50	<10	20	N	50	N	<200	700	N	1,500	N	500	N
HTB40NM1	50	<10	>2,000	N	N	<10	150	N	70	N	<200	100	N	5,000	N	>2,000	1,000
HTB41M1	150	100	>2,000	N	N	<10	200	N	100	N	<200	300	N	3,000	N	>2,000	>5,000
HTB41NM1	30	N	100	N	<50	<10	30	N	70	N	<200	100	N	1,000	N	>2,000	N
HTB42M1	200	15	2,000	N	N	<10	30	N	70	N	300	500	N	300	1,000	700	<200
HTB42NM1	100	N	100	N	N	<10	<20	N	20	N	<200	150	N	300	N	>2,000	N
HTB43M1	70	<10	>2,000	N	N	<10	100	N	50	N	300	200	N	3,000	N	>2,000	2,000
HTB43NM1	30	N	70	N	<50	<10	20	N	50	N	<200	100	N	500	N	>2,000	N
HTB44M1	100	70	>2,000	N	100	<10	300	N	150	20	300	200	N	2,000	N	>2,000	>5,000
HTB44NM1	30	N	70	N	<50	<10	50	N	70	N	<200	100	N	700	N	>2,000	N
HTB45M1	200	N	>2,000	N	N	<10	100	N	100	N	500	500	N	1,500	N	>2,000	1,000
HTB45NM1	100	N	70	N	<50	<10	30	N	70	N	<200	150	N	500	N	>2,000	N
HTB47M1	100	N	>2,000	N	N	<10	50	N	70	N	300	500	N	1,500	N	>2,000	1,000
HTB47NM1	30	20	<50	N	N	<10	70	N	50	300	<200	100	N	500	N	>2,000	N
HTB48M1	100	<10	>2,000	N	N	<10	50	N	70	N	1,000	300	N	500	N	1,500	700
HTB48NM1	20	N	50	N	N	<10	30	N	70	N	<200	70	N	700	N	>2,000	N
HTB49M1	70	<10	>2,000	N	N	<10	30	N	20	N	300	150	N	1,000	<500	2,000	700
HTB49NM1	100	N	70	N	50	<10	<20	N	15	N	<200	150	N	150	N	>2,000	N
HTB50M1	200	<10	1,000	N	50	<10	20	N	50	N	N	700	N	500	<500	700	N
HTB50NM1	70	N	70	N	<50	<10	20	N	50	N	<200	100	N	500	N	>2,000	N
JGP001	300	N	50	N	300	10	<20	N	30	N	200	300	N	200	N	>2,000	N
JGP002	100	N	N	N	500	20	30	N	100	N	300	300	N	700	N	>2,000	N
JGP003	100	N	50	N	300	20	30	N	150	N	200	300	N	1,000	N	>2,000	N
JGP004	300	N	70	N	300	15	<20	N	50	N	<200	500	N	500	N	>2,000	N
JGP005	300	N	50	N	300	15	20	N	70	N	200	500	N	500	N	>2,000	N
JGP006	70	N	50	N	200	30	20	N	100	N	300	150	N	700	N	>2,000	N
JGP007	200	N	70	N	500	15	<20	N	20	N	<200	300	N	150	N	>2,000	N
JGP008	30	N	50	N	100	20	20	N	100	N	300	150	N	500	N	>2,000	N
JGP009	20	N	<50	N	150	50	30	N	150	N	300	100	N	1,000	N	>2,000	N
JGP010	70	N	50	N	150	20	30	N	70	N	200	200	N	700	N	>2,000	N
JGP011	30	N	<50	N	50	30	20	N	100	N	200	150	N	700	N	>2,000	N
JGP012	50	N	200	N	200	20	N	N	70	N	200	200	N	1,000	N	>2,000	N
JGP013	150	N	<50	N	300	20	20	N	70	N	200	300	N	1,000	N	>2,000	N
JGP014	100	N	500	N	150	15	<20	N	200	N	<200	150	N	1,000	N	>2,000	N

Tray Mountain-Chattahoochee-Blood Mountain(TCB),Panned Concentrates

Sample	Latitude	Longitud	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA	S-BE	S-BI	S-CD	S-CO
JGP015	34 45 11	83 47 54	.70	.07	N	>2.00	150	N	N	N	20	70	N	N	N	15
JGP016	34 45 57	83 48 22	.20	<.05	N	>2.00	20	N	N	N	30	50	N	N	N	15
JGP017	34 45 54	83 48 28	.20	<.05	<.10	>2.00	50	N	N	N	20	150	N	N	N	10
JGP018	34 45 48	83 48 29	.20	.05	N	>2.00	50	N	N	N	20	100	N	N	N	15
JGP019	34 45 24	83 47 40	.30	<.05	N	>2.00	50	N	N	N	20	70	N	N	N	10
JGP020	34 45 1	83 46 48	1.00	.10	.15	>2.00	500	N	N	N	30	100	N	N	N	15
JGP028	34 45 1	83 46 48	.50	.05	.20	>2.00	70	N	N	N	20	150	N	N	N	20
JGP031	34 45 1	83 46 48	.70	.05	.10	1.50	100	N	N	N	70	<50	N	N	N	10
JGP032	34 51 5	83 50 22	1.00	.15	.15	.70	200	N	N	N	50	200	N	N	N	10
JGP033	34 51 8	83 50 24	1.00	.10	<.10	1.50	70	N	N	N	150	100	N	N	N	10
JGP034	34 49 37	83 48 52	1.50	.10	<.10	>2.00	500	N	N	N	20	100	N	N	N	10
JGP035	34 49 25	83 49 16	2.00	.20	1.50	>2.00	700	N	N	N	100	50	N	N	N	30
JGP036	34 11 11	83 50 53	1.00	.07	.15	>2.00	300	N	N	N	20	50	N	N	N	10
JGP037	34 50 29	83 51 45	3.00	.10	.10	2.00	500	N	N	N	20	50	N	N	N	15
JGP038	34 51 14	83 52 25	.50	.07	.30	>2.00	100	N	N	N	50	50	N	N	N	10
JGP039	34 50 13	83 46 16	.70	.10	.10	>2.00	70	N	N	N	20	100	N	N	N	15
JGP041	34 50 17	83 46 38	.30	.05	.10	>2.00	50	N	N	N	20	100	N	N	N	15
MAC01NM1	34 57 48	83 38 39	1.00	.50	.50	>2.00	200	N	N	N	<20	200	N	N	N	<10
MAC04NM1	34 57 53	83 40 39	.50	.20	.20	>2.00	200	N	N	N	<20	150	N	N	N	N
MAC09NM1	34 53 25	83 42 56	<.10	<.05	<.10	>2.00	500	N	N	N	<20	500	N	N	N	N
MAC11NM1	34 53 17	83 41 43	<.10	<.05	<.10	>2.00	300	N	N	N	<20	150	N	N	N	N
MAC12NM1	34 53 17	83 41 43	<.10	<.05	<.10	>2.00	500	N	N	N	20	200	N	N	N	N
MAC13NM1	34 55 36	83 38 1	.30	.20	.15	>2.00	200	N	N	N	30	200	N	N	N	N
MAC14NM1	34 55 26	83 28 33	.50	.10	<.10	>2.00	70	N	N	N	<20	150	N	N	N	N
MAC15NM1	34 55 26	83 28 33	.30	.15	<.10	>2.00	150	N	N	N	<20	100	N	N	N	N
MAC17NM1	34 57 14	83 40 10	<.10	<.05	<.10	>2.00	100	N	N	N	N	200	N	N	N	N
MAC18NM1	34 57 14	83 40 10	.10	.05	.10	>2.00	100	N	N	N	N	150	N	N	N	N
MAC19NM1	34 53 50	83 39 58	<.10	<.05	<.10	>2.00	300	N	N	N	<20	100	N	N	N	N
MAC20NM1	34 53 50	83 39 58	<.10	<.05	<.10	>2.00	200	N	N	N	<20	100	N	N	N	<10
MAC22NM1	34 54 30	83 40 0	<.10	<.05	.10	>2.00	200	N	N	N	<20	200	N	N	N	N
MAC23NM1	34 54 33	83 39 13	.15	.05	.10	>2.00	200	N	N	N	<20	100	N	N	N	<10
MAC24NM1	34 54 33	83 39 13	<.10	<.05	<.10	>2.00	150	N	N	N	<20	100	N	N	N	N
MAC25NM1	34 54 31	83 38 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MAC26NM1	34 54 23	83 38 33	.10	.05	<.10	>2.00	200	N	N	N	20	100	N	N	N	N
MAC27NM1	34 54 23	83 38 33	.10	.05	<.10	>2.00	200	N	N	N	<20	100	N	N	N	N
MAC28NM1	34 59 20	83 43 18	<.10	.05	<.10	>2.00	100	N	N	N	500	100	N	N	N	<10
MAC29NM1	34 59 20	83 43 18	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MAC30NM1	34 58 50	83 42 22	<.10	<.05	<.10	>2.00	150	N	N	N	<20	100	N	N	N	N
MAC31NM1	34 57 57	83 43 6	<.10	<.05	<.10	>2.00	150	N	N	N	N	70	N	N	N	<10
MAC32NM1	34 57 57	83 43 6	N	<.05	<.10	>2.00	150	N	N	N	N	50	N	N	N	N

Tray Mountain-Chattahoochee-Blood Mountain(TCB),Panned Concentrates

Sample	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	S-ZR	S-TH
JGP015	200	N	70	N	700	20	20	N	70	N	200	300	N	500	N	>2,000	N
JGP016	150	N	700	N	500	30	20	N	100	N	200	300	N	700	N	>2,000	N
JGP017	70	N	<50	N	300	20	20	N	70	N	200	200	N	700	N	>2,000	N
JGP018	100	N	50	N	200	20	<20	N	100	N	200	200	N	1,000	N	>2,000	N
JGP019	150	N	150	N	500	20	20	N	100	N	300	200	N	1,000	N	>2,000	N
JGP020	100	N	50	N	300	30	50	N	70	N	200	200	N	500	N	>2,000	N
JGP028	200	N	50	N	700	15	20	N	50	N	200	500	N	300	N	>2,000	N
JGP031	30	N	50	N	50	10	<20	N	N	N	<200	100	N	70	N	>2,000	N
JGP032	100	N	100	N	<50	10	<20	N	N	N	<200	150	N	70	N	>2,000	N
JGP033	150	N	70	N	70	15	<20	N	20	N	200	150	N	500	N	>2,000	N
JGP034	150	N	70	N	300	15	20	N	50	N	200	200	N	300	N	>2,000	N
JGP035	150	N	100	N	100	20	<20	N	50	N	200	200	N	200	N	>2,000	N
JGP036	100	N	100	N	200	20	<20	N	70	N	200	300	N	500	N	>2,000	N
JGP037	50	N	<50	N	150	<10	<20	N	15	N	<200	150	N	150	N	>2,000	N
JGP038	70	N	<50	N	300	N	20	N	10	N	<200	500	N	150	N	>2,000	N
JGP039	150	N	50	N	500	20	<20	N	70	N	200	300	N	500	N	>2,000	N
JGP041	50	N	<50	N	150	30	<20	N	100	N	200	150	N	700	N	>2,000	N
MAC01NM1	300	50	100	N	100	N	<20	N	--	N	N	300	N	100	N	>2,000	N
MAC04NM1	300	N	N	N	<50	N	50	N	--	N	N	150	N	1,000	N	>2,000	N
MAC09NM1	<20	N	N	N	N	N	70	N	--	N	N	70	N	1,000	N	>2,000	N
MAC11NM1	70	10	N	N	<50	N	50	N	--	N	N	100	N	1,000	N	>2,000	N
MAC12NM1	<20	N	N	N	<50	N	70	N	--	N	N	100	N	1,000	N	>2,000	N
MAC13NM1	150	100	N	N	N	N	20	N	--	N	N	70	N	500	N	>2,000	N
MAC14NM1	300	20	N	N	<50	N	50	N	--	N	N	150	N	700	N	>2,000	N
MAC15NM1	300	N	N	N	<50	N	70	N	--	<20	N	100	N	1,000	N	>2,000	N
MAC17NM1	50	N	N	N	<50	N	70	N	--	N	N	100	N	1,000	N	>2,000	N
MAC18NM1	100	10	N	N	150	N	70	N	--	N	N	100	N	700	N	>2,000	N
MAC19NM1	N	N	N	N	<50	N	70	N	--	20	N	50	N	700	N	>2,000	N
MAC20NM1	500	15	N	N	100	N	50	N	--	N	N	200	N	700	N	>2,000	N
MAC22NM1	100	10	N	N	<50	N	50	N	--	20	N	100	N	500	N	>2,000	N
MAC23NM1	200	15	N	N	<50	N	50	N	--	N	N	100	N	700	N	>2,000	N
MAC24NM1	20	<10	N	N	N	N	100	N	--	N	N	70	N	500	N	>2,000	N
MAC25NM1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MAC26NM1	50	10	N	N	<50	N	70	N	--	20	N	100	N	700	N	>2,000	N
MAC27NM1	100	30	N	N	<50	N	70	N	--	<20	N	100	N	500	N	>2,000	N
MAC28NM1	100	10	N	N	50	N	50	N	--	N	N	100	N	300	N	>2,000	N
MAC29NM1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MAC30NM1	200	10	N	N	N	N	50	N	--	N	N	100	N	500	N	>2,000	N
MAC31NM1	300	15	N	N	50	N	50	N	--	N	N	150	N	500	N	>2,000	N
MAC32NM1	200	15	N	N	50	N	50	N	--	<20	N	150	N	700	N	>2,000	N

Tray Mountain-Chattahoochee-Blood Mountain(TCB),Panned Concentrates

Sample	Latitude	Longitud	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA	S-BE	S-BI	S-CD	S-CO
MAC33NM1	34 59 42	83 39 23	.50	.15	1.50	>2.00	150	N	N	N	<20	150	N	N	N	10
MAC34NM1	35 0 2	83 39 9	.10	.10	.10	>2.00	100	N	N	N	<20	100	N	N	N	N
MAC35NM1	35 0 2	83 39 9	.20	.30	.15	>2.00	200	N	N	N	<20	150	N	N	N	N
MAC36NM1	34 59 54	83 40 24	.15	.10	.10	>2.00	50	N	N	N	<20	70	N	N	N	70
MAC37NM1	34 59 42	83 39 23	.15	.07	<.10	>2.00	20	N	N	N	<20	100	N	N	N	N
NGP01	34 41 9	83 53 42	.50	<.05	N	>2.00	20	N	N	N	<20	<50	N	N	N	30
NGP02	34 41 19	83 52 56	.70	.05	<.10	>2.00	20	N	N	N	<20	200	N	N	N	15
NGP03	34 41 19	83 52 56	.50	.05	N	>2.00	50	N	N	N	<20	50	N	N	N	20
NGP04	34 41 14	83 53 29	.50	.05	.10	>2.00	70	N	N	N	<20	150	N	N	N	20
NGP05	34 42 12	83 52 55	.50	.05	.30	>2.00	50	N	N	N	<20	150	N	N	N	30
NGP06	34 42 12	83 52 55	.30	.05	.10	>2.00	30	N	N	N	<20	200	N	N	N	20
NGP07	34 41 35	83 53 30	.30	.05	N	>2.00	20	N	N	N	<20	<50	N	N	N	20
NGP08	34 41 35	83 53 30	.30	.05	.10	>2.00	20	N	N	N	<20	50	N	N	N	20
NGP09	34 41 13	83 53 30	.50	.05	<.10	>2.00	30	N	N	N	<20	100	N	N	N	20
NGP10	34 42 0	83 57 48	.20	.05	.15	>2.00	20	N	N	N	<20	300	N	N	N	10
NGP11	34 42 0	83 57 48	.20	.05	.15	>2.00	50	N	N	N	<20	100	N	N	N	15
NGP12	34 42 6	83 57 25	.30	.05	.10	>2.00	50	N	N	N	20	200	N	N	N	15
NGP13	34 42 16	83 57 2	.30	.05	.10	>2.00	30	N	N	N	<20	50	N	N	N	30
NGP14	34 42 16	83 57 2	.70	.10	.15	>2.00	100	N	N	N	<20	200	N	N	N	15
NGP15	34 41 14	83 56 53	.30	<.05	N	>2.00	30	N	N	N	<20	70	N	N	N	30
NGP16	34 41 14	83 56 53	.20	.05	<.10	>2.00	20	N	N	N	<20	150	N	N	N	20
NGP17	34 41 11	83 56 38	.50	.05	N	>2.00	50	N	N	N	<20	50	N	N	N	30
NGP18	34 41 54	83 54 48	.20	.05	N	>2.00	20	N	N	N	<20	200	N	N	N	15
NGP19	34 40 26	83 57 21	.50	.05	N	>2.00	50	N	N	N	<20	<50	N	N	N	30
NGP20	34 40 36	83 57 18	.50	.05	<.10	>2.00	70	N	N	N	<20	<50	N	N	N	30
NGP21	34 40 49	83 58 51	.30	.05	.30	>2.00	70	N	N	N	<20	500	N	N	N	20
NGP22	34 40 49	83 52 51	.30	.05	.10	>2.00	50	N	N	N	<20	70	N	N	N	20
NGP23	34 49 57	83 58 31	.50	.05	.15	>2.00	70	N	N	N	<20	200	N	N	N	20
NGP24	34 41 48	83 56 22	.20	.05	<.10	>2.00	20	N	N	N	N	<50	N	N	N	20
NGP25	34 41 48	83 56 22	.20	.05	<.10	>2.00	20	N	N	N	N	50	N	N	N	30
NGP26	34 41 35	83 56 18	.30	.05	<.10	>2.00	50	N	N	N	N	100	N	N	N	20
NGP27	34 42 52	83 54 47	.50	.05	.10	>2.00	70	N	N	N	N	150	N	N	N	15
NGP28	34 42 52	83 54 47	.30	.05	.10	>2.00	70	N	N	N	N	200	N	N	N	20
NGP29	34 41 58	83 55 0	.70	.07	<.10	>2.00	100	N	N	N	20	100	2	N	N	15
NGP30	34 42 31	83 54 41	.30	.05	.15	>2.00	70	N	N	N	N	500	N	N	N	15
NGP31	34 43 8	83 54 21	.50	.10	.10	>2.00	30	N	N	N	N	200	N	N	N	30
NGP32	34 44 26	83 55 23	.20	.05	.20	>2.00	50	N	N	N	N	200	N	N	N	20
NGP33	34 43 32	83 58 45	.30	.07	.10	>2.00	50	N	N	N	N	300	N	N	N	15
NGP34	34 44 27	83 57 23	.20	.05	<.10	>2.00	30	N	N	N	N	200	N	N	N	20
NGP35	34 44 27	83 57 23	.50	.07	<.10	>2.00	100	N	N	N	N	100	N	N	N	15

Tray Mountain-Chattahoochee-Blood Mountain(TCB),Panned Concentrates

Sample	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	S-ZR	S-TH
MAC33NM1	300	50	N	N	100	N	20	N	--	<20	N	200	N	300	N	>2,000	N
MAC34NM1	500	20	N	N	200	N	<20	N	--	>2,000	N	200	N	200	N	>2,000	N
MAC35NM1	300	15	N	N	70	N	1,500	N	--	<20	N	150	N	500	N	>2,000	N
MAC36NM1	500	30	N	N	100	10	20	N	--	30	N	100	N	300	N	>2,000	N
MAC37NM1	700	30	N	N	70	N	30	N	--	<20	N	150	N	700	N	>2,000	N
NGP01	500	N	50	N	1,000	<10	30	N	70	N	N	700	N	500	N	>2,000	N
NGP02	150	N	50	N	300	15	N	N	70	N	200	300	N	700	N	>2,000	N
NGP03	500	N	100	N	500	<10	20	N	70	70	N	500	N	500	N	>2,000	N
NGP04	200	N	150	N	700	10	20	N	70	N	<200	700	N	500	N	>2,000	N
NGP05	300	N	50	N	1,000	<10	30	N	30	N	N	700	N	200	N	>2,000	N
NGP06	300	N	50	N	700	<10	20	N	50	N	N	700	N	200	N	>2,000	N
NGP07	300	N	50	N	1,000	<10	20	N	70	N	N	700	N	300	N	>2,000	N
NGP08	300	N	50	N	1,000	<10	20	N	70	N	N	700	N	300	N	>2,000	N
NGP09	300	N	100	N	700	<10	<20	N	50	N	N	700	N	200	N	>2,000	N
NGP10	30	N	50	N	70	30	N	N	100	N	300	100	N	1,000	N	>2,000	N
NGP11	50	N	<50	N	100	30	<20	N	100	N	300	150	N	1,000	N	>2,000	N
NGP12	70	N	50	N	200	20	<20	N	100	N	200	150	N	1,000	N	>2,000	N
NGP13	300	N	300	N	300	10	30	N	50	N	<200	1,000	N	300	N	>2,000	N
NGP14	50	N	200	N	100	30	30	N	100	N	200	200	N	700	N	>2,000	N
NGP15	300	N	<50	N	1,000	<10	30	N	50	N	N	700	N	500	N	>2,000	N
NGP16	200	N	50	N	300	15	30	N	70	N	<200	700	N	700	N	>2,000	N
NGP17	300	N	500	N	700	<10	30	N	50	N	N	700	N	300	N	>2,000	N
NGP18	50	N	<50	N	100	15	30	N	100	N	200	300	N	1,000	N	>2,000	N
NGP19	500	N	200	N	1,500	<10	20	N	50	N	<200	700	N	300	N	>2,000	N
NGP20	300	N	100	N	500	<10	20	N	30	N	N	700	N	200	N	>2,000	N
NGP21	100	N	<50	N	300	10	20	N	70	N	200	300	N	700	N	>2,000	N
NGP22	150	N	100	N	500	15	30	N	70	N	<200	500	N	500	N	>2,000	N
NGP23	150	N	70	N	300	10	20	N	50	N	<200	500	N	500	N	>2,000	N
NGP24	500	N	100	N	300	<10	20	N	50	N	N	1,000	N	200	N	>2,000	N
NGP25	500	N	200	N	500	<10	30	N	50	N	N	1,000	N	200	N	>2,000	N
NGP26	300	N	50	N	500	<10	20	N	30	N	N	700	N	200	N	>2,000	N
NGP27	200	N	70	N	300	10	20	N	50	N	200	700	N	300	N	>2,000	N
NGP28	200	N	1,000	N	200	10	20	N	50	N	<200	700	N	200	N	>2,000	N
NGP29	200	N	300	N	300	<10	20	N	30	N	N	500	N	300	N	>2,000	N
NGP30	100	N	300	N	150	10	20	N	70	N	200	300	N	200	500	>2,000	N
NGP31	100	N	>2,000	N	150	10	100	N	50	N	200	500	N	1,000	1,000	>2,000	1,000
NGP32	150	N	>2,000	N	200	10	70	N	50	N	200	500	N	700	N	>2,000	300
NGP33	70	N	2,000	N	150	15	30	N	100	N	200	200	N	1,000	N	>2,000	N
NGP34	50	N	>2,000	N	100	20	30	N	100	N	200	150	N	1,500	N	>2,000	N
NGP35	150	N	100	N	200	10	20	N	70	N	<200	300	N	700	N	>2,000	N

Tray Mountain-Chattahoochee-Blood Mountain(TCB),Panned Concentrates

Sample	Latitude	Longitud	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA	S-BE	S-BI	S-CD	S-CO
NGP36	34 44 25	83 57 36	.50	.07	.15	>2.00	100	N	N	N	N	200	N	N	N	10
NGP37	34 44 10	83 57 52	.15	.20	.15	>2.00	50	N	N	N	20	300	N	N	N	20
NGP38	34 44 7	83 58 5	.20	.05	.10	>2.00	70	N	N	N	N	100	N	N	N	15
NGP39	34 43 53	83 58 13	.30	.10	.20	>2.00	50	N	N	N	20	500	N	N	N	15
NGP40	34 44 39	83 52 59	.20	.07	.10	>2.00	70	N	N	N	N	150	N	N	N	20
PRT1M1	35 2 36	83 27 3	10.00	.70	1.00	.50	1,000	N	N	N	N	70	15	N	N	100
PRT1NM1	35 2 36	83 27 3	.30	<.05	.50	>2.00	50	N	N	N	<20	100	N	N	N	N
PRT2M1	35 2 36	83 27 3	20.00	1.00	1.00	>2.00	5,000	N	N	N	N	N	5	N	N	100
PRT2NM1	35 2 36	83 27 3	.30	.05	.30	1.00	50	N	N	N	<20	200	N	N	N	N
PRT3M1	35 3 14	83 22 58	20.00	.20	.70	>2.00	1,500	N	N	N	20	50	5	N	N	70
PRT3NM1	35 3 14	83 22 58	.70	<.05	<.10	.70	50	N	N	N	<20	50	N	N	N	N
PRT4M1	35 3 14	83 25 58	7.00	2.00	2.00	.70	1,500	N	N	N	<20	<50	7	N	N	70
PRT4NM1	35 3 14	83 25 58	.70	<.05	.20	1.00	50	N	N	N	<20	50	N	N	N	N
PRT5M1	35 3 31	83 27 28	7.00	.70	1.50	1.50	1,000	N	N	N	<20	<50	10	N	N	100
PRT5NM1	35 3 31	83 27 28	.50	<.05	.30	>2.00	50	N	N	N	<20	50	N	N	N	N
PRT6M1	35 3 34	83 26 35	7.00	.70	1.50	.70	2,000	N	N	N	30	100	10	N	N	70
PRT6NM1	35 3 34	83 26 35	.50	<.05	<.10	.70	30	N	N	N	<20	100	N	N	N	N
PRT7M1	35 2 41	83 25 20	7.00	.70	7.00	.50	3,000	N	N	N	20	50	3	N	N	20
PRT7NM1	35 2 41	83 25 20	.50	<.05	.50	2.00	50	N	N	N	<20	50	N	N	N	N
RBS001M1	35 1 32	83 33 12	20.00	.70	.30	>2.00	3,000	N	N	N	20	<50	N	N	N	20
RBS001M5	35 1 32	83 33 12	30.00	.15	.20	>2.00	2,000	N	N	N	<20	N	N	N	N	15
RBS001NM	35 1 32	83 33 12	1.50	.30	.10	.30	1,500	N	N	N	20	<50	N	N	N	N
RBS002M1	35 1 32	83 33 12	15.00	1.00	1.50	1.50	5,000	N	N	N	20	N	N	N	N	15
RBS002M5	35 1 32	83 33 12	30.00	2.00	1.00	2.00	10,000	N	N	N	20	N	N	N	N	20
RBS002NM	35 1 32	83 33 12	.15	.05	1.00	>2.00	70	N	N	N	20	<50	N	N	N	N
RBS003M1	35 1 26	83 33 15	20.00	.70	.30	>2.00	1,500	N	N	N	50	50	N	N	N	20
RBS003M5	35 1 26	83 33 15	50.00	.10	<.10	>2.00	1,500	N	N	N	<20	N	N	N	N	20
RBS003NM	35 1 26	83 33 15	.10	<.05	.20	1.50	50	N	N	N	20	50	N	N	N	N
RBS004M1	35 1 14	83 33 15	.50	.30	.20	.10	100	N	N	N	30	<50	N	N	N	20
RBS004M5	35 1 14	83 33 15	50.00	.10	<.10	>2.00	2,000	N	N	N	<20	N	N	N	N	20
RBS004NM	35 1 14	83 33 15	.30	<.05	.10	.07	30	N	N	N	20	<50	N	N	N	N
RBS005M1	35 1 9	83 33 10	3.00	.50	3.00	.30	1,000	N	N	N	50	100	N	N	N	15
RBS005M5	35 1 9	83 33 10	30.00	2.00	1.00	1.00	>10,000	N	N	N	<20	N	N	N	N	20
RBS005NM	35 1 9	83 33 10	.70	.10	.20	.70	70	N	N	N	30	<50	N	N	N	N
RBS006M1	35 0 41	83 33 22	20.00	1.50	2.00	.70	5,000	N	N	N	20	<50	N	N	N	15
RBS006M5	35 0 41	83 33 22	30.00	1.00	1.00	>2.00	3,000	N	N	N	<20	N	N	N	N	20
RBS006NM	35 0 41	83 33 22	.30	.05	.70	>2.00	70	N	N	N	30	<50	N	N	N	N
RBS007M1	35 0 41	83 33 22	10.00	1.00	1.50	1.00	2,000	N	N	N	30	N	N	N	N	20
RBS007M5	35 0 41	83 33 22	30.00	.70	.20	>2.00	3,000	N	N	N	<20	N	N	N	N	15
RBS007NM	35 0 41	83 33 22	.70	.05	.30	>2.00	50	N	N	N	20	<50	N	N	N	N

Tray Mountain-Chattahoochee-Blood Mountain(TCB),Panned Concentrates

Sample	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	S-ZR	S-TH
NGP36	150	N	100	N	200	10	20	N	70	N	200	300	N	700	N	>2,000	N
NGP37	30	N	>2,000	N	<50	15	70	N	50	N	<200	150	N	1,500	700	>2,000	1,500
NGP38	100	N	300	N	200	10	20	N	100	N	200	200	N	1,000	N	>2,000	N
NGP39	50	N	1,000	N	200	10	50	N	70	N	200	150	N	700	N	>2,000	N
NGP40	100	N	>2,000	N	150	15	50	N	70	N	200	500	N	1,000	N	>2,000	N
PRT1M1	150	20	>2,000	N	N	100	30	N	20	N	200	150	N	1,000	2,000	>2,000	1,000
PRT1NM1	50	N	70	N	N	<10	20	N	50	N	<200	200	N	500	N	>2,000	N
PRT2M1	300	N	1,000	N	50	30	20	N	50	N	<200	700	N	200	700	1,500	<200
PRT2NM1	70	N	70	N	N	<10	50	N	70	N	<200	150	N	500	N	>2,000	N
PRT3M1	300	15	2,000	N	50	<10	20	N	30	N	<200	700	N	300	1,000	>2,000	<200
PRT3NM1	70	N	50	N	N	<10	N	N	20	N	<200	100	N	300	N	>2,000	N
PRT4M1	300	<10	1,000	N	N	70	20	N	70	N	200	300	N	500	1,000	1,500	<200
PRT4NM1	70	N	50	N	N	<10	N	N	10	N	N	100	N	150	N	>2,000	N
PRT5M1	150	<10	>2,000	N	100	70	50	N	30	N	200	200	N	500	1,500	>2,000	1,000
PRT5NM1	70	<10	50	N	70	<10	N	N	10	N	<200	200	N	200	N	>2,000	N
PRT6M1	300	15	>2,000	N	N	<10	100	N	70	N	300	300	N	1,500	1,000	>2,000	3,000
PRT6NM1	30	N	150	N	N	<10	20	N	30	N	<200	70	N	300	N	>2,000	N
PRT7M1	200	<10	>2,000	N	N	50	100	N	150	N	1,000	500	N	3,000	N	>2,000	2,000
PRT7NM1	50	N	<50	N	N	<10	20	N	30	N	<200	100	N	300	N	>2,000	N
RBS001M1	150	15	>2,000	N	N	<10	100	N	10	20	N	200	N	5,000	N	>2,000	2,000
RBS001M5	150	<10	100	N	50	<10	N	N	20	N	N	700	N	200	N	300	N
RBS001NM	20	10	150	N	N	<10	20	N	20	N	N	50	N	500	N	>2,000	N
RBS002M1	50	<10	>2,000	N	50	<10	30	N	20	N	200	100	N	1,000	N	300	700
RBS002M5	50	<10	50	N	50	<10	N	N	70	N	N	150	N	500	N	200	N
RBS002NM	70	<10	100	N	70	<10	N	N	N	N	N	150	N	150	N	>2,000	N
RBS003M1	100	70	>2,000	N	N	<10	100	N	10	20	N	200	N	>5,000	N	>2,000	5,000
RBS003M5	200	<10	150	N	50	<10	N	N	30	N	N	700	N	700	N	300	N
RBS003NM	<20	<10	100	N	N	<10	20	N	30	N	N	30	N	700	N	>2,000	N
RBS004M1	50	100	>2,000	N	N	<10	150	200	10	20	300	<20	N	>5,000	N	>2,000	>5,000
RBS004M5	200	<10	100	N	50	<10	N	N	30	N	N	700	N	150	N	200	N
RBS004NM	20	<10	50	N	N	<10	20	N	N	N	N	20	N	300	N	>2,000	N
RBS005M1	50	15	>2,000	N	N	<10	70	N	10	N	2,000	100	N	2,000	N	>2,000	2,000
RBS005M5	50	<10	70	N	N	<10	N	N	150	N	N	150	N	700	N	300	N
RBS005NM	70	<10	100	N	<50	<10	N	N	N	N	N	100	N	100	N	>2,000	N
RBS006M1	70	<10	2,000	N	<50	<10	<20	N	50	N	200	200	N	500	N	500	<200
RBS006M5	100	<10	50	N	50	<10	N	N	30	N	N	300	N	200	N	150	N
RBS006NM	70	<10	70	N	100	<10	N	N	N	N	N	150	N	150	N	>2,000	N
RBS007M1	70	10	>2,000	N	50	<10	50	N	10	N	N	100	N	3,000	N	2,000	2,000
RBS007M5	100	<10	70	N	<50	<10	N	N	30	N	N	300	N	300	N	300	N
RBS007NM	70	10	70	N	50	<10	<20	N	N	<20	N	150	N	150	N	>2,000	N

Tray Mountain-Chattahoochee-Blood Mountain(TCB),Panned Concentrates

Sample	Latitude			Longitud			S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA	S-BE	S-BI	S-CD	S-CO
RBS008M1	35	0	31	83	33	8	5.00	.30	5.00	2.00	500	N	N	N	50	<50	N	N	N	15
RBS008M5	35	0	31	83	33	8	20.00	1.50	.70	1.00	5,000	N	N	N	<20	N	N	N	N	15
RBS008NM	35	0	31	83	33	8	.50	.05	.70	>2.00	70	N	N	N	30	50	N	N	N	N
RBS009M1	35	0	44	83	35	43	10.00	3.00	3.00	2.00	1,000	N	N	N	150	70	N	N	N	50
RBS009M5	35	0	44	83	35	43	20.00	3.00	2.00	.50	5,000	N	N	N	<20	<50	N	N	N	30
RBS009NM	35	0	44	83	35	43	.50	.15	.30	>2.00	100	N	N	N	20	50	N	N	N	N
RBS010M1	35	0	48	83	36	23	10.00	2.00	2.00	2.00	700	N	N	N	150	50	N	N	N	30
RBS010M5	35	0	48	83	36	23	20.00	2.00	1.00	1.50	7,000	N	N	N	<20	N	N	N	N	30
RBS010NM	35	0	48	83	36	23	.70	.15	.15	>2.00	100	N	N	N	20	50	N	N	N	N
RBS011M1	35	0	52	83	36	39	10.00	.70	3.00	>2.00	1,500	N	N	N	150	<50	N	N	N	15
RBS011M5	35	0	52	83	36	39	15.00	2.00	2.00	>2.00	5,000	N	N	N	<20	<50	N	N	N	30
RBS011NM	35	0	52	83	36	39	.70	<.05	.30	>2.00	150	N	N	N	50	<50	N	N	N	N
RBS012M1	35	0	15	83	36	32	7.00	.50	10.00	1.50	700	N	N	N	20	50	N	N	N	10
RBS012M5	35	0	15	83	36	32	30.00	2.00	1.50	1.00	7,000	N	N	N	<20	N	N	N	N	30
RBS012NM	35	0	15	83	36	32	.70	.10	1.00	>2.00	150	N	N	N	20	50	N	N	N	N
RBS013M1	35	0	11	83	36	45	7.00	1.00	7.00	.70	700	N	N	N	30	50	N	N	N	10
RBS013M5	35	0	11	83	36	45	20.00	2.00	.70	1.00	7,000	N	N	N	<20	N	N	N	N	20
RBS013NM	35	0	11	83	36	45	1.00	.15	.30	>2.00	200	N	N	N	20	70	N	N	N	N
RBS014M1	35	0	19	83	37	5	7.00	1.00	10.00	1.00	1,000	N	N	N	20	<50	N	N	N	15
RBS014M5	35	0	19	83	37	5	30.00	3.00	2.00	2.00	7,000	N	N	N	<20	N	N	N	N	30
RBS014NM	35	0	19	83	37	5	.50	.07	.30	>2.00	70	N	N	N	20	50	N	N	N	N
RBS015M1	35	3	32	83	35	12	5.00	.50	1.50	.70	1,000	N	N	N	200	50	N	N	N	20
RBS015M5	35	3	32	83	35	12	30.00	.15	<.10	>2.00	1,500	N	N	N	<20	N	N	N	N	15
RBS015NM	35	3	32	83	35	12	.30	.05	.20	.70	50	N	N	N	20	<50	N	N	N	N
RBS016M1	35	3	32	83	35	12	5.00	1.00	2.00	2.00	500	N	N	N	50	<50	N	N	N	20
RBS016M5	35	3	32	83	35	12	20.00	2.00	1.50	>2.00	5,000	N	N	N	<20	N	N	N	N	20
RBS016NM	35	3	32	83	35	12	.70	.07	.10	2.00	150	N	N	N	20	<50	N	N	N	N
RBS019	35	1	20	83	30	6	2.00	.10	<.10	1.00	70	N	N	N	20	<50	N	N	N	<10
RBS020	35	1	18	83	30	4	1.50	.07	N	.70	70	N	N	N	20	<50	N	N	N	N
RBS021	35	1	3	83	30	25	2.00	.10	<.10	1.00	100	N	N	N	20	<50	N	N	N	10
RBS022	35	1	6	83	30	21	2.00	.10	<.10	.70	150	N	N	N	20	<50	N	N	N	10
RBS023	35	1	5	83	30	29	2.00	.15	<.10	2.00	150	N	N	N	20	70	N	N	N	10
RBS024	35	1	21	83	30	21	2.00	.10	<.10	1.50	100	N	N	N	20	50	N	N	N	10
RBS025	35	2	25	83	30	13	2.00	.15	.10	1.00	150	N	N	N	20	50	N	N	N	30
RBS026	35	2	10	83	30	51	3.00	.15	N	.30	200	N	N	N	20	<50	N	N	N	10
RBS027	35	2	8	83	30	48	2.00	.15	<.10	2.00	70	N	N	N	20	70	N	N	N	15
RBS028	35	2	29	83	30	49	2.00	.15	<.10	2.00	300	N	N	N	20	70	N	N	N	10
RBS029	35	2	26	83	30	46	1.50	.07	.10	>2.00	70	N	N	N	20	50	N	N	N	10
RBS030	35	3	24	83	30	13	1.00	.07	.50	>2.00	150	N	N	N	20	50	N	N	N	10
RBS031	35	0	32	83	30	12	.70	.05	<.10	2.00	70	N	N	N	20	100	N	N	N	10

Tray Mountain-Chattahoochee-Blood Mountain(TCB),Panned Concentrates

Sample	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	S-ZR	S-TH
RBS008M1	50	<10	>2,000	N	150	<10	50	N	10	N	1,000	100	N	700	1,500	2,000	500
RBS008M5	30	<10	<50	N	50	<10	N	N	50	N	N	70	N	300	N	100	N
RBS008NM	50	15	100	N	200	<10	N	N	N	<20	N	150	N	150	N	>2,000	N
RBS009M1	300	30	1,500	N	150	200	20	N	20	N	<200	300	N	150	N	300	200
RBS009M5	100	10	50	N	N	50	N	N	50	N	N	300	N	200	N	150	N
RBS009NM	50	<10	150	N	300	<10	N	N	N	N	N	200	N	20	N	2,000	N
RBS010M1	200	10	>2,000	N	100	100	20	N	10	N	<200	300	N	200	N	300	300
RBS010M5	70	10	50	N	<50	30	N	N	50	N	N	200	N	300	N	200	N
RBS010NM	100	<10	150	N	300	<10	N	N	N	N	N	200	N	30	N	>2,000	N
RBS011M1	50	10	>2,000	N	200	<10	50	N	20	N	200	150	N	700	1,000	500	700
RBS011M5	30	10	150	N	100	50	N	N	20	N	N	150	N	150	N	500	N
RBS011NM	150	N	700	N	150	<10	N	N	10	<20	N	200	N	150	N	>2,000	N
RBS012M1	50	<10	>2,000	N	70	<10	30	N	10	N	700	150	N	200	1,500	1,500	200
RBS012M5	50	<10	50	N	<50	20	N	N	70	N	N	150	N	300	N	300	N
RBS012NM	50	<10	100	N	100	<10	N	N	N	<20	N	150	N	100	N	>2,000	N
RBS013M1	100	<10	>2,000	N	50	50	50	N	10	N	1,000	150	N	200	1,000	1,000	200
RBS013M5	50	<10	50	N	<50	10	N	N	70	N	N	150	N	300	N	150	N
RBS013NM	70	<10	100	N	70	<10	N	N	N	N	N	150	N	70	N	>2,000	N
RBS014M1	100	<10	>2,000	N	70	30	50	N	15	N	500	200	N	300	N	500	300
RBS014M5	70	<10	70	N	50	30	N	N	70	N	N	200	N	200	N	300	N
RBS014NM	70	<10	100	N	150	<10	N	N	N	N	N	150	N	100	N	>2,000	N
RBS015M1	100	30	>2,000	N	N	30	20	<200	10	N	<200	100	N	>5,000	500	>2,000	>5,000
RBS015M5	150	N	150	N	<50	<10	N	N	20	N	N	500	N	100	N	300	N
RBS015NM	30	<10	100	N	N	<10	20	N	N	N	N	100	N	300	N	>2,000	N
RBS016M1	70	15	>2,000	N	150	50	50	N	15	N	200	200	N	1,000	1,000	1,000	1,000
RBS016M5	70	<10	70	N	50	30	N	N	50	N	N	200	N	300	N	300	N
RBS016NM	100	<10	<50	N	50	<10	N	N	N	N	N	150	N	50	N	>2,000	N
RBS019	200	N	50	N	N	10	N	N	30	N	200	150	N	150	N	>2,000	N
RBS020	150	N	50	N	N	10	<20	N	30	N	200	100	N	150	N	>2,000	N
RBS021	200	N	50	N	N	<10	N	N	10	N	200	150	N	100	N	>2,000	N
RBS022	200	N	50	N	<50	10	N	N	10	N	<200	150	N	70	N	>2,000	N
RBS023	200	N	100	N	300	15	N	N	30	N	200	200	N	200	N	>2,000	N
RBS024	200	N	300	N	200	15	N	N	20	N	<200	200	N	200	N	>2,000	N
RBS025	150	N	<50	N	N	15	N	N	30	N	200	100	N	200	N	>2,000	N
RBS026	150	N	<50	N	N	10	N	N	15	N	<200	150	N	70	N	>2,000	N
RBS027	200	N	50	N	200	15	N	N	20	N	200	200	N	200	N	>2,000	N
RBS028	200	N	<50	N	150	10	<20	N	30	N	200	200	N	200	N	>2,000	N
RBS029	200	N	50	N	200	10	<20	N	30	N	200	200	N	150	N	>2,000	N
RBS030	150	N	N	N	150	15	20	N	70	N	200	300	N	500	N	>2,000	N
RBS031	100	N	N	N	70	15	20	N	100	N	200	150	N	700	N	>2,000	N

Tray Mountain-Chattahoochee-Blood Mountain(TCB),Panned Concentrates

Sample	Latitude			Longitud			S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA	S-BE	S-BI	S-CD	S-CO
RBS032	35	3	37	83	31	11	1.50	.15	.70	2.00	300	N	N	N	20	100	N	N	N	15
RBS033	35	4	32	83	31	29	1.00	.10	<.10	>2.00	100	N	N	N	20	70	N	N	N	15
RBS034	35	3	32	83	19	27	1.50	.15	1.50	2.00	200	N	N	N	20	500	N	N	N	10
RBS035	35	3	31	83	32	36	1.00	.10	.50	>2.00	150	N	N	N	20	100	N	N	N	10
RBS036	35	4	14	83	31	59	2.00	.15	1.00	>2.00	200	N	N	N	20	100	N	N	N	20
RBS037	35	5	18	83	32	26	2.00	.15	.30	2.00	300	N	N	N	20	70	N	N	N	10
RBS038	35	2	47	83	36	36	1.00	.10	.50	>2.00	150	N	N	N	20	200	N	N	N	10
RBS039	35	2	45	83	36	32	1.00	.15	.70	1.50	200	N	N	N	20	300	N	N	N	10
RBS040	35	2	26	83	36	27	1.50	.20	1.50	>2.00	200	N	N	N	20	200	N	N	N	15
RBS041	35	2	15	83	36	47	1.00	.20	.30	>2.00	200	N	N	N	150	500	N	N	N	15
RBS042	35	2	47	83	34	46	1.00	.10	.10	1.00	100	N	N	N	<20	500	N	N	N	10
SHT1M1	35	1	13	83	42	17	7.00	1.00	7.00	>2.00	1,000	N	N	N	5,000	N	5	N	N	20
SHT1M5	35	1	13	83	42	17	30.00	1.50	1.00	>2.00	10,000	N	N	N	20	N	N	N	N	30
SHT1NM1	35	1	13	83	42	17	.50	.07	.20	>2.00	100	N	N	N	20	<50	N	N	N	10
SHT2M1	35	1	13	83	41	7	5.00	3.00	.30	>2.00	200	N	N	N	>5,000	N	10	N	N	50
SHT2M5	35	1	13	83	41	7	30.00	.10	<.10	>2.00	1,500	N	N	N	20	N	N	N	N	70
SHT2NM1	35	1	13	83	41	7	.20	<.05	<.10	>2.00	20	N	N	N	100	70	N	N	N	N
SHT3M1	35	1	13	83	41	7	15.00	2.00	2.00	>2.00	3,000	N	N	N	3,000	N	7	N	N	70
SHT3M5	35	1	13	83	41	7	30.00	.50	.10	>2.00	3,000	N	N	N	<20	N	N	N	N	70
SHT3NM1	35	1	13	83	41	7	3.00	.50	1.00	>2.00	300	N	N	N	5,000	N	N	N	N	20
SHT4M1	35	0	39	83	40	9	3.00	.70	1.50	>2.00	700	N	N	N	70	N	N	N	N	50
SHT4M5	35	0	39	83	40	9	50.00	1.50	.50	>2.00	10,000	N	N	N	<20	N	N	N	N	50
SHT4NM1	35	0	39	83	40	9	.30	<.05	<.10	>2.00	50	N	N	N	<20	N	N	N	N	N
SHT5M1	35	0	55	83	37	54	10.00	2.00	7.00	2.00	1,000	N	N	N	100	50	2	N	N	30
SHT5M5	35	0	55	83	37	54	20.00	2.00	1.50	2.00	7,000	N	N	N	<20	N	N	N	N	50
SHT5NM1	35	0	55	83	37	54	.70	.30	1.00	>2.00	200	N	N	N	20	150	2	N	N	N
SHT6M1	35	0	57	83	37	53	15.00	5.00	2.00	1.00	5,000	N	N	N	<20	N	N	N	N	50
SHT6M5	35	0	57	83	37	53	20.00	3.00	1.50	1.00	5,000	N	N	N	<20	N	N	N	N	50
SHT6NM1	35	0	57	83	37	53	.30	.10	.30	>2.00	30	N	N	N	<20	50	<2	N	N	N
SHT7M1	35	1	16	83	38	22	15.00	5.00	3.00	>2.00	5,000	N	N	N	50	50	N	N	N	70
SHT7M5	35	1	16	83	38	22	20.00	2.00	1.00	2.00	5,000	N	N	N	<20	N	N	N	N	50
SHT7NM1	35	1	16	83	38	22	.50	.15	<.10	>2.00	150	N	N	N	<20	50	2	N	N	N
SHT8M1	35	0	56	83	38	19	10.00	5.00	5.00	1.50	2,000	N	N	N	50	50	N	N	N	70
SHT8M5	35	0	56	83	38	19	30.00	2.00	1.50	>2.00	7,000	N	N	N	<20	N	N	N	N	100
SHT8NM1	35	0	56	83	38	19	.30	.15	.30	>2.00	150	N	N	N	<20	50	2	N	N	10
SHT9M1	35	0	24	83	39	19	15.00	3.00	2.00	>2.00	3,000	N	N	N	20	<50	N	N	N	50
SHT9M5	35	0	24	83	39	19	30.00	2.00	1.50	>2.00	7,000	N	N	N	<20	N	N	N	N	50
SHT9NM1	35	0	24	83	39	19	.50	.05	.20	>2.00	100	N	N	N	<20	<50	N	N	N	10
TRM01M1	34	45	2	83	40	38	3.00	.20	.20	>2.00	1,500	N	N	N	100	N	5	N	N	N
TRM01M5	34	45	2	83	40	38	30.00	.70	.15	>2.00	10,000	N	N	N	N	N	N	N	N	15

Tray Mountain-Chattahoochee-Blood Mountain(TCB),Panned Concentrates

Sample	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	S-ZR	S-TH
RBS032	150	N	<50	N	150	10	N	N	30	N	200	200	N	200	N	>2,000	N
RBS033	200	N	N	N	200	10	<20	N	50	N	200	300	N	300	N	>2,000	N
RBS034	150	N	70	N	100	<10	20	N	<10	N	300	200	N	100	N	>2,000	N
RBS035	200	70	70	N	300	<10	<20	N	10	N	200	300	N	70	N	>2,000	N
RBS036	300	N	70	N	200	10	<20	N	10	N	200	300	N	150	N	>2,000	N
RBS037	200	N	50	N	150	10	<20	N	10	N	<200	200	N	100	N	>2,000	N
RBS038	100	N	50	N	70	15	20	N	50	N	200	200	N	300	N	>2,000	N
RBS039	100	N	50	N	50	10	20	N	20	N	200	150	N	200	N	>2,000	N
RBS040	300	N	200	N	300	10	<20	N	<10	N	200	500	N	200	N	>2,000	N
RBS041	200	N	150	N	700	10	20	N	<10	N	<200	500	N	30	N	>2,000	N
RBS042	150	N	200	N	70	10	<20	N	30	N	200	200	N	300	N	>2,000	N
SHT1M1	150	<10	>2,000	N	300	20	100	N	20	N	1,000	300	N	700	1,000	1,000	1,000
SHT1M5	100	<10	100	N	200	<10	N	N	100	N	N	300	N	500	N	500	N
SHT1NM1	200	100	100	N	100	<10	<20	N	10	N	N	300	N	200	N	>2,000	N
SHT2M1	300	<10	>2,000	N	70	50	150	N	10	N	<200	300	N	1,000	2,000	>2,000	1,500
SHT2M5	70	20	<50	N	300	<10	N	N	30	N	N	150	N	30	1,500	500	N
SHT2NM1	20	<10	150	N	<50	<10	N	N	30	N	<200	100	N	500	N	>2,000	N
SHT3M1	200	50	>2,000	N	100	20	50	N	50	N	<200	200	N	1,000	1,500	1,500	500
SHT3M5	150	20	100	N	500	<10	N	N	50	N	N	200	N	50	1,500	500	N
SHT3NM1	150	<10	>2,000	N	50	<10	50	N	20	N	<200	200	N	300	N	>2,000	200
SHT4M1	200	10	>2,000	N	200	10	300	N	50	<20	<200	300	N	3,000	500	2,000	5,000
SHT4M5	300	20	<50	N	200	<10	N	N	100	N	N	500	N	500	1,000	500	N
SHT4NM1	100	<10	70	N	150	<10	N	N	<10	N	N	200	N	200	N	>2,000	N
SHT5M1	200	20	>2,000	N	150	70	70	N	20	N	700	300	N	700	<500	700	1,000
SHT5M5	70	<10	50	N	50	30	N	N	70	N	N	300	N	30	N	200	N
SHT5NM1	300	100	200	N	1,000	<10	N	N	<10	N	<200	300	N	150	N	>2,000	N
SHT6M1	200	15	1,000	N	50	70	<20	N	70	N	<200	500	N	300	N	500	N
SHT6M5	100	<10	50	N	N	50	N	N	150	N	N	300	N	500	N	300	N
SHT6NM1	150	15	150	N	1,000	<10	N	N	<10	N	N	300	N	100	N	>2,000	N
SHT7M1	300	10	>2,000	N	100	100	100	N	70	N	<200	500	N	1,000	1,000	700	1,500
SHT7M5	150	<10	50	N	100	20	N	N	100	N	N	300	N	300	N	300	N
SHT7NM1	300	20	200	N	300	<10	<20	N	<10	N	N	500	N	150	N	>2,000	N
SHT8M1	500	<10	>2,000	N	50	150	50	N	70	N	<200	700	N	700	N	700	1,000
SHT8M5	150	<10	<50	N	150	30	N	N	70	N	N	700	N	150	N	200	N
SHT8NM1	300	70	150	N	700	<10	<20	N	10	50	N	500	N	150	N	>2,000	N
SHT9M1	300	<10	>2,000	N	300	70	70	N	70	N	<200	300	N	1,500	1,000	700	1,000
SHT9M5	300	<10	50	N	200	50	<20	N	70	N	N	700	N	300	N	700	N
SHT9NM1	150	20	200	N	300	<10	N	N	10	N	N	300	N	100	N	>2,000	N
TRM01M1	70	20	>2,000	N	50	N	200	N	0	N	N	50	N	>5,000	500	>2,000	>5,000
TRM01M5	70	N	100	N	100	N	N	N	30	N	N	200	N	1,000	N	2,000	N

Tray Mountain-Chattahoochee-Blood Mountain(TCB),Panned Concentrates

Sample	Latitude			Longitud			S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA	S-BE	S-BI	S-CD	S-CO
TRM01NM1	34	45	2	83	40	38	<.10	<.05	<.10	.50	30	N	N	N	20	<50	N	N	N	N
TRM02M1	34	46	43	83	37	38	3.00	.15	1.00	>2.00	300	N	N	N	100	N	N	N	N	50
TRM02M5	34	46	43	83	37	38	30.00	.50	.15	>2.00	10,000	N	N	N	N	N	N	N	N	15
TRM02NM1	34	46	43	83	37	38	.50	<.05	<.10	2.00	100	N	N	N	20	50	N	N	N	N
TRM03M1	34	45	51	83	38	56	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TRM03M5	34	45	51	83	38	56	50.00	<.05	N	>2.00	3,000	N	N	N	N	N	N	N	N	15
TRM03NM1	34	45	51	83	38	56	<.10	<.05	N	.15	50	N	N	N	20	<50	N	N	N	N
TRM04M1	34	46	15	83	40	34	5.00	2.00	5.00	>2.00	700	N	N	N	20	N	2	N	N	50
TRM04M5	34	46	15	83	40	34	30.00	.70	.30	>2.00	>10,000	N	N	N	<20	N	N	N	N	20
TRM04NM1	34	46	15	83	40	34	<.10	<.05	N	1.00	50	N	N	N	20	<50	N	N	N	N
TRM05M1	34	46	20	83	40	32	7.00	2.00	3.00	>2.00	1,000	N	N	N	<20	<50	3	N	N	30
TRM05M5	34	46	20	83	40	32	30.00	1.50	1.00	>2.00	>10,000	N	N	N	<20	N	N	N	N	15
TRM05NM1	34	46	20	83	40	32	.20	<.05	.10	>2.00	100	N	N	N	20	50	N	N	N	N
TRM06M1	34	46	17	83	40	8	7.00	3.00	7.00	>2.00	1,000	N	N	N	20	N	N	N	N	50
TRM06M5	34	46	17	83	40	8	50.00	1.50	1.00	>2.00	>10,000	N	N	N	N	N	N	N	N	70
TRM06NM1	34	46	17	83	40	8	<.10	<.05	<.10	>2.00	20	N	N	N	20	<50	N	N	N	N
TRM07M1	34	47	19	83	38	55	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TRM07M5	34	47	19	83	38	55	50.00	1.50	1.00	2.00	>10,000	N	N	N	<20	N	N	N	N	15
TRM07NM1	34	47	19	83	38	55	.10	<.05	<.10	.70	30	N	N	N	20	50	N	N	N	N
TRM08M1	34	47	19	83	38	55	7.00	.50	.70	>2.00	2,000	N	N	N	<20	N	2	N	N	20
TRM08M5	34	47	19	83	38	55	50.00	1.50	1.00	>2.00	>10,000	N	N	N	<20	N	N	N	N	15
TRM08NM1	34	47	19	83	38	55	<.10	<.05	<.10	1.50	30	N	N	N	20	<50	N	N	N	N
TRM09M1	34	47	10	83	38	13	1.00	.05	.50	>2.00	200	N	N	N	20	N	N	N	N	20
TRM09M5	34	47	10	83	38	13	50.00	.70	.15	>2.00	>10,000	N	N	N	<20	N	N	N	N	20
TRM09NM1	34	47	10	83	38	13	<.10	<.05	N	1.00	100	N	N	N	20	50	N	N	N	N
TRM10M1	34	45	59	83	42	46	1.50	.50	.50	>2.00	500	N	N	N	30	N	3	N	N	20
TRM10M5	34	45	59	83	42	46	50.00	1.00	.50	>2.00	>10,000	N	N	N	N	N	N	N	N	15
TRM10NM1	34	45	59	83	42	46	.10	<.05	.10	>2.00	50	N	N	N	20	<50	N	N	N	N
TRM11M1	34	45	59	83	42	46	3.00	1.50	1.50	>2.00	700	N	N	N	30	N	5	N	N	30
TRM11M5	34	45	59	83	42	46	50.00	1.50	1.00	>2.00	>10,000	N	N	N	<20	N	N	N	N	15
TRM11NM1	34	45	59	83	42	46	.10	<.05	<.10	2.00	50	N	N	N	20	<50	N	N	N	N
TRM12M1	34	45	51	83	42	40	2.00	.50	.70	>2.00	700	N	N	N	<20	N	5	N	N	30
TRM12M5	34	45	51	83	42	40	30.00	1.00	.30	2.00	>10,000	N	N	N	<20	N	N	N	N	10
TRM12NM1	34	45	51	83	42	40	.10	<.05	.10	2.00	50	N	N	N	20	50	N	N	N	N
TRM13M1	34	45	3	83	44	58	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TRM13M5	34	45	3	83	44	58	20.00	1.50	1.50	2.00	>10,000	N	N	N	20	N	N	N	N	100
TRM13NM1	34	45	3	83	44	58	.70	.10	.70	2.00	500	N	N	N	20	<50	N	N	N	10
TRM14M1	34	45	38	83	44	58	1.50	.70	.70	.70	500	N	N	N	150	<50	3	N	N	N
TRM14M5	34	45	38	83	44	58	20.00	1.00	.50	>2.00	>10,000	N	N	N	20	N	N	N	N	20
TRM14NM1	34	45	38	83	44	58	.20	.05	.15	>2.00	30	N	N	N	20	50	N	N	N	N

Tray Mountain-Chattahoochee-Blood Mountain(TCB),Panned Concentrates

Sample	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	S-ZR	S-TH
TRM01NM1	N	N	<50	N	N	N	30	N	20	N	N	20	N	700	N	>2,000	N
TRM02M1	20	20	>2,000	N	50	N	700	N	0	N	N	50	N	>5,000	500	>2,000	>5,000
TRM02M5	100	N	500	N	50	N	N	N	30	<20	N	300	N	1,000	N	>2,000	N
TRM02NM1	N	N	200	N	N	N	500	N	50	N	N	50	N	1,000	N	>2,000	N
TRM03M1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TRM03M5	150	<10	N	N	50	N	N	N	10	N	N	500	N	100	N	>2,000	N
TRM03NM1	N	<10	50	N	N	N	50	N	15	N	N	<20	N	700	N	>2,000	N
TRM04M1	300	30	>2,000	N	50	100	300	N	0	<20	1,000	150	N	>5,000	500	>2,000	>5,000
TRM04M5	30	<10	200	N	100	N	N	N	50	N	N	70	N	1,000	N	>2,000	N
TRM04NM1	N	20	50	N	N	N	30	N	20	N	N	30	N	700	N	>2,000	N
TRM05M1	200	20	>2,000	N	50	50	300	N	0	<20	1,000	150	N	>5,000	500	>2,000	>5,000
TRM05M5	30	N	100	N	50	N	N	N	50	N	N	100	N	1,000	500	500	N
TRM05NM1	N	N	150	N	50	N	30	N	20	N	N	70	N	700	N	>2,000	N
TRM06M1	200	20	>2,000	N	50	30	300	N	0	N	1,500	150	N	>5,000	500	>2,000	>5,000
TRM06M5	70	20	150	N	70	N	N	N	50	N	N	200	N	2,000	N	1,000	N
TRM06NM1	N	N	<50	N	N	N	20	N	20	N	N	70	N	700	N	>2,000	N
TRM07M1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TRM07M5	30	N	200	N	<50	N	N	N	100	N	N	50	N	700	N	2,000	N
TRM07NM1	N	N	<50	N	N	N	30	N	20	N	N	30	N	700	N	>2,000	N
TRM08M1	50	<10	>2,000	N	50	<10	700	N	0	N	N	70	N	>5,000	500	>2,000	>5,000
TRM08M5	30	<10	500	N	100	N	N	N	70	N	N	50	N	3,000	N	>2,000	N
TRM08NM1	N	N	200	N	N	N	30	N	30	N	N	50	N	1,500	N	>2,000	N
TRM09M1	20	N	>2,000	N	50	N	700	N	0	N	N	50	N	>5,000	500	>2,000	>5,000
TRM09M5	50	10	200	N	150	N	N	N	30	N	N	70	N	3,000	N	500	N
TRM09NM1	N	N	70	N	N	N	30	N	30	N	N	30	N	1,000	N	>2,000	N
TRM10M1	200	20	>2,000	N	50	N	700	N	0	N	N	70	N	>5,000	500	>2,000	>5,000
TRM10M5	30	<10	300	N	50	N	N	N	70	N	N	100	N	3,000	N	1,500	N
TRM10NM1	20	N	150	N	N	N	30	N	50	N	N	150	N	1,000	N	>2,000	N
TRM11M1	200	<10	>2,000	N	50	<10	700	N	0	N	N	100	N	>5,000	500	>2,000	>5,000
TRM11M5	20	N	150	N	<50	N	N	N	70	N	N	70	N	700	N	700	N
TRM11NM1	N	N	50	N	N	N	30	N	10	300	N	50	N	500	N	>2,000	N
TRM12M1	100	50	>2,000	N	50	N	700	N	0	N	N	70	N	>5,000	500	>2,000	>5,000
TRM12M5	20	N	70	N	<50	N	N	N	50	N	N	50	N	1,000	N	100	N
TRM12NM1	N	N	50	N	N	N	30	N	20	N	N	70	N	1,000	N	>2,000	N
TRM13M1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TRM13M5	30	20	150	N	<50	N	N	N	50	N	<200	100	N	1,000	N	200	N
TRM13NM1	20	<10	>2,000	N	N	N	50	N	50	N	N	100	N	1,500	N	>2,000	1,000
TRM14M1	100	<10	>2,000	N	N	N	200	N	0	N	N	30	N	>5,000	500	>2,000	2,000
TRM14M5	30	<10	100	N	50	N	N	N	50	N	N	70	N	700	500	200	<200
TRM14NM1	30	<10	200	N	50	N	20	N	15	N	N	100	N	700	N	>2,000	N

Tray Mountain-Chattahoochee-Blood Mountain(TCB),Panned Concentrates

Sample	Latitude	Longitud	S-FEX	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA	S-BE	S-BI	S-CD	S-CO
TRM15M1	34 46 56	83 43 57	7.00	2.00	1.50	1.00	1,500	N	N	N	700	<50	15	N	N	50
TRM15M5	34 46 56	83 43 57	20.00	1.50	.70	2.00	>10,000	N	N	N	20	N	N	N	N	20
TRM15NM1	34 46 56	83 43 57	.50	.10	<.10	>2.00	50	N	N	N	1,000	<50	N	N	N	N
TRM16M1	34 46 56	83 43 57	7.00	3.00	1.00	>2.00	1,000	N	N	N	500	N	7	N	N	30
TRM16M5	34 46 56	83 43 57	30.00	1.50	.50	>2.00	>10,000	N	N	N	20	N	N	N	N	30
TRM16NM1	34 46 56	83 43 57	.20	.05	<.10	>2.00	30	N	N	N	20	<50	N	N	N	<10
TRM17M1	34 48 28	83 43 25	7.00	1.00	1.00	1.00	700	N	N	N	700	<50	10	N	N	20
TRM17M5	34 48 28	83 43 25	50.00	1.00	.50	2.00	10,000	N	N	N	<20	N	N	N	N	15
TRM17NM1	34 48 28	83 43 25	.30	.05	<.10	>2.00	50	N	N	N	50	<50	N	N	N	N
TRM18M1	34 48 50	83 43 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TRM18M5	34 48 50	83 43 15	30.00	1.50	.50	1.00	>10,000	N	N	N	<20	N	N	N	N	15
TRM18NM1	34 48 50	83 43 15	.50	.07	<.10	1.00	50	N	N	N	20	<50	N	N	N	N
TRM19M1	34 48 50	83 43 15	7.00	1.50	.70	1.00	1,000	N	N	N	300	N	10	N	N	50
TRM19M5	34 48 50	83 43 15	30.00	1.50	.70	.70	>10,000	N	N	N	<20	N	N	N	N	10
TRM19NM1	34 48 50	83 43 15	.50	.05	.15	>2.00	50	N	N	N	30	50	N	N	N	N
TRM20M1	34 49 18	83 44 5	1.50	.50	.20	1.00	500	N	N	N	700	N	5	N	N	N
TRM20M5	34 49 18	83 44 5	30.00	1.50	1.00	2.00	>10,000	N	N	N	20	N	N	N	N	30
TRM20NM1	34 49 18	83 44 5	.30	.05	.10	>2.00	50	10	N	N	150	<50	N	N	N	N
TRM21M1	34 49 26	83 43 17	5.00	1.00	.20	1.00	1,000	N	N	N	200	N	7	N	N	30
TRM21M5	34 49 26	83 43 17	30.00	1.50	1.00	1.00	>10,000	N	N	N	20	N	N	N	N	20
TRM21NM1	34 49 26	83 43 17	.30	.05	.10	>2.00	50	N	N	N	30	<50	N	N	N	N
TRM23M1	34 49 22	83 40 13	.70	.15	.20	.20	70	N	N	N	30	N	<2	N	N	20
TRM23M5	34 49 22	83 40 13	30.00	1.00	1.00	>2.00	>10,000	N	N	N	20	N	N	N	N	20
TRM23NM1	34 49 22	83 40 13	<.10	<.05	.15	.50	50	N	N	N	20	<50	N	N	N	N
TRM24M1	34 49 48	83 40 19	.50	.07	.15	1.00	30	N	N	N	20	N	N	N	N	20
TRM24M5	34 49 48	83 40 19	30.00	1.50	.50	2.00	>10,000	N	N	N	<20	N	N	N	N	20
TRM24NM1	34 49 48	83 40 19	<.10	<.05	<.10	1.00	70	N	N	N	20	70	N	N	N	N
TRM25M1	34 50 0	83 40 49	.50	.50	.15	1.00	70	N	N	N	20	N	N	N	N	30
TRM25M5	34 50 0	83 40 49	30.00	1.00	.50	>2.00	>10,000	N	N	N	20	N	N	N	N	20
TRM25NM1	34 50 0	83 40 49	<.10	<.05	<.10	2.00	<20	N	N	N	20	<50	<2	N	N	N
TRM26M1	34 49 45	83 41 5	1.00	.20	.15	1.00	1,000	N	N	N	50	N	<2	N	N	20
TRM26M5	34 49 45	83 41 5	20.00	1.00	.50	2.00	10,000	N	N	N	<20	N	N	N	N	15
TRM26NM1	34 49 45	83 41 5	<.10	<.05	.10	.70	20	N	N	N	20	<50	<2	N	N	N
TRM27M1	34 50 18	83 42 37	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TRM27M5	34 50 18	83 42 37	30.00	2.00	.70	.50	>10,000	N	N	N	<20	N	N	N	N	15
TRM27NM1	34 50 18	83 42 37	.15	.05	.30	>2.00	50	N	N	N	20	50	<2	N	N	N
TRM28M1	34 51 51	83 41 22	1.00	.10	.15	>2.00	150	N	N	N	20	N	N	N	N	N
TRM28M5	34 51 51	83 41 22	20.00	1.00	.30	>2.00	7,000	N	N	N	<20	N	N	N	N	30
TRM28NM1	34 51 51	83 41 22	<.10	<.05	<.10	2.00	<20	N	N	N	20	<50	<2	N	N	N
TRM29M1	34 51 46	83 41 13	1.00	.05	.15	>2.00	100	N	N	N	20	N	N	N	N	N

Tray Mountain-Chattahoochee-Blood Mountain(TCB),Panned Concentrates

Sample	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	S-ZR	S-TH
TRM15M1	300	20	>2,000	N	50	30	200	N	0	N	N	100	N	>5,000	500	>2,000	2,000
TRM15M5	50	10	70	N	50	N	N	N	70	N	N	100	N	700	700	300	<200
TRM15NM1	50	<10	100	N	70	N	<20	N	10	N	N	100	N	100	500	>2,000	N
TRM16M1	700	<10	>2,000	N	50	50	300	N	0	N	N	150	N	>5,000	500	>2,000	>5,000
TRM16M5	70	<10	200	N	50	N	N	N	50	N	N	150	N	1,000	700	1,000	<200
TRM16NM1	50	N	100	N	70	N	20	N	20	<20	N	150	N	500	N	>2,000	N
TRM17M1	200	<10	>2,000	N	50	<10	500	N	0	N	N	100	N	>5,000	500	>2,000	>5,000
TRM17M5	30	<10	150	N	<50	N	N	N	30	N	N	100	N	700	500	700	N
TRM17NM1	30	N	700	N	50	N	20	N	10	N	N	100	N	300	500	>2,000	N
TRM18M1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TRM18M5	30	N	70	N	<50	N	N	N	50	N	N	50	N	200	N	300	N
TRM18NM1	50	N	100	N	N	N	20	N	10	N	N	100	N	200	N	>2,000	N
TRM19M1	200	<10	>2,000	N	50	N	500	N	0	N	N	150	N	>5,000	500	>2,000	>5,000
TRM19M5	50	N	70	N	N	N	N	N	70	N	N	50	N	500	N	300	N
TRM19NM1	50	N	150	N	50	N	20	N	20	N	N	100	N	500	700	>2,000	N
TRM20M1	70	<10	>2,000	N	50	N	700	N	0	N	N	50	N	>5,000	500	>2,000	>5,000
TRM20M5	50	10	1,000	N	50	N	<20	N	100	N	N	100	N	700	N	>2,000	200
TRM20NM1	50	N	500	N	50	N	30	N	20	N	N	150	N	500	N	>2,000	N
TRM21M1	200	<10	>2,000	N	50	<10	500	N	0	N	N	100	N	>5,000	500	>2,000	>5,000
TRM21M5	30	N	500	N	<50	N	N	N	100	N	N	70	N	700	N	2,000	200
TRM21NM1	30	N	>2,000	N	50	N	30	N	30	N	N	100	N	1,000	1,000	>2,000	N
TRM23M1	N	<10	>2,000	N	N	N	700	N	0	N	N	<20	N	>5,000	500	>2,000	>5,000
TRM23M5	50	<10	1,000	N	50	N	N	N	70	N	N	70	N	700	N	>2,000	200
TRM23NM1	N	N	>2,000	N	N	10	50	N	50	N	N	20	N	1,000	N	>2,000	<200
TRM24M1	N	N	>2,000	N	50	N	700	N	0	N	N	<20	N	>5,000	500	>2,000	>5,000
TRM24M5	50	N	2,000	N	50	N	20	N	100	N	N	50	N	700	N	>2,000	500
TRM24NM1	N	N	>2,000	N	N	10	30	N	50	N	N	50	N	1,000	N	>2,000	500
TRM25M1	N	<10	>2,000	N	50	N	700	N	0	N	N	30	N	>5,000	500	>2,000	>5,000
TRM25M5	50	<10	>2,000	N	50	N	20	N	70	N	N	50	N	1,000	N	>2,000	700
TRM25NM1	N	N	>2,000	N	N	<10	30	N	30	N	N	50	N	1,000	N	>2,000	200
TRM26M1	20	20	>2,000	N	50	N	700	N	0	N	N	50	N	>5,000	500	>2,000	>5,000
TRM26M5	20	N	150	N	<50	N	N	N	30	N	N	70	N	200	500	100	N
TRM26NM1	N	N	1,000	N	N	N	30	N	15	N	N	30	N	500	N	>2,000	N
TRM27M1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TRM27M5	30	N	100	N	N	N	N	N	100	N	N	70	N	500	N	200	N
TRM27NM1	30	N	300	N	70	N	20	N	10	N	N	150	N	200	N	>2,000	N
TRM28M1	50	<10	>2,000	N	50	N	700	N	0	N	N	100	N	>5,000	500	>2,000	>5,000
TRM28M5	30	15	500	N	100	N	N	N	30	N	N	100	N	200	N	>2,000	200
TRM28NM1	<20	N	>2,000	N	50	N	30	N	20	N	N	50	N	1,000	N	>2,000	500
TRM29M1	50	<10	>2,000	N	50	N	500	N	0	N	N	150	N	>5,000	500	>2,000	>5,000

Tray Mountain-Chattahoochee-Blood Mountain(TCB),Panned Concentrates

Sample	Latitude	Longitud	S-FE%	S-MG%	S-CA%	S-TI%	S-MN	S-AG	S-AS	S-AU	S-B	S-BA	S-BE	S-BI	S-CD	S-CO
TRM29M5	34 51 46	83 41 13	30.00	1.00	.50	>2.00	10,000	N	N	N	<20	N	N	N	N	20
TRM29NM1	34 51 46	83 41 13	<.10	<.05	<.10	>2.00	20	N	N	N	20	N	<2	N	N	N
TRM30M1	34 51 58	83 41 4	.70	.05	2.00	>2.00	150	N	N	N	<20	N	N	N	N	N
TRM30M5	34 51 58	83 41 4	30.00	1.00	.50	>2.00	10,000	N	N	N	20	N	N	N	N	20
TRM30NM1	34 51 58	83 41 4	<.10	<.05	<.10	>2.00	30	N	N	N	20	<50	<2	N	N	N
TRM31M1	34 51 48	83 40 47	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TRM31M5	34 51 48	83 40 47	50.00	1.00	.50	>2.00	>10,000	N	N	N	<20	N	N	N	N	30
TRM31NM1	34 51 48	83 40 47	<.10	<.05	.10	2.00	20	N	N	N	20	<50	<2	N	N	N
TRM32M1	34 51 55	83 40 41	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TRM32M5	34 51 55	83 40 41	50.00	1.00	1.00	>2.00	>10,000	N	N	N	20	<50	N	N	N	20
TRM32NM1	34 51 55	83 40 41	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TRM33M1	34 51 37	83 42 15	1.50	.07	.10	>2.00	300	N	N	N	<20	N	N	N	N	N
TRM33M5	34 51 37	83 42 15	50.00	1.50	.50	>2.00	10,000	N	N	N	20	N	N	N	N	30
TRM33NM1	34 51 37	83 42 15	<.10	<.05	<.10	>2.00	20	N	N	N	20	<50	N	N	N	N
TRM34M1	34 51 31	83 38 46	.50	.05	.30	1.00	200	N	N	N	<20	N	N	N	N	N
TRM34M5	34 51 31	83 38 46	30.00	.70	.20	>2.00	>10,000	N	N	N	N	N	N	N	N	20
TRM34NM1	34 51 31	83 38 46	.10	<.05	<.10	2.00	200	N	N	N	<20	50	N	<20	N	N
TRM35M1	34 51 31	83 38 46	5.00	.30	2.00	.70	2,000	N	N	N	<20	N	N	N	N	50
TRM35M5	34 51 31	83 38 46	30.00	.50	.20	>2.00	>10,000	N	N	N	20	N	N	N	N	20
TRM35NM1	34 51 31	83 38 46	<.10	<.05	<.10	.70	20	N	N	N	20	<50	<2	N	N	N
TRM36M1	34 51 41	83 37 59	2.00	.50	3.00	.70	500	N	N	N	20	N	N	N	N	N
TRM36M5	34 51 41	83 37 59	50.00	.15	.10	>2.00	>10,000	N	N	N	<20	N	N	N	N	20
TRM36NM1	34 51 41	83 37 59	<.10	<.05	.10	1.00	50	N	N	N	20	<50	<2	N	N	N
TRM37M1	34 51 45	83 38 25	10.00	.70	5.00	>2.00	2,000	N	N	N	N	N	<2	N	N	30
TRM37M5	34 51 45	83 38 25	30.00	.50	.15	>2.00	10,000	N	N	N	<20	N	N	N	N	50
TRM37NM1	34 51 45	83 38 25	.10	<.05	.10	2.00	30	N	N	N	20	<50	<2	N	N	N

Tray Mountain-Chattahoochee-Blood Mountain(TCB),Panned Concentrates

Sample	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	S-ZR	S-TH
TRM29M5	50	10	1,000	N	70	N	N	N	70	N	N	100	N	500	N	>2,000	200
TRM29NM1	20	<10	100	N	70	N	7,000	N	20	N	N	150	N	300	N	>2,000	N
TRM30M1	20	<10	>2,000	N	50	N	700	N	0	N	N	50	N	>5,000	500	>2,000	>5,000
TRM30M5	50	10	300	N	150	N	N	N	50	N	N	100	N	700	N	1,500	<200
TRM30NM1	N	N	500	N	<50	N	30	N	30	N	N	70	N	700	N	>2,000	N
TRM31M1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TRM31M5	50	10	700	N	70	N	N	N	50	N	N	100	N	500	N	>2,000	<200
TRM31NM1	N	N	500	N	<50	N	20	N	30	N	N	70	N	500	N	>2,000	N
TRM32M1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TRM32M5	70	10	50	N	100	N	N	N	70	N	N	100	N	700	N	1,000	<200
TRM32NM1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TRM33M1	100	20	>2,000	N	50	N	700	N	0	N	N	200	N	>5,000	500	>2,000	>5,000
TRM33M5	50	15	1,000	N	150	N	N	N	50	N	N	150	N	500	N	>2,000	200
TRM33NM1	30	N	>2,000	N	70	N	30	N	20	N	N	200	N	500	N	>2,000	200
TRM34M1	N	N	>2,000	N	N	N	700	N	N	N	N	20	N	>5,000	500	>2,000	>5,000
TRM34M5	30	<10	1,000	N	100	N	N	N	30	N	N	70	N	700	N	>2,000	200
TRM34NM1	<20	N	1,000	N	N	N	30	N	20	N	N	50	N	1,000	N	>2,000	<200
TRM35M1	20	<10	>2,000	N	50	N	500	N	0	N	N	30	N	>5,000	500	>2,000	>5,000
TRM35M5	30	<10	200	N	70	N	N	N	20	N	N	70	N	700	N	>2,000	N
TRM35NM1	N	N	>2,000	N	N	N	30	N	30	N	N	20	N	700	N	>2,000	<200
TRM36M1	50	<10	>2,000	N	50	N	700	N	0	N	N	50	N	>5,000	500	>2,000	>5,000
TRM36M5	50	10	200	N	50	N	N	N	15	N	N	100	N	300	N	>2,000	N
TRM36NM1	N	N	200	N	N	N	30	N	50	N	N	30	N	700	N	>2,000	N
TRM37M1	70	<10	>2,000	N	50	50	500	N	0	N	500	100	N	>5,000	500	>2,000	>5,000
TRM37M5	70	10	150	N	100	N	N	N	20	N	N	70	N	300	N	>2,000	N
TRM37NM1	N	N	70	N	N	N	30	N	50	N	N	50	N	700	N	>2,000	N

Tray Mountain Chattahoochee-Blood Mountain(TCB), Rocks

Sample	X coordinate	Y coordinate	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Al-ppm s	AU-ppm s	Si-ppm s	ba-ppm s	Ber-ppt s
N444	--	--	7.0	1.50	.30	.500	500	N	N	<10	1,000	2
N445	--	--	.1	.03	<.05	.007	<10	N	N	N	20	N
N392	--	--	5.0	1.50	1.00	.500	500	N	N	N	1,000	2
N389	--	--	7.0	1.00	1.50	.300	500	N	N	N	700	3
N451	--	--	10.0	7.00	2.00	.150	1,000	N	N	<10	N	N
N429	--	--	15.0	5.00	5.00	.300	700	N	N	15	N	<1
N435	--	--	2.0	.02	.10	.150	300	N	N	<10	20	<1
N433	--	--	7.0	5.00	1.00	.150	1,000	N	N	<10	20	<1
N434	--	--	10.0	1.50	<.05	.300	300	N	N	30	700	2
N432	--	--	15.0	5.00	1.00	.200	700	N	N	30	N	<1
N431	--	--	7.0	1.50	1.00	.500	700	N	N	10	1,500	3
N449	--	--	.2	.07	<.05	.020	<10	N	N	N	30	N
N326	--	--	10.0	1.50	1.50	.500	1,000	N	N	50	1,500	2
N430	--	--	10.0	1.50	1.50	.700	700	N	N	20	700	2
N503	--	--	10.0	2.00	.30	.300	700	N	N	15	700	1
N459A	--	--	5.0	.50	.07	.700	100	N	N	N	1,000	1
N4595	--	--	15.0	.30	.20	.300	150	N	N	20	300	1
N465	--	--	7.0	.70	<.05	.500	200	N	N	<10	700	1
N466	--	--	10.0	.30	<.05	.500	300	N	N	10	200	1
N467	--	--	7.0	.20	<.05	.300	150	N	N	N	100	/
N471	--	--	7.0	1.50	.07	.300	300	N	N	<10	700	2
N424	--	--	10.0	3.00	.50	.500	1,000	N	N	<10	300	N
N427	--	--	15.0	1.50	1.50	.700	500	N	N	<10	1,000	1
N436	--	--	15.0	1.50	1.00	.700	700	N	N	<10	1,000	2
N431	--	--	7.0	1.00	1.50	.500	500	N	N	<10	500	3
N453	--	--	7.0	1.00	1.50	.500	500	N	N	N	1,500	1
N464	--	--	10.0	1.00	1.00	.700	700	N	N	20	150	1
N497	--	--	7.0	1.00	2.00	.500	700	N	N	<10	700	3
N493	--	--	7.0	1.00	.70	.500	500	N	N	<10	700	1
N461	--	--	7.0	2.00	1.00	.300	500	N	N	N	700	2
N271	--	--	7.0	1.50	2.00	.300	700	N	N	<10	1,000	7
N492	--	--	5.0	1.50	.15	.300	500	N	N	<10	1,500	2
N490	--	--	5.0	1.50	.30	.300	700	N	N	<10	1,000	2
N489	--	--	7.0	1.00	.30	.200	300	N	N	<10	700	1
N488	--	--	5.0	1.00	.30	.200	500	N	N	N	1,000	1
N485	--	--	1.0	.30	.20	.500	30	N	N	N	1,000	1
N467	--	--	7.0	1.00	2.00	.300	700	N	N	<10	500	3
N414	--	--	7.0	1.00	.30	.300	300	N	N	10	1,500	2
N413	--	--	7.0	.70	1.00	.500	700	N	N	<10	1,500	3
N477	--	--	.5	.15	.30	.050	15	N	N	N	1,500	1
N474	--	--	3.0	.02	N	.150	30	N	N	N	20	N
N403	--	--	3.0	.50	1.00	.200	1,000	N	N	<10	300	3
N448	--	--	7.0	1.50	.15	.200	1,000	N	N	<10	500	1
N447	--	--	2.0	.50	.20	.150	150	N	N	N	500	3
N402	--	--	7.0	1.00	.70	.300	300	N	N	N	1,000	1

TABLE 4

Sample	Si-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mn-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s
N444	N	N	10	100	30	100	N	N	20	30	N	20	N
N445	N	N	N	10	7	N	N	N	7	<10	N	N	N
N392	N	N	5	70	N	20	N	N	7	10	N	15	N
N389	N	N	10	100	20	50	N	N	20	20	N	15	N
N451	N	N	50	1,500	50	N	N	N	500	<10	N	15	N
N429	N	N	30	200	300	N	N	N	100	<10	N	30	N
N435	N	N	N	50	20	N	N	N	7	<10	N	10	N
N433	N	N	30	1,500	30	N	N	N	300	N	N	15	N
N434	N	N	10	200	50	150	N	20	30	70	N	15	10
N432	N	N	70	3,000	70	N	N	N	700	N	N	15	N
N431	N	N	15	100	5	50	N	20	30	30	N	15	N
N449	N	N	N	10	N	N	N	N	7	<10	N	N	N
N326	N	N	10	150	20	300	N	N	15	30	N	20	10
N450	N	N	20	150	50	50	N	N	50	20	N	20	N
N503	N	N	20	150	50	150	N	N	50	20	N	15	<10
N459A	N	N	N	70	20	50	N	50	7	30	N	15	N
N459B	N	N	5	70	20	20	N	N	7	<10	N	10	<10
N465	N	N	20	100	100	150	N	N	100	20	N	15	N
N466	N	N	10	70	70	50	N	N	70	30	N	15	N
N467	N	N	N	70	100	100	N	N	7	10	N	10	N
N471	N	N	15	100	300	100	N	N	30	50	N	15	N
N424	N	N	10	150	20	100	N	N	20	20	N	15	<10
N427	N	N	20	100	70	50	N	10	30	20	N	15	N
N456	N	N	15	150	50	20	N	N	50	20	N	30	N
N481	N	N	15	70	7	50	N	10	30	30	N	15	N
N483	N	N	10	100	30	100	N	10	7	30	N	15	N
N484	N	N	15	200	<5	200	N	70	50	10	N	20	N
N497	N	N	10	100	15	50	N	N	15	20	N	15	N
N493	N	N	15	100	20	20	N	N	30	20	N	15	N
N461	N	N	10	70	7	50	N	20	10	20	N	20	N
N271	N	N	15	100	100	150	N	N	50	30	N	20	N
N472	N	N	10	150	70	200	N	N	10	70	N	15	N
N490	N	N	10	100	50	150	N	N	10	30	N	20	N
N439	N	N	5	150	70	150	N	N	15	30	N	10	N
N488	N	N	10	100	30	50	N	N	20	30	N	15	N
N435	N	N	N	10	20	N	N	N	7	30	N	N	N
N487	N	N	10	100	20	20	N	N	30	30	N	15	N
N414	N	N	5	150	30	200	N	N	10	30	N	15	N
N413	N	N	10	100	7	20	N	N	30	30	N	15	N
N477	N	N	N	10	<5	N	N	N	7	100	N	N	N
N474	N	N	N	30	5	N	N	N	5	10	N	5	N
N403	N	N	5	70	7	100	N	N	7	20	N	15	N
N448	N	N	10	150	50	50	N	N	30	20	N	10	N
N447	N	N	5	30	30	50	N	N	10	30	N	5	N
N402	N	N	10	70	30	150	N	N	20	30	N	15	N

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
N444	<100	150	N	70	<200	300	N
N445	N	N	N	N	N	N	N
N392	100	50	N	50	N	700	N
N369	500	50	N	70	N	500	N
N451	<100	70	N	10	200	20	N
N429	<100	300	N	30	N	50	N
N435	N	20	N	N	N	50	N
N433	N	100	N	10	200	50	N
N434	<100	150	N	50	300	100	N
N432	N	150	N	20	200	20	N
N431	300	100	N	50	N	500	N
N449	N	N	N	N	N	N	N
N326	100	100	N	150	200	300	N
N430	200	100	N	70	<200	500	N
N503	100	100	N	70	200	300	N
N4594	N	50	N	30	N	1,000	N
N4595	<100	30	N	10	N	200	N
N465	N	100	N	30	<200	700	N
N466	N	150	N	70	N	700	N
N467	N	100	N	30	N	300	N
N471	<100	100	N	100	200	700	N
N424	<100	150	N	70	300	200	N
N427	500	150	N	70	<200	700	N
N436	200	150	N	150	200	1,000	N
N421	300	50	N	50	N	200	N
N483	300	100	N	70	N	700	N
N484	100	150	N	150	N	70	N
N497	300	50	N	50	N	100	N
N493	200	100	N	30	N	500	N
N461	200	50	N	100	N	700	N
N271	300	150	N	70	N	200	N
N492	<100	100	N	70	200	200	N
N490	100	100	N	50	200	300	N
N489	100	100	N	30	<200	100	N
N485	200	100	N	30	200	100	N
N485	100	10	N	N	N	N	N
N487	300	70	N	50	200	100	N
N414	200	150	N	50	N	100	N
N413	300	100	N	30	<200	500	N
N477	300	15	N	10	N	70	N
N474	N	20	N	20	N	50	N
N403	200	50	N	50	N	500	N
N448	<100	100	N	20	300	100	N
N447	100	30	N	10	N	100	N
N402	200	70	N	50	<200	200	N

Tray Mountain Chattahoochee-Blood Mountain(TCB), Rocks

Sample	X coordinate	Y coordinate	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
N412	--	--	5.0	.70	.50	.300	200	N	N	N	N	500	2
N411	--	--	7.0	1.00	.50	.300	700	N	N	N	10	1,000	10
N457	--	--	10.0	3.00	3.00	.200	700	N	N	N	10	<20	1
N409	--	--	7.0	1.50	.15	.300	500	N	N	N	<10	700	2

Tray Mountain Chattahoochee-Blood Mountain(TCB), Rocks

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
N412	N	N	10	70	20	50	N	N	10	20	N	10	N
N411	N	N	15	100	30	N	N	N	30	30	N	15	<10
N457	N	N	30	300	5	N	N	N	70	20	N	30	N
N409	N	N	5	200	70	150	N	N	15	30	N	20	<10

Tray Mountain Chattahoochee-Blood Mountain(TCB), Rocks

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
N412	100	70	N	30	N	500	N
N411	100	100	N	50	200	200	N
N457	100	200	N	20	<200	20	N
N409	<100	150	N	70	300	100	N