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Stream-Sediment and Panned-Concentrate Geochemical Surveys for Gold in Precambrian Rock, Western Grand Canyon, Arizona

by

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INTRODUCTION

Gold occurrences in Proterozoic rock of the Grand Wash Cliffs (fig. 1), the western margin of the Colorado Plateau, have been known since 1880. Several gold districts--the Music Mountain, Gold Basin, and Lost Basin districts--lie along the lower western edge of the Grand Wash Cliffs. The gold mineralization occurred within high angle NW-trending, NE-dipping quartz veins, probably Mesozoic in age, which cut Proterozoic rocks of granite, schist, and gneiss. The veins vary from a few inches to 4-5 ft in width. Some of the veins are located along margins of diabase dikes. Other quartz veins occur along shear zones, parallel to but offset from, the dikes. The veins are generally quartz rich and contain abundant iron oxide near the surface; below about 200 ft they contain locally abundant pyrite and galena (Schrader, 1909). Recorded production from the Gold Basin-Lost Basin mining districts between 1902 and 1942 includes 13,508 ounces of gold and 6,857 ounces of silver (Theodore and others, 1987). Production records are not available for the Music Mountain district, but prior to 1904, $20,000 worth of bullion was recovered (Schrader, 1909).

Lower Paleozoic sedimentary rocks bury most of the Precambrian rock on the Colorado Plateau, although exposures are present in the depths of the Grand Canyon and its tributaries. Similar Proterozoic rocks with NW-trending diabase dikes outcrop east of these mining districts on the Colorado Plateau in Milkweed and Spencer Canyons, Diamond Creek, and along the Colorado River gorge (fig. 1). Hence, in 1987 the U.S. Geological Survey began an exploration program aimed at searching for gold-quartz vein occurrences as part of a mineral assessment project on the Hualapai Indian Reservation. The reconnaissance stage of this study began in 1988 and involved stream-sediment and panned concentrate surveys of all drainages on the Reservation that dissect Precambrian rock. In 1989 detailed follow-up surveys were completed of two areas found during the reconnaissance survey to contain anomalous gold: (1) the 10 sections of land owned by the Hualapai Tribe, located west of the main Reservation boundary and adjacent (within 2 mi) to the Music Mountain mine, and (2) Diamond Creek and several of its tributaries.

The purpose of this report is to release data for these geochemical surveys. Data interpretation will follow in a later report.

GEOCHEMICAL SURVEYS

In 1988 a stream-sediment survey was completed for all drainages within Proterozoic rock on the Hualapai Reservation. One stream-sediment sample, sieved to less than 80 mesh, and one panned concentrate were collected from each of 269 sample sites during the reconnaissance survey. The initial sampling was done in March, 1988 and involved the collection of samples from 248 sites on the Hualapai Reservation, including the Diamond Creek, Granite Park, Peach Springs Canyon, Bridge Canyon, Spencer Canyon, Milkweed Canyon, and Quartermaster Canyon drainages, as well as the Music Mountain area north of the Music Mountain mine

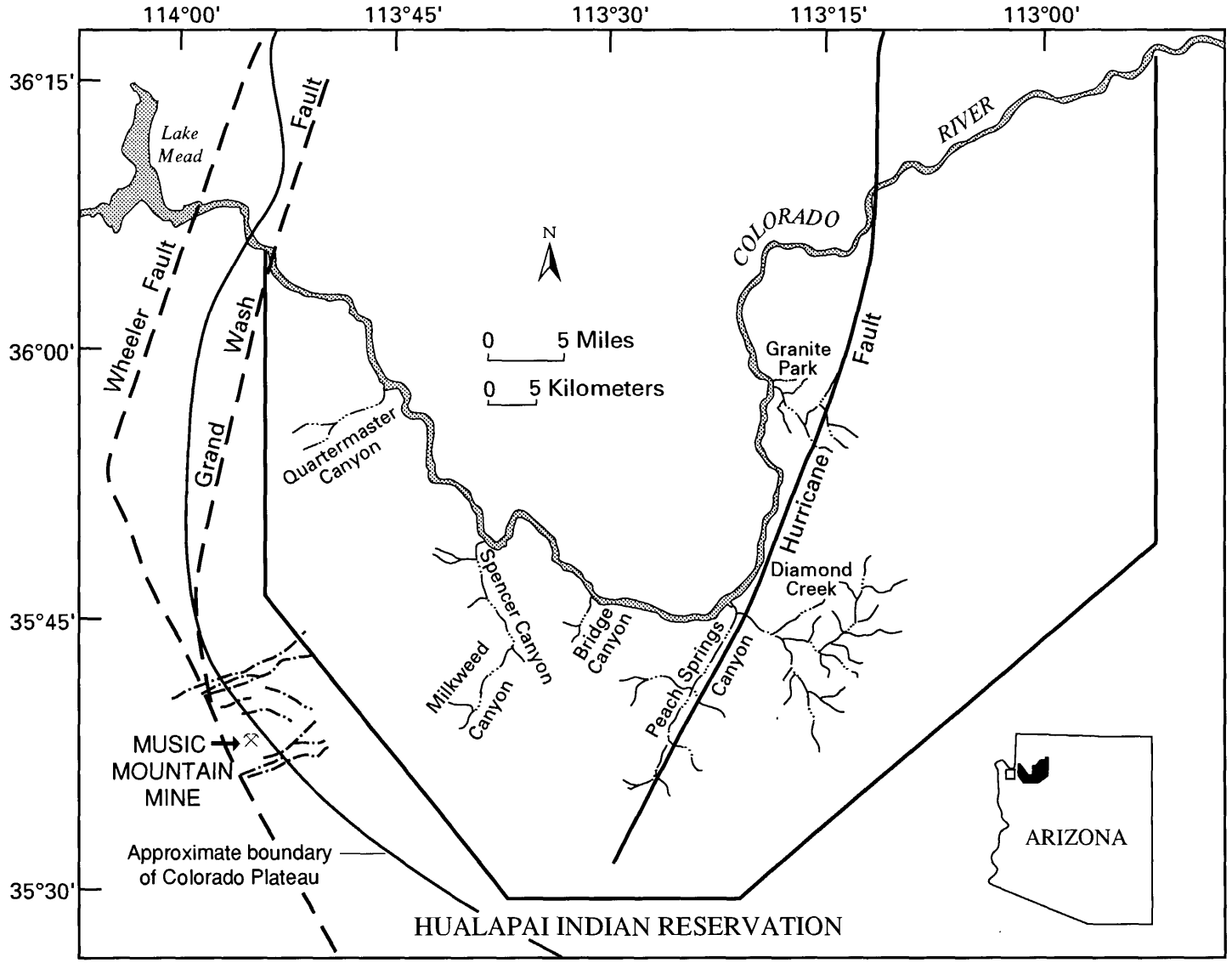
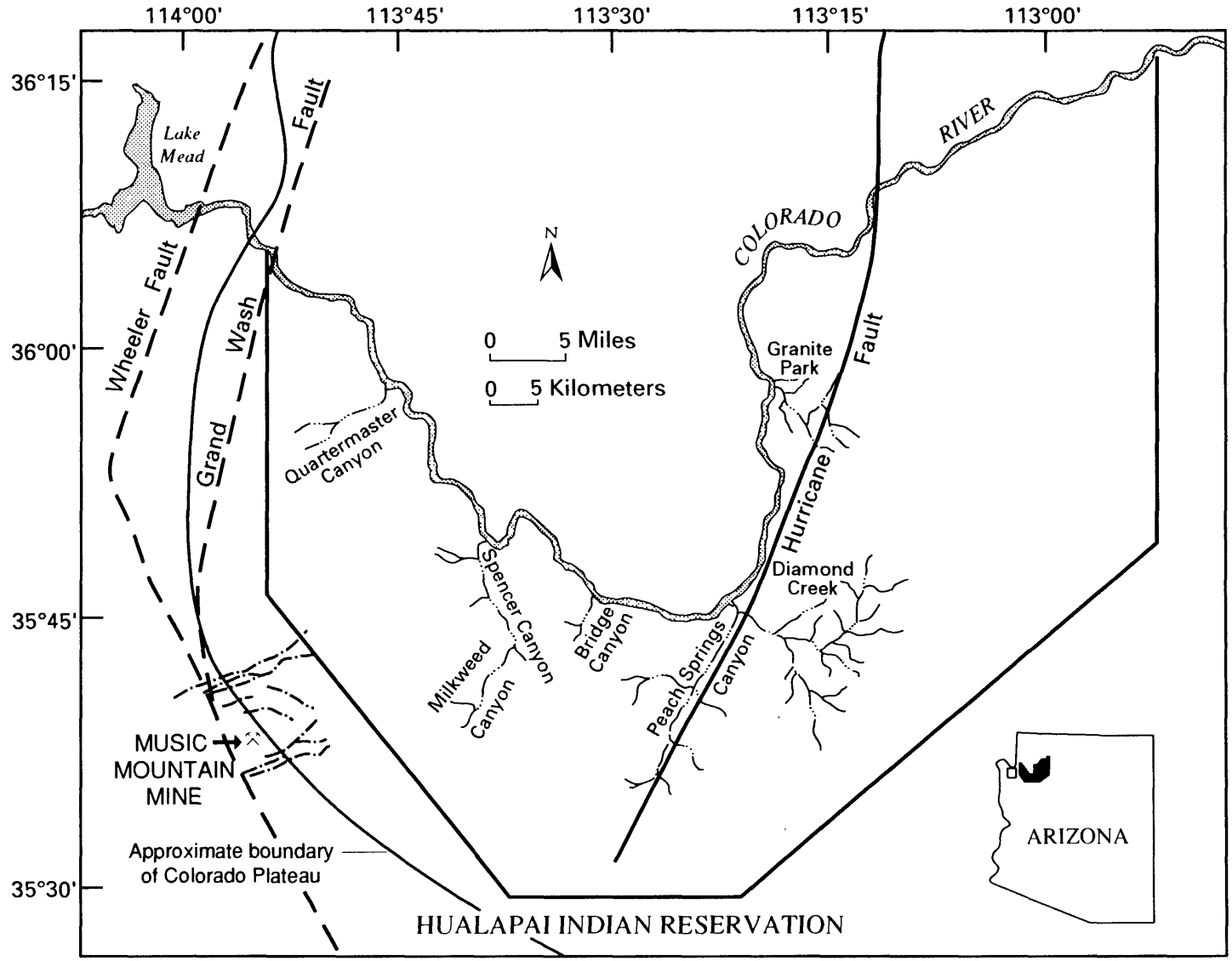


Figure 1. Drainages (stippled lines) along the south rim of the western Grand Canyon area containing Proterozoic rock, and sampled during this geochemical study. The drainages north of the Music Mountain mine are included within 10 alternating sections of Hualapai land located off the main portion of the reservation. The Hualapai Indian Reservation is bounded on the north by the Colorado River. Both the Grand Wash and Wheeler faults are buried beneath alluvium so their location is approximate. The Gold Basin-Lost Basin mining districts (small square on the inset map) are adjacent to, but off the western boundary of the figure.



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(fig. 1). The remaining reconnaissance samples from along the Colorado River gorge below Diamond Creek were collected in September, 1988 from tributaries just above their confluence with the Colorado River. Samples were collected along each of these main drainages at approximately 2000 ft intervals, and also in each tributary drainage above its confluence with the main drainage (but above levels of backflooding from the main drainage). In addition, several samples were collected from an area in Spencer Canyon where old hydraulic placer mining equipment (including a pump dated Aug. 9, 1921, 6 in. iron pipe, 4 in. fire hose, a large vise for clamping pipes, and a gasoline-driven engine) had been observed during past expeditions by G.H. Billingsley. Several samples were collected (and panned in Spencer Creek) from a pegmatite-veined shear zone within the Proterozoic granite that had apparently been worked with the hydraulic equipment. All panning was done on site in Arizona.

Most drainages were dry except for the perennial Diamond and Spencer Creeks. Sediment from dry channels was transported to camp, either at Diamond Creek or the Colorado River, where it was panned. Stream sediments were brought back to the laboratory and dry sieved to <80 mesh. Samples were split in the laboratory using a sample splitter to produce replicates for checking the analytical precision.

Both the Diamond Creek and Music Mountain areas yielded samples with anomalous Au and Ag concentrations. Subsequently, detailed stream-sediment surveys were made of these two areas during March, 1989. Sample collection was identical to that done during the reconnaissance survey except that the density of the 50 samples was greater--in some places as close as 300 ft. Two of the Diamond Creek stream-sediment samples were concentrated into "panned concentrates" through the use of a sluice (340G-Y89 and 341G-Y89).

ANALYTICAL METHODS

All samples were dried, and the stream sediments sieved to <80 mesh. The samples were then mailed to Geochemical Services, Inc (GSI) in Sparks, Nevada. The 1988 reconnaissance samples were analyzed in 1988, but due to a 1989 BIA termination of funding, the 1989 detailed samples were not analyzed until 1991. A 30 gm sample of each of the panned-concentrate and stream-sediment samples was analyzed by inductively coupled plasma-atomic emission spectroscopy (ICP) for Ag, Au, As, Bi, Cd, Cu, Ga, Hg, Mo, Pb, Pd, Pt, Rh, Sb, Se, Te, Tl, and Zn. In addition to these 18 elements, the 50 detailed samples were analyzed for Co, Fe, Mn, Ni, and V by ICP. For the detailed samples the entire panned concentrate was analyzed; for some samples this involved 4 separate 30 gm analyses, which were summed by exact weight to arrive at an average concentration.

According to William Henderson (personal commun., 1991) of GSI, their ICP method takes 30 gm of sample and uses a digestion chemistry that is an aggressive oxidizing acid procedure that GSI refers to as a "modified aqua regia." The organic extraction chemistry is a variation on the method developed by Clark and Viets (1981). The organic extract is analyzed by ICP with a direct reader employing interelement and background correlations.

For both the March, 1988 and September, 1988 samples the panned concentrates were submitted for gold, platinum and palladium determinations by fire assay. These were done using a well-rolled two "fire assay-ton" (60 gm) pulverized sample. Between March and September the laboratory improved their detection limits through the use of a "gravimetric finish" using a high precision micro-balance, so that the detection limits for the September samples (those with

field numbers between 252 and 293) are considerably lower than for the March samples. In addition, rhodium was determined in the September samples. Determinations of platinum, palladium, and rhodium were not repeated in the 1989 detailed survey because most 1988 samples contained values for these elements that are below the detection limit.

In several cases there was an insufficient amount of sample so that the analysis had to be made with less than the desired sample weight. Such a situation generally resulted in an increased detection limit.

RESULTS

Analytical results for these geochemical surveys are shown in Tables 1a (1988 panned concentrates), 1b (1988 stream sediments), 1c (1989 panned concentrates) and 1d (1989 stream sediments). The data are also presented on a diskette (Open-File Report 92-591B) in dbase III plus format, as four separate files, and as a single ASCII file. The entire report in Word Perfect 5.0 is also included on the disk. For the convenience of plotting the data with a computer, the latitude and longitude are presented in decimal degrees rather than degrees, minutes, seconds. The variations in detection limits between samples for many of the elements are generally a result of fluctuations in the matrix composition of the sample, particularly varying concentrations of elements such as iron. In cases of significant deviation (higher) from the other detection limits the cause was a smaller sample. Although the detection limit for Au by this ICP method was considered to be 0.2 ppb (0.0002 ppm), except for the 1988 panned concentrates where it was 0.5 ppb, some data are shown below this value--Bill Henderson (GSI) believes these numbers to be significant, although the data error is undoubtedly several times higher. These data below the 0.2 ppb level are reported primarily for statistical analysis because they are more meaningful numbers than those that would be arbitrarily substituted for "less than" data by most statistical programs.

The entire panned concentrate was analyzed for the 1989 samples. Because the maximum amount of sample that GSI could analyze by the ICP method was 30 gm, the sample had to be divided into multiple splits. J.C. Antweiler had strongly urged that all panned concentrates collected during this study be completely analyzed. His concerns were borne out in the striking "nugget effect" shown by the data from various splits of a single field sample. For instance: (1) in 2 splits from sample 176G-Y89 the Ag concentrations were 7 and 255 ppb; (2) in 4 splits from sample 328G-Y89 the Au concentrations were 1, 0.8, 267, and 0.9 ppb; and (3) in 2 splits from sample 340G-Y89 the Au concentrations were 78 and 1 ppb. The "nugget effect" was more pronounced in the Au results than in the Ag. The effect was minor for most other elements. However, Cd, Hg, Sb, Cu, Pb, and Zn showed more "nugget effect" than did As, Bi, Ga, Mo, Se, Te, and Tl.

The gold panned-concentrate results (ICP) for the 1988 reconnaissance surveys are shown plotted in figure 2. For drainage names refer to figure 1. For the most part, samples collected from drainages cutting Proterozoic rock just above the Colorado River show very low gold concentrations, commonly less than the 0.5 ppb detection limit. The highest gold concentrations are in Diamond Creek, the Music Mountain area, and Spencer Canyon (about three-quarters of a mile downstream from the old mining equipment). Unfortunately, the 7 samples (287G-Y88 to 293G-Y88) collected from the shear zone and adjacent gravels in Spencer Creek yielded low concentrations of Au (the highest was 5 ppb). Nevertheless, the early 20th century miners must have found more encouraging results to have

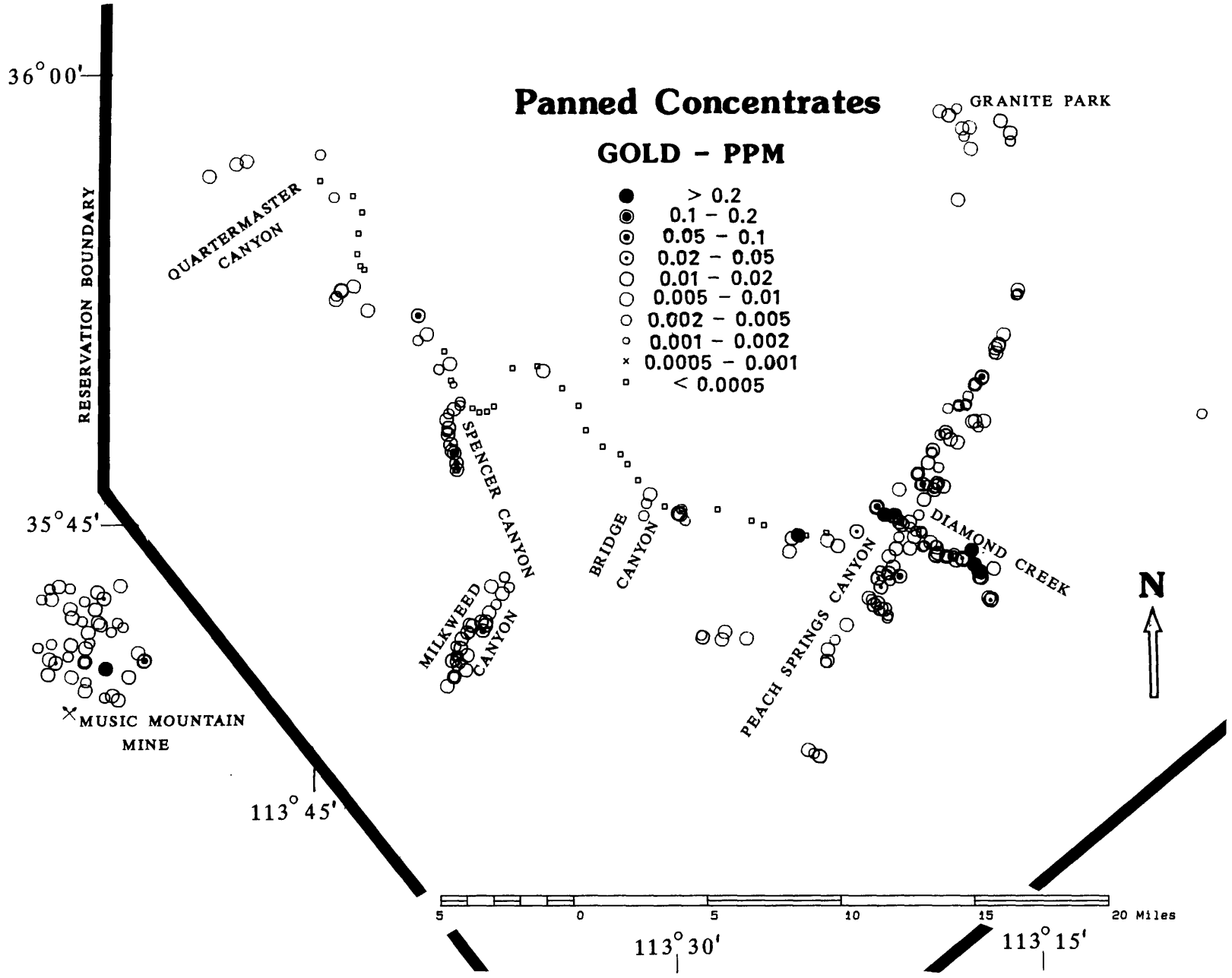

Figure 2. Geochemical map showing gold concentrations (by ICP) for panned concentrates from the 1988 reconnaissance survey. Note the particular concentration of anomalies in the Diamond Creek (fig. 1) area, specifically the upper part of Diamond Creek (see fig. 1 for drainage names). The northern-most anomalous sample in the upper part of Diamond Creek contained 528 ppm gold.

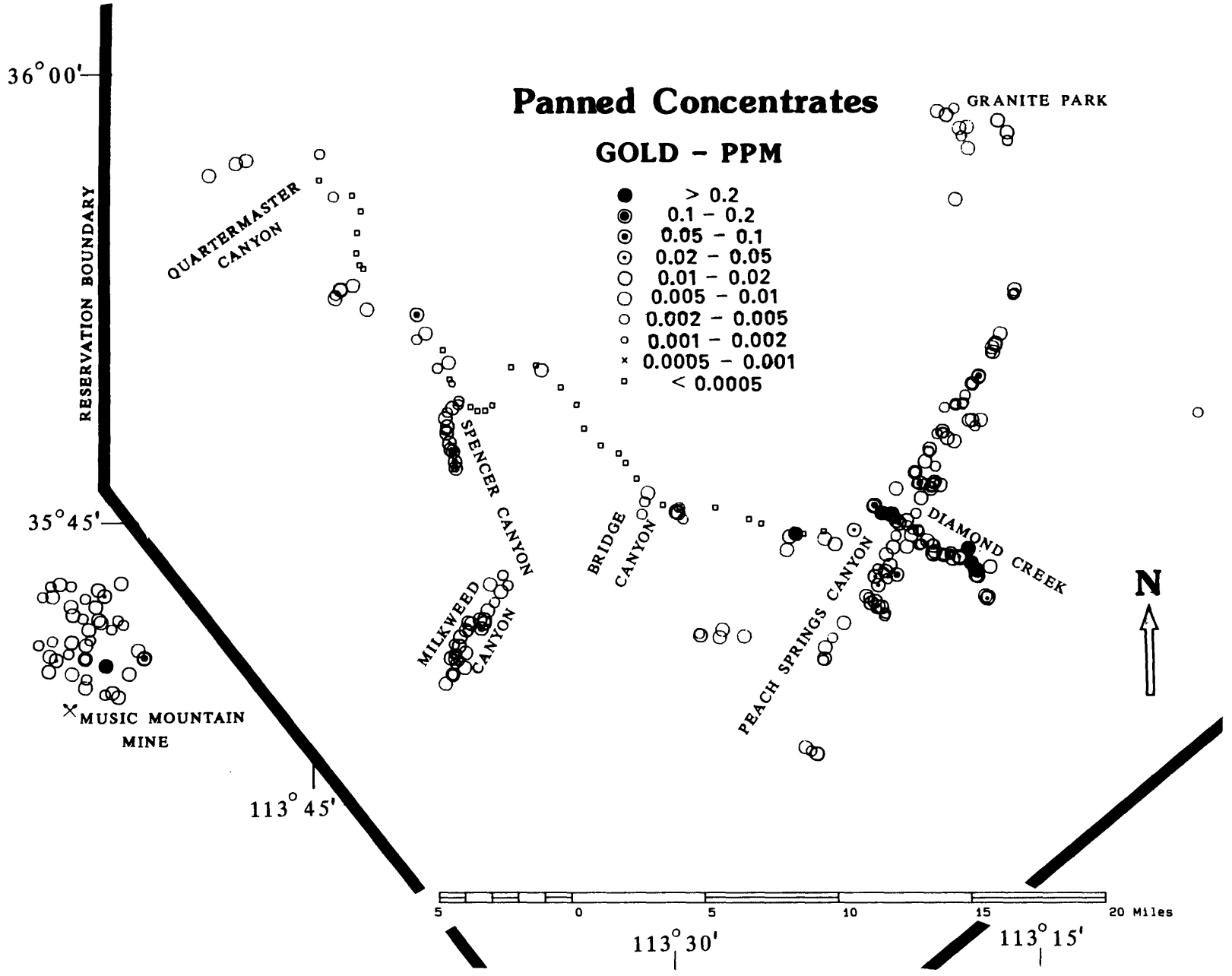

Figure 2. Geochemical map showing gold concentrations (by ICP) for panned concentrates from the 1988 reconnaissance survey. Note the particular concentration of anomalies in the Diamond Creek (fig. 1) area, specifically the upper part of Diamond Creek (see fig. 1 for drainage names). The northern-most anomalous sample in the upper part of Diamond Creek contained 528 ppm gold.

hauled heavy mining equipment over 7 miles of narrow trail and down 2000 ft of cliffs into the Grand Canyon.

The most anomalous sample (83G-Y88), containing 528 ppm (not ppb) from Diamond Creek, was panned from a plunge pool at the base of an 8 ft-high waterfall in a tributary to Diamond Creek. Likewise, the accompanying stream sediment resulted in one of the most anomalous samples from the stream-sediment geochemical survey. The care that must be taken to avoid inconsistent results due to the "nugget effect" was reconfirmed by the fire assay Au analysis on a second (separate) panned concentrate taken from the same site, which yielded a much lower Au concentration. The follow-up detailed panned-concentrate and stream-sediment surveys in the area reconfirmed that this drainage and surrounding area are the most anomalous for gold on the Hualapai Reservation. Geological investigations of the rock located up the drainage from the 528 ppm anomaly revealed diabase dikes, and adjacent quartz veins, identical in composition and orientation to those associated with the gold ore at the Music Mountain mine.

The analyses of platinum, palladium, and rhodium in the 1988 panned concentrate samples yielded few results above the detection limit. The potential for platinum group metals on the Reservation in Proterozoic rock is not considered favorable.

CONCLUSIONS

The Diamond Creek tributary (located near the Hurricane fault zone) with the strikingly large gold anomaly, drains Proterozoic rock cut by northwest-trending diabase dikes and adjacent quartz veins. Such rock is also prevalent in the area near the Grand Wash fault zone. Most of the sites found to be geochemically anomalous by this study occur within two miles of either the Grand Wash or Hurricane Faults. Both are major Precambrian fault zones that have been reactivated in the Phanerozoic. They bound the western edge of the Colorado Plateau and have resulted in the downward vertical displacement of rock to the west. The Grand Wash fault has been estimated by Lucchitta (1979) to have displaced rock along the edge of the Colorado Plateau by 10,000 feet. The Music Mountain mine containing gold-rich quartz veins associated with diabase dikes, lies along the Grand Wash fault. The Gold Basin and Lost Basin districts, in which Au-base metal veins are associated with pegmatite dikes, occur north of the Music Mountain mines near the Wheeler fault. These two major tectonic zones (the Grand Wash and Hurricane Fault zones) along the edge of the Colorado Plateau appear to be good exploration targets for Cretaceous Au-rich quartz veins associated with pegmatite or Proterozoic diabase dikes.

ACKNOWLEDGEMENTS

The authors are particularly indebted to Zi Antweiler for her careful instruction to the student volunteers in the art of gold panning, and her help throughout this study. Her sense of humor and patient demeanor provided a true education for all involved with the field party in how to efficiently explore for gold. The authors also wish to thank those 11 student volunteers (mostly from Northern Arizona University) who worked hard climbing cliffs to collect samples, and then had to swat bugs while panning the samples: William Duffey, Mark Darrach, Brett Lindsey, Steve Finch, William Reed, Ken Thiessen, Paul Grover, Pamela Adams, Al Diaz, Elizabeth Dyer, and Julie Roller. Regina Aumente-

Modreski and William Thoen helped to create the geochemical database files and produce the resultant table 1.

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Explanation for Table 1

The 8-digit field number, column 1, identifies the site number (the first 3 digits), the type of sample (the fourth digit--a "G" indicates a panned-concentrate and an "S" a stream-sediment sample), a replicate (if the fifth digit="R"), a project code (the sixth digit="Y"), and the year (seventh and eighth digits, i.e. "88"=1988). The next two columns list latitude and longitude shown in decimal degrees. All other columns contain element concentrations. All elements were determined by ICP except where followed by an "F" for fire assay. A "<" indicates that an element was below the limit of detection, and a ">" that the element was above the maximum limit of detection. A "---" means that the element was not determined, and an 'H' indicates that there was an analytical interference.

Table 1a. Geochemical Analyses of Panned Concentrates
1988 Reconnaissance Survey

Field Number	Latitude	Longitude	Ag (ppm)	Au (ppm)--F	Au (ppm)	As (ppm)	Bi (ppm)	Cd (ppm)	Cu (ppm)	Ga (ppm)	Hg (ppm)
001G-Y88	35.7839	113.3442	<.0150	.0014	.0030	16.0	.42	.34	17.30	1.3	<.09
001GRY88	35.7839	113.3442	.0370	.0270	.0060	19.0	.47	.12	17.60	1.6	<.09
002G-Y88	35.7783	113.3411	.0330	.0028	.0710	66.9	1.08	.52	28.90	2.5	<.09
003G-Y88	35.7778	113.3428	<.0150	.0015	.0030	17.5	.36	.11	19.50	1.9	<.09
004G-Y88	35.7775	113.3375	.0430	.0016	.0040	12.2	1.77	.47	108.00	3.9	<.09
005G-Y88	35.7700	113.3403	<.0140	.0009	.0110	6.5	.37	.11	16.00	1.9	<.09
006G-Y88	35.7758	113.3333	<.0150	.0010	.0030	15.7	.30	<.09	12.10	.7	<.09
007G-Y88	35.7750	113.3333	.0160	.0020	.0060	12.5	<.23	.32	7.49	.8	<.09
008G-Y88	35.7772	113.3322	.0190	.0014	.0060	17.3	<.23	.42	5.26	.5	<.09
009G-Y88	35.7789	113.3311	.1060	.0013	.0150	7.4	1.93	.29	138.00	4.4	<.20
010G-Y88	35.7783	113.3308	.0420	.0014	.0040	8.6	.53	<.09	28.50	1.6	<.09
011G-Y88	35.7769	113.3269	.0150	.0007	.0060	52.7	<.23	.44	8.28	.7	<.09
012G-Y88	35.7900	113.3375	.0400	.0016	.0100	6.8	.43	.11	28.30	1.9	<.09
013G-Y88	35.7969	113.3342	.0410	.0059	.0180	3.2	.28	<.09	42.80	2.6	<.09
015G-Y88	35.7872	113.3303	.0310	.0011	.0020	7.9	.31	.30	16.20	1.4	<.09
016G-Y88	35.8050	113.3292	<.0150	.0099	.0020	8.0	.72	<.09	20.40	2.3	<.09
017G-Y88	35.8067	113.3256	.0400	.0011	.0110	4.2	.38	.10	29.20	3.4	<.09
018G-Y88	35.8056	113.3253	<.0150	.0016	.0030	18.9	<.24	.39	6.39	.6	<.09
018GRY88	35.8056	113.3253	.0290	.0010	.0030	21.8	.24	.42	5.90	.7	<.09
019G-Y88	35.8025	113.3222	.0180	.0097	.0060	20.8	<.23	.52	6.93	.7	<.09
020G-Y88	35.8008	113.3175	.0200	.0010	.0070	29.6	<.24	.34	11.80	.8	<.09
021G-Y88	35.8125	113.3056	.0180	.0012	.0060	21.6	<.23	.43	6.21	.8	<.09
022G-Y88	35.8122	113.3075	.0330	.0010	.0060	10.9	<.24	.27	3.91	<.4	<.09
023G-Y88	35.8092	113.3036	.0250	.0027	.0040	25.0	<.23	.51	6.85	.5	<.09
024G-Y88	35.8125	113.2997	.0330	.0018	.0060	34.9	.34	.57	16.90	.9	<.09
025G-Y88	35.8194	113.3239	.0420	.0016	.0040	8.2	.25	.17	29.20	2.1	<.09
026G-Y88	35.8214	113.3167	<.0150	.0021	.0040	9.0	<.24	.33	19.10	6.2	<.09
026GRY88	35.8214	113.3167	<.0140	.0026	.0040	11.3	<.22	.32	18.70	6.3	<.09
027G-Y88	35.8206	113.3164	.0300	.0013	.0030	13.1	<.23	.46	5.70	.6	<.09
028G-Y88	35.8211	113.3119	<.0150	.0012	.0030	11.4	<.25	.45	5.05	<.5	<.10
029G-Y88	35.8219	113.3114	<.0140	.0024	.0040	5.6	<.23	.30	19.00	4.8	<.09
030G-Y88	35.8261	113.3103	<.0150	.0018	.0030	12.6	<.24	.37	22.70	9.8	.20
031G-Y88	35.8325	113.3056	.0470	.0013	.0060	12.9	.32	.14	15.20	2.5	<.09
031GRY88	35.8325	113.3056	.0150	.0195	.0040	14.5	<.22	.45	10.50	2.3	<.09
032G-Y88	35.8361	113.3011	.0370	.0029	.0050	12.3	.31	.14	31.00	2.9	<.09
033G-Y88	35.8369	113.3011	.0570	.0010	.0660	7.9	<.25	.42	23.20	5.1	<.10
034G-Y88	35.7122	113.3736	.0420	.0016	.0090	8.9	.48	.11	25.90	2.4	<.09

Table 1a. continued

Field Number	Latitude	Longitude	Ag (ppm)	Au (ppm)--F	Au (ppm)	As (ppm)	Bi (ppm)	Cd (ppm)	Cu (ppm)	Ga (ppm)	Hg (ppm)
034GRY88	35.7122	113.3736	.0380	.0022	.0080	7.1	.44	.10	23.10	2.2	<.09
035G-Y88	35.8492	113.2928	<.0150	.0016	.0040	16.0	<.24	.44	26.10	12.4	<.09
036G-Y88	35.8497	113.2914	.0220	.0023	.0050	13.1	<.24	.40	10.80	1.2	<.09
037G-Y88	35.8522	113.2919	<.0150	.0116	.0050	34.5	.24	.40	21.00	4.2	<.09
038G-Y88	35.8539	113.2900	.0550	.0019	.0110	32.5	.35	.32	30.30	.6	<.10
039G-Y88	35.8547	113.2897	.0410	.0037	.0100	49.3	.30	.20	12.80	.6	<.09
040G-Y88	35.8597	113.2864	.0300	.0032	.0060	17.8	<.24	.48	10.20	1.0	<.09
041G-Y88	35.6333	113.4175	.0180	.0016	.0050	48.0	<.24	.44	10.40	1.0	<.09
042G-Y88	35.6314	113.4136	.0340	.0031	.0030	82.0	1.09	.47	16.90	4.1	<.09
043G-Y88	35.6300	113.4100	.0260	.0723	.0050	71.5	2.18	<.09	24.10	7.3	<.09
043GRY88	35.6300	113.4100	<.0140	.0011	.0130	88.2	2.14	.36	13.30	7.2	<.09
044G-Y88	35.6811	113.4056	.0280	.0016	.0030	61.0	.25	.46	13.20	.7	<.09
045G-Y88	35.6819	113.4047	.0280	.0031	.0050	10.8	.26	.41	14.60	1.3	<.09
046G-Y88	35.6881	113.4042	.0380	.0077	.0090	11.3	.43	.44	17.60	2.2	<.09
047G-Y88	35.6933	113.3994	.0350	.0015	.0020	9.4	.47	.11	11.20	1.8	<.09
048G-Y88	35.7547	113.3494	.0410	.0049	.0030	9.4	<.23	.50	5.25	.7	<.09
049G-Y88	35.7525	113.3456	.0340	.0077	.0040	29.2	.25	.60	7.21	.9	<.09
050G-Y88	35.7525	113.3419	<.0150	.0020	.0020	5.3	.42	.26	14.90	4.3	<.09
051G-Y88	35.7514	113.3414	.0350	.0042	.0040	8.3	.26	.28	4.30	.5	<.09
052G-Y88	35.7133	113.3711	.0440	.0015	.0080	15.2	.56	.11	21.60	2.3	<.09
052GRY88	35.7133	113.3711	.0440	.0013	.0050	13.5	.51	.10	22.30	2.3	<.09
053G-Y88	35.7092	113.3700	.0410	.0011	.0040	7.4	.50	<.09	18.00	1.4	<.09
054G-Y88	35.7103	113.3689	.0340	.0014	.0060	19.8	.46	.13	13.50	1.0	<.09
055G-Y88	35.7103	113.3667	.0410	.0012	.0140	18.9	.41	.18	27.40	1.0	<.09
056G-Y88	35.7067	113.3642	<.0150	.0010	.0020	8.4	.37	<.09	12.90	1.0	<.09
057G-Y88	35.7053	113.3647	<.0150	.0010	.0020	27.7	.32	.16	11.70	.6	<.09
058G-Y88	35.7222	113.3692	.2340	.0022	.0200	18.0	1.15	.41	27.90	2.1	.31
059G-Y88	35.7269	113.3711	.0650	.0019	.0080	22.7	.68	.16	32.90	2.8	<.09
059GRY88	35.7269	113.3711	.0240	.0017	.0210	21.0	.38	.43	17.80	2.9	<.09
060G-Y88	35.7289	113.3650	.0250	.0008	.0040	20.4	1.29	.39	21.00	1.7	<.09
061G-Y88	35.7297	113.3639	.0380	.0016	.0050	17.9	1.36	.48	17.60	1.1	<.09
061GRY88	35.7297	113.3639	.0270	.0014	.0050	10.7	.33	.44	22.60	1.2	<.09
062G-Y88	35.7308	113.3692	.0440	.0016	.0030	12.7	1.37	.39	14.20	1.3	<.09
063G-Y88	35.7281	113.3567	.0160	.0151	.0640	14.3	.87	.34	20.10	1.4	<.09
064G-Y88	35.7331	113.3608	.0340	.0028	.0080	11.3	2.08	.48	43.70	5.5	<.09
065G-Y88	35.7389	113.3636	.0340	.0014	.0060	31.0	1.53	.81	61.50	3.5	<.09
066G-Y88	35.7431	113.3592	.0630	.0013	.0120	9.2	1.30	.51	97.70	6.1	<.09

Table 1a. continued

Field Number	Latitude	Longitude	Ag (ppm)	Au (ppm)--F	Au (ppm)	As (ppm)	Bi (ppm)	Cd (ppm)	Cu (ppm)	Ga (ppm)	Hg (ppm)
067G-Y88	35.7492	113.3569	.0210	.0018	.0040	11.9	.84	.37	25.90	2.9	<.09
068G-Y88	35.7431	113.3497	.0530	.0035	.0090	16.2	.79	.13	48.50	2.6	<.09
069G-Y88	35.7494	113.3467	.0450	.0016	.0080	8.6	.26	.30	14.10	.6	<.09
070G-Y88	35.7439	113.3411	.0360	.0015	.0040	18.8	.31	.53	15.40	2.2	<.09
071G-Y88	35.7444	113.3400	.0330	.0013	.0030	12.4	.45	.23	13.80	2.5	<.09
072G-Y88	35.7464	113.3358	.0250	.0007	.0060	5.9	.38	.47	24.10	3.9	<.09
073G-Y88	35.7444	113.3319	.0140	.0011	.0030	15.5	.26	.44	6.92	.7	<.09
074G-Y88	35.7436	113.3319	.0320	.0020	.0060	7.6	<.24	.44	21.50	2.7	<.09
075G-Y88	35.7394	113.3325	.1750	.0018	.0070	132.0	1.07	1.13	74.40	2.3	<.09
076G-Y88	35.7389	113.3319	.0350	.0016	.0050	9.8	.33	.16	23.20	1.3	<.09
077G-Y88	35.7406	113.3311	.0770	.0022	.0160	10.9	.29	.46	21.10	6.9	<.09
078G-Y88	35.7386	113.3250	.0330	.0011	.0020	8.5	.37	.37	18.00	3.5	<.09
078GRY88	35.7386	113.3250	.0410	.0014	.0070	7.9	.38	.10	26.80	3.7	<.09
079G-Y88	35.7403	113.3200	.0440	.0046	.0030	7.6	.46	.16	19.20	2.8	<.09
080G-Y88	35.7389	113.3206	.0310	.0011	.0020	11.7	<.23	.57	3.67	.6	<.09
080GRY88	35.7389	113.3206	.0280	.0018	.0030	9.9	<.23	.26	3.81	.4	<.09
081G-Y88	35.7367	113.3189	.0160	.0020	.0330	12.6	.41	.38	14.70	1.5	<.09
082G-Y88	35.7378	113.3147	.0310	.0078	.0410	74.1	<.23	.63	10.40	<.4	<.09
083G-Y88	35.7425	113.3086	8.1200	.0101	528.0000	58.4	<.23	.46	8.29	<.4	<.09
084G-Y88	35.7369	113.3144	.0530	.0385	.0110	8.6	.40	.31	71.90	.7	<.09
085G-Y88	35.7347	113.3067	.0280	.0372	.2100	33.4	<.22	.58	8.59	.9	<.09
086G-Y88	35.7306	113.3025	.0160	.0028	.3000	13.1	<.24	.63	4.30	<.4	<.09
087G-Y88	35.7308	113.3036	.0260	.0018	.0060	61.4	<.24	.86	11.80	.8	<.09
088G-Y88	35.7275	113.3031	.0390	.0030	.0090	14.1	.40	.15	19.50	.9	<.09
089G-Y88	35.7272	113.3022	.0560	.0152	.0300	38.3	.24	.65	7.93	.9	<.09
090G-Y88	35.7322	113.2939	.0430	.0023	.0100	8.7	.40	.18	26.80	.8	<.09
091G-Y88	35.7161	113.2969	.0360	.0017	.0070	53.9	.56	.21	22.90	.9	<.09
092G-Y88	35.7158	113.2953	<.0150	.0149	.0120	28.7	.35	<.09	12.90	.8	<.09
093G-Y88	35.7150	113.2961	.0420	.0011	.0220	34.9	<.24	.74	7.47	.8	<.09
094G-Y88	35.7256	113.3628	.0450	.0016	.0020	9.9	.58	<.09	26.90	2.1	<.09
095G-Y88	35.7653	113.3719	.0380	.0026	.0050	21.0	.33	.13	25.00	1.8	<.09
096G-Y88	35.7619	113.3667	.2100	.0010	.2390	4.3	<.22	.33	7.03	.5	<.09
097G-Y88	35.7617	113.3600	.1320	.3920	.1740	10.4	.29	.32	13.20	.8	<.09
098G-Y88	35.7608	113.3608	.0190	.0022	.0830	11.5	.28	.56	4.60	.7	<.09
099G-Y88	35.7589	113.3569	.0590	.0034	.0040	17.1	.58	.14	63.60	2.6	.15
100G-Y88	35.7561	113.3550	.0750	.0172	.0240	14.7	.37	.34	36.00	.8	<.09
101G-Y88	35.7578	113.3500	.0380	.0011	.0190	22.2	2.02	.59	45.20	5.0	<.09

Table 1a. continued

Field Number	Latitude	Longitude	Ag (ppm)	Au (ppm)--F	Au (ppm)	As (ppm)	Bi (ppm)	Cd (ppm)	Cu (ppm)	Ga (ppm)	Hg (ppm)
102G-Y88	35.7614	113.3436	.0460	.0019	.0040	6.8	.56	<.09	20.80	1.7	<.09
103G-Y88	35.7014	113.3917	.0350	.0028	.0070	18.3	.31	.47	12.20	1.5	<.09
105G-Y88	35.7161	113.3769	.0190	.0011	.0060	9.1	.24	.36	11.30	1.8	<.09
106G-Y88	35.7153	113.3753	.0340	.0017	.0020	13.1	.36	.20	16.80	1.0	<.09
107G-Y88	35.7956	113.3347	<.0150	.0022	.0020	5.8	<.25	<.10	11.90	1.8	<.10
108G-Y88	35.7950	113.3344	.0330	.0018	.0040	5.8	.41	.35	9.66	1.8	.17
109G-Y88	35.7575	113.3567	2.2500	.0279	.0530	16.9	27.60	7.54	8053.00	4.3	<.09
110G-Y88	35.8161	113.1542	.0280	.0022	.0040	12.3	.27	.47	17.30	3.1	<.09
111G-Y88	35.9817	113.3286	<.0140	.0110	.0050	7.0	<.22	.42	7.21	.8	<.09
112G-Y88	35.9831	113.3172	.0290	.0024	.0030	5.6	.26	.47	6.52	1.2	<.09
113G-Y88	35.9797	113.3228	.0410	.0039	.0130	5.5	.31	.16	10.20	1.1	<.09
114G-Y88	35.9722	113.3136	.0230	.0017	.0070	11.3	<.24	.55	5.92	.7	<.09
115G-Y88	35.9728	113.3086	.0260	.0025	.0070	30.2	<.24	.41	15.20	<.4	<.09
116G-Y88	35.9678	113.3122	.0200	.0017	.0040	8.2	<.22	.57	5.66	<.4	<.09
117G-Y88	35.9611	113.3078	.0280	.0021	.0060	34.5	<.23	.65	8.71	.7	<.09
118G-Y88	35.9764	113.2878	.0520	.0016	.0060	10.9	<.23	.34	6.04	.4	<.09
119G-Y88	35.9700	113.2817	.0240	183.0000	.0100	8.9	<.22	.50	2.68	.7	<.09
120G-Y88	35.9653	113.2811	.0330	.0018	.0020	3.1	.24	.25	5.08	<.4	<.09
120GRY88	35.9653	113.2811	<.0150	.0008	.0020	2.5	<.24	.22	1.13	<.4	<.09
122G-Y88	35.8839	113.2767	.0260	.0020	.0070	7.5	<.24	.64	3.89	<.4	<.09
123G-Y88	35.8817	113.2767	.0420	.0019	.0040	7.7	<.23	.28	15.50	<.4	<.09
123GRY88	35.8817	113.2767	<.0150	.0019	.0040	4.9	<.24	.57	3.22	<.4	<.09
124G-Y88	35.8811	113.2778	.0240	.0014	.0040	5.6	<.23	.38	8.71	.9	<.09
125G-Y88	35.7275	113.6197	.0340	.0014	.0040	9.2	.36	.12	14.10	1.7	<.09
125GRY88	35.7275	113.6197	<.0140	.0014	.0020	19.7	.24	.09	12.00	1.3	<.09
126G-Y88	35.7219	113.6164	.0410	.0017	.0030	10.7	.26	<.09	22.50	4.4	<.09
127G-Y88	35.7186	113.6211	.0150	.0013	.0050	18.9	<.23	.34	13.00	2.0	<.09
128G-Y88	35.6997	113.8742	<.0150	.0013	.0020	12.0	<.24	.43	23.60	24.2	<.09
129G-Y88	35.6858	113.8642	.3680	.0017	.0070	27.9	.47	.88	33.60	15.0	<.09
130G-Y88	35.6819	113.8603	.1230	.0363	.0710	21.1	.50	.80	25.00	7.9	<.09
131G-Y88	35.6814	113.8603	.0660	.0012	.0050	18.4	<.23	.64	14.30	5.2	<.09
132G-Y88	35.6728	113.8703	<.0140	.0015	.0070	12.3	.46	.18	30.20	20.0	<.09
133G-Y88	35.6681	113.6581	.0270	.0020	.0070	7.0	<.24	.40	19.70	2.6	<.09
134G-Y88	35.6731	113.6533	<.0140	.0021	.0030	8.0	<.22	.30	18.20	4.3	<.09
134GRY88	35.6731	113.6533	.0400	.0020	.0050	8.4	.27	<.09	23.40	4.1	<.09
135G-Y88	35.6769	113.6453	.0830	.0017	.0050	80.9	<.24	.36	50.50	7.3	<.09
136G-Y88	35.6792	113.6514	.0380	.0026	.0030	8.9	<.24	.33	18.40	3.3	<.09

Table 1a. continued

Field Number	Latitude	Longitude	Ag (ppm)	Au (ppm)--F	Au (ppm)	As (ppm)	Bi (ppm)	Cd (ppm)	Cu (ppm)	Ga (ppm)	Hg (ppm)
137G-Y88	35.6808	113.6492	.0330	.0015	.0020	31.8	.35	.32	21.40	2.0	.10
139G-Y88	35.6817	113.6528	.0420	.0174	.0020	8.3	<.24	.37	22.20	4.1	<.09
140G-Y88	35.6822	113.6550	<.0140	.0031	.0100	9.4	.27	.27	10.50	1.9	<.09
141G-Y88	35.6844	113.6522	.0250	.0016	.0040	7.6	<.23	.35	17.60	2.8	<.09
142G-Y88	35.6844	113.6508	<.0150	.0012	.0020	32.0	.26	<.10	19.90	1.7	<.10
142GRY88	35.6844	113.6508	.0370	.0012	.0030	32.1	.33	.35	23.20	2.2	<.09
143G-Y88	35.6889	113.6489	<.0150	.0028	.0050	9.6	<.24	.32	18.70	5.9	<.09
143GRY88	35.6889	113.6489	.0320	.0069	.0060	11.1	<.23	.34	19.00	5.4	<.09
144G-Y88	35.6897	113.6522	<.0150	.0020	.0020	13.9	.32	<.09	11.50	1.5	<.09
145G-Y88	35.6942	113.6486	.0460	.0151	.0100	12.6	<.24	.11	30.10	7.2	<.09
146G-Y88	35.6975	113.6444	.0360	.0030	.0050	18.6	.71	.11	30.00	2.5	<.09
147G-Y88	35.6972	113.6431	.0420	.0025	.0040	40.1	.49	.37	26.80	3.0	<.09
148G-Y88	35.7017	113.6428	.0330	.0012	.0050	10.6	.41	<.09	11.70	1.2	<.09
149G-Y88	35.7011	113.6408	.0340	.0018	.0060	8.8	<.24	.41	21.20	3.1	<.09
150G-Y88	35.6986	113.6344	.0530	.2950	.0960	30.8	.39	.10	30.30	2.5	<.09
151G-Y88	35.7033	113.6350	.0290	.0014	.0060	6.1	<.20	.31	14.40	2.0	<.08
152G-Y88	35.7033	113.6319	<.0140	.0016	.0060	41.1	<.23	.34	17.80	2.9	<.09
153G-Y88	35.7083	113.6297	.0270	.0031	.0060	10.0	<.24	.33	22.70	4.7	<.09
154G-Y88	35.7128	113.6253	.0390	.0014	.0040	6.0	<.23	.10	17.90	2.2	<.09
155G-Y88	35.6850	113.6444	.0390	.0016	.0050	45.6	.54	.10	32.60	3.3	<.09
156G-Y88	35.7014	113.6322	<.0140	.0024	.0060	42.1	<.24	.36	21.70	2.6	<.09
156GRY88	35.7014	113.6322	.0300	.0022	.0060	45.8	.33	.11	23.80	2.6	<.09
157G-Y88	35.6600	113.8772	<.0140	.0055	.0060	10.6	.33	.40	28.70	18.2	.25
158G-Y88	35.6625	113.8811	<.0140	.0142	.0070	11.2	.29	.44	26.90	15.9	<.09
159G-Y88	35.6614	113.8861	<.0150	.0014	.0020	13.5	.53	.26	28.40	20.8	.59
160G-Y88	35.6650	113.8992	.0410	.0019	.0070	13.6	.57	.24	36.20	12.9	<.09
161G-Y88	35.6697	113.8986	<.0150	.0029	.0040	16.3	<.24	.36	22.90	8.7	<.09
162G-Y88	35.6728	113.9081	.0560	.0029	.0070	6.5	.29	.16	31.70	7.8	<.09
163G-Y88	35.6742	113.9242	<.0150	.0077	.0140	11.5	<.24	.26	33.40	24.7	<.09
165G-Y88	35.6822	113.9231	.0310	.0037	.0070	9.1	<.23	.36	16.60	3.7	.09
166G-Y88	35.6806	113.9192	.0360	.0100	.0310	12.3	.26	.13	25.40	7.0	<.09
167G-Y88	35.6836	113.9106	.0580	.0014	.0030	13.8	.37	.45	16.20	5.9	<.09
168G-Y88	35.6808	113.8994	.0280	.0022	.0030	16.7	.43	.21	18.60	10.9	.33
168GRY88	35.6808	113.8994	.0350	.0022	.0060	16.4	<.24	.54	22.40	10.8	<.09
169G-Y88	35.6775	113.8856	.4310	.0120	1.6300	15.1	<.24	.57	29.20	17.6	.21
170G-Y88	35.6883	113.8989	.0610	.0027	.0070	11.9	.40	.20	18.00	6.8	<.09
171G-Y88	35.6911	113.8961	<.0140	.0066	.0030	13.0	<.23	.37	21.00	16.0	<.09

Table 1a. continued

Field Number	Latitude	Longitude	Ag (ppm)	Au (ppm)--F	Au (ppm)	As (ppm)	Bi (ppm)	Cd (ppm)	Cu (ppm)	Ga (ppm)	Hg (ppm)
172G-Y88	35.6903	113.9089	.0810	.0058	.0140	17.9	.63	.32	35.90	7.8	<.09
173G-Y88	35.6906	113.9214	.0270	.0015	.0030	13.4	.41	.52	4.15	.8	<.09
174G-Y88	35.6883	113.9306	.0530	.0019	.0040	5.8	.32	.14	13.20	3.0	<.09
174GRY88	35.6883	113.9306	.0410	.0012	.0040	6.0	<.24	.62	12.90	2.6	<.09
177G-Y88	35.6969	113.8972	<.0140	.0009	.0070	6.9	<.23	.35	17.60	8.1	<.09
178G-Y88	35.6972	113.8819	<.0150	.0033	.0020	13.8	.47	.18	27.10	21.3	.67
179G-Y88	35.7022	113.8778	<.0150	.0054	.0030	8.2	<.24	.14	25.40	24.2	<.09
180G-Y88	35.7011	113.8892	.0190	.0009	.0070	9.1	<.23	.41	29.50	10.1	<.09
181G-Y88	35.7025	113.8906	<.0140	.0034	.0050	7.5	.24	.38	27.40	15.7	<.09
182G-Y88	35.7031	113.9011	<.0140	.0026	.0020	7.1	.37	.13	23.30	21.0	.67
187G-Y88	35.7097	113.9092	.0230	.0033	.0050	12.1	.43	.14	32.50	16.6	<.10
189G-Y88	35.7097	113.8928	<.0140	.9090	.0100	9.1	<.23	.40	23.10	21.9	.30
190G-Y88	35.7158	113.8872	.1700	.0047	.0280	10.0	.30	.40	9.21	1.5	<.09
191G-Y88	35.7225	113.8758	.0160	.0022	.0050	21.8	<.24	.50	21.20	6.7	<.09
192G-Y88	35.7192	113.8914	.0270	.0034	.0120	7.6	<.23	.42	17.20	1.7	<.09
193G-Y88	35.7139	113.8997	<.0140	.0015	.0030	7.2	<.23	.38	22.10	15.9	.13
194G-Y88	35.7150	113.9217	.0170	.0309	.0060	5.6	.29	.13	36.40	16.2	<.09
195G-Y88	35.7147	113.9283	<.0140	.0015	.0030	4.9	.27	.32	16.30	6.1	<.09
196G-Y88	35.7206	113.9228	<.0140	.0022	.0040	7.5	<.24	.32	24.60	16.3	.30
196GRY88	35.7206	113.9228	<.0140	.0025	.0020	8.2	.44	.12	25.70	16.7	.37
197G-Y88	35.7219	113.9167	<.0140	.0034	.0060	6.2	<.22	.49	25.60	20.9	<.09
198G-Y88	35.7208	113.9092	<.0140	.0063	.0040	5.5	.32	.12	27.40	14.6	<.09
200G-Y88	35.7053	113.9081	.0500	.0028	.0190	9.6	.36	.13	75.90	5.7	<.09
202G-Y88	35.9461	113.8175	.0360	.0018	.0060	2.9	.25	.32	13.50	1.3	<.09
203G-Y88	35.9528	113.7992	.0260	.0020	.0060	4.4	<.24	.90	7.82	1.1	<.09
204G-Y88	35.9544	113.7922	<.0150	.0031	.0060	3.6	<.24	.74	1.65	.7	<.09
205G-Y88	35.7611	113.5269	.0360	.0015	.0040	6.0	<.23	.27	5.05	.6	<.09
206G-Y88	35.7678	113.5250	.0250	.0010	.0030	12.3	<.23	.54	3.78	1.1	<.09
207G-Y88	35.7728	113.5228	.0400	.0027	.0060	6.0	.30	.17	25.80	7.9	<.09
208G-Y88	35.7617	113.5025	.0850	<.0001	.0060	44.4	<.24	.71	6.65	.7	<.09
209G-Y88	35.7625	113.5039	.0430	.0014	.0120	8.3	.53	.16	27.50	1.7	<.09
209GRY88	35.7625	113.5039	.0430	.0010	.0070	8.9	.56	.10	23.40	1.6	<.09
210G-Y88	35.7647	113.5017	<.0150	.0014	.0020	12.1	<.24	.24	5.46	.5	<.09
211G-Y88	35.7900	113.6522	.0310	.0033	.0500	14.4	<.24	.35	21.30	3.9	<.09
212G-Y88	35.7956	113.6536	.0650	.0241	.1660	10.7	.25	.10	20.70	3.0	<.09
213G-Y88	35.7964	113.6550	.0420	<.0001	.0060	3.8	.35	.14	40.90	1.9	<.09
214G-Y88	35.8003	113.6561	.0360	.0018	.0490	9.5	<.24	.37	15.80	3.2	<.09

Table 1a. continued

Field Number	Latitude	Longitude	Ag (ppm)	Au (ppm)--F	Au (ppm)	As (ppm)	Bi (ppm)	Cd (ppm)	Cu (ppm)	Ga (ppm)	Hg (ppm)
215G-Y88	35.8053	113.6578	.0370	.0019	.0080	13.6	<.24	.62	25.00	4.6	<.10
216G-Y88	35.8069	113.6583	.0390	.0031	.0040	30.1	.37	.30	26.40	.8	<.09
217G-Y88	35.8089	113.6572	.0450	.0035	.0080	8.8	.28	.11	23.70	2.8	<.09
217GRY88	35.8089	113.6572	.0440	.0035	.0080	10.8	.25	.14	22.10	2.8	<.09
218G-Y88	35.8133	113.6586	.0270	.0021	.0050	42.4	<.24	.41	16.40	3.1	<.09
219G-Y88	35.8167	113.6572	.0210	.0008	.0030	11.7	.28	<.10	19.20	4.8	<.10
221G-Y88	35.8194	113.6539	.0270	.0027	.0190	8.9	<.23	.33	17.10	3.3	<.09
222G-Y88	35.8211	113.6497	.0330	.0017	.0030	8.8	<.23	.36	18.40	3.6	<.09
223G-Y88	35.8231	113.6494	.0400	.0090	.0020	11.8	<.24	.37	16.90	4.2	<.09
225G-Y88	35.9333	113.3164	.0360	.0030	.0060	32.6	<.23	.81	6.23	.7	<.09
226G-Y88	35.6958	113.4883	.0250	.0028	.0030	11.4	.46	.57	11.80	8.5	<.10
227G-Y88	35.6950	113.4878	.0370	.0037	.0110	6.5	<.23	.40	5.76	2.2	<.09
228G-Y88	35.6978	113.4728	.0200	.0025	.0060	5.7	<.24	.51	6.66	1.8	<.09
229G-Y88	35.6936	113.4747	.0220	.0018	.0090	18.4	<.24	.54	10.50	5.7	<.09
230G-Y88	35.6942	113.4583	.0290	.0040	.0070	70.3	<.24	.53	9.03	4.0	<.09
231G-Y88	35.7489	113.4281	.0390	.0018	.0100	15.3	.26	.29	15.90	.5	<.10
232G-Y88	35.7414	113.4297	.0210	.0002	.0050	26.7	<.24	.61	10.00	<.4	<.09
233G-Y88	35.7475	113.4044	.0150	.0303	.0060	5.6	<.24	.32	7.05	.6	<.09
234G-Y88	35.7447	113.3978	.0470	<.0002	.0110	13.4	.45	.17	31.70	1.2	<.09
235G-Y88	35.8789	113.7325	<.0150	.0068	.0090	17.5	<.24	.36	5.47	.8	<.09
236G-Y88	35.8808	113.7322	<.0150	.0024	.0020	6.2	<.24	<.09	2.69	<.4	<.09
237G-Y88	35.8836	113.7286	<.0150	.4070	.0060	7.5	<.24	.45	11.10	2.1	<.09
238G-Y88	35.8842	113.7289	<.0140	.0023	.0060	3.6	<.22	.36	2.27	.4	<.09
239G-Y88	35.8861	113.7206	<.0150	.0012	.0060	5.8	<.24	.46	3.85	.7	<.09
240G-Y88	35.8567	113.6778	.0270	.0013	.0030	6.0	<.23	.60	3.54	.6	<.09
241G-Y88	35.8600	113.6719	.0220	.1300	.0070	4.9	<.24	.46	5.10	.9	<.09
242G-Y88	35.8408	113.6639	.1080	.0012	.0040	23.8	.25	1.51	12.90	<.4	<.09
242GRY88	35.8408	113.6639	.0680	.0012	.0020	23.6	.28	1.60	13.30	<.4	<.09
243G-Y88	35.8439	113.6564	<.0150	.0014	.0070	5.7	<.24	1.72	3.78	<.4	<.09
244G-Y88	35.8731	113.7111	.0220	.0021	.0060	11.8	<.23	.37	6.75	1.8	<.09
245G-Y88	35.9347	113.7336	.0370	.0018	.0030	4.5	<.24	.30	7.35	.5	<.09
246G-Y88	35.7661	113.3714	.1100	.0015	.0630	6.3	<.23	.39	9.12	3.1	<.09
247G-Y88	35.7753	113.3564	.0260	.0017	.0050	8.3	<.24	.38	13.80	.9	<.09
248G-Y88	35.7583	113.4994	<.0150	.0021	.0020	19.2	.26	.26	7.12	.6	<.09
249G-Y88	35.7225	113.6283	.0210	.0026	.0070	16.3	.23	.39	16.50	2.2	<.09
250G-Y88	35.9764	113.2878	.0270	.0010	.0050	2.3	.36	<.09	17.20	.5	<.09
252G-Y88	35.7525	113.3850	.0290	.3060	.0230	8.6	.23	<.09	13.00	1.1	.09

Table 1a. continued

Field Number	Latitude	Longitude	Ag (ppm)	Au (ppm)--F	Au (ppm)	As (ppm)	Bi (ppm)	Cd (ppm)	Cu (ppm)	Ga (ppm)	Hg (ppm)
253G-Y88	35.7514	113.4050	.0260	<.0010	<.0005	17.6	.23	.12	12.50	1.2	<.09
254G-Y88	35.7500	113.4186	.0190	.0194	<.0005	10.6	<.23	.11	6.76	.5	<.09
255G-Y88	35.7506	113.4239	.1190	.6700	.4960	56.3	1.84	.30	9.68	.6	<.09
256G-Y88	35.7558	113.4467	.0180	<.0010	<.0005	14.9	<.24	.13	13.90	.8	<.09
257G-Y88	35.7583	113.4550	.0340	<.0010	<.0005	9.2	<.24	<.09	10.70	.8	<.09
258G-Y88	35.7647	113.4775	.0250	<.0010	<.0005	13.1	.29	.10	11.50	1.3	<.09
259G-Y88	35.7647	113.5017	.0220	<.0010	<.0005	15.6	<.23	.40	6.10	<.4	<.09
260G-Y88	35.7661	113.5128	.0310	<.0010	<.0005	9.4	.26	<.09	12.30	1.4	<.09
260GRY88	35.7661	113.5128	.0490	<.0010	<.0005	9.8	.33	<.09	14.40	1.5	.09
261G-Y88	35.7806	113.5306	.0280	.0065	<.0005	10.0	<.23	.70	6.03	.7	<.09
262G-Y88	35.7892	113.5375	.0390	<.0010	<.0005	6.6	.27	.24	20.30	2.0	<.09
262GRY88	35.7892	113.5375	.0870	.0024	<.0005	7.0	.35	.24	16.90	2.2	.10
263G-Y88	35.7944	113.5422	.0280	<.0010	<.0005	8.6	<.24	.20	10.70	1.2	<.09
264G-Y88	35.7986	113.5542	.0300	<.0010	<.0005	7.2	<.23	<.09	13.20	1.3	<.09
265G-Y88	35.8078	113.5653	.0180	<.0010	<.0005	6.1	<.23	.17	9.67	.7	<.09
265GRY88	35.8078	113.5653	.0360	<.0010	<.0005	9.1	.24	.20	10.50	1.2	<.09
266G-Y88	35.8211	113.5703	.0230	<.0010	<.0005	6.0	<.23	.27	5.45	<.4	<.09
267G-Y88	35.8306	113.5808	.0200	<.0010	<.0005	14.3	.25	.14	10.30	.7	<.09
267GRY88	35.8306	113.5808	.0270	<.0010	<.0005	14.2	.26	.15	9.28	1.0	<.09
268G-Y88	35.8400	113.5939	.0230	<.0010	.0050	8.3	<.24	.12	9.73	.5	<.09
269G-Y88	35.8428	113.5975	.0290	<.0010	<.0005	6.3	.33	<.09	12.70	1.8	<.09
270G-Y88	35.8417	113.6139	.0270	.0012	<.0005	11.9	<.24	.22	10.70	1.7	<.09
271G-Y88	35.8208	113.6267	.0270	<.0010	<.0005	10.9	<.23	.36	14.70	.6	<.09
272G-Y88	35.8178	113.6314	.0360	<.0010	<.0005	9.1	.26	.36	10.50	1.5	<.09
272GRY88	35.8178	113.6314	.0250	<.0010	<.0005	9.2	<.24	.32	11.20	1.0	<.09
273G-Y88	35.8175	113.6364	.0290	<.0010	<.0005	4.6	<.22	.37	4.95	.7	<.09
274G-Y88	35.8197	113.6411	.0470	<.0010	<.0005	8.4	.38	<.09	14.00	1.6	.14
275G-Y88	35.8325	113.6542	.0410	<.0010	.0010	16.5	.40	<.09	17.30	2.8	.12
276G-Y88	35.8350	113.6556	.0200	<.0010	<.0005	17.4	.27	<.09	13.80	1.5	<.09
277G-Y88	35.8511	113.6600	.0250	<.0010	<.0005	8.1	.28	.10	12.80	2.0	<.09
278G-Y88	35.8706	113.6781	.0280	.0123	.0780	6.1	.23	<.09	8.36	2.0	<.09
279G-Y88	35.8956	113.7133	.0230	.0022	<.0005	8.0	.29	<.09	18.90	2.2	<.09
280G-Y88	35.8975	113.7158	.0260	<.0010	<.0005	8.1	.30	<.09	14.60	1.9	<.09
281G-Y88	35.9042	113.7178	.0330	<.0010	<.0005	8.9	.24	.34	8.56	.6	<.09
282G-Y88	35.9153	113.7172	.0240	<.0010	<.0005	8.6	<.24	.27	8.42	1.0	<.09
283G-Y88	35.9269	113.7147	.0330	<.0010	<.0005	6.2	.28	.11	11.50	1.2	<.09
284G-Y88	35.9356	113.7208	.0540	---	<.0005	8.0	<.24	<.10	27.40	1.7	<.10

Table 1a. continued

Field Number	Latitude	Longitude	Ag (ppm)	Au (ppm)--F	Au (ppm)	As (ppm)	Bi (ppm)	Cd (ppm)	Cu (ppm)	Ga (ppm)	Hg (ppm)
285G-Y88	35.9439	113.7428	.0280	<.0010	<.0005	10.1	<.23	.24	8.19	1.3	<.09
286G-Y88	35.9581	113.7428	.0740	.0029	.0020	15.2	.43	<.14	22.50	2.4	<.14
287G-Y88	35.7858	113.6525	.1350	<.0010	<.0005	38.4	.37	.24	77.40	17.7	.81
288G-Y88	35.7861	113.6525	.0350	<.0010	<.0005	25.2	.26	.18	28.90	20.0	.72
289G-Y88	35.7861	113.6517	.0360	---	<.0005	8.8	.32	.17	26.50	6.7	.23
290G-Y88	35.7861	113.6517	.0510	.0722	<.0005	15.5	.44	.13	24.00	9.1	.35
291G-Y88	35.7861	113.6517	.0340	---	.0050	17.2	.26	.12	16.60	10.1	.30
292G-Y88	35.7861	113.6517	.1580	---	.0010	40.5	.63	.31	136.00	24.1	1.58
293G-Y88	35.7861	113.6519	.0560	---	.0010	40.4	.39	.24	60.90	17.5	.88

Table 1a. continued

Field Number	Mo (ppm)	Pb (ppm)	Pd (ppm)--F	Pt (ppm)--F	Rh (ppm)--F	Sb (ppm)	Se (ppm)	Te (ppm)	Tl (ppm)	Zn (ppm)
001G-Y88	2.71	8.52	<.0102	<.025	---	.35	<.9	<.49	<.4	31.2
001GRY88	6.08	9.47	<.0102	<.025	---	.55	<.9	<.48	<.4	32.9
002G-Y88	5.05	28.70	<.0187	<.045	---	1.06	<.9	<.48	<.4	68.8
003G-Y88	3.24	12.50	<.0102	<.025	---	.88	<.9	<.49	<.4	34.5
004G-Y88	3.91	62.10	<.0235	<.057	---	1.34	<.9	<.45	<.4	91.5
005G-Y88	3.11	8.40	<.0102	<.025	---	.69	<.9	<.46	<.4	38.8
006G-Y88	2.32	11.50	<.0102	<.025	---	.62	<.9	<.49	<.4	23.8
007G-Y88	2.05	10.50	<.0102	<.025	---	.28	<.9	<.46	<.4	19.8
008G-Y88	2.14	9.78	<.0159	<.039	---	.58	<.9	<.47	<.4	23.0
009G-Y88	40.70	17.90	<.0102	<.025	---	1.10	<2.0	<1.00	<1.0	134.0
010G-Y88	9.55	5.46	<.0102	<.025	---	.78	<.9	<.48	<.4	29.6
011G-Y88	2.42	18.70	<.0102	<.025	---	1.42	<.9	<.46	<.4	33.0
012G-Y88	5.62	7.04	<.0102	<.025	---	.36	<.9	<.48	<.4	28.5
013G-Y88	2.01	4.36	<.0102	<.025	---	.47	<.9	<.48	<.4	24.3
015G-Y88	2.82	7.57	<.0102	<.025	---	.40	<.9	<.47	<.4	23.7
016G-Y88	4.79	6.56	<.0102	<.025	---	.76	<.9	<.48	<.4	32.2
017G-Y88	7.49	5.83	<.0102	<.025	---	.36	<.9	<.48	<.4	42.5
018G-Y88	1.97	17.40	<.0102	<.025	---	.56	<.9	<.48	<.4	25.6
018GRY88	1.98	9.24	<.0102	<.025	---	.59	<.9	<.46	<.4	25.0
019G-Y88	2.92	11.80	<.0102	<.025	---	.63	<.9	<.47	<.4	27.9
020G-Y88	2.46	25.00	<.0102	<.025	---	1.21	<.9	<.48	<.4	31.2
021G-Y88	2.76	15.80	<.0103	<.025	---	1.01	<.9	.47	<.4	31.9
022G-Y88	.95	4.80	<.0102	<.025	---	.38	<.9	<.48	<.4	21.3
023G-Y88	4.30	8.67	<.0153	<.037	---	.74	<.9	<.47	<.4	28.0
024G-Y88	10.90	46.10	<.0102	<.025	---	.71	<.9	<.49	<.4	33.9
025G-Y88	1.21	7.43	<.0102	<.025	---	.39	<.9	<.47	<.4	39.6
026G-Y88	1.57	19.80	<.0102	<.025	---	.41	<.9	<.49	<.4	74.8
026GRY88	1.68	14.30	<.0102	<.025	---	.40	<.9	<.45	<.4	81.3
027G-Y88	3.05	7.43	<.0116	<.028	---	.56	<.9	<.46	<.4	22.8
028G-Y88	1.26	6.29	<.0102	<.025	---	.29	<1.0	<.50	<.5	20.6
029G-Y88	2.63	10.40	<.0162	<.039	---	.44	<.9	<.47	<.4	52.1
030G-Y88	1.25	19.60	<.0102	<.025	---	.73	<.9	<.48	<.4	107.0
031G-Y88	5.27	7.48	<.0102	<.025	---	.64	<.9	<.48	<.4	33.8
031GRY88	1.85	7.89	<.0102	<.025	---	.52	<.9	<.45	<.4	32.9
032G-Y88	1.10	8.53	<.0195	<.047	---	.62	<.9	<.48	<.4	43.3
033G-Y88	3.64	12.70	<.0102	<.025	---	.87	<.9	<.49	.6	56.3
034G-Y88	1.65	5.62	<.0102	<.025	---	.46	<.9	<.49	<.4	40.7

Table 1a. continued

Field Number	Mo (ppm)	Pb (ppm)	Pd (ppm)--F	Pt (ppm)--F	Rh (ppm)--F	Sb (ppm)	Se (ppm)	Te (ppm)	Tl (ppm)	Zn (ppm)
034GRY88	1.54	5.30	<.0102	<.025	---	.28	<.9	<.46	<.4	35.1
035G-Y88	1.33	20.40	<.0122	<.029	---	.94	<.9	<.49	<.4	122.0
036G-Y88	3.44	20.30	<.0102	<.025	---	.40	<.9	<.49	<.4	20.7
037G-Y88	2.76	34.60	<.0133	<.032	---	1.35	<.9	<.48	<.4	80.3
038G-Y88	9.23	22.00	<.0102	<.025	---	.91	<.9	<.49	<.4	42.9
039G-Y88	1.95	9.04	<.0102	<.025	---	2.07	<.9	<.46	<.4	21.5
040G-Y88	3.88	15.10	<.0107	<.026	---	1.86	<.9	<.48	<.4	30.5
041G-Y88	1.16	8.03	<.0102	<.025	---	<.24	<.9	<.49	<.4	23.1
042G-Y88	5.30	86.00	<.0109	<.026	---	1.15	<.9	<.49	1.0	38.9
043G-Y88	2.84	37.30	<.0102	<.025	---	1.56	<.9	<.46	.6	27.2
043GRY88	5.33	37.60	<.0102	<.025	---	1.59	<.9	<.46	1.1	23.3
044G-Y88	4.24	42.00	<.0102	<.025	---	.93	<.9	<.48	<.4	38.8
045G-Y88	2.57	8.69	<.0102	<.025	---	.52	<.9	<.49	<.4	19.9
046G-Y88	15.60	10.40	<.0200	<.049	---	.38	<.9	<.49	<.4	33.8
047G-Y88	1.31	5.75	<.0102	<.025	---	.41	<.9	<.48	<.4	22.8
048G-Y88	4.55	8.47	<.0306	<.074	---	.45	<.9	<.47	<.4	22.5
049G-Y88	4.36	23.40	<.0102	<.025	---	.69	<.9	<.46	.5	57.9
050G-Y88	4.79	10.60	<.0173	<.042	---	.32	<.9	<.48	<.4	70.5
051G-Y88	3.50	6.27	<.0102	<.025	---	.30	<.9	<.48	<.4	19.5
052G-Y88	12.30	4.85	<.0102	<.025	---	.85	<.9	<.47	<.4	33.7
052GRY88	1.97	4.79	<.0102	<.025	---	.87	<.9	<.48	<.4	34.0
053G-Y88	1.11	4.45	<.0102	<.025	---	.45	<.9	<.47	<.4	22.0
054G-Y88	1.42	15.10	<.0102	<.025	---	.71	<.9	<.45	<.4	25.6
055G-Y88	1.59	11.00	<.0102	<.025	---	.91	<.9	<.48	<.4	28.5
056G-Y88	2.32	4.18	<.0102	<.025	---	.28	<.9	<.49	<.4	17.0
057G-Y88	2.08	20.70	<.0102	<.025	---	.47	<.9	<.49	<.4	28.0
058G-Y88	8.58	14.20	<.0179	<.043	---	1.09	<.9	<.48	2.1	49.6
059G-Y88	11.20	9.66	<.0102	<.025	---	.81	<.9	<.47	<.4	57.7
059GRY88	4.08	17.70	<.0102	<.025	---	.82	<.9	<.48	<.4	49.6
060G-Y88	3.25	9.76	<.0102	<.025	---	.88	<.9	<.47	<.4	35.8
061G-Y88	6.44	10.50	<.0102	<.025	---	.41	<.9	<.49	.8	32.8
061GRY88	2.52	9.02	<.0102	<.025	---	.28	<.9	<.48	<.4	30.3
062G-Y88	1.80	8.13	<.0102	<.025	---	.52	<.9	<.47	<.4	32.2
063G-Y88	4.45	13.50	<.0243	<.059	---	.73	<.9	<.47	<.4	27.9
064G-Y88	10.10	24.10	<.0102	<.025	---	.39	<.9	<.48	<.4	152.0
065G-Y88	5.37	51.10	<.0109	<.026	---	.67	<.9	<.48	<.4	162.0
066G-Y88	6.05	36.60	<.0102	<.025	---	.28	<.9	<.49	<.4	217.0

Table 1a. continued

Field Number	Mo (ppm)	Pb (ppm)	Pd (ppm)--F	Pt (ppm)--F	Rh (ppm)--F	Sb (ppm)	Se (ppm)	Te (ppm)	Tl (ppm)	Zn (ppm)
067G-Y88	3.63	13.00	<.0102	<.025	---	.28	<.9	<.49	<.4	58.1
068G-Y88	15.00	35.00	<.0228	<.055	---	.56	<.9	<.48	<.4	51.4
069G-Y88	5.96	6.90	<.0102	<.025	---	<.24	<.9	<.49	<.4	28.7
070G-Y88	5.49	31.30	<.0102	<.025	---	.57	<.9	<.47	.6	40.2
071G-Y88	1.72	12.10	<.0102	<.025	---	.51	<.9	<.48	<.4	39.9
072G-Y88	5.51	10.90	<.0102	<.025	---	.81	<.9	<.46	<.4	87.9
073G-Y88	2.43	7.53	<.0102	<.025	---	.54	<.9	<.46	<.4	25.8
074G-Y88	7.44	5.00	<.0102	<.025	---	<.24	<.9	<.49	<.4	35.0
075G-Y88	3.73	68.30	<.0102	<.025	---	.63	<.9	<.47	<.4	205.0
076G-Y88	7.41	10.40	<.0102	<.025	---	.41	<.9	<.47	<.4	42.9
077G-Y88	10.10	11.90	<.0102	<.025	---	1.20	<.9	<.49	<.4	58.0
078G-Y88	3.90	6.53	<.0102	<.025	---	1.01	<.9	<.47	.5	43.5
078GRY88	1.72	5.09	<.0102	<.025	---	.93	<.9	<.48	<.4	43.9
079G-Y88	12.60	6.08	<.0150	<.036	---	.55	<.9	<.49	<.4	31.7
080G-Y88	2.77	9.78	<.0102	<.025	---	.35	<.9	<.46	<.4	30.4
080GRY88	1.35	8.26	<.0102	<.025	---	.36	<.9	<.47	<.4	18.6
081G-Y88	3.49	12.90	<.0102	<.025	---	.48	<.9	<.45	<.4	36.7
082G-Y88	2.30	16.80	<.0121	<.029	---	1.65	<.9	<.47	<.4	31.5
083G-Y88	5.61	21.50	<.0214	<.052	---	1.42	<.9	<.46	<.4	41.8
084G-Y88	18.50	11.40	<.0216	<.052	---	.37	<.9	<.49	<.4	64.3
085G-Y88	6.44	102.00	<.0432	<.105	---	.56	<.9	<.45	<.4	91.5
086G-Y88	5.48	11.80	<.0212	<.052	---	.44	<.9	<.48	<.4	21.2
087G-Y88	2.83	136.00	<.0102	<.025	---	1.11	<.9	<.49	<.4	119.0
088G-Y88	5.00	15.20	<.0102	<.025	---	.35	<.9	<.49	<.4	31.0
089G-Y88	4.30	87.50	<.0102	<.025	---	.76	<.9	<.46	.8	91.7
090G-Y88	1.30	7.95	<.0121	<.029	---	.35	<.9	<.46	<.4	30.9
091G-Y88	3.94	55.60	<.0159	<.038	---	1.21	<.9	<.48	<.4	66.8
092G-Y88	3.87	26.50	<.0102	<.025	---	.80	<.9	<.49	<.4	33.6
093G-Y88	3.12	151.00	<.0102	<.025	---	.70	<.9	<.48	<.4	97.8
094G-Y88	1.66	27.60	<.0102	<.025	---	.50	<.9	<.48	<.4	39.4
095G-Y88	1.39	12.70	<.0156	<.038	---	.52	<.9	<.46	<.4	39.5
096G-Y88	4.77	3.42	<.0102	<.025	---	.36	<.9	<.45	<.4	9.3
097G-Y88	8.01	21.00	<.0329	<.080	---	.62	<.9	<.47	<.4	20.3
098G-Y88	4.73	12.40	<.0223	<.054	---	.31	<.9	<.46	<.4	26.1
099G-Y88	21.80	24.00	<.0159	<.039	---	1.44	<.9	<.48	<.4	69.4
100G-Y88	16.70	13.90	<.0222	<.054	---	.61	<.9	<.49	<.4	45.0
101G-Y88	9.57	53.10	<.0135	<.033	---	.56	<.9	.84	<.4	82.0

Table 1a. continued

Field Number	Mo (ppm)	Pb (ppm)	Pd (ppm)--F	Pt (ppm)--F	Rh (ppm)--F	Sb (ppm)	Se (ppm)	Te (ppm)	Tl (ppm)	Zn (ppm)
102G-Y88	19.90	5.40	<.0136	<.033	---	.70	<.9	<.49	<.4	22.4
103G-Y88	6.00	11.10	<.0155	<.037	---	.41	<.9	<.48	<.4	38.6
105G-Y88	1.91	5.16	<.0102	<.025	---	.34	<.9	<.47	<.4	27.4
106G-Y88	1.18	10.00	<.0102	<.025	---	.37	<.9	<.48	<.4	26.2
107G-Y88	2.24	3.23	<.0102	<.025	---	.38	<1.0	<.50	<.5	18.6
108G-Y88	3.65	5.62	<.0102	<.025	---	.78	<.9	<.47	.7	19.7
109G-Y88	3.18	775.00	<.0183	<.044	---	<.22	4.9	<.45	<.4	2962.0
110G-Y88	6.59	63.20	<.0102	<.025	---	1.21	<.9	<.49	<.4	18.4
111G-Y88	1.33	5.38	<.0102	<.025	---	.31	<.9	<.45	<.4	15.4
112G-Y88	6.07	8.76	<.0141	<.034	---	.41	<.9	<.48	<.4	17.1
113G-Y88	1.35	5.86	<.0102	<.025	---	.37	<.9	<.47	<.4	17.6
114G-Y88	4.39	9.38	<.0155	<.038	---	<.24	<.9	<.48	<.4	19.4
115G-Y88	7.29	28.10	<.0102	<.025	---	.85	<.9	<.49	<.4	37.7
116G-Y88	1.34	3.65	<.0102	<.025	---	.26	<.9	<.45	<.4	13.5
117G-Y88	3.28	10.10	<.0102	<.025	---	.37	1.1	<.47	<.4	23.9
118G-Y88	4.20	17.60	<.0102	<.025	---	.45	<.9	<.46	<.4	25.0
119G-Y88	4.33	11.80	<.0102	<.025	---	.81	<.9	<.45	<.4	13.8
120G-Y88	3.31	2.72	<.0102	<.025	---	.33	<.9	<.48	<.4	8.7
120GRY88	1.31	2.64	<.0102	<.025	---	<.24	<.9	<.49	<.4	4.4
122G-Y88	2.84	9.09	<.0102	<.025	---	<.24	<.9	<.49	<.4	16.9
123G-Y88	1.68	5.80	<.0102	<.025	---	.26	<.9	<.47	<.4	24.6
123GRY88	2.46	4.85	<.0102	<.025	---	<.24	<.9	<.48	<.4	11.3
124G-Y88	2.01	4.50	<.0102	<.025	---	.32	<.9	<.46	<.4	14.8
125G-Y88	4.93	4.22	<.0102	<.025	---	.42	<.9	<.49	<.4	28.3
125GRY88	2.32	4.63	<.0102	<.025	---	.53	<.9	<.46	<.4	26.6
126G-Y88	3.48	5.61	<.0102	<.025	---	.35	<.9	<.48	<.4	56.7
127G-Y88	2.63	4.53	<.0102	<.025	---	.65	<.9	<.47	<.4	29.6
128G-Y88	3.82	7.96	<.0102	<.025	---	1.59	1.8	.58	1.2	49.8
129G-Y88	7.74	163.00	<.0111	<.027	---	1.31	2.3	.58	<.4	114.0
130G-Y88	3.66	47.20	<.0163	<.039	---	1.37	<.9	<.47	<.4	118.0
131G-Y88	2.07	21.00	<.0102	<.025	---	.83	<.9	<.47	<.4	94.6
132G-Y88	2.32	11.60	<.0102	<.025	---	.78	<.9	<.45	2.2	57.3
133G-Y88	3.08	3.95	<.0102	<.025	---	<.24	<.9	<.49	<.4	31.8
134G-Y88	1.09	5.84	<.0102	<.025	---	<.22	<.9	<.45	<.4	51.1
134GRY88	.98	5.64	<.0102	<.025	---	.27	<.9	<.46	<.4	50.3
135G-Y88	2.38	6.48	<.0102	<.025	---	.34	<.9	<.48	.7	104.0
136G-Y88	1.34	5.02	<.0102	<.025	---	.49	<.9	<.49	<.4	42.6

Table 1a. continued

Field Number	Mo (ppm)	Pb (ppm)	Pd (ppm)--F	Pt (ppm)--F	Rh (ppm)--F	Sb (ppm)	Se (ppm)	Te (ppm)	Tl (ppm)	Zn (ppm)
137G-Y88	1.74	6.20	<.0102	<.025	---	1.44	<.9	<.45	1.2	29.2
139G-Y88	2.02	5.09	<.0102	<.025	---	.28	<.9	<.49	.5	48.7
140G-Y88	1.42	5.20	<.0102	<.025	---	.27	<.9	<.46	<.4	24.9
141G-Y88	1.54	4.86	<.0102	<.025	---	<.23	<.9	<.46	<.4	35.0
142G-Y88	2.49	5.60	<.0102	<.025	---	.73	<.9	<.49	<.4	29.6
142GRY88	3.16	5.96	<.0102	<.025	---	.91	<.9	<.49	.9	32.6
143G-Y88	1.76	6.34	<.0102	<.025	---	<.24	<.9	<.49	<.4	74.5
143GRY88	2.17	7.54	<.0102	<.025	---	.40	<.9	<.47	<.4	70.0
144G-Y88	2.38	5.33	<.0102	<.025	---	.43	<.9	<.49	<.4	21.8
145G-Y88	1.69	8.55	<.0102	<.025	---	.52	<.9	<.49	<.4	87.8
146G-Y88	13.80	10.40	<.0202	<.049	---	1.23	<.9	<.48	<.4	35.8
147G-Y88	5.66	11.00	<.0105	<.025	---	1.00	<.9	<.46	.5	46.3
148G-Y88	1.49	5.65	<.0102	<.025	---	.78	<.9	<.48	<.4	20.1
149G-Y88	3.19	5.64	<.0102	<.025	---	<.24	<.9	<.48	<.4	39.7
150G-Y88	1.93	7.41	<.0124	<.030	---	.46	<.9	<.49	<.4	46.7
151G-Y88	1.08	3.67	<.0102	<.025	---	<.20	<.8	<.40	<.4	25.8
152G-Y88	2.31	8.69	<.0102	<.025	---	.67	<.9	<.47	<.4	46.5
153G-Y88	1.72	6.62	<.0102	<.025	---	.78	<.9	<.48	<.4	63.5
154G-Y88	1.12	3.38	<.0102	<.025	---	<.23	<.9	<.47	<.4	26.2
155G-Y88	2.10	8.19	<.0102	<.025	---	1.58	<.9	<.48	<.4	50.3
156G-Y88	2.84	7.44	<.0102	<.025	---	.59	<.9	<.48	<.4	53.4
156GRY88	1.29	8.64	<.0102	<.025	---	.72	<.9	<.48	.6	47.9
157G-Y88	3.78	10.50	<.0418	<.102	---	<.24	<.9	<.48	1.9	66.3
158G-Y88	2.40	8.90	<.0102	<.025	---	.27	1.5	<.45	<.4	93.0
159G-Y88	3.37	23.20	<.0102	<.025	---	.94	<.9	<.48	.9	70.0
160G-Y88	1.72	14.70	<.0102	<.025	---	.87	<.9	<.48	1.3	77.7
161G-Y88	1.79	16.10	<.0102	<.025	---	.26	<.9	<.49	<.4	102.0
162G-Y88	1.38	13.40	<.0102	<.025	---	.31	<.9	<.47	.7	85.8
163G-Y88	6.90	23.10	<.0206	<.050	---	1.88	2.1	.68	<.4	50.4
165G-Y88	4.23	12.70	<.0118	<.028	---	.39	<.9	<.47	<.4	56.7
166G-Y88	6.83	15.30	<.0124	<.030	---	.48	<.9	<.48	<.4	53.6
167G-Y88	3.08	17.90	<.0102	<.025	---	.78	<.9	<.47	.9	63.8
168G-Y88	2.64	27.00	<.0102	<.025	---	.90	<.9	<.49	.5	63.1
168GRY88	6.72	27.60	<.0102	<.025	---	.95	<.9	<.48	<.4	65.9
169G-Y88	2.33	24.00	<.0108	<.026	---	1.15	<.9	<.49	1.1	109.0
170G-Y88	4.62	17.00	<.0102	<.025	---	.79	<.9	<.47	<.4	63.2
171G-Y88	2.34	19.70	<.0206	<.050	---	.65	<.9	<.46	1.8	52.0

Table 1a. continued

Field Number	Mo (ppm)	Pb (ppm)	Pd (ppm)--F	Pt (ppm)--F	Rh (ppm)--F	Sb (ppm)	Se (ppm)	Te (ppm)	Tl (ppm)	Zn (ppm)
172G-Y88	13.40	24.90	<.0354	<.086	---	1.25	<.9	<.48	<.4	84.4
173G-Y88	3.31	28.70	<.0102	<.025	---	.37	<.9	<.47	<.4	32.1
174G-Y88	6.73	7.80	<.0102	<.025	---	.43	<.9	<.48	<.4	42.9
174GRY88	5.85	9.07	<.0102	<.025	---	.30	<.9	<.49	<.4	42.4
177G-Y88	2.81	6.97	<.0102	<.025	---	.48	<.9	<.47	.6	46.5
178G-Y88	6.37	10.80	<.0286	<.070	---	1.04	<.9	<.49	1.0	60.7
179G-Y88	2.63	8.06	<.0206	<.050	---	1.26	1.0	<.48	<.4	53.8
180G-Y88	3.41	10.30	<.0102	<.025	---	<.23	<.9	<.47	<.4	78.3
181G-Y88	5.45	8.81	<.0302	<.073	---	.51	<.9	<.48	2.5	73.1
182G-Y88	3.37	7.29	<.0206	<.050	---	.55	<.9	<.47	.7	93.5
187G-Y88	2.55	10.50	<.0206	<.050	---	1.04	<.9	<.49	<.4	69.3
189G-Y88	4.66	10.70	<.0150	<.036	---	.56	<.9	<.47	4.4	99.8
190G-Y88	3.60	17.30	<.0293	<.071	---	.52	<.9	<.47	<.4	22.4
191G-Y88	1.79	8.74	<.0165	<.040	---	.74	<.9	<.48	<.4	48.5
192G-Y88	1.25	7.37	<.0202	<.049	---	.26	<.9	<.46	<.4	22.4
193G-Y88	2.21	6.19	<.0102	<.025	---	.43	<.9	<.46	2.9	59.5
194G-Y88	1.77	7.32	<.0205	<.050	---	.55	<.9	<.49	.5	72.6
195G-Y88	2.43	6.52	<.0102	<.025	---	<.23	<.9	<.46	<.4	55.2
196G-Y88	2.73	6.77	<.0206	<.050	---	<.24	<.9	<.48	.6	47.5
196GRY88	2.76	7.00	<.0206	<.050	---	.45	<.9	<.47	.6	50.7
197G-Y88	2.01	7.65	<.0206	<.050	---	.64	2.4	.57	<.4	42.8
198G-Y88	1.65	7.31	<.0206	<.050	---	.51	<.9	<.48	1.2	68.5
200G-Y88	1.56	8.49	<.0123	<.030	---	.39	<.9	<.47	.4	88.2
202G-Y88	.70	3.64	<.0102	<.025	---	.36	<.9	<.46	<.4	27.9
203G-Y88	.89	8.22	<.0109	<.026	---	<.24	<.9	<.48	<.4	23.2
204G-Y88	1.72	4.59	<.0102	<.025	---	.24	<.9	<.48	<.4	16.8
205G-Y88	2.33	5.60	<.0102	<.025	---	.31	<.9	<.47	<.4	16.1
206G-Y88	1.35	8.73	<.0102	<.025	---	.47	<.9	<.47	<.4	20.9
207G-Y88	1.55	10.10	<.0151	<.036	---	.65	<.9	<.48	<.4	58.2
208G-Y88	2.15	44.00	<.0102	<.025	---	1.28	<.9	<.49	<.4	50.7
209G-Y88	1.95	20.80	<.0102	<.025	---	.41	<.9	<.47	<.4	42.9
209GRY88	1.71	29.00	<.0102	<.025	---	.51	<.9	<.46	<.4	39.1
210G-Y88	2.57	10.90	<.0102	<.025	---	.47	<.9	<.49	<.4	22.8
211G-Y88	3.58	8.71	<.0264	<.064	---	.48	<.9	<.48	<.4	59.4
212G-Y88	1.38	6.32	<.0315	<.077	---	.42	<.9	<.49	<.4	38.8
213G-Y88	7.71	4.31	<.0102	<.025	---	.33	<.9	<.48	<.4	68.9
214G-Y88	2.67	5.90	<.0141	<.034	---	.35	<.9	<.48	<.4	47.5

Table 1a. continued

Field Number	Mo (ppm)	Pb (ppm)	Pd (ppm)--F	Pt (ppm)--F	Rh (ppm)--F	Sb (ppm)	Se (ppm)	Te (ppm)	Tl (ppm)	Zn (ppm)
215G-Y88	3.88	8.99	<.0154	<.037	---	.52	<.9	<.49	<.4	67.3
216G-Y88	6.87	19.40	<.0224	<.054	---	.94	<.9	<.48	.4	37.2
217G-Y88	3.88	5.07	<.0102	<.025	---	.30	<.9	<.49	<.4	44.4
217GRY88	1.24	4.80	<.0102	<.025	---	.28	<.9	<.48	<.4	44.9
218G-Y88	3.25	6.00	<.0115	<.028	---	.98	<.9	<.48	<.4	43.5
219G-Y88	2.33	7.27	<.0102	<.025	---	.39	<.9	<.49	<.4	69.1
221G-Y88	2.03	5.73	<.0120	<.029	---	<.23	<.9	<.47	<.4	47.9
222G-Y88	1.69	5.69	<.0102	<.025	---	.43	<.9	<.46	<.4	49.1
223G-Y88	4.26	6.24	<.0307	<.075	---	.59	<.9	<.49	.5	59.0
225G-Y88	2.18	7.15	<.0102	<.025	---	1.17	<.9	<.47	<.4	17.5
226G-Y88	5.44	29.30	<.0102	<.025	---	.73	<.9	<.49	<.4	45.5
227G-Y88	1.84	8.49	<.0102	<.025	---	.66	<.9	<.46	<.4	20.4
228G-Y88	1.37	14.40	<.0102	<.025	---	<.24	<.9	<.49	<.4	16.3
229G-Y88	6.23	64.20	<.0151	<.036	---	1.14	<.9	<.48	<.4	59.1
230G-Y88	3.08	25.70	<.0223	<.054	---	1.01	<.9	<.48	<.4	71.2
231G-Y88	.86	6.70	<.0112	<.027	---	.34	<.9	<.49	<.4	27.1
232G-Y88	3.80	10.00	<.0010	<.002	---	.54	<.9	<.48	<.4	29.1
233G-Y88	1.76	3.27	<.0102	<.025	---	<.24	<.9	<.49	<.4	12.7
234G-Y88	11.80	6.86	<.0193	<.047	---	.57	<.9	<.48	<.4	41.6
235G-Y88	1.94	4.99	<.0326	<.079	---	.55	<.9	<.49	<.4	15.4
236G-Y88	1.18	2.43	<.0102	<.025	---	<.24	<.9	<.49	<.4	5.7
237G-Y88	4.16	6.70	<.0511	<.124	---	.42	<.9	<.49	<.4	24.4
238G-Y88	.49	5.02	<.0102	<.025	---	.66	<.9	<.45	<.4	9.1
239G-Y88	.83	5.01	<.0102	<.025	---	.63	<.9	<.48	<.4	18.2
240G-Y88	1.41	7.39	<.0102	<.025	---	.34	<.9	<.47	<.4	20.0
241G-Y88	2.56	7.88	<.0102	<.025	---	<.24	<.9	<.48	<.4	18.8
242G-Y88	2.22	467.00	<.0116	<.028	---	.99	<.9	<.49	.5	161.0
242GRY88	1.76	393.00	<.0102	<.025	---	.77	<.9	<.47	.6	118.0
243G-Y88	1.66	45.50	<.0160	<.039	---	<.24	<.9	<.48	<.4	33.0
244G-Y88	3.28	5.13	<.0102	<.025	---	<.23	<.9	<.46	<.4	29.0
245G-Y88	.53	5.68	<.0102	<.025	---	.32	<.9	<.48	<.4	15.6
246G-Y88	2.14	19.20	<.0102	<.025	---	.52	<.9	<.47	<.4	44.5
247G-Y88	8.60	6.99	<.0102	<.025	---	.27	<.9	<.49	<.4	21.7
248G-Y88	1.71	16.20	<.0102	<.025	---	.68	<.9	<.49	<.4	32.3
249G-Y88	2.34	7.16	<.0102	<.025	---	.53	<.9	<.46	<.4	41.8
250G-Y88	14.30	2.74	<.0102	<.025	---	.81	<.9	<.48	<.4	13.0
252G-Y88	3.69	6.70	<.0005	<.001	<.0005	.71	<.9	<.46	<.4	22.3

Table 1a. continued

Field Number	Mo (ppm)	Pb (ppm)	Pd (ppm)--F	Pt (ppm)--F	Rh (ppm)--F	Sb (ppm)	Se (ppm)	Te (ppm)	Tl (ppm)	Zn (ppm)
253G-Y88	2.82	5.96	<.0005	<.001	.0005	.59	<.9	<.46	<.4	25.6
254G-Y88	1.65	5.61	<.0005	<.001	<.0005	.45	<.9	<.46	<.4	21.5
255G-Y88	2.52	17.00	<.0005	<.001	<.0005	1.59	<.9	.76	.5	51.5
256G-Y88	3.57	6.74	.0005	<.001	<.0005	.29	<.9	<.48	<.4	30.3
257G-Y88	2.25	8.07	<.0005	<.001	<.0005	.48	<.9	<.48	<.4	23.7
258G-Y88	1.77	5.86	<.0005	<.001	<.0005	.45	<.9	<.48	<.4	26.5
259G-Y88	1.14	12.80	<.0005	<.001	<.0005	.32	<.9	<.46	<.4	29.1
260G-Y88	2.75	5.97	<.0005	<.001	<.0005	.64	<.9	<.48	<.4	20.3
260GRY88	4.51	9.47	<.0005	<.001	<.0005	.72	<.9	<.46	.5	22.9
261G-Y88	1.14	19.60	<.0005	<.001	<.0005	.53	<.9	<.46	<.4	27.7
262G-Y88	2.94	16.10	.0005	<.001	<.0005	.67	<.9	<.48	<.4	45.1
262GRY88	3.31	15.60	.0008	<.001	<.0005	.70	<.9	<.47	.4	47.7
263G-Y88	2.28	6.79	<.0005	<.001	<.0005	.32	<.9	<.49	<.4	19.7
264G-Y88	3.29	6.12	<.0005	<.001	<.0005	.50	<.9	<.47	<.4	15.7
265G-Y88	2.73	6.09	<.0005	<.001	<.0005	.30	<.9	<.46	<.4	17.2
265GRY88	3.28	7.62	<.0005	<.001	<.0005	.80	<.9	<.47	.5	20.7
266G-Y88	1.37	5.33	.0008	<.001	<.0005	.24	<.9	<.46	<.4	18.5
267G-Y88	2.07	5.70	<.0005	<.001	<.0005	.41	<.9	<.46	<.4	20.9
267GRY88	2.03	5.71	<.0005	<.001	.0007	.66	<.9	<.47	<.4	22.3
268G-Y88	1.50	5.55	<.0005	<.001	<.0005	.42	<.9	<.48	<.4	19.3
269G-Y88	2.25	6.62	<.0005	<.001	<.0005	.57	<.9	<.46	<.4	22.0
270G-Y88	2.80	9.30	.0006	<.001	<.0005	.75	<.9	<.48	<.4	25.7
271G-Y88	3.02	13.50	.0011	<.001	<.0005	.42	<.9	<.46	<.4	32.0
272G-Y88	3.39	12.20	<.0005	<.001	<.0005	.53	<.9	<.46	.6	28.2
272GRY88	2.96	12.30	.0005	<.001	<.0005	.31	<.9	<.48	<.4	23.3
273G-Y88	1.46	9.60	.0007	<.001	<.0005	.44	<.9	<.45	<.4	18.4
274G-Y88	2.06	5.14	<.0005	<.001	<.0005	.36	<.9	<.46	.9	22.6
275G-Y88	7.69	8.66	<.0005	<.001	<.0005	.87	<.9	<.47	.8	32.6
276G-Y88	3.16	7.19	<.0005	<.001	<.0005	.28	<.9	<.49	<.4	24.5
277G-Y88	2.61	7.06	.0006	<.001	<.0005	.50	<.9	<.48	<.4	26.4
278G-Y88	8.63	14.00	<.0005	<.001	.0008	.35	<.9	<.47	<.4	30.1
279G-Y88	3.26	7.78	<.0005	<.001	<.0005	.38	<.9	<.48	<.4	41.4
280G-Y88	2.71	14.20	.0005	<.001	<.0005	.44	<.9	<.46	<.4	30.8
281G-Y88	1.06	19.40	<.0005	<.001	<.0005	.41	<.9	<.48	.7	22.1
282G-Y88	2.67	10.90	<.0005	<.001	<.0005	.42	<.9	<.48	<.4	19.3
283G-Y88	3.68	10.00	.0005	<.001	<.0005	.76	<.9	<.47	.4	21.5
284G-Y88	10.70	7.99	---	---	---	.46	<.9	<.49	<.4	37.7

Table 1a. continued

Field Number	Mo (ppm)	Pb (ppm)	Pd (ppm)--F	Pt (ppm)--F	Rh (ppm)--F	Sb (ppm)	Se (ppm)	Te (ppm)	Tl (ppm)	Zn (ppm)
285G-Y88	1.72	13.30	<.0005	<.001	.0007	.64	<.9	<.46	<.4	23.9
286G-Y88	6.16	6.41	<.0005	<.001	<.0005	.86	<1.4	<.70	.7	26.3
287G-Y88	3.10	14.70	<.0005	<.001	<.0005	.74	<.9	<.46	<.4	80.7
288G-Y88	5.07	33.90	<.0005	<.001	<.0005	.81	<.9	<.47	<.4	61.5
289G-Y88	5.46	7.86	---	---	---	.95	<.9	<.48	<.4	71.1
290G-Y88	5.20	123.00	<.0005	<.001	<.0005	2.95	<.9	<.47	<.4	109.0
291G-Y88	1.23	10.90	---	---	---	.92	<.9	<.46	<.4	123.0
292G-Y88	8.12	19.40	---	---	---	1.18	<.9	.69	<.4	131.0
293G-Y88	1.42	18.40	---	---	---	.78	<.9	<.46	<.4	94.3

Table 1b. Geochemical Analyses of Stream Sediments
1988 Reconnaissance Survey

Field Number	Latitude	Longitude	Ag (ppm)	Au (ppm)	As (ppm)	Bi (ppm)	Cd (ppm)	Cu (ppm)	Ga (ppm)	Hg (ppm)
001S-Y88	35.7839	113.3442	<.0030	.0004	8.1	.05	.05	9.64	.8	<.02
002S-Y88	35.7783	113.3411	<.0030	.0002	8.1	.06	.05	7.80	.7	<.02
003S-Y88	35.7778	113.3428	<.0030	.0003	15.9	.06	<.02	14.70	1.6	<.02
004S-Y88	35.7775	113.3375	.0176	.0014	8.8	.46	.11	92.80	3.7	<.02
005S-Y88	35.7700	113.3403	.0135	<.0002	5.1	.20	.05	15.60	2.1	<.02
006S-Y88	35.7758	113.3333	.0229	.0058	7.3	.13	.02	10.20	1.2	<.02
007S-Y88	35.7750	113.3333	.0057	<.0002	6.8	.12	.02	8.78	1.2	<.02
008S-Y88	35.7772	113.3322	<.0030	<.0002	7.6	<.04	.02	4.21	.5	<.02
009S-Y88	35.7789	113.3311	.0067	<.0002	6.1	.17	.06	14.80	2.3	<.02
010S-Y88	35.7783	113.3308	<.0030	<.0002	6.8	<.04	.06	4.19	.6	<.02
011SRY88	35.7769	113.3269	<.0030	<.0002	5.2	<.05	.07	3.57	.5	<.02
011S-Y88	35.7769	113.3269	<.0030	<.0002	5.1	<.05	.06	3.66	.5	<.02
012S-Y88	35.7900	113.3375	<.0030	<.0002	5.8	.13	<.02	12.00	1.4	<.02
013S-Y88	35.7969	113.3342	.0197	.0011	2.2	<.05	.03	17.00	1.2	<.02
015S-Y88	35.7872	113.3303	<.0030	<.0002	5.6	.12	<.02	9.98	1.0	<.02
016S-Y88	35.8050	113.3292	<.0030	<.0002	6.5	.13	<.02	21.20	2.0	<.02
017S-Y88	35.8067	113.3256	.0059	.0006	5.1	.10	<.02	29.70	2.9	<.02
018S-Y88	35.8056	113.3253	<.0030	<.0002	6.2	.10	<.02	12.00	1.2	<.02
019SRY88	35.8025	113.3222	.0057	.0022	6.3	.14	<.02	10.90	1.3	<.02
019S-Y88	35.8025	113.3222	.0068	<.0002	6.4	.17	<.02	11.10	1.3	<.02
020S-Y88	35.8008	113.3175	.0033	<.0002	7.7	.12	<.02	8.67	.8	<.02
021SRY88	35.8125	113.3056	.0107	<.0002	7.1	.06	.09	5.97	1.1	<.02
021S-Y88	35.8125	113.3056	.0121	.0011	6.9	.05	.09	5.88	1.0	<.02
022SRY88	35.8122	113.3075	.0031	<.0002	3.3	<.05	.11	2.79	.4	<.02
022S-Y88	35.8122	113.3075	.0052	<.0002	3.2	<.04	.10	2.73	.4	<.02
023S-Y88	35.8092	113.3036	<.0030	<.0002	4.2	<.05	.12	2.88	.4	<.02
024S-Y88	35.8125	113.2997	.0056	<.0002	6.5	<.05	.09	3.44	.7	<.02
025S-Y88	35.8194	113.3239	.0048	<.0002	6.2	<.05	.03	6.56	.9	<.02
026S-Y88	35.8214	113.3167	.0041	<.0002	7.4	<.05	.03	9.20	1.2	<.02
027S-Y88	35.8206	113.3164	.0054	<.0002	8.2	.10	.04	9.61	1.2	<.02
028S-Y88	35.8211	113.3119	<.0030	<.0002	4.2	<.04	.09	2.90	.4	<.02
029SRY88	35.8219	113.3114	.0059	.0003	6.0	.09	<.02	13.30	2.1	.02
029S-Y88	35.8219	113.3114	<.0030	.0014	5.8	.07	<.02	12.90	1.9	.03
030S-Y88	35.8261	113.3103	.0047	.0004	7.5	<.05	.06	10.90	1.4	<.02
031S-Y88	35.8325	113.3056	.0061	.0009	6.4	<.04	.08	7.04	1.0	<.02
032S-Y88	35.8361	113.3011	.0287	.0006	5.9	.14	.11	46.70	6.1	.20
033S-Y88	35.8369	113.3011	.0188	.0009	5.8	.07	.10	12.00	1.5	<.02

Table 1b. continued

Field Number	Latitude	Longitude	Ag (ppm)	Au (ppm)	As (ppm)	Bi (ppm)	Cd (ppm)	Cu (ppm)	Ga (ppm)	Hg (ppm)
034S-Y88	35.7122	113.3736	.0079	.0010	6.1	.12	<.02	11.70	2.2	<.02
035S-Y88	35.8492	113.2928	.0107	.0009	9.6	.05	<.02	14.10	1.5	<.02
036S-Y88	35.8497	113.2914	.0121	.0015	14.9	.08	<.02	9.43	1.3	<.02
037S-Y88	35.8522	113.2919	.0098	.0004	10.4	<.05	<.02	8.45	.8	<.02
038S-Y88	35.8539	113.2900	.0086	.0016	3.3	<.05	.14	2.43	.3	<.02
039S-Y88	35.8547	113.2897	.0097	<.0002	6.2	<.05	.08	6.38	.6	<.02
040S-Y88	35.8597	113.2864	.0130	.0007	6.9	<.05	.10	7.35	.8	<.02
041S-Y88	35.6333	113.4175	.0091	.0004	32.3	.07	<.02	9.32	1.2	<.02
042S-Y88	35.6314	113.4136	.0102	.0009	32.3	.11	.03	9.56	1.5	.03
043S-Y88	35.6300	113.4100	.0059	<.0002	50.7	.44	<.02	10.70	2.9	.10
044S-Y88	35.6811	113.4056	.0160	.0004	18.2	.06	.08	9.86	1.6	<.02
045S-Y88	35.6819	113.4047	.0144	.0007	7.4	.12	<.02	9.38	1.4	<.02
046S-Y88	35.6881	113.4042	.0237	.0089	14.0	.21	.08	11.70	2.1	.02
047S-Y88	35.6933	113.3994	.0142	.0003	8.7	.17	.02	10.30	1.7	.02
048S-Y88	35.7547	113.3494	.0131	<.0002	5.5	<.05	.13	2.98	.4	<.02
049S-Y88	35.7525	113.3456	.0087	.0010	7.5	.05	.14	3.41	.5	<.02
050S-Y88	35.7525	113.3419	---	---	--	---	---	---	--	---
051S-Y88	35.7514	113.3414	.0117	<.0002	7.8	<.05	.22	5.20	.9	<.02
052S-Y88	35.7133	113.3711	.0243	<.0002	9.9	.21	.02	13.10	2.4	.05
053S-Y88	35.7092	113.3700	.0164	<.0002	6.3	.16	<.02	12.30	1.7	.02
054S-Y88	35.7103	113.3689	.0109	.0009	12.9	.11	.03	11.80	1.2	<.02
055S-Y88	35.7103	113.3667	.0119	<.0002	13.1	.11	.04	14.80	1.3	<.02
056S-Y88	35.7067	113.3642	.0070	.0012	9.3	.16	<.02	9.60	1.2	<.02
057S-Y88	35.7053	113.3647	.0080	<.0002	12.0	.09	<.02	7.99	1.1	<.02
058S-Y88	35.7222	113.3692	.0161	<.0002	10.2	.21	.02	11.80	2.0	.02
059S-Y88	35.7269	113.3711	.0190	.0008	9.8	.16	.02	12.30	2.0	<.02
060SRY88	35.7289	113.3650	.0099	<.0002	8.0	.20	<.02	12.40	1.8	<.02
060S-Y88	35.7289	113.3650	.0070	.0021	7.8	.17	<.02	12.20	1.7	<.02
061S-Y88	35.7297	113.3639	.0090	<.0002	6.9	.16	<.02	10.90	1.2	<.02
062S-Y88	35.7308	113.3692	.0060	<.0002	7.9	.21	<.02	11.30	1.2	<.02
063S-Y88	35.7281	113.3567	.0145	<.0002	6.4	.16	<.02	11.90	1.3	<.02
064S-Y88	35.7331	113.3608	.0307	.0012	6.8	.29	.31	19.10	3.3	.02
065S-Y88	35.7389	113.3636	.0114	.0015	6.9	.41	.29	35.30	3.9	.05
066S-Y88	35.7431	113.3592	.0394	.0012	6.8	.87	.28	41.60	5.7	.09
067S-Y88	35.7492	113.3569	.0115	.0010	9.9	.37	.06	17.80	2.5	.06
068S-Y88	35.7431	113.3497	.0281	.0018	8.3	.26	.16	16.60	2.2	.03
069S-Y88	35.7494	113.3467	.0091	.0011	5.7	<.05	.12	3.02	.4	<.02

Table 1b. continued

Field Number	Latitude	Longitude	Ag (ppm)	Au (ppm)	As (ppm)	Bi (ppm)	Cd (ppm)	Cu (ppm)	Ga (ppm)	Hg (ppm)
070S-Y88	35.7439	113.3411	.0051	.0004	6.1	<.05	.08	3.40	.4	<.02
071S-Y88	35.7444	113.3400	<.0030	.0068	6.4	<.04	.08	6.30	1.1	<.02
072S-Y88	35.7464	113.3358	.0228	<.0002	4.6	.19	.17	21.10	3.0	.02
073S-Y88	35.7444	113.3319	.0129	<.0002	11.9	.16	.09	6.13	.2	.05
074S-Y88	35.7436	113.3319	<.0030	.0033	3.9	<.05	.08	1.59	.2	<.02
075S-Y88	35.7394	113.3325	.4870	<.0002	222.0	2.31	1.31	190.00	3.6	.02
076S-Y88	35.7389	113.3319	.0057	<.0002	9.9	.07	.05	8.68	1.2	<.02
077S-Y88	35.7406	113.3311	<.0030	<.0002	4.7	<.05	.08	2.05	.3	<.02
078SRY88	35.7386	113.3250	.0127	<.0002	6.0	.11	<.02	12.30	2.6	.05
078S-Y88	35.7386	113.3250	.0124	.0018	5.9	.10	<.02	11.90	2.4	.05
079S-Y88	35.7403	113.3200	.0094	.0031	5.5	.09	.06	9.97	2.1	<.02
080SRY88	35.7389	113.3206	<.0030	.0014	3.8	<.05	.09	2.00	.3	<.02
080S-Y88	35.7389	113.3206	<.0030	<.0002	3.7	<.05	.06	1.97	.3	<.02
081S-Y88	35.7367	113.3189	<.0030	<.0002	6.4	.14	<.02	7.75	.8	<.02
082S-Y88	35.7378	113.3147	<.0030	.0016	5.0	<.05	.08	2.47	.2	<.02
083S-Y88	35.7425	113.3086	.0087	.0054	4.1	.08	.12	4.66	.6	<.02
084S-Y88	35.7369	113.3144	<.0030	<.0002	5.5	<.05	.13	2.61	.4	<.02
085S-Y88	35.7347	113.3067	<.0030	.0005	5.1	<.05	.10	2.27	.3	<.02
086S-Y88	35.7306	113.3025	.0037	.0014	4.1	<.05	.09	2.02	.2	<.02
087S-Y88	35.7308	113.3036	.0047	<.0002	6.4	<.05	.15	2.83	.4	<.02
088S-Y88	35.7275	113.3031	.0183	.0004	13.0	.08	.04	9.00	1.3	<.02
089S-Y88	35.7272	113.3022	.0058	.0002	7.7	<.05	.20	3.31	.7	<.02
090S-Y88	35.7322	113.2939	.0036	<.0002	4.4	<.05	.09	2.71	.4	<.02
091S-Y88	35.7161	113.2969	.0050	<.0002	10.2	.10	.04	7.99	1.0	<.02
092S-Y88	35.7158	113.2953	.0141	<.0002	7.2	.17	.06	8.62	1.4	<.02
093SRY88	35.7150	113.2961	<.0030	<.0002	4.5	<.05	.15	1.84	.4	<.02
093S-Y88	35.7150	113.2961	.0036	<.0002	4.6	<.05	.16	1.87	.4	<.02
094S-Y88	35.7256	113.3628	.0139	<.0002	4.9	.23	<.02	10.30	1.6	.02
095S-Y88	35.7653	113.3719	<.0030	<.0002	6.9	<.05	.16	2.96	.5	<.02
096S-Y88	35.7619	113.3667	.0077	<.0002	6.9	.05	.06	6.37	.9	<.02
097S-Y88	35.7617	113.3600	.0108	<.0002	8.1	.13	<.02	9.77	1.1	<.02
098S-Y88	35.7608	113.3608	<.0030	<.0002	4.9	<.05	.11	2.06	.3	<.02
099S-Y88	35.7589	113.3569	.0046	<.0002	7.9	.08	<.02	11.90	1.3	.02
100S-Y88	35.7561	113.3550	.0034	<.0002	5.1	<.05	.13	2.65	.5	<.02
101S-Y88	35.7578	113.3500	.0073	<.0002	8.8	.38	.19	25.50	4.7	.19
102S-Y88	35.7614	113.3436	.0254	.0002	7.1	.21	.08	14.60	2.4	.06
103S-Y88	35.7014	113.3917	.0196	<.0002	10.1	.13	.09	9.91	1.7	<.02

Table 1b. continued

Field Number	Latitude	Longitude	Ag (ppm)	Au (ppm)	As (ppm)	Bi (ppm)	Cd (ppm)	Cu (ppm)	Ga (ppm)	Hg (ppm)
105S-Y88	35.7161	113.3769	.0216	<.0002	9.6	.20	.04	12.80	2.5	.05
106S-Y88	35.7153	113.3753	.0094	<.0002	10.5	.11	.07	13.90	.9	<.02
107S-Y88	35.7956	113.3347	.0174	<.0002	3.4	<.05	<.02	5.25	1.0	<.02
108S-Y88	35.7950	113.3344	.0242	<.0002	10.2	.12	.06	25.30	3.1	.08
110S-Y88	35.8161	113.1542	.0309	.0008	8.4	.17	.13	13.80	4.2	.12
111SRY88	35.9817	113.3286	.0082	<.0002	4.3	.05	.05	5.30	.7	<.02
111S-Y88	35.9817	113.3286	.0092	<.0002	4.3	.06	.06	5.50	.8	<.02
112S-Y88	35.9831	113.3172	.0075	<.0002	2.1	.06	.02	5.00	.5	<.02
113S-Y88	35.9797	113.3228	.0254	<.0002	2.4	<.05	.02	3.87	.5	<.02
114S-Y88	35.9722	113.3136	.0055	<.0002	2.8	<.05	.06	2.70	.5	<.02
115S-Y88	35.9728	113.3086	.0088	<.0002	3.0	<.05	.09	3.83	.5	<.02
116S-Y88	35.9678	113.3122	<.0030	<.0002	2.0	<.05	.07	1.08	.2	<.02
117SRY88	35.9611	113.3078	.0046	<.0002	3.5	<.05	.05	3.42	.5	<.02
117S-Y88	35.9611	113.3078	.0044	<.0002	3.4	<.05	.03	3.35	.5	<.02
119S-Y88	35.9700	113.2817	.0153	<.0002	4.4	.08	.10	4.62	1.5	.13
120S-Y88	35.9653	113.2811	<.0030	<.0002	.6	<.05	.09	.84	.2	<.02
122SRY88	35.8839	113.2767	.0038	<.0002	2.9	<.05	.09	2.01	.3	<.02
122S-Y88	35.8839	113.2767	<.0030	.0005	2.8	<.05	.10	1.92	.2	<.02
123S-Y88	35.8817	113.2767	.0046	<.0002	2.3	<.05	.12	1.73	.3	<.02
124S-Y88	35.8811	113.2778	.0080	<.0002	4.5	.09	.03	7.05	.6	<.02
125S-Y88	35.7275	113.6197	.0089	<.0002	5.7	.07	.04	11.20	1.9	<.02
126S-Y88	35.7219	113.6164	.0333	<.0010	8.7	<.25	<.10	14.90	<.5	<.10
127S-Y88	35.7186	113.6211	.0121	<.0002	8.9	.09	.07	15.50	2.3	.08
128S-Y88	35.6997	113.8742	.0292	<.0002	9.3	.24	.14	24.30	8.5	.36
129S-Y88	35.6858	113.8642	.1540	<.0002	6.3	.09	.18	11.10	1.9	.12
130S-Y88	35.6819	113.8603	.1880	<.0002	12.6	.32	.35	20.90	6.0	.12
132S-Y88	35.6728	113.8703	.0935	<.0002	9.5	.24	.22	28.60	9.3	.28
133SRY88	35.6681	113.6581	.0093	<.0002	10.4	<.05	.06	17.80	3.5	.11
133S-Y88	35.6681	113.6581	.0085	<.0002	9.9	<.05	.05	17.50	3.6	.06
134S-Y88	35.6731	113.6533	.0089	<.0002	8.0	<.05	.04	18.90	3.4	.05
135S-Y88	35.6769	113.6453	.0376	.0004	88.6	.22	.16	74.20	4.8	.42
136SRY88	35.6792	113.6514	.0112	<.0002	4.6	<.05	.03	11.10	2.3	.02
136S-Y88	35.6792	113.6514	.0090	<.0002	4.7	<.04	.05	10.60	2.3	.02
137S-Y88	35.6808	113.6492	.0220	<.0002	24.1	.15	.02	23.70	2.1	.08
139S-Y88	35.6817	113.6528	.0104	<.0002	8.3	<.05	.03	18.30	3.1	.07
140S-Y88	35.6822	113.6550	.0348	<.0002	6.8	.29	.06	8.15	1.7	.10
141S-Y88	35.6844	113.6522	.0162	.0005	9.1	.08	.06	18.00	2.8	<.02

Table 1b. continued

Field Number	Latitude	Longitude	Ag (ppm)	Au (ppm)	As (ppm)	Bi (ppm)	Cd (ppm)	Cu (ppm)	Ga (ppm)	Hg (ppm)
142S-Y88	35.6844	113.6508	.0334	<.0002	21.1	.14	.06	19.20	2.9	.07
143S-Y88	35.6889	113.6489	.0146	.0011	9.2	.11	.06	17.20	3.6	<.02
144S-Y88	35.6897	113.6522	.0136	<.0002	9.2	.10	.03	11.50	1.9	<.02
145S-Y88	35.6942	113.6486	.0096	<.0002	10.6	.06	.06	16.90	4.9	.21
146S-Y88	35.6975	113.6444	.0254	.0105	8.5	.08	.09	19.40	2.3	.02
147S-Y88	35.6972	113.6431	.0301	.0016	68.0	.63	.11	55.80	4.1	.02
148S-Y88	35.7017	113.6428	.0131	.0002	6.8	.06	.02	11.10	1.4	<.02
149S-Y88	35.7011	113.6408	.0062	<.0002	8.7	<.05	.05	16.10	3.2	.05
150S-Y88	35.6986	113.6344	.0395	.0015	24.2	.34	<.09	16.90	<.4	<.09
151S-Y88	35.7033	113.6350	.0169	.0011	12.3	.19	.07	17.50	7.5	<.02
152S-Y88	35.7033	113.6319	.0118	.0007	22.5	.11	.03	15.30	2.6	.04
153S-Y88	35.7083	113.6297	.0094	.0009	7.9	.05	.02	19.20	3.2	.05
154S-Y88	35.7128	113.6253	.0484	<.0002	6.3	.10	.09	18.00	6.0	.10
155S-Y88	35.6850	113.6444	.0253	<.0002	74.0	.33	.05	25.30	5.5	.18
156S-Y88	35.7014	113.6322	.0207	.0004	24.8	.11	.08	23.70	4.3	.11
157S-Y88	35.6600	113.8772	.0377	.0002	6.6	.25	.13	24.30	10.9	.27
158S-Y88	35.6625	113.8811	.0924	<.0002	10.2	.32	.17	28.70	12.2	.89
159S-Y88	35.6614	113.8861	.0730	.0012	9.5	.30	.26	29.60	12.1	.81
160S-Y88	35.6650	113.8992	.0450	<.0002	9.4	.23	.20	23.00	9.5	.38
161S-Y88	35.6697	113.8986	.0566	.0014	10.2	.14	.14	23.70	9.0	.23
162S-Y88	35.6728	113.9081	.0416	.0029	7.2	.15	.17	22.60	7.7	.28
163S-Y88	35.6742	113.9242	.0380	.0017	9.1	.20	.15	19.90	6.8	.37
165S-Y88	35.6822	113.9231	.0335	.0016	9.4	.20	.12	18.20	5.2	.18
166S-Y88	35.6806	113.9192	.0183	.0010	8.2	.09	.08	16.10	2.5	<.02
167SRY88	35.6836	113.9106	.0623	.0009	9.0	.17	.10	15.00	4.4	.11
167S-Y88	35.6836	113.9106	.0594	.0009	8.8	.15	.11	15.00	4.3	.06
168S-Y88	35.6808	113.8994	.0464	.0007	11.1	.22	.13	17.80	6.1	.33
169SRY88	35.6775	113.8856	.5170	.0124	12.0	.20	.45	35.10	10.6	.28
169S-Y88	35.6775	113.8856	.5290	.0129	12.3	.21	.45	36.10	10.8	.32
170S-Y88	35.6883	113.8989	.1200	<.0002	8.0	.17	.11	14.80	4.3	.08
171S-Y88	35.6911	113.8961	.0592	.0007	8.8	.24	.13	17.80	5.8	.27
172S-Y88	35.6903	113.9089	.0576	.0009	7.8	.18	.13	16.20	4.1	<.02
173S-Y88	35.6906	113.9214	.0215	<.0002	7.1	.18	.07	14.50	4.1	.14
174S-Y88	35.6883	113.9306	.0370	.0006	6.3	.15	.07	16.80	4.1	.02
177SRY88	35.6969	113.8972	.0166	<.0002	4.9	.10	.03	14.30	3.4	<.02
177S-Y88	35.6969	113.8972	.0158	.0008	4.7	.09	.02	13.70	3.3	<.02
178S-Y88	35.6972	113.8819	.0200	.0012	10.1	.17	.03	17.20	3.5	.08

Table 1b. continued

Field Number	Latitude	Longitude	Ag (ppm)	Au (ppm)	As (ppm)	Bi (ppm)	Cd (ppm)	Cu (ppm)	Ga (ppm)	Hg (ppm)
179S-Y88	35.7022	113.8778	.0159	.0020	7.3	.21	.07	21.60	9.7	.22
180S-Y88	35.7011	113.8892	.0229	.0011	6.5	.18	.06	27.90	6.8	.21
181S-Y88	35.7025	113.8906	.0259	.0019	5.7	.11	<.02	17.70	3.8	.02
182S-Y88	35.7031	113.9011	.0161	.0010	5.4	.17	.05	16.70	5.4	.30
187S-Y88	35.7097	113.9092	.0177	.0010	6.2	.20	.05	14.80	5.6	.33
189S-Y88	35.7097	113.8928	.0211	<.0002	4.8	.16	.06	13.90	3.2	.06
190S-Y88	35.7158	113.8872	.0235	.0013	4.1	.13	.05	7.71	1.5	<.02
191S-Y88	35.7225	113.8758	.0199	.0008	6.3	.16	.07	13.10	2.6	.03
192S-Y88	35.7192	113.8914	.0126	<.0002	3.8	.12	.04	7.37	1.5	.02
193S-Y88	35.7139	113.8997	.0320	<.0002	7.9	.22	.11	23.30	7.3	.21
194S-Y88	35.7150	113.9217	.0340	.0013	5.6	.22	.15	18.00	6.7	.27
195S-Y88	35.7147	113.9283	.0184	<.0002	5.9	.21	.09	17.00	5.8	.12
196S-Y88	35.7206	113.9228	.0368	.0006	2.8	.13	.17	7.09	<.2	<.04
197S-Y88	35.7219	113.9167	.0261	<.0002	6.5	.38	.16	26.60	9.5	.55
200S-Y88	35.7053	113.9081	.0165	.0005	6.6	.13	.06	12.50	3.0	.07
202S-Y88	35.9461	113.8175	.0229	<.0002	2.0	.08	.20	7.21	1.1	.06
203S-Y88	35.9528	113.7992	.0322	.0004	8.3	.28	.09	18.80	5.0	.16
204S-Y88	35.9544	113.7922	.0412	<.0002	3.4	.13	.25	8.98	1.7	.04
205SRY88	35.7611	113.5269	.0368	<.0002	6.3	.18	.21	13.10	2.4	.03
205S-Y88	35.7611	113.5269	.0401	<.0002	6.6	.20	.26	13.50	2.6	.06
206S-Y88	35.7678	113.5250	.0233	.0008	4.8	.16	.15	14.30	3.1	.07
207S-Y88	35.7728	113.5228	.0222	.0005	7.1	.13	.16	5.55	1.0	.03
208S-Y88	35.7617	113.5025	.0151	<.0002	10.6	.09	.24	5.26	.8	<.02
209S-Y88	35.7625	113.5039	.0150	.0008	3.7	.23	.04	9.94	1.7	.04
210SRY88	35.7647	113.5017	.0336	<.0002	2.3	.05	.07	3.71	.7	.03
210S-Y88	35.7647	113.5017	.0281	.0160	2.3	.05	.07	3.83	.7	.02
211S-Y88	35.7900	113.6522	.0132	<.0002	8.1	.10	.05	15.10	4.2	.06
212S-Y88	35.7956	113.6536	.0128	.0003	6.8	.06	.05	11.70	1.7	.03
213S-Y88	35.7964	113.6550	.0222	.0004	4.8	.20	.05	12.00	2.2	.04
214S-Y88	35.8003	113.6561	.0117	<.0002	7.1	.06	.05	12.40	2.0	.05
215S-Y88	35.8053	113.6578	.0206	.0017	7.1	.10	.06	12.70	1.5	<.02
216S-Y88	35.8069	113.6583	.0106	.0006	9.2	.05	.24	4.10	.7	<.02
217S-Y88	35.8089	113.6572	.0115	<.0002	6.9	.06	.05	13.40	2.2	.04
218S-Y88	35.8133	113.6586	.0135	.0005	8.0	.06	.07	13.20	2.3	.05
219S-Y88	35.8167	113.6572	.0123	.0016	6.9	.06	.05	12.30	2.0	.04
221S-Y88	35.8194	113.6539	.0122	<.0002	6.6	.06	.05	11.50	1.7	.04
222S-Y88	35.8211	113.6497	.0111	.0016	6.4	.05	.05	10.70	1.5	.03

Table 1b. continued

Field Number	Latitude	Longitude	Ag (ppm)	Au (ppm)	As (ppm)	Bi (ppm)	Cd (ppm)	Cu (ppm)	Ga (ppm)	Hg (ppm)
223S-Y88	35.8231	113.6494	.0099	<.0002	6.8	.05	.04	12.00	2.0	<.02
225S-Y88	35.9333	113.3164	.0208	<.0002	3.2	.09	.23	2.61	.6	<.02
226S-Y88	35.6958	113.4883	.0357	.0002	5.4	.24	.13	10.50	2.8	.05
227S-Y88	35.6950	113.4878	.0286	.0005	5.6	.25	.16	8.95	2.7	.06
228S-Y88	35.6978	113.4728	.0393	.0032	9.8	.22	.22	15.00	2.8	<.04
229S-Y88	35.6936	113.4747	.0223	.0003	5.4	.09	.18	7.88	1.9	<.02
230S-Y88	35.6942	113.4583	.0199	.0011	10.1	.11	.18	6.76	1.2	<.02
231S-Y88	35.7489	113.4281	.0077	.0003	15.2	.06	.14	4.97	.7	<.02
232S-Y88	35.7414	113.4297	.0097	.0002	20.1	.06	.17	4.76	.9	<.02
233S-Y88	35.7475	113.4044	.0104	<.0002	9.4	.18	.04	11.10	1.6	<.02
234S-Y88	35.7447	113.3978	.0299	<.0002	4.6	.22	.14	8.07	1.4	.04
235S-Y88	35.8789	113.7325	.0177	<.0002	13.0	.11	.06	8.58	1.9	<.02
236SRY88	35.8808	113.7322	.0205	.0002	3.7	.09	.07	7.55	1.8	<.02
236S-Y88	35.8808	113.7322	.0220	<.0002	3.9	.10	.08	7.84	1.9	<.02
237SRY88	35.8836	113.7286	.0221	<.0002	5.3	.08	.12	9.04	1.6	<.02
237S-Y88	35.8836	113.7286	.0326	<.0002	4.9	.22	.12	7.74	1.5	.05
238S-Y88	35.8842	113.7289	.0288	.0005	4.5	.21	.12	6.93	1.3	.05
239S-Y88	35.8861	113.7206	.0104	<.0002	6.5	.06	.11	7.47	1.3	<.02
240S-Y88	35.8567	113.6778	.0243	.0007	6.3	.11	.26	6.67	.7	<.02
241SRY88	35.8600	113.6719	.0321	<.0002	6.7	.10	.17	11.70	2.4	<.02
241S-Y88	35.8600	113.6719	.0269	.0005	5.8	.08	.14	10.10	2.0	<.02
242S-Y88	35.8408	113.6639	.0581	<.0002	15.3	.07	.99	11.10	.6	<.02
243S-Y88	35.8439	113.6564	.0330	<.0004	7.1	.16	.85	5.90	<.2	<.04
244SRY88	35.8731	113.7111	.0141	<.0002	6.0	.08	.11	6.37	1.1	<.02
244S-Y88	35.8731	113.7111	.0198	.0002	6.0	.14	.10	6.02	1.1	.02
245S-Y88	35.9347	113.7336	.0129	<.0002	5.1	.09	.13	12.10	3.1	.02
247S-Y88	35.7753	113.3564	.0169	.0082	7.8	.17	.03	8.09	1.3	<.02
248S-Y88	35.7583	113.4994	.0164	<.0002	8.7	.14	.18	7.41	1.3	<.02
249S-Y88	35.7225	113.6283	.0205	<.0002	5.8	.16	.05	11.90	2.1	.03
251S-Y88	35.9519	113.7981	<.0030	.0006	148.0	.41	.33	57.40	12.5	2.86
252SRY88	35.7525	113.3850	.0320	.0015	4.7	.20	.09	13.20	1.6	.03
252S-Y88	35.7525	113.3850	.0274	<.0002	4.7	.17	.09	12.70	1.4	<.02
253S-Y88	35.7514	113.4050	.0311	.0012	23.7	.10	.10	7.97	.9	.02
254SRY88	35.7500	113.4186	.0158	.0030	2.6	.05	.08	3.22	.8	<.02
254S-Y88	35.7500	113.4186	.0152	.0004	2.7	<.04	.07	3.27	.8	<.02
255S-Y88	35.7506	113.4239	.0127	.0008	19.7	.07	.17	4.12	.4	<.02
256S-Y88	35.7558	113.4467	.0143	.0009	27.8	<.05	.06	2.43	.3	<.02

Table 1b. continued

Field Number	Latitude	Longitude	Ag (ppm)	Au (ppm)	As (ppm)	Bi (ppm)	Cd (ppm)	Cu (ppm)	Ga (ppm)	Hg (ppm)
257S-Y88	35.7583	113.4550	.0152	.0005	2.5	.06	.07	4.52	.7	<.02
258S-Y88	35.7647	113.4775	.0175	.0003	12.0	.16	.10	9.77	1.6	.02
259S-Y88	35.7647	113.5017	.0476	.0008	21.9	.19	.20	10.50	1.3	.06
260S-Y88	35.7661	113.5128	.0192	.0008	8.4	.12	.08	8.20	1.0	.02
261S-Y88	35.7806	113.5306	.0226	.0008	7.2	.10	.32	6.45	.9	.04
262S-Y88	35.7892	113.5375	.0212	<.0002	4.9	.15	.21	9.75	1.3	.02
263S-Y88	35.7944	113.5422	.0148	.0004	9.1	.16	.09	9.61	1.6	.02
264SRY88	35.7986	113.5542	.0328	.0495	4.2	.05	.07	3.92	.5	<.02
264S-Y88	35.7986	113.5542	.0180	.0005	3.8	.05	.06	3.57	.6	<.02
265S-Y88	35.8078	113.5653	.0184	.0004	4.7	.16	.10	8.96	1.2	.03
266S-Y88	35.8211	113.5703	.0126	.0013	4.6	.08	.20	4.89	.5	<.02
267S-Y88	35.8306	113.5808	.0235	.0010	5.3	.15	.09	7.62	1.2	.02
268S-Y88	35.8400	113.5939	.0451	.0006	4.4	.13	.18	12.50	1.2	.02
269S-Y88	35.8428	113.5975	.0289	.0017	5.4	.20	.11	10.30	1.8	.03
270S-Y88	35.8417	113.6139	.0189	.0007	6.6	.13	.15	6.89	1.2	<.02
271S-Y88	35.8208	113.6267	.0149	.0005	5.5	.11	.21	5.72	.8	<.02
272S-Y88	35.8178	113.6314	.0304	.0013	6.1	.20	.15	10.80	1.8	.40
273S-Y88	35.8175	113.6364	.0364	.0035	4.8	.16	.22	12.40	1.5	<.02
274S-Y88	35.8197	113.6411	.0206	<.0002	5.1	.09	.07	8.71	1.2	<.02
275S-Y88	35.8325	113.6542	.0161	.0003	15.1	.19	.08	10.20	1.6	.02
276S-Y88	35.8350	113.6556	.0119	.0004	11.8	.18	.05	8.54	1.2	<.02
277S-Y88	35.8511	113.6600	.0281	.0008	5.5	.18	.12	11.00	1.9	.02
278SRY88	35.8706	113.6781	.0355	.0043	5.1	.16	.15	8.94	1.7	.03
278S-Y88	35.8706	113.6781	.0355	.0009	5.2	.20	.16	9.21	1.8	.03
279S-Y88	35.8956	113.7133	.0178	.0006	4.5	.17	.07	11.70	1.6	.02
280S-Y88	35.8975	113.7158	.0269	<.0002	4.7	.20	.10	11.90	1.8	.03
281S-Y88	35.9042	113.7178	.0334	.0003	4.1	.14	.18	13.10	1.5	.02
282S-Y88	35.9153	113.7172	.0179	.0005	7.8	.15	.15	9.38	1.0	.02
283S-Y88	35.9269	113.7147	.0221	.0013	5.0	.13	.10	9.23	1.2	<.02
284S-Y88	35.9356	113.7208	.0216	.0634	6.5	.14	.09	9.30	1.1	.02
285S-Y88	35.9439	113.7428	.0280	.0008	3.9	.14	.15	9.71	1.6	.02
286S-Y88	35.9581	113.7428	.0185	.0009	14.0	.24	.06	15.60	1.7	<.02

Table 1b. continued

Field Number	Mo (ppm)	Pb (ppm)	Sb (ppm)	Se (ppm)	Te (ppm)	Tl (ppm)	Zn (ppm)
001S-Y88	.08	6.41	<.05	<.2	<.05	<.0	22.2
002S-Y88	.08	5.81	<.04	<.2	<.04	<.0	22.4
003S-Y88	.13	7.52	.16	<.2	<.04	<.0	31.3
004S-Y88	.50	15.10	.26	<.2	<.05	<.1	71.4
005S-Y88	.14	10.60	.15	<.2	<.04	<.0	42.3
006S-Y88	.05	7.74	.09	<.2	<.05	<.0	25.7
007S-Y88	.03	6.93	.05	<.2	<.05	<.1	22.6
008S-Y88	.07	5.30	<.04	<.2	<.04	<.0	19.0
009S-Y88	.15	10.60	.18	<.2	<.05	<.1	46.5
010S-Y88	.05	5.53	<.04	<.2	<.04	<.0	20.6
011SRY88	<.02	4.73	<.05	<.2	<.05	<.1	18.6
011S-Y88	<.02	4.60	<.05	<.2	<.05	<.0	18.1
012S-Y88	<.02	6.93	<.05	<.2	<.05	<.1	23.6
013S-Y88	.07	7.11	<.05	<.2	<.05	<.0	24.6
015S-Y88	<.02	6.39	<.05	<.2	<.05	<.0	19.9
016S-Y88	.12	5.49	.24	<.2	<.05	<.1	28.2
017S-Y88	.11	6.37	.27	<.2	<.05	<.0	34.5
018S-Y88	.05	5.41	.21	<.2	<.05	<.0	22.0
019SRY88	.05	6.08	.16	<.2	<.05	<.0	24.0
019S-Y88	.06	6.22	.16	<.2	<.05	<.0	24.0
020S-Y88	.12	6.61	.14	<.2	<.05	<.0	21.2
021SRY88	<.02	5.19	<.05	<.2	<.05	<.0	21.4
021S-Y88	<.02	5.02	<.05	<.2	<.05	<.1	20.7
022SRY88	<.02	3.60	<.05	<.2	<.05	<.1	15.3
022S-Y88	<.02	3.42	<.04	<.2	<.04	<.0	14.8
023S-Y88	<.02	3.62	<.05	<.2	<.05	<.0	16.3
024S-Y88	<.02	5.65	<.05	<.2	<.05	<.1	17.6
025S-Y88	<.02	5.14	<.05	<.2	<.05	<.0	20.8
026S-Y88	<.02	6.43	<.05	<.2	<.05	<.0	23.4
027S-Y88	<.02	6.03	<.05	<.2	<.05	<.0	22.8
028S-Y88	<.02	3.48	<.04	<.2	<.04	<.0	13.7
029SRY88	.29	6.56	.26	<.2	<.05	<.1	27.5
029S-Y88	.29	6.37	.25	<.2	<.05	<.1	25.4
030S-Y88	.35	7.49	.27	<.2	<.05	<.1	25.9
031S-Y88	.31	4.75	.21	<.2	<.04	<.0	19.1
032S-Y88	.44	12.90	.32	<.2	<.05	<.1	73.8
033S-Y88	.46	11.80	.36	<.2	<.05	<.1	29.8

Table 1b. continued

Field Number	Mo (ppm)	Pb (ppm)	Sb (ppm)	Se (ppm)	Te (ppm)	Tl (ppm)	Zn (ppm)
034S-Y88	.34	5.81	.25	<.2	<.05	<.1	32.6
035S-Y88	.36	5.96	.34	<.2	<.05	<.0	24.1
036S-Y88	.39	5.64	.29	<.2	<.05	<.1	21.5
037S-Y88	.41	6.44	.28	<.2	<.05	<.1	19.8
038S-Y88	.26	3.73	.14	<.2	<.05	<.1	11.7
039S-Y88	.42	5.67	.30	<.2	<.05	<.1	17.0
040S-Y88	.42	6.38	.26	<.2	<.05	<.1	19.3
041S-Y88	.48	6.98	.21	.2	<.05	<.1	24.9
042S-Y88	.57	13.60	.31	<.2	<.05	<.1	25.0
043S-Y88	.72	10.40	.62	<.2	<.05	<.1	22.8
044S-Y88	.48	13.90	.39	<.2	<.05	<.1	31.8
045S-Y88	.33	6.61	.29	<.2	<.05	<.0	21.7
046S-Y88	.42	14.20	.33	<.2	<.05	<.1	51.2
047S-Y88	.38	8.28	.28	<.2	<.05	<.1	28.1
048S-Y88	.24	7.47	.14	<.2	<.05	<.0	17.1
049S-Y88	.29	8.72	.17	<.2	<.05	<.1	19.6
050S-Y88	---	---	---	--	---	--	--
051S-Y88	.36	9.45	.21	.2	<.05	<.1	25.5
052S-Y88	.50	7.85	.52	<.2	<.05	<.0	34.5
053S-Y88	.32	7.70	.20	<.2	<.05	<.1	26.4
054S-Y88	.39	10.30	.30	<.2	<.05	<.1	24.9
055S-Y88	.41	10.30	.43	<.2	<.05	<.0	28.7
056S-Y88	.30	5.47	.23	<.2	<.05	<.1	19.7
057S-Y88	.31	7.02	.21	<.2	<.05	<.1	20.0
058S-Y88	.49	7.23	.30	<.2	<.05	<.1	39.1
059S-Y88	.49	7.12	.32	<.2	<.05	<.1	39.3
060SRY88	.34	6.52	.29	<.2	<.05	<.1	30.3
060S-Y88	.32	6.25	.31	<.2	<.04	<.0	29.5
061S-Y88	.34	5.61	.25	<.2	<.05	<.0	23.6
062S-Y88	.39	5.74	.28	<.2	<.04	<.0	26.7
063S-Y88	.39	7.05	.21	<.2	<.05	<.0	24.8
064S-Y88	.63	17.20	.39	<.2	<.04	<.0	105.0
065S-Y88	.60	23.20	.29	<.2	.05	<.0	167.0
066S-Y88	1.08	18.50	.36	.2	<.05	<.0	130.0
067S-Y88	.66	11.40	.26	<.2	<.04	<.0	49.8
068S-Y88	.53	19.00	.31	<.2	<.05	<.0	42.9
069S-Y88	.23	5.44	.13	<.2	<.05	<.1	14.9

Table 1b. continued

Field Number	Mo (ppm)	Pb (ppm)	Sb (ppm)	Se (ppm)	Te (ppm)	Tl (ppm)	Zn (ppm)
070S-Y88	.32	8.72	.12	<.2	<.05	<.0	15.5
071S-Y88	.40	4.73	.13	<.2	<.04	<.0	21.2
072S-Y88	.61	10.10	.25	<.2	<.04	<.0	70.1
073S-Y88	.48	7.92	.22	<.2	.08	.3	21.5
074S-Y88	.21	5.14	.10	<.2	<.05	<.0	10.2
075S-Y88	1.00	125.00	.29	.3	.08	<.0	415.0
076S-Y88	.41	13.90	.24	<.2	<.05	<.0	30.6
077S-Y88	.24	10.60	.11	<.2	<.05	<.1	13.5
078SRY88	.37	5.84	.61	<.2	<.05	<.0	35.4
078S-Y88	.36	5.67	.56	<.2	<.05	<.0	33.6
079S-Y88	.42	7.43	.23	<.2	<.05	<.0	32.8
080SRY88	.24	7.48	.12	<.2	<.05	<.0	12.3
080S-Y88	.23	7.28	.11	<.2	<.05	<.0	12.2
081S-Y88	.37	6.86	.17	<.2	<.04	<.0	20.6
082S-Y88	.30	3.49	.13	<.2	<.05	<.1	12.0
083S-Y88	.32	5.88	.17	<.2	<.05	<.1	17.4
084S-Y88	.23	6.89	.14	<.2	<.05	<.1	15.0
085S-Y88	.21	8.17	.13	<.2	<.05	<.0	13.3
086S-Y88	.30	4.10	.11	<.2	<.05	<.1	10.5
087S-Y88	.24	8.89	.13	<.2	<.05	<.0	16.1
088S-Y88	.39	11.90	.25	<.2	<.05	<.0	32.2
089S-Y88	.07	16.90	.23	<.2	<.05	<.1	21.7
090S-Y88	.10	4.53	.20	<.2	<.05	<.1	13.0
091S-Y88	.15	7.79	.21	<.2	<.05	<.1	24.1
092S-Y88	.20	10.40	.48	<.2	<.05	<.1	26.0
093SRY88	<.02	10.10	.17	<.2	<.05	<.1	14.0
093S-Y88	<.02	9.66	.18	<.2	<.05	<.0	13.8
094S-Y88	.04	5.70	.25	<.2	<.04	<.0	23.0
095S-Y88	.03	5.47	.17	<.2	<.05	<.1	15.3
096S-Y88	.09	7.25	.30	<.2	<.05	<.1	19.1
097S-Y88	.20	9.27	.42	<.2	<.05	<.0	23.1
098S-Y88	.06	4.47	.16	<.2	<.05	<.1	12.2
099S-Y88	.26	7.89	.30	<.2	<.05	<.1	22.0
100S-Y88	<.02	5.59	.16	<.2	<.05	<.0	15.6
101S-Y88	.75	20.80	.46	<.2	.05	<.1	80.6
102S-Y88	.39	8.95	.48	<.2	<.04	<.0	55.8
103S-Y88	.18	10.60	.31	<.2	<.05	<.1	39.5

Table 1b. continued

Field Number	Mo (ppm)	Pb (ppm)	Sb (ppm)	Se (ppm)	Te (ppm)	Tl (ppm)	Zn (ppm)
105S-Y88	.23	9.53	.38	<.2	<.05	<.1	39.5
106S-Y88	.17	9.96	.22	<.2	<.05	<.1	26.0
107S-Y88	.15	6.46	.25	<.2	<.05	<.1	19.9
108S-Y88	.46	12.50	.56	<.2	<.05	<.1	39.8
110S-Y88	.45	16.80	.50	<.2	<.05	<.1	35.2
111SRY88	.09	5.68	.22	<.2	<.05	<.0	15.0
111S-Y88	.10	5.89	.22	<.2	<.05	<.1	15.8
112S-Y88	.04	5.40	.21	<.2	<.05	<.1	11.4
113S-Y88	.05	4.47	.20	<.2	<.05	<.1	11.7
114S-Y88	.09	3.97	.20	<.2	<.05	<.1	10.5
115S-Y88	.05	5.27	.20	<.2	<.05	<.1	12.6
116S-Y88	<.02	2.59	.14	<.2	<.05	<.1	6.9
117SRY88	.02	5.16	.19	<.2	<.05	<.1	10.9
117S-Y88	.02	5.14	.20	<.2	<.05	<.1	10.4
119S-Y88	.38	8.22	.53	<.2	<.04	<.0	18.0
120S-Y88	.15	2.87	.11	<.2	<.05	<.1	5.4
122SRY88	.25	3.63	.16	<.2	<.05	<.1	9.2
122S-Y88	.27	3.60	.15	<.2	<.05	<.1	8.0
123S-Y88	.21	4.02	.14	<.2	<.05	<.0	8.6
124S-Y88	.29	4.93	.30	<.2	<.04	<.0	17.1
125S-Y88	.43	5.51	.25	<.2	<.05	<.1	30.0
126S-Y88	.84	4.88	<.25	<1.2	<.25	1.5	30.9
127S-Y88	.53	7.15	.37	<.2	<.05	<.1	32.7
128S-Y88	1.58	11.40	.68	.2	.13	<.1	93.3
129S-Y88	.52	10.90	.30	<.2	<.05	<.1	41.2
130S-Y88	.92	34.20	.81	<.2	.07	.5	106.0
132S-Y88	1.24	17.20	.44	<.2	.10	.1	120.0
133SRY88	.54	6.39	.25	<.2	<.05	<.0	44.7
133S-Y88	.49	6.07	.24	<.2	<.05	<.1	45.8
134S-Y88	.46	6.35	.23	<.2	<.05	<.1	41.2
135S-Y88	2.80	8.21	.45	<.2	.12	<.0	92.5
136SRY88	.47	6.35	.28	<.2	<.05	<.1	28.7
136S-Y88	.47	6.38	.28	<.2	<.04	<.0	28.9
137S-Y88	.88	7.04	.96	<.2	<.05	<.1	50.0
139S-Y88	.50	6.09	.25	<.2	<.05	<.0	39.1
140S-Y88	.38	6.51	.37	<.2	.05	.7	25.2
141S-Y88	.43	6.10	.13	<.2	<.04	.4	42.1

Table 1b. continued

Field Number	Mo (ppm)	Pb (ppm)	Sb (ppm)	Se (ppm)	Te (ppm)	Tl (ppm)	Zn (ppm)
142S-Y88	.63	7.76	.51	<.2	<.05	<.1	35.2
143S-Y88	.47	6.30	.13	<.2	.05	.5	51.7
144S-Y88	.47	7.96	.27	<.2	<.04	<.0	28.1
145S-Y88	.65	6.80	.31	<.2	<.05	<.1	58.9
146S-Y88	.38	6.13	.15	<.2	.06	.4	43.6
147S-Y88	1.63	9.78	.23	<.2	.08	.8	96.3
148S-Y88	.47	6.60	.24	<.2	<.05	<.0	23.7
149S-Y88	.50	5.95	.22	<.2	<.05	<.0	42.5
150S-Y88	1.14	7.63	<.22	<1.1	<.22	1.3	38.7
151S-Y88	.72	9.04	.26	<.2	.10	.8	95.0
152S-Y88	.50	6.41	.35	<.2	<.04	<.0	38.4
153S-Y88	.32	6.09	.28	<.2	<.04	<.0	44.3
154S-Y88	.39	12.90	.40	<.2	<.05	<.1	65.8
155S-Y88	1.84	3.97	.40	<.2	.06	<.1	95.0
156S-Y88	.76	11.40	.46	<.2	.05	.1	65.1
157S-Y88	.63	13.10	.37	<.2	.11	.1	121.0
158S-Y88	1.12	14.10	.75	.3	.21	<.0	116.0
159S-Y88	.91	22.80	.68	.3	.20	<.1	120.0
160S-Y88	.70	17.30	.56	<.2	.11	.1	125.0
161S-Y88	.39	15.90	.46	<.2	.09	.2	119.0
162S-Y88	.54	16.70	.40	<.2	.14	<.1	98.3
163S-Y88	.49	17.70	.56	<.2	.12	<.0	78.6
165S-Y88	.49	14.90	.53	<.2	.09	<.0	68.0
166S-Y88	.36	5.52	.12	<.2	<.05	.4	39.7
167SRY88	.44	14.20	.49	<.2	.05	<.1	65.1
167S-Y88	.44	14.10	.48	<.2	<.04	<.0	65.1
168S-Y88	.52	16.80	.65	<.2	.09	<.1	72.4
169SRY88	.91	29.80	1.18	<.2	.33	.2	188.0
169S-Y88	.95	30.50	1.17	<.2	.34	.2	192.0
170S-Y88	.39	14.60	.47	<.2	<.05	<.1	60.3
171S-Y88	.58	18.10	.57	<.2	.09	<.1	55.9
172S-Y88	.43	16.60	.44	<.2	<.05	<.1	64.2
173S-Y88	.42	11.00	.44	<.2	.06	<.1	49.8
174S-Y88	.40	11.70	.39	<.2	<.05	<.0	56.5
177SRY88	.37	7.90	.37	<.2	<.05	<.0	44.2
177S-Y88	.34	7.62	.34	<.2	<.05	<.1	43.0
178S-Y88	.62	8.79	.75	<.2	.05	.1	56.2

Table 1b. continued

Field Number	Mo (ppm)	Pb (ppm)	Sb (ppm)	Se (ppm)	Te (ppm)	Tl (ppm)	Zn (ppm)
179S-Y88	.92	10.40	.69	<.2	.11	.3	111.0
180S-Y88	.66	10.00	.50	<.2	.08	.1	77.0
181S-Y88	.38	7.96	.33	<.2	<.05	<.0	43.8
182S-Y88	.52	8.64	.41	<.2	.10	<.0	42.8
187S-Y88	.78	9.34	.44	<.2	.11	<.1	38.6
189S-Y88	.60	8.86	.34	<.2	<.05	<.1	38.9
190S-Y88	.50	6.96	.26	<.2	<.04	<.0	23.3
191S-Y88	.56	9.39	.30	<.2	<.05	<.1	37.1
192S-Y88	.42	5.83	.24	<.2	<.04	<.0	22.8
193S-Y88	.74	9.32	.43	<.2	.10	.1	69.6
194S-Y88	.89	12.40	.44	<.2	.10	<.0	53.3
195S-Y88	.98	9.77	.32	<.2	.06	.1	63.9
196S-Y88	.55	5.96	<.10	<.5	<.10	.6	14.5
197S-Y88	1.20	12.60	.48	.3	.23	<.0	71.2
200S-Y88	.54	6.88	.30	<.2	<.05	<.1	35.6
202S-Y88	.42	7.25	.26	<.2	<.05	<.1	15.6
203S-Y88	.78	9.38	.41	<.2	.06	<.0	52.9
204S-Y88	.59	11.30	.35	<.2	<.05	<.1	26.9
205SRY88	.54	12.90	.47	<.2	<.04	<.0	43.5
205S-Y88	.56	13.30	.49	<.2	<.05	<.1	45.1
206S-Y88	.58	9.48	.36	<.2	<.05	<.0	55.8
207S-Y88	.34	7.33	.29	<.2	<.04	.2	22.4
208S-Y88	.32	20.60	.31	<.2	<.05	<.1	26.1
209S-Y88	.28	6.44	.27	<.2	<.05	<.1	23.6
210SRY88	.38	6.95	.23	<.2	<.04	<.0	18.5
210S-Y88	.39	6.77	.24	<.2	<.05	<.1	18.7
211S-Y88	.43	6.75	.33	<.2	.05	<.0	60.8
212S-Y88	.39	4.24	.20	<.2	<.05	<.1	25.4
213S-Y88	.35	5.57	.26	<.2	<.05	<.1	30.1
214S-Y88	.41	5.14	.25	<.2	<.05	<.1	29.7
215S-Y88	.39	4.63	.12	<.3	<.06	.5	31.0
216S-Y88	.35	10.10	.23	<.2	<.04	<.0	20.8
217S-Y88	.43	4.80	.24	<.2	<.05	<.1	31.7
218S-Y88	.44	5.69	.25	<.2	<.05	<.1	31.0
219S-Y88	.40	4.52	.24	<.2	<.05	<.0	30.8
221S-Y88	.37	4.28	.22	<.2	<.05	<.1	25.6
222S-Y88	.35	3.94	.20	<.2	<.05	<.0	23.9

Table 1b. continued

Field Number	Mo (ppm)	Pb (ppm)	Sb (ppm)	Se (ppm)	Te (ppm)	Tl (ppm)	Zn (ppm)
223S-Y88	.23	4.33	.21	<.2	<.05	<.1	32.1
225S-Y88	.19	4.84	.23	<.2	<.05	<.1	13.3
226S-Y88	.35	9.86	.37	<.2	<.05	.6	34.0
227S-Y88	.41	10.50	.35	<.2	.06	.6	29.6
228S-Y88	.63	15.60	.24	<.5	<.10	.6	36.8
229S-Y88	.28	9.57	.32	<.2	<.05	<.1	25.2
230S-Y88	.45	9.92	.24	<.2	<.05	.3	29.7
231S-Y88	.18	6.71	.24	<.2	<.05	<.1	25.9
232S-Y88	.22	6.57	.24	<.2	<.05	<.0	21.9
233S-Y88	.28	6.00	.27	<.2	<.05	<.0	25.1
234S-Y88	.23	10.00	.30	<.2	<.05	.3	27.3
235S-Y88	.35	5.39	.31	<.2	<.04	<.0	28.8
236SRY88	.42	6.13	.28	<.2	<.05	<.1	30.0
236S-Y88	.44	6.38	.29	<.2	<.04	<.0	31.4
237SRY88	.33	7.46	.29	<.2	<.05	<.1	29.7
237S-Y88	.29	7.48	.32	<.2	<.05	.6	27.9
238S-Y88	.27	8.11	.31	<.2	<.05	.5	24.7
239S-Y88	.31	6.75	.27	<.2	<.04	<.0	24.6
240S-Y88	.40	9.52	.19	<.2	<.05	.3	28.1
241SRY88	.40	11.00	.32	<.2	<.05	<.1	40.2
241S-Y88	.35	9.59	.30	<.2	<.05	<.1	35.0
242S-Y88	.47	410.00	.37	<.2	<.05	<.1	120.0
243S-Y88	.50	55.20	.15	<.5	<.10	.6	36.3
244SRY88	.28	6.52	.24	<.2	<.04	<.0	24.2
244S-Y88	.27	6.52	.28	<.2	<.05	.2	24.0
245S-Y88	.32	8.12	.35	<.2	<.05	<.0	42.2
247S-Y88	.26	8.62	.27	<.2	<.05	<.0	25.1
248S-Y88	.21	19.30	.30	<.2	<.05	<.0	29.4
249S-Y88	.29	6.36	.30	<.2	<.05	.1	35.2
251S-Y88	.91	32.30	2.29	.7	.78	.7	97.2
252SRY88	.36	11.20	.29	<.2	.06	<.0	29.7
252S-Y88	.40	11.00	.32	<.2	.05	<.1	28.6
253S-Y88	.28	6.17	.17	<.2	<.05	<.1	21.9
254SRY88	.24	4.80	.16	<.2	<.05	<.0	13.9
254S-Y88	.23	4.72	.16	<.2	<.04	<.0	14.1
255S-Y88	.30	7.07	.20	<.2	<.04	<.0	20.6
256S-Y88	.11	2.43	.07	<.2	<.05	<.0	8.4

Table 1b. continued

Field Number	Mo (ppm)	Pb (ppm)	Sb (ppm)	Se (ppm)	Te (ppm)	Tl (ppm)	Zn (ppm)
257S-Y88	.25	4.60	.21	<.2	<.04	<.0	16.0
258S-Y88	.33	6.87	.34	<.2	<.04	<.0	32.4
259S-Y88	.37	15.00	.24	.4	<.05	.1	31.3
260S-Y88	.33	7.27	.26	<.2	<.04	<.0	21.1
261S-Y88	.24	16.00	.17	<.2	<.05	<.0	23.6
262S-Y88	.38	12.20	.26	<.2	.05	<.0	33.8
263S-Y88	.28	6.82	.23	<.2	<.05	<.1	23.5
264SRY88	.24	5.19	.20	<.2	<.04	<.0	13.7
264S-Y88	.19	4.72	.10	<.2	<.04	<.0	12.9
265S-Y88	.25	6.76	.24	<.2	<.04	.1	20.4
266S-Y88	.24	6.20	.14	<.2	<.05	<.0	17.3
267S-Y88	.29	5.92	.22	<.2	<.04	<.0	19.3
268S-Y88	.46	9.90	.29	<.2	<.05	<.0	30.5
269S-Y88	.41	9.96	.21	<.2	<.04	<.0	29.3
270S-Y88	.31	6.77	.20	<.2	<.05	<.0	22.3
271S-Y88	.32	11.10	.20	<.2	<.05	<.0	23.4
272S-Y88	.24	9.23	.16	<.2	<.05	<.1	27.0
273S-Y88	.27	8.07	.22	<.2	<.05	<.0	33.5
274S-Y88	.33	5.86	.25	<.2	<.05	<.0	21.2
275S-Y88	.43	8.35	.29	<.2	.05	<.0	26.6
276S-Y88	.31	5.69	.17	<.2	<.05	<.1	19.3
277S-Y88	.43	11.20	.20	<.2	.06	<.0	30.5
278SRY88	.83	13.50	.31	<.2	.05	<.0	35.5
278S-Y88	.87	14.00	.34	<.2	<.04	<.0	36.8
279S-Y88	.42	7.96	.17	<.2	<.05	<.1	26.8
280S-Y88	.51	9.67	.28	<.2	.05	<.0	30.9
281S-Y88	.57	19.60	.20	<.2	<.04	<.0	27.8
282S-Y88	.38	7.51	.31	<.2	.05	<.0	21.5
283S-Y88	.38	8.20	.19	<.2	<.05	<.1	22.3
284S-Y88	.37	7.19	.31	<.2	<.04	<.0	21.8
285S-Y88	.44	11.10	.20	<.2	.06	<.0	28.8
286S-Y88	.82	5.80	.26	<.2	<.05	<.0	27.9

Table 1c. Geochemical Analyses of Panned Concentrates
1989 Detailed Samples

Field Number	Latitude	Longitude	Ag (ppm)	Au (ppm)	As (ppm)	Bi (ppm)	Cd (ppm)	Co (ppm)	Cu (ppm)	Fe (ppm)	Ga (ppm)
121G-Y89	35.9381	113.2775	.0291	.0029	54.3	.10	.37	<1	9.57	3170	.2
164G-Y89	35.6811	113.9350	.1154	.0018	25.4	1.63	.37	18	19.10	>72800	12.9
175G-Y89	35.6950	113.9094	.0367	.0008	5.0	.37	.18	10	7.57	>72500	17.0
175GRY89	35.6950	113.9094	.0099	.0003	6.8	.42	.18	12	15.10	>72200	16.0
176G-Y89	35.6967	113.9317	.1179	.0011	14.1	3.80	.25	16	-H-	>72300	19.6
183G-Y89	35.7011	113.9172	.0076	.0006	9.9	.17	.08	6	11.52	33400	2.4
184G-Y89	35.7028	113.9231	.0328	.0040	11.1	.43	.17	12	17.98	>72200	11.7
184GRY89	35.7028	113.9231	-H-	.0028	12.2	-H-	.21	14	12.50	>72600	12.2
185G-Y89	35.7069	113.9350	.0039	.0006	12.9	1.35	1.54	15	.24	>72700	19.9
186G-Y89	35.7106	113.9283	.0196	.0010	8.5	.57	.14	13	18.09	>72700	7.9
188G-Y89	35.7086	113.8997	.0396	.0029	12.9	.23	.22	14	18.93	>72800	13.6
199G-Y89	35.7275	113.9061	.0365	.0003	11.3	.73	.19	11	17.81	>72400	15.1
294G-Y89	35.7139	113.9225	.0038	.0003	11.8	7.63	.73	15	.69	>72500	17.9
295G-Y89	35.7175	113.9189	.0158	.0005	3.6	.76	.16	14	10.03	>72800	14.6
296G-Y89	35.6808	113.9217	.0167	.0090	15.5	.38	.17	17	42.90	>72400	9.4
297G-Y89	35.6789	113.9217	.0185	.0062	16.7	.15	.12	12	29.90	59900	6.2
298G-Y89	35.6794	113.9175	.0145	.0010	15.4	.20	.07	10	17.85	31900	3.1
298GRY89	35.6794	113.9175	.0385	.0066	9.4	.18	.11	10	17.94	42600	6.1
299G-Y89	35.6744	113.9286	.0131	.0029	20.9	.75	.31	15	21.99	>72200	9.9
300G-Y89	35.6733	113.9333	.1055	.0025	15.4	.85	.36	17	17.94	>72200	14.0
300GRY89	35.6733	113.9333	.0796	.0016	15.8	.62	.36	13	17.56	>72600	13.5
306G-Y89	35.7197	113.9083	-H-	<.0001	69.4	44.80	3.08	19	-H-	>72900	26.1
306GRY89	35.7197	113.9083	.0028	.0002	33.5	15.55	2.45	6	.14	>72700	22.8
307G-Y89	35.6969	113.8844	.0585	.0028	9.0	.23	.16	12	20.49	>72900	10.5
308G-Y89	35.7078	113.8950	.0042	.0002	8.3	3.70	.23	16	-H-	>72400	15.8
309G-Y89	35.6822	113.8586	.1990	.0013	22.1	.14	.61	17	17.90	>72700	13.6
310G-Y89	35.6808	113.8583	.3953	.0040	45.9	.32	.61	11	15.49	>72600	11.7
311G-Y89	35.6786	113.8714	.0075	<.0001	11.8	1.98	.50	11	-H-	>72900	19.8
312G-Y89	35.6758	113.8850	.0742	.0302	18.1	.17	.47	12	24.71	>72200	14.8
313G-Y89	35.7397	113.3133	.0190	.0014	16.7	.09	.26	<1	5.51	1891	.3
314G-Y89	35.7392	113.3133	.0121	.0007	22.6	.08	.19	1	4.29	6785	2.2
315G-Y89	35.7442	113.3061	.0152	.0009	13.4	.09	.38	1	5.54	3832	.2
316G-Y89	35.7419	113.3122	.0123	.0003	22.6	.19	.10	3	9.04	9240	.6
317G-Y89	35.7422	113.3139	.0121	.0027	18.4	.18	.09	3	9.40	9820	.8
318G-Y89	35.7444	113.3050	.0194	.0002	17.8	.10	.31	2	9.28	7588	.3
319G-Y89	35.7436	113.3064	.0151	.0004	19.2	.06	.29	1	3.03	5966	.2
320G-Y89	35.7422	113.3086	.0188	.0043	20.4	.08	.26	---	5.28	---	.5

Table 1c. continued

Field Number	Latitude	Longitude	Ag (ppm)	Au (ppm)	As (ppm)	Bi (ppm)	Cd (ppm)	Co (ppm)	Cu (ppm)	Fe (ppm)	Ga (ppm)
321G-Y89	35.7419	113.3103	.0132	.0006	28.1	.08	.25	2	4.89	7848	.3
322G-Y89	35.7383	113.3144	.0156	.0029	105.0	.18	.27	2	7.74	31200	.7
323G-Y89	35.7414	113.3111	.0323	.0136	79.0	.13	.42	3	22.94	16800	.4
324G-Y89	35.7389	113.3211	.0138	.0009	21.3	.09	.26	2	6.18	9089	.7
325G-Y89	35.7372	113.3189	.0327	.0018	9.3	.41	.07	4	14.17	11500	1.0
326G-Y89	35.7408	113.3197	.0127	.0024	7.9	.16	.17	6	11.20	17200	2.7
327G-Y89	35.7311	113.3028	.0179	.0001	38.9	.15	.30	2	8.76	33300	.6
328G-Y89	35.7308	113.3036	.0142	.0772	5.6	.40	.05	5	16.03	14800	1.1
329G-Y89	35.7286	113.3025	.0168	.0007	20.0	.41	.11	6	16.66	34100	.8
330G-Y89	35.7347	113.3078	.0192	.0012	11.2	.09	.37	1	9.29	4490	.4
331G-Y89	35.7372	113.3139	.0220	.0035	39.7	.24	.35	<1	17.80	5420	1.2
333G-Y89	35.7439	113.3414	.0608	.0250	43.4	.61	.32	1	27.70	11600	3.3
334G-Y89	35.7444	113.3397	.0230	.0017	15.9	.20	.34	---	15.40	---	1.1
336G-Y89	35.7447	113.3322	.0161	.0039	18.6	.20	.17	<1	11.20	2226	.9
338G-Y89	35.9697	113.2825	.0104	.0002	4.7	.06	.18	1	4.94	3237	.3
339G-Y89	35.9706	113.2808	.0163	.0048	5.0	.17	.27	1	5.85	4963	.6
340G-Y89	35.7375	113.3150	.0628	.0422	54.6	.16	.26	2	9.33	19300	.7
341G-Y89	35.7372	113.3144	.1249	.0958	28.7	.12	.42	1	8.65	10800	.5

Table 1c. continued

Field Number	Hg (ppm)	Mn (ppm)	Mo (ppm)	Ni (ppm)	Pb (ppm)	Sb (ppm)	Se (ppm)	Te (ppm)	Tl (ppm)	V (ppm)	Zn (ppm)
121G-Y89	-H-	37	6.33	1	15.60	.74	1.5	.03	.7	5	35.8
164G-Y89	-H-	454	4.68	21	27.30	1.45	1.5	.37	15.7	311	29.4
175G-Y89	4.49	320	1.86	21	1.16	.54	1.6	.42	3.3	447	1.4
175GRY89	.69	304	2.55	14	2.91	.60	.9	.30	3.6	394	6.7
176G-Y89	-H-	418	2.23	23	2.13	1.26	3.5	.65	47.7	>542	14.3
183G-Y89	.22	245	3.07	9	5.11	.34	.3	.08	.5	77	23.3
184G-Y89	3.90	394	4.30	12	6.85	.49	1.7	.30	3.0	321	45.8
184GRY89	6.61	580	6.62	20	8.97	.42	2.7	.39	-H-	339	49.4
185G-Y89	23.95	279	2.21	11	2.45	4.45	12.5	3.75	33.0	>545	2.7
186G-Y89	.21	469	5.14	12	6.58	.48	.4	.15	4.9	203	48.3
188G-Y89	3.58	395	4.33	23	7.49	.60	1.7	.43	.4	396	49.5
199G-Y89	.68	381	5.67	11	3.75	.86	.9	.31	6.0	420	5.7
294G-Y89	13.02	286	1.94	14	1.23	3.03	9.7	2.14	114.3	>544	1.3
295G-Y89	.47	307	1.42	15	.76	.48	1.0	.32	8.0	495	1.5
296G-Y89	3.08	529	7.11	15	17.99	.60	1.0	.20	7.6	195	59.0
297G-Y89	1.64	451	8.16	11	19.40	.42	.9	.15	-H-	84	50.5
298G-Y89	.12	338	3.11	9	2.90	.99	.3	.06	1.3	101	38.7
298GRY89	.68	467	6.27	13	31.14	.31	.5	.15	1.1	75	54.5
299G-Y89	.42	310	5.23	1	19.76	.96	.6	.36	5.2	200	62.5
300G-Y89	7.16	344	3.83	10	13.63	.88	2.2	.59	7.9	350	17.5
300GRY89	5.58	302	4.71	14	17.20	.96	2.1	.59	5.1	349	35.5
306G-Y89	39.70	293	6.14	26	6.63	18.60	46.8	10.10	589.0	>547	-H-
306GRY89	29.68	261	4.04	23	4.44	10.36	26.2	6.58	220.2	>545	3.5
307G-Y89	2.03	543	6.43	19	7.97	.52	1.1	.28	.3	242	57.7
308G-Y89	-H-	382	1.75	28	1.49	1.22	3.8	.71	47.1	>543	23.4
309G-Y89	5.93	667	5.60	10	7.42	2.00	1.8	.38	-H-	351	.3
310G-Y89	6.44	341	25.50	11	81.70	3.03	2.7	.49	.4	282	56.7
311G-Y89	48.40	388	2.19	4	1.03	1.04	9.9	1.67	24.6	365	<.2
312G-Y89	3.23	487	5.47	16	20.30	1.05	1.4	.61	.4	295	123.0
313G-Y89	-H-	54	2.89	<1	6.70	.22	.4	<.05	.3	3	21.4
314G-Y89	-H-	138	5.36	4	6.23	.82	.2	.09	.4	11	17.9
315G-Y89	.15	149	4.94	2	5.68	.22	.2	.02	.2	6	25.1
316G-Y89	.07	237	4.55	5	7.47	.38	.1	.02	.4	9	24.8
317G-Y89	.06	206	7.40	5	6.15	.43	.1	.08	.2	12	23.7
318G-Y89	.14	132	7.45	4	6.77	.40	.5	.03	.0	13	26.8
319G-Y89	.03	120	5.29	3	5.66	.34	<.2	.04	.1	11	21.1
320G-Y89	-H-	---	3.14	---	7.07	.30	.3	.03	.4	---	22.3

Table 1c. continued

Field Number	Hg (ppm)	Mn (ppm)	Mo (ppm)	Ni (ppm)	Pb (ppm)	Sb (ppm)	Se (ppm)	Te (ppm)	Tl (ppm)	V (ppm)	Zn (ppm)
321G-Y89	.05	132	4.42	4	6.61	.53	.2	.03	.3	14	22.5
322G-Y89	.07	153	8.73	6	20.04	1.37	.1	.06	.8	53	46.6
323G-Y89	.10	245	8.41	8	22.57	1.19	.3	.04	.3	29	56.5
324G-Y89	.03	273	5.32	4	21.35	.50	.0	.04	.3	21	39.1
325G-Y89	.11	243	10.92	8	6.20	.28	.2	.08	.3	10	23.2
326G-Y89	.05	232	5.15	6	10.10	.41	.1	.03	.3	33	37.0
327G-Y89	.47	285	6.86	4	20.85	.88	.4	.02	.5	57	29.8
328G-Y89	.06	150	11.06	7	4.41	.59	.1	.05	.5	17	17.8
329G-Y89	.31	534	5.41	10	21.25	.85	.4	.09	.3	46	27.9
330G-Y89	<.02	185	9.57	3	19.40	.29	.2	.01	.1	9	38.3
331G-Y89	-H-	225	9.69	1	109.00	.56	.4	.04	1.5	17	97.0
333G-Y89	-H-	165	8.31	1	143.00	.87	.8	<.05	2.8	32	95.3
334G-Y89	-H-	---	6.11	---	10.60	.13	.5	-H-	.8	---	38.5
336G-Y89	-H-	55	7.86	1	6.21	.21	.5	<.05	.5	3	29.2
338G-Y89	.04	90	6.73	3	10.85	.26	.2	.03	.2	5	15.0
339G-Y89	-H-	109	11.40	4	5.73	.42	.3	.06	.4	9	14.5
340G-Y89	.05	174	6.09	4	16.06	1.08	.1	.06	.5	38	40.7
341G-Y89	.13	326	7.14	3	47.40	.48	.2	.06	<.5	21	61.3

Table 1d. Geochemical Analyses of Stream Sediments
1989 Detailed Survey

Field Number	Latitude	Longitude	Ag (ppm)	Au (ppm)	As (ppm)	Bi (ppm)	Cd (ppm)	Co (ppm)	Cu (ppm)	Fe (ppm)	Ga (ppm)
121S-Y89	35.9381	113.2775	.0116	.00007	1.5	.08	.19	<1	1.82	3380	.7
121SRY89	35.9381	113.2775	.0107	.00003	2.4	.04	.18	1	1.85	3475	.7
164S-Y89	35.6811	113.9350	.0411	.00059	11.2	.23	.20	7	13.00	29000	4.7
175S-Y89	35.6950	113.9094	-H-	<.00003	5.8	<.05	.11	10	8.98	>72600	11.6
176S-Y89	35.6967	113.9317	.0263	.00003	6.9	.19	.14	5	11.20	13600	3.4
183S-Y89	35.7011	113.9172	.0247	<.00003	5.4	.13	.14	4	9.07	10200	2.5
184S-Y89	35.7028	113.9231	.0239	<.00003	7.1	.15	.11	7	11.70	18200	3.5
185S-Y89	35.7069	113.9350	.0245	<.00003	5.8	.14	.12	8	12.30	30400	4.1
186S-Y89	35.7106	113.9283	.0255	.00056	7.4	.20	.14	7	13.80	31400	5.0
188S-Y89	35.7086	113.8997	.0196	<.00003	6.6	.09	.11	6	10.40	15200	3.0
188SRY89	35.7086	113.8997	.0354	.00010	10.0	.27	.19	9	20.20	32300	5.4
199S-Y89	35.7275	113.9061	.0557	.00195	11.7	.23	.15	8	16.90	32400	4.7
294S-Y89	35.7139	113.9225	.0224	<.00003	7.1	.16	.14	7	12.30	37700	4.5
295S-Y89	35.7175	113.9189	.0339	.00096	7.9	.22	.15	8	14.00	35300	5.4
296S-Y89	35.6808	113.9217	.0497	.00013	6.2	.14	.17	8	16.00	29900	5.4
297S-Y89	35.6789	113.9217	.0870	.00873	7.3	.13	.14	9	17.30	30300	6.1
298S-Y89	35.6794	113.9175	.0599	.00203	8.1	.13	.18	11	14.60	34700	6.5
298SRY89	35.6794	113.9175	.0649	.00491	7.9	.09	.18	10	14.50	32300	6.1
299S-Y89	35.6744	113.9286	.0529	.00655	11.0	.17	.23	9	16.20	40100	7.2
300S-Y89	35.6733	113.9333	.0516	.00109	9.4	.20	.22	8	14.40	39900	5.4
306S-Y89	35.7197	113.9083	.0146	.00092	7.2	.11	.22	2	3.75	6031	1.1
307S-Y89	35.6969	113.8844	.0236	<.00003	4.4	.19	.08	7	12.10	16500	2.5
308S-Y89	35.7078	113.8950	.0144	.00007	6.7	.16	.11	6	11.30	28300	3.8
309S-Y89	35.6822	113.8586	.1210	.00017	15.5	.22	.42	7	14.20	19300	3.7
310S-Y89	35.6808	113.8583	.0898	.00013	18.1	.26	.48	7	13.70	25700	3.5
311S-Y89	35.6786	113.8714	.0356	<.00003	6.6	.13	.17	6	10.50	28100	4.9
312S-Y89	35.6758	113.8850	.2610	.01280	12.8	.17	.42	10	22.30	40000	6.8
313S-Y89	35.7397	113.3133	.0091	.00020	5.6	.05	.20	1	1.66	3130	.4
314S-Y89	35.7392	113.3133	.0134	.00007	5.6	.07	.23	1	2.52	3390	.6
315S-Y89	35.7442	113.3061	.0150	.00036	5.6	.07	.26	1	3.06	3853	.8
316S-Y89	35.7419	113.3122	.0163	<.00003	9.7	.17	.09	4	7.56	10000	1.8
317S-Y89	35.7422	113.3139	.0149	.00027	8.1	.19	.08	4	7.18	8699	1.2
318S-Y89	35.7444	113.3050	.0113	<.00003	3.8	.03	.23	1	1.68	3800	.6
319S-Y89	35.7436	113.3064	.0094	<.00003	4.3	.10	.22	<1	1.51	2999	.6
320S-Y89	35.7422	113.3086	.0114	<.00003	5.1	.10	.23	1	2.22	3815	.7
321S-Y89	35.7419	113.3103	.0113	<.00003	5.4	.04	.21	<1	1.67	3103	.6
322S-Y89	35.7383	113.3144	.0100	.00003	6.3	.05	.22	1	1.93	3358	.6

Table 1d. continued

Field Number	Latitude	Longitude	Ag (ppm)	Au (ppm)	As (ppm)	Bi (ppm)	Cd (ppm)	Co (ppm)	Cu (ppm)	Fe (ppm)	Ga (ppm)
323S-Y89	35.7414	113.3111	.0134	<.00003	7.6	.10	.21	1	3.20	3858	.6
324S-Y89	35.7389	113.3211	.0083	.00007	4.0	.01	.19	1	1.43	2913	.6
325S-Y89	35.7372	113.3189	.0126	<.00003	6.6	.19	.06	5	7.27	11000	1.2
326S-Y89	35.7408	113.3197	.0123	.00023	7.6	.09	.19	2	3.15	4662	1.0
327S-Y89	35.7311	113.3028	.0151	.00023	5.9	.04	.24	1	2.41	4132	.5
328S-Y89	35.7308	113.3036	.0247	.00026	6.7	.40	.09	6	12.30	15100	2.2
329S-Y89	35.7286	113.3025	.0085	<.00003	1.8	.08	.20	1	1.16	2696	.7
330S-Y89	35.7347	113.3078	.0120	.00016	4.3	.03	.20	1	1.64	3061	.6
331S-Y89	35.7372	113.3139	.0252	.00010	5.4	.12	.20	1	1.57	3059	.7
333S-Y89	35.7439	113.3414	.0245	<.00003	12.8	.03	.17	14	15.30	>72200	10.8
334S-Y89	35.7444	113.3397	.0081	<.00003	5.0	.02	.18	1	1.45	2742	.5
334SRY89	35.7444	113.3397	.0101	<.00003	5.0	.05	.20	1	1.52	2787	.5
336S-Y89	35.7447	113.3322	.0106	.00003	18.4	.13	.14	3	6.42	8600	1.1
338S-Y89	35.9697	113.2825	.0105	<.00003	.8	.06	.10	1	1.25	3219	.7
339S-Y89	35.9706	113.2808	.0089	<.00003	1.3	.09	.09	1	1.48	4274	.8
339SRY89	35.9706	113.2808	.0084	<.00003	.3	.03	.08	1	1.14	3407	.4

Table 1d. continued

Field Number	Hg (ppm)	Mn (ppm)	Mo (ppm)	Ni (ppm)	Pb (ppm)	Sb (ppm)	Se (ppm)	Te (ppm)	Tl (ppm)	V (ppm)	Zn (ppm)
121S-Y89	.03	105	.24	3	3.58	.06	<.2	.16	.1	5	11.8
121SRY89	.05	105	.19	3	3.56	.08	-H-	.11	<.5	5	12.2
164S-Y89	.21	340	.74	10	14.40	.34	.1	.16	<.5	43	60.8
175S-Y89	1.24	212	1.10	15	6.38	.13	.8	.19	.0	356	27.2
176S-Y89	.11	258	.63	8	8.16	.15	-H-	.12	.1	28	39.2
183S-Y89	.08	235	.53	8	8.07	.23	.0	.14	.0	20	31.6
184S-Y89	.13	310	.66	9	6.89	.22	.3	.11	.0	36	39.5
185S-Y89	.16	327	.62	10	7.14	.25	.3	.13	<.5	48	42.7
186S-Y89	.22	342	.88	10	10.30	.17	<.2	.11	<.5	55	51.7
188S-Y89	.11	271	.49	9	6.68	.19	<.2	.12	.1	31	35.6
188SRY89	.13	468	.79	15	12.80	.38	<.2	.13	.1	53	69.1
199S-Y89	.24	432	.85	12	11.10	.43	<.2	.14	<.5	46	48.6
294S-Y89	.32	314	.89	10	9.33	.23	<.2	.16	<.5	66	41.1
295S-Y89	.20	369	.73	12	10.20	.31	.2	.14	<.5	65	54.9
296S-Y89	.19	381	.76	12	11.30	.29	<.2	.09	<.5	46	49.6
297S-Y89	.22	452	.60	11	8.97	.30	<.2	.14	.1	49	52.7
298S-Y89	.15	492	.64	15	11.00	.22	-H-	.17	.2	55	65.4
298SRY89	.20	489	.69	15	11.10	.30	<.2	.08	.1	50	59.9
299S-Y89	.27	420	.79	11	15.80	.29	.0	.11	<.5	63	85.4
300S-Y89	.25	370	.73	11	13.30	.34	.1	.14	<.5	58	62.9
306S-Y89	.06	157	.35	2	13.30	.16	-H-	.05	.0	12	21.8
307S-Y89	.13	401	.41	13	6.52	.14	.1	.17	<.5	26	30.9
308S-Y89	.21	299	.56	13	7.56	.22	-H-	.11	<.5	52	38.2
309S-Y89	.21	460	.80	8	31.00	.45	.5	.14	<.5	27	70.7
310S-Y89	.21	436	1.15	7	22.70	.56	.0	.09	<.5	32	64.6
311S-Y89	.20	424	1.07	7	8.51	.26	.1	.17	<.5	32	59.7
312S-Y89	.42	499	.99	8	18.80	.80	-H-	.24	<.5	61	102.0
313S-Y89	.03	103	.24	2	3.26	.16	.0	.08	.1	5	11.5
314S-Y89	.03	110	.31	2	3.74	.09	-H-	.09	.1	4	15.5
315S-Y89	.05	109	.24	3	4.94	.07	-H-	.17	.0	6	18.4
316S-Y89	.09	246	.43	6	6.58	.21	.0	.09	.1	10	26.1
317S-Y89	.08	232	.36	5	6.47	.19	-H-	.09	.0	9	20.8
318S-Y89	.07	105	.20	2	3.90	.10	.1	.10	.1	5	12.8
319S-Y89	.03	89	.20	2	3.33	.08	-H-	.12	<.5	4	12.6
320S-Y89	.03	108	.21	3	4.13	.08	<.2	.10	<.5	5	15.1
321S-Y89	.04	96	.19	2	3.39	.11	-H-	.06	.0	4	13.2
322S-Y89	.02	103	.27	2	3.42	.08	-H-	.13	<.5	5	13.6

Table 1d. continued

Field Number	Hg (ppm)	Mn (ppm)	Mo (ppm)	Ni (ppm)	Pb (ppm)	Sb (ppm)	Se (ppm)	Te (ppm)	Tl (ppm)	V (ppm)	Zn (ppm)
323S-Y89	.05	137	.26	3	4.21	.09	<.2	.14	.1	6	13.3
324S-Y89	.03	90	.11	2	4.70	.03	-H-	.12	<.5	5	11.9
325S-Y89	.10	268	.37	5	5.33	.18	-H-	.14	.0	11	20.0
326S-Y89	.08	146	.26	3	6.63	.12	-H-	.09	<.5	7	17.3
327S-Y89	.05	161	.29	2	4.62	.11	<.2	.03	.1	6	13.1
328S-Y89	.13	218	.36	7	7.67	.34	<.2	.19	<.5	22	23.9
329S-Y89	.06	100	.16	2	4.90	.14	-H-	.14	<.5	4	10.1
330S-Y89	.05	105	.18	2	5.87	.05	.0	.09	.0	5	12.6
331S-Y89	.02	114	.14	2	6.72	.13	-H-	.19	<.5	5	11.8
333S-Y89	2.00	245	1.30	25	7.46	.21	1.6	.35	.0	342	35.6
334S-Y89	.05	96	.10	2	4.07	.08	<.2	.07	.0	4	10.1
334SRY89	.05	98	.12	2	5.15	.09	<.2	.08	.0	4	10.8
336S-Y89	.06	211	.53	4	8.60	.22	<.2	.10	<.5	13	24.8
338S-Y89	.04	99	.16	2	3.80	.11	-H-	.06	<.5	5	9.7
339S-Y89	.04	124	.11	3	3.92	.06	<.2	.12	<.5	6	9.1
339SRY89	.06	110	.12	2	3.61	.14	-H-	.03	.1	5	5.1