S. Temiang anomaly-area (㉘): The area contains 6 anomalies of Cu together with anomalies of Mo, Pb and Co. The values of Cu lie in a range of 71ppm～102 ppm, which may not be considered to be significantly high as compared with the value of basalt (100 ppm) and the crustal abundance (50 ppm). However, the back ground rocks are composed mainly of granite, and those Cu content is much lower than the above reference values (namely 10 ppm for the average granite). It thus appears that the area is higher in geochemical anowaly than the areas of 5,, 8 and 24 mentioned above.

S. Kutu anomaly-area (㉛): The area contains 6 anomalies of Mo, all being 2 ppm. This value is not high in comparison with the values of granite and shale. The Bt. Ipuh anomaly-area (㊷): This is situated at the southeast extention of the detailed survey area, containing anomalies of Cu-Zn and Co-Cr.

In addition to these, the anomaly-areas of S. Senawar (⑤) and S. Pangi (㉔) are of the Au anomalies of rank B. Among the Au-Ag-Hg anomaly areas of ranks A and B, those of rank A are outlined as follows.

The S. Meliki anomaly-area (㉕): The area contoins 5 anomalies of Au ranged 76 ppm ～1200 ppm, and associated with a Pb anomaly (200 ppm). The back-ground consists of granites and S. Rawas Formation.

S. Menalu anomaly-area (㉗): The area contains 6 anomalies of Au in a range of 102～2,060 ppm. Anomalies of Mo, Pb and Co are also found. The back ground is the same in geology as the above ㉕, and the both anormaly-areas seem to be due to same geologic phenomena.

S. Minaku-upstream anomaly-area (㊱, ㊲): The (㊱) and the (㊲) are adjacent to each other and situated in the Hulusimpang Formation. The (㊱) and the (㊲) contain 16 anomalies and 7 anomalies of Au, respectively to constitute the largest-area in the survey area . The (㊱) sometimes shows anomalies exceeding 10,000 ppb, and is also associated with 11 anomalies of Ag. The (㊲) differs in lacking such characteristics.

Chapter 3 Geochemical Survey in the Detailed Survey Area

3-1 Analytical Results

(1) Processing of analytical results

The analytical values (Table 21) for 150 samples collected from detailed survey area have first been convected into logarithms, then the maximum value,minimum value, mean value and standard deviation have been figured out on each element to construct frequency distribution diagram and accumulated frequence distribution diagram (Table 19, Fig. 25)

Table 19 Statistic Values of Geochemical Analysis in the Detailed Survey Area

	N	MEAN	MEAN (LOG)	VARIANCE	ST. D	MINIMUM	MAXIMUM	M+σ	M+2σ
Cu	150	15.651230	1.194548	.109474	.330809	4.00	131.00	33.53	71.93
Mo	150	1.024897	.010680	.004989	.070630	1.00	5.00	1.21	1.42
Pb	150	18.799800	1.274153	.296822	.544814	1.00	475.00	65.91	231.09
Zn	150	77.127930	1.887212	.133744	.365710	9.00	1065.00	179.03	415.50
Ag	150	.117005	-.832668	.105920	.325462	.10	2.10	.31	.66
Ni	150	7.646191	.883445	.120113	.346573	1.00	35.00	16.98	37.72
Co	150	6.688868	.825353	.131101	.362079	1.00	35.00	15.40	35.44
Cr	150	36.680230	1.564432	.042593	.206380	12.00	100.00	58.00	94.88
As	150	5.000059	.699053	.171727	.414400	1.00	59.00	12.99	33.72
Hg	150	36.469170	1.561926	.034101	.184066	20.00	1700.00	55.79	85.36
Li	150	16.202550	1.211989	.099657	.315685	2.00	128.00	33.70	69.72
Au	150	1.511292	.179348	.707980	.841416	.50	4130.00	10.49	72.81

(2) Frequency distribution characteristics of elemental content:

The distribution characteristis of elemental contents are as follows :

a) Cu : The values range from 4 to 31 ppm with 16 ppm in mean value, being higher than those of the reconnaissance survey area. Comparing with the frequency distribution of the reconnaissance survey area, it is found that the relative frequency for less than 6 ppm is small and that for above 60 ppm is high. Consequently, the accumulated frequency distribution is not a straight line such as that in the case of the reconnaissance survey area, forming a bended line.

b) Mo : 3 samples are 2 ppm and a sample is 5 ppm. Although the samples exceeded the detected limit of 0.1ppm, namely only four samples, are few, their relative frequency (%) is about two times larger than the case of the reconnaissance survey area.

c) Pb : The values range from I to 475 ppm with 19 ppm in mean value, being high as compared with those of the reconnaissance survey area. On the frequency distribution diagram, they show a characteristic figure which extends in a trailing skirt towards high values in the area from 10 ppm to 200 ppm.

d) Zn : The values range from 9 to 1,065 ppm with 77 ppm in mean value. Similarly to the above case of Pb, in most cases they are high values as compared with those of the reconnaissance survey area, forming a small peak around 200 ppm~400 ppm.

e) Ag : The values range from < 0.1 ppm to 2.1 ppm . About 25 % of total samples, namely 38 samples in 150 samples, exceed the detection limit. This proportion is about five times high in comparison with the values of 5 % for the reconnaissance survey area, though no significant high values are observed.

f) Ni : The values are concentrated in a range from 1 to 35 ppm and have 8 ppm in mean value. The values are sligtly high as compared with that of the reconnaissance survey area. A reason that no remarkable high Ni content values are distributed in the detailed area may be due to very limited exposures of basic rock in the area.

g) Co : The values range from 1 ppm to 35 ppm, with 7 ppm in mean values, and show similar characteristics to Ni.

h) Cr : The values range from 12 ppm to 100 ppm, with 37 ppm in mean value, which is slightly low as compared with the values of the reconnaissance survey area, 38 ppm. They are rather close to a logarithmic normal distribution in comparison with the other elements.

i) As : The values range from 1 ppm to 59 ppm with 5 ppm in mean value, which is only slightly higher than that of the reconnaissance survey area, 4 ppm.

j) Hg : The values range from 20 ppb to 1,700 ppb with 36 ppb in mean value, being the same as that of the reconnaissance survey area. Excepting a samples with 1,700 ppb, the rest are concentrated in a range lower than 170 ppb.

k) Li : The values range from 2 ppm to 128 ppm, with 16 ppm in mean value, being only slightly lower than 17 ppm of the value in the reconnaissance sarvey area. Excepting 128 ppm of a maximum value, the rest values are concentrated in a range less than 38 ppm.

l) Au : The values range from < 0.1 ppb to 4,130 ppb with 1.5 ppb in mean value, which is slightly lower than 1.8 ppb of the value in the reconnaissance survey area.

3-2 Difference of the Contents Owing to Back Ground Rocks

In the vicinity of the mineral indications in the detailed survey area, high anomaly values of Pb and Zn are recognized. These anomalies tend to be concentrated in the contact zones between the quartz monzonites and the S.Rawas Formation. The high anomaly values of Pb and Zn are considered to be more likely due to the influence of mineralizations rather than due to the difference of back ground rocks. Furthermore, as shown by the complicated shapes of the quartz monzonite intrusion, the drainage area sampled the stream sediments is underlain by a variety of rock types in the detailed survey area. Therefore, it is not necessary to examine on the influence by difference between the anomaly values and back ground rock in the detailed survey area.

3-3 Relation among Elements

By means of correlation of matrixes and principal component analysis as employed in the case of the reconnaissance survey area, same process have been carried out to reveal possible relations in geochemical behavior among the elements concerned.

As seen from the correlation matrixes (Table 20), the following elemental pairs exceed 0.5 of correlation coefficients ; namely Cu-Co, Cu-Cr, Cu-As, Pb-Ag, Zn-Ag, Ni-Co, Ni-Cr, Co-Cr and As-Li. Although none of them exceeds the value of 0.7 as obtained in the reconnaissance survey area, there are comparatively high positive correlations in Pb-Ag, Zn-Ag and Cu-As, which are not found in the reconnaissance survey area. This is considered to reflect the geochemical phenomenon of the elements probably owing to the mineralizations in the detailed survey area. Other elemental pairs are lower correlation coefficients, but those exceeding 0.16 can not necessarily be regarded as of "no correlation".

According to the results of principal component analyses (Table 20), the accumulation proportion up to the third principal component gives 60.9 %, and that up to the sixth principal component gives 84.3 %. However, the proportions after the fourth principal component are all less then 10 % and hence they are unlikely indicative of the behavior of many elements.

The data of factor loading (Table 20) indicate that the first principal component is highly

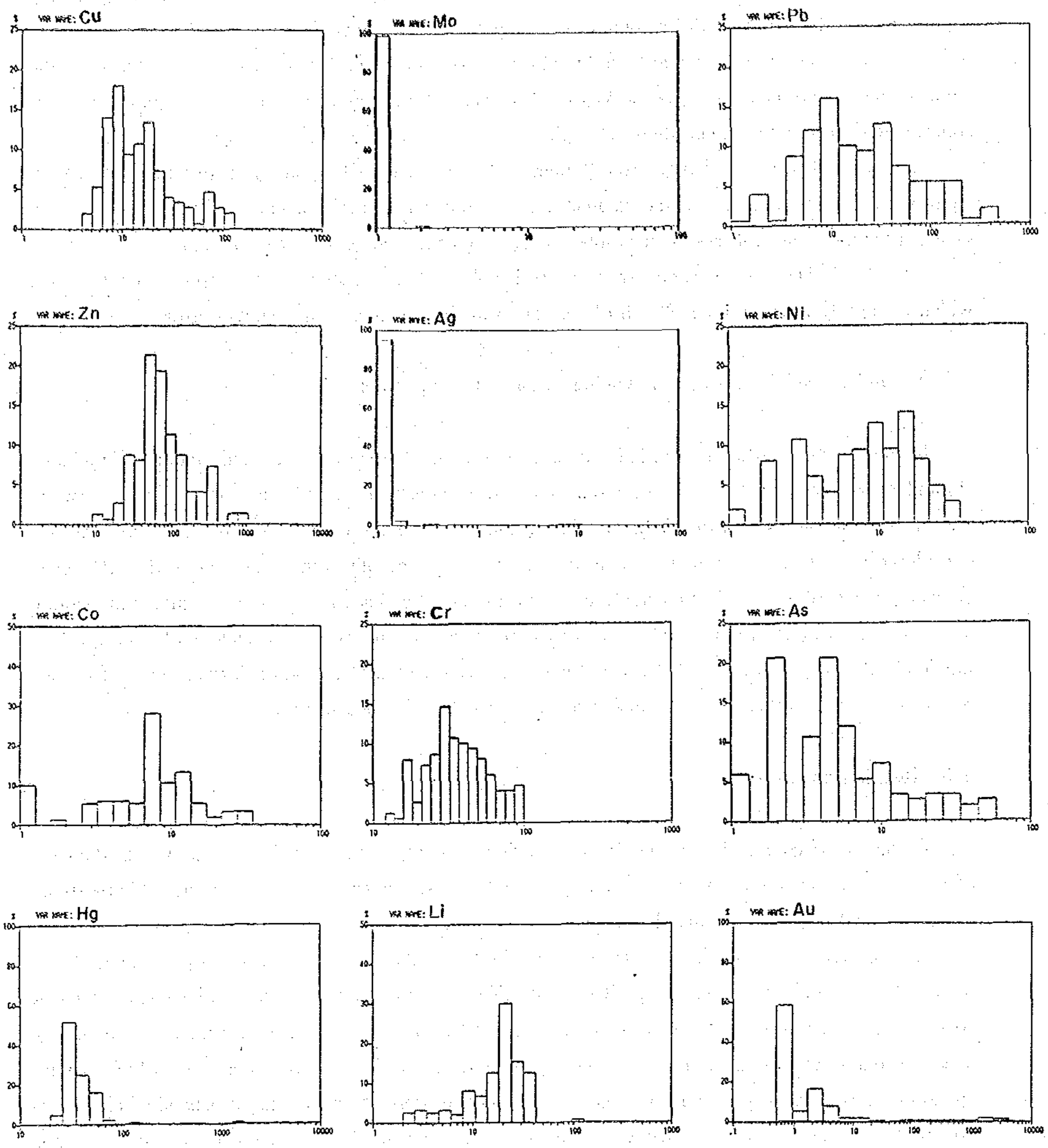


Fig. 25 Histogram of the Contents in Stream Sediments in the Detailed Survey Area

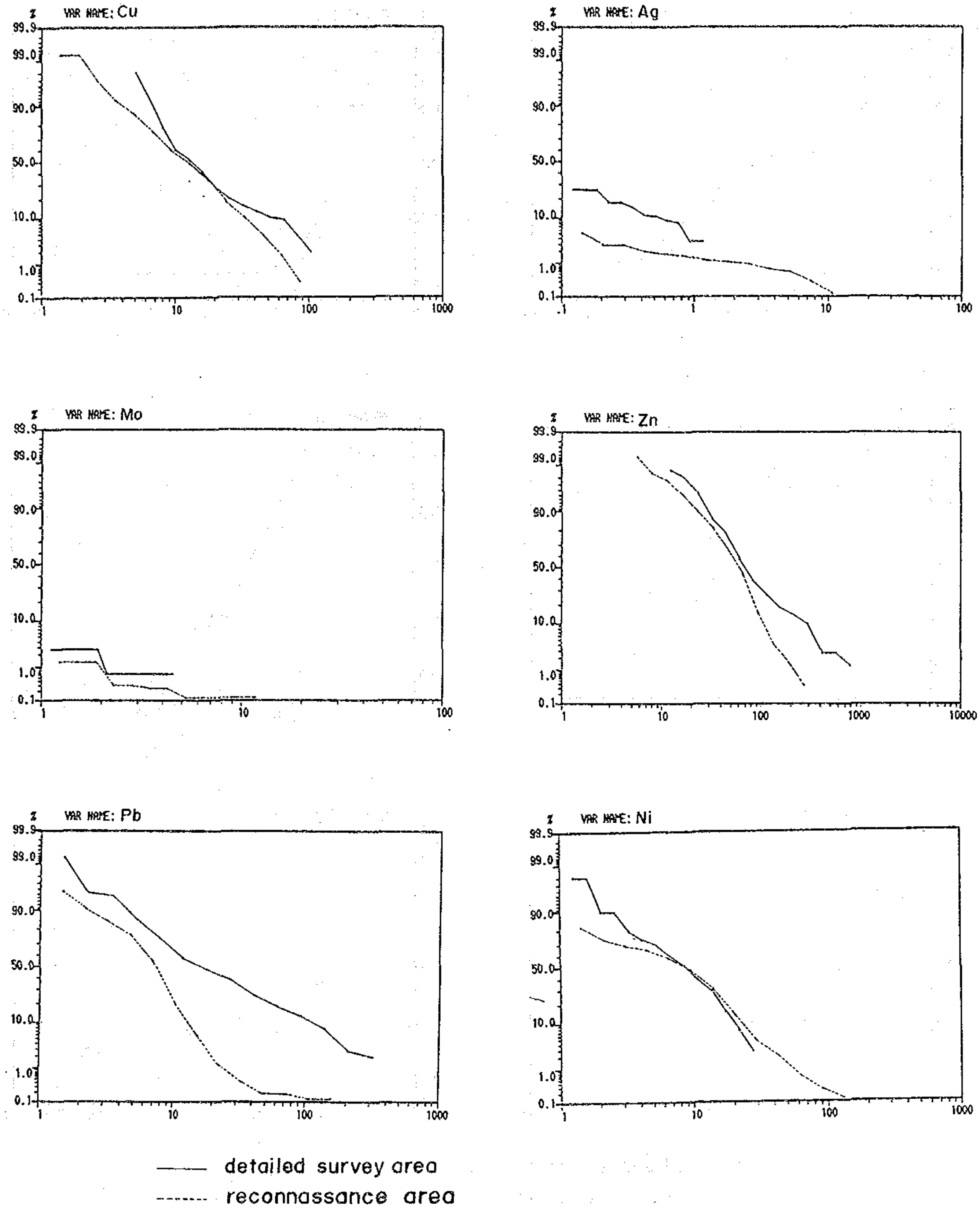
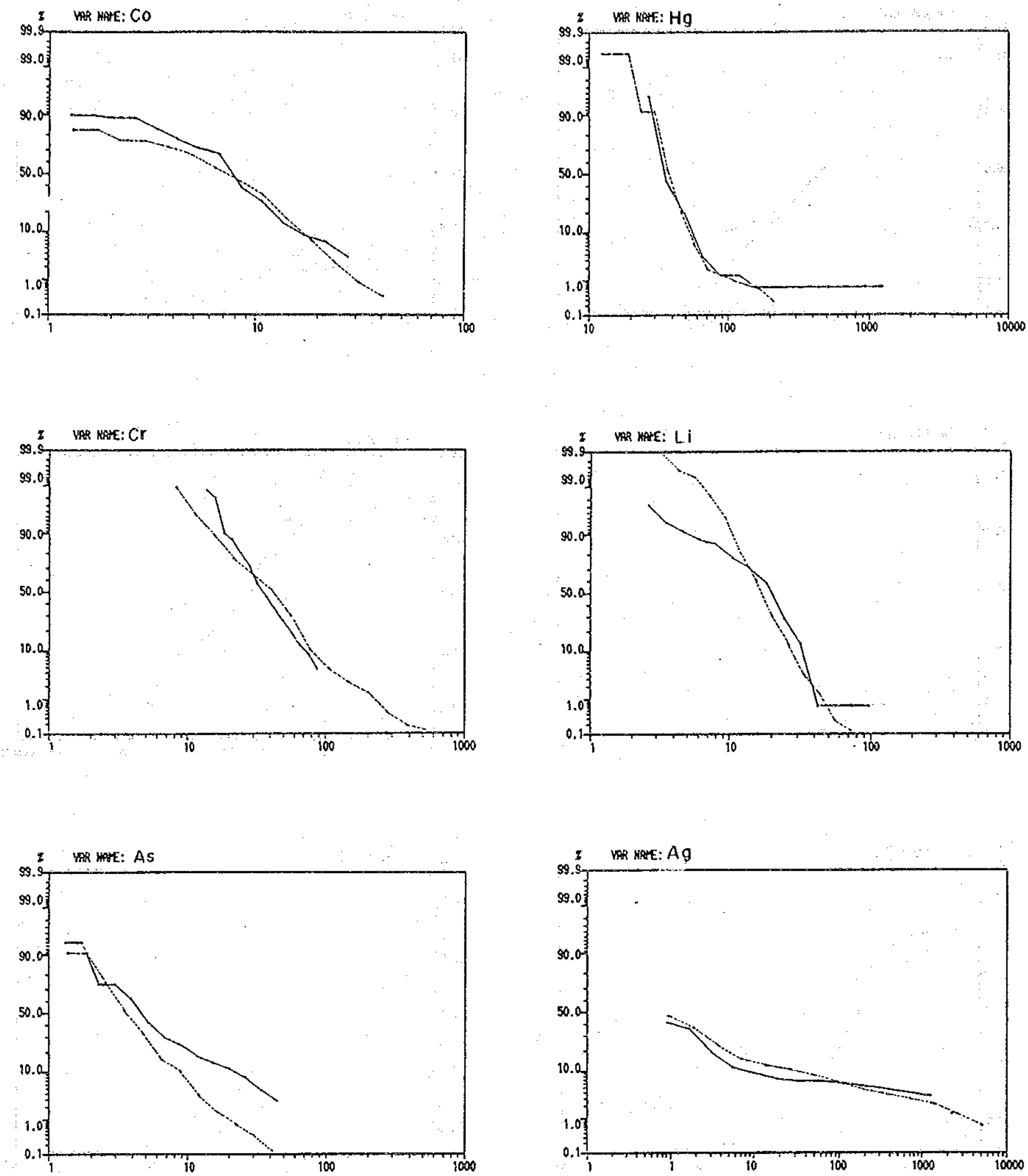


Fig. 26 Cumulative Frequency of the Contents in Stream Sediments of Whole Area (1)



—— detailed survey area
------ reconnassance area

Fig. 26 Cumulative Frequency of the Contents in Stream Sediments of Whole Area (2)

correlated with Cu, Zn, Ni, Co, Cr, and As. This may be considered to account for certain facfors related with the Cu-mieralization. The second principal component is highly correlated with Pb, Zn and Ag, which may probably be involued in factors related with the Pb-Zn-Ag mineralization. Furthermore, the third principal component is possitively correlated with Zn and Co, but with As and Li negatively correlated. This may possibly reflect the of basicity grade of the back ground rocks.

3-4 Extraction and Evaluation of Anomaly Areas

(1) Setting up of threshold values

As already mentioned in (3-2), values Pb, Zn and Ag elements are more frequently higher in the detailed survey area than those in the reconnaissance survey area. Therefore, their threshold values have been calicurated by the same method applied to the reconnaissance survey area, and the shreshold values have been used to extract anomalies. However there would be in danger of missing anomaly area to which the effect of mineralization actually extends, if the threshold values are set up a high, namely $m+2\sigma$.. So, in the detailed survey area, two levels of threshods as given by $m+\sigma$ and $m+2\sigma$ have been set up, and two ranks of anomalies have been extracted. Besides, the $m+\sigma$ values of those elements except Pb are usually smaller than the $m+2\sigma$ velues in the reconnaissance survey area.

(2) Extraction of Anomaly Areas

In the detailed survey area, three mineral indications are already known. Therefore, it is the main purpose to estimate the extension of these mineralized zones by evaluation of the anomalies. Then, paying attentions to elements of Cu, Pb, Zu and Ag, their values have heen grouped to three ranks on the basis of the two levels of thresholds mentioned above, and anomaly areas have been deliniated to indicate the extention (Fig. 27). The anomaly areas of other elements have been delineated by values exceeding $m+2\sigma$. In addition to this, the anomaly areas indicated in Figuer 24 have been defined by more than two values exceeded $m+2\sigma$ in neighbouring with each other as same as the case of the reconnaissance survey area. The threshold values used are determined from the data of the S. Rawas Formation.

(3) Evaluation of Anomaly Area

The anomalies is distributed in two major areas. One area is a NE-SW trending area in which a number of anomalies are thickly concentrated, extending from the mineral indications of S. Sepan and S. Kering to S. Tuboh. The other is an area which extends from the downstream of S. Tuboh towards south and reaches up to Bt. Ipuh in the reconnaissance survey area. In the first anomoly area, it is suggested that a mineralization zone which is similar property to the S. Tuboh mineral indication extends continously up to the S. Sepan-S. Kering mineral indications. On the other hand, in the second anomaly area, a mineralization zone principally of copper is suggestively distributed widely. In this area anomalies of Au and Ag are also existed.

It cannot be asserted positively that the above two anomaly areas have been caused by the same-timed mineralization event. However, it is interested in that the Pb-Zn-Ag mineralization and the Cu-As-Au mineralization appear to constitute a regional zonal-arrangement in a mineralization.

Only some low-ranked anomalies are scattered in the central portion of the quartz monzonite rock body between the two anomaly areas mentioned above and in the northeastern part of the detailed survey area. Furthrmore, no anomalies are recognized in the upstream of the S. Sepan. It is thus concluded that the two anomaly areas mentioned above are considered to be the most promising areas in the detailed survey area in view of the geochemical survey result.

Table 20 Results of Principal Component Analysis for the Detailed Survey Area

CORRELATION MATRIX

	Cu	Mo	Pb	Zn	Ag	Ni	Co	Cr	As	Hg	Li	Au
Cu	1.000	.112	.231	.473	.240	.493	.524	.616	.621	.254	.337	.347
Mo	.112	1.000	-.053	.038	-.078	.106	.157	.107	.129	.014	.039	.033
Pb	.231	-.053	1.000	.480	.667	-.191	-.259	-.166	.157	.102	.171	-.060
Zn	.473	.038	.480	1.000	.643	.290	.440	.100	.223	.138	.232	.037
Ag	.240	-.078	.667	.643	1.000	-.114	-.093	-.161	.079	.218	.226	-.001
Ni	.493	.106	-.191	.290	-.114	1.000	.524	.631	.470	.008	.276	.220
Co	.524	.157	-.259	.440	-.093	.524	1.000	.556	.247	.070	-.014	.175
Cr	.616	.107	-.166	.100	-.161	.631	.556	1.000	.491	-.021	-.011	.356
As	.621	.129	.157	.223	.079	.470	.247	.491	1.000	.065	.518	.329
Hg	.254	.014	.102	.138	.218	.008	.070	-.021	.065	1.000	.177	.006
Li	.337	.039	.171	.232	.226	.276	-.014	-.011	.518	.177	1.000	.161
Au	.347	.033	-.060	.037	-.001	.220	.175	.356	.329	.006	.161	1.000

	EIGENVALUE	ACCUMULATED PROPORTION
1	.3655174E+01	.305
2	.2425465E+01	.507
3	.1230667E+01	.609
4	.1006914E+01	.693
5	.9553989E+00	.773
6	.8483335E+00	.843
7	.6481047E+00	.897
8	.4082310E+00	.932
9	.2702236E+00	.954
10	.2612746E+00	.976
11	.1728032E+00	.990
12	.1176450E+00	1.000

EIGENVECTOR

	1	2	3	4	5	6
Cu	.459978E+00	-.565493E-01	.163466E-01	.424643E-02	.860664E-01	.129494E+00
Mo	.946333E-01	.944237E-01	.509633E-01	-.683230E+00	-.639612E+00	.299115E+00
Pb	.753644E-01	-.536001E+00	-.458827E-02	.161355E+00	-.209880E+00	.141510E+00
Zn	.299566E+00	-.358589E+00	.406236E+00	.503540E-01	-.928662E-01	-.131863E+00
Ag	.119495E+00	-.551335E+00	.137771E+00	.932558E-01	-.286544E-01	.106471E+00
Ni	.379774E+00	.221303E+00	.449542E-01	.223915E-01	-.125900E-02	-.364549E+00
Co	.340396E+00	.217007E+00	.475391E+00	-.668086E-01	.877722E-01	-.686314E-01
Cr	.372537E+00	.297673E+00	.935124E-01	.181037E+00	.203655E-01	.140155E+00
As	.389722E+00	-.291200E-03	-.404487E+00	.255155E-01	-.139818E+00	-.102459E+00
Hg	.105609E+00	-.182525E+00	-.210415E-01	-.577471E+00	.706569E+00	.210613E+00
Li	.233941E+00	-.192297E+00	-.556430E+00	-.194557E+00	-.766666E-02	-.425130E+00
Au	.230478E+00	.114294E+00	-.320433E+00	.293591E+00	.550098E-01	.672437E+00

FACTOR LOADING

	1	2	3	4	5	6	7	8	9	10	11	12
Cu	.879	-.088	.018	.004	.084	.119	-.190	.180	.039	-.244	-.260	.004
Mo	.181	.147	.057	-.686	-.625	.275	.024	-.067	.021	-.013	-.001	-.002
Pb	.144	-.835	-.005	.162	-.205	.130	-.294	-.035	-.263	-.117	.140	.083
Zn	.573	-.558	.451	.051	-.091	-.121	.253	.011	-.105	.081	-.019	-.223
Ag	.228	-.859	.153	.094	-.028	.098	.089	-.146	.339	.101	-.022	.114
Ni	.726	.345	.050	.022	-.001	-.336	.043	-.454	-.128	.009	-.080	.089
Co	.651	.338	.527	-.067	.086	-.063	.207	.282	-.035	.016	.133	.163
Cr	.712	.464	.104	.182	.020	.129	-.324	-.119	.193	-.072	.206	-.115
As	.745	-.000	-.449	.026	-.137	-.094	-.236	.179	-.032	.354	-.027	.009
Hg	.202	-.284	-.023	-.579	.691	.194	-.097	-.088	-.064	.066	.042	-.018
Li	.447	-.299	-.617	-.195	-.007	-.392	.275	.068	.078	-.188	.126	-.018
Au	.441	.178	-.355	.295	.054	.619	.403	-.067	-.084	.013	.011	.005

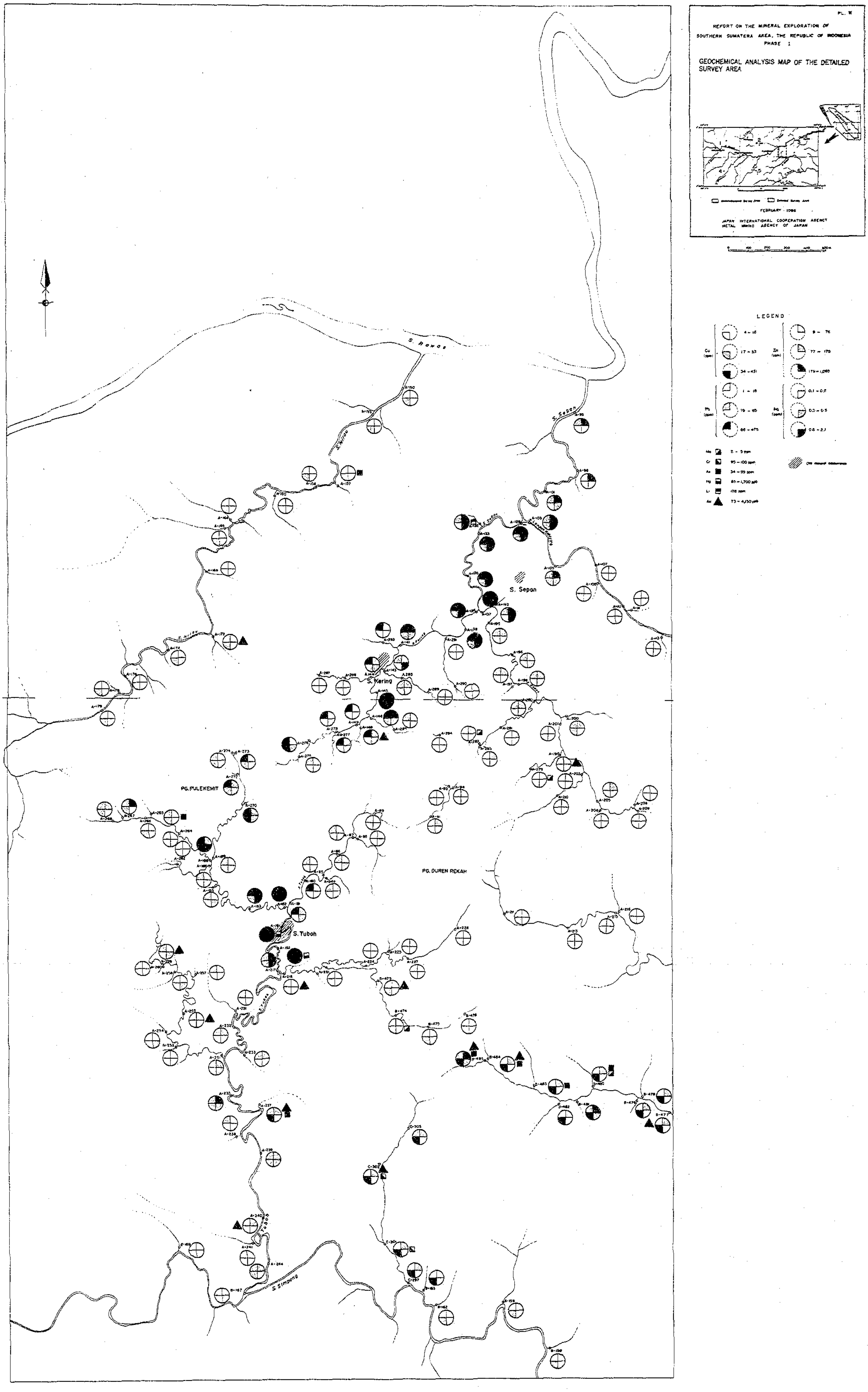


Fig. 27 Geochemical Anomalous Area in the Detailed Survey Area

Table 21 List of the Results of Geochemical Analysis (1)

Sample No.		Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Cr ppm	As ppm	Hg ppb	Li ppm	Au ppb
A	1	30	1	7	85	0.1	28	18	98	14	40	32	9
A	2	27	1	11	75	0.1	19	15	62	10	30	23	2
A	3	34	1	9	84	0.1	20	16	74	10	30	23	2
A	4	22	1	10	78	0.1	13	12	52	4	110	17	14
A	5	26	1	6	83	0.1	26	16	82	4	40	26	<1
A	6	19	1	7	87	0.1	16	12	60	4	40	18	3
A	7	14	1	5	61	0.1	13	7	56	3	20	18	46
A	8	18	1	9	64	0.1	15	9	60	4	30	15	<1
A	9	23	1	11	101	0.1	16	11	54	4	30	18	1
A	10	21	1	13	80	0.1	17	12	58	6	30	22	<1
A	11	14	1	11	40	0.1	7	11	38	2	40	11	<1
A	12	21	1	15	78	0.1	16	15	30	6	30	18	<1
A	13	12	1	6	64	0.1	8	9	38	3	40	12	<1
A	14	21	1	11	68	0.1	11	12	42	5	40	17	2
A	15	11	1	9	56	0.1	6	8	30	3	40	15	<1
A	16	6	1	6	24	0.1	3	4	26	5	40	16	<1
A	17	18	1	9	72	0.1	11	15	38	4	40	14	<1
A	19	9	1	8	43	0.1	5	7	32	4	50	15	<1
A	20	12	1	10	62	0.1	6	10	24	3	40	14	<1
A	21	11	1	8	62	0.1	7	10	32	3	30	13	<1
A	22	20	1	7	114	0.1	11	17	42	2	30	15	<1
A	23	15	1	8	32	0.1	6	4	44	7	30	20	1
A	24	22	1	9	75	0.1	24	13	64	6	30	28	<1
A	25	16	1	5	67	0.1	17	7	40	4	60	26	<1
A	26	18	1	11	89	0.1	17	7	72	4	50	20	<1
A	27	17	1	9	72	0.1	17	11	62	7	20	22	2
A	28	16	1	11	63	0.1	13	8	48	4	20	16	1
A	29	82	1	11	97	0.1	15	34	56	12	30	27	2
A	30	93	1	6	117	0.1	28	53	80	1	20	22	5
A	31	102	1	7	85	0.1	17	38	66	6	30	19	4
A	32	40	12	8	57	0.1	10	17	46	3	30	20	2
A	33	9	1	8	173	0.1	3	6	22	1	20	10	<1
A	34	14	1	6	74	0.1	10	10	38	3	20	14	<1
A	35	11	1	7	98	0.1	8	11	32	2	20	18	<1
A	36	11	1	4	69	0.1	6	11	34	2	30	10	<1
A	38	19	1	6	86	0.1	6	9	30	1	30	16	<1
A	39	8	1	4	63	0.1	5	8	28	1	20	13	<1
A	40	8	1	5	55	0.1	6	8	35	1	30	18	2
A	41	10	1	2	76	0.1	7	8	33	1	20	12	<1
A	42	10	1	4	66	0.1	6	8	32	1	20	14	<1
A	44	6	1	7	78	0.1	5	8	40	1	50	15	<1
A	45	9	1	7	80	0.1	5	8	28	1	30	15	<1
A	46	6	1	6	56	0.1	6	6	28	1	30	22	<1
A	47	32	1	10	94	0.1	14	8	60	25	30	16	<1
A	48	15	1	9	60	0.1	13	11	42	7	50	19	<1
A	49	41	1	8	81	0.1	8	13	40	9	30	14	<1
A	50	16	1	6	51	0.1	10	10	46	3	40	18	<1
A	51	27	1	13	92	0.1	25	15	64	14	30	37	4
A	52	21	1	7	71	0.1	17	11	58	6	30	22	2
A	53	10	1	7	33	0.1	8	7	40	3	70	18	5
A	54	11	1	9	63	0.1	13	9	64	3	60	17	<1
A	55	34	1	4	85	0.1	19	13	60	16	50	20	3
A	56	20	1	7	74	0.1	14	11	48	4	50	18	8
A	57	15	1	8	58	0.1	13	7	52	4	50	20	2
A	58	20	1	8	78	0.1	24	12	70	5	50	22	2
A	59	46	1	4	83	0.1	44	30	140	11	40	29	1
A	60	14	1	8	57	0.1	16	13	64	5	50	18	<1
A	61	22	1	7	72	0.1	18	11	56	9	40	20	2
A	62	21	1	12	68	0.1	13	13	66	4	70	24	2
A	63	38	1	3	80	0.1	29	24	102	10	40	24	2
A	64	56	1	2	95	0.1	44	29	138	7	40	30	<1
A	65	60	1	2	96	0.1	36	30	124	10	40	32	<1
A	66	23	1	9	75	0.1	17	9	82	11	50	23	1
A	67	16	1	7	53	0.1	16	8	70	6	40	25	<1

Table 21 List of the Results of Geochemical Analysis (2)

Sample No.	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Cr ppm	As ppm	Hg ppb	Li ppm	Au ppb
A 68	27	1	5	73	0.1	18	11	66	10	40	30	3
A 69	35	1	6	84	0.1	26	16	62	20	80	19	<1
A 70	30	1	6	89	0.1	25	19	70	7	60	24	3
A 71	23	1	8	70	0.1	16	11	50	6	50	18	<1
A 72	51	1	2	90	0.1	59	30	182	9	40	32	<1
A 73	51	1	6	83	0.1	15	17	52	7	50	24	5
A 74	53	1	1	86	0.1	45	29	140	10	40	33	1
A 75	35	1	6	76	0.1	16	13	54	12	40	14	4
A 76	26	1	9	101	0.1	27	15	80	20	50	30	4
A 77	33	1	7	74	0.1	20	17	72	11	50	18	3
A 78	20	1	8	76	0.1	16	12	54	6	50	22	5
A 79	45	1	5	83	0.1	27	19	86	24	40	19	2
A 80	21	1	6	74	0.1	17	10	58	10	40	24	11
A 81	20	1	5	62	0.1	13	10	42	4	50	22	<1
A 82	17	1	7	75	0.1	14	10	52	7	60	19	8
A 83	50	1	5	84	0.1	48	31	140	9	50	29	1
A 84	51	1	7	85	0.1	41	24	118	10	60	30	<1
A 116	73	1	1	99	0.1	82	38	290	7	50	44	1
A 117	70	1	1	97	0.1	104	41	290	6	40	30	<1
A 119	38	1	1	79	0.1	28	21	114	7	50	31	1
A 121	37	1	1	69	0.1	26	22	110	15	40	30	1
A 123	80	1	2	95	0.1	26	26	80	9	40	32	1
A 124	55	1	1	97	0.1	24	24	70	11	40	39	<1
A 125	66	1	5	80	0.1	18	21	70	10	50	66	9
A 126	23	1	14	95	0.1	17	12	44	6	50	32	<1
A 127	17	1	12	103	0.1	12	10	46	3	30	20	<1
A 245	12	1	13	84	0.1	6	6	32	2	60	16	<1
A 246	5	1	11	119	0.1	2	7	26	2	30	10	<1
A 247	12	1	7	64	0.1	5	8	28	3	30	14	<1
A 248	12	1	7	55	0.1	9	8	46	3	30	17	<1
A 249	11	1	9	69	0.1	9	8	50	4	30	17	44
A 250	6	1	8	59	0.1	5	8	40	3	40	17	<1
A 294	22	1	25	64	0.1	15	11	50	5	40	20	13
A 295	24	1	15	68	0.1	20	14	70	4	50	14	<1
A 296	38	1	11	69	0.1	29	12	86	5	50	23	3
A 297	23	1	13	74	0.1	23	14	80	5	40	25	<1
A 298	9	1	12	59	0.1	7	8	46	2	30	18	<1
A 299	16	1	11	70	0.1	13	12	52	2	60	17	<1
A 300	28	1	9	75	0.1	17	10	62	14	30	19	<1
A 301	21	1	2	84	0.1	31	13	84	5	30	20	<1
A 302	13	1	10	79	0.1	13	10	66	5	60	18	55
A 303	18	1	8	69	0.1	14	10	64	4	30	19	<1
A 304	31	1	8	79	0.1	23	12	68	7	40	38	1
A 305	15	1	10	102	0.1	16	10	78	16	60	20	42
A 306	81	1	10	88	0.1	16	11	52	11	30	18	2
A 307	32	1	9	72	0.1	15	12	54	17	40	21	4
B 1	23	1	8	102	0.1	14	12	60	6	50	24	7
B 2	18	1	8	86	0.1	13	9	48	4	40	24	<1
B 3	33	1	6	77	0.1	13	11	46	5	60	22	<1
B 4	20	1	11	67	0.1	14	15	40	4	50	22	<1
B 5	23	1	8	80	0.1	14	12	46	4	40	22	<1
B 6	22	1	8	84	0.1	13	10	54	4	40	24	<1
B 7	73	1	5	88	0.1	26	24	106	5	50	24	2
B 8	16	1	9	73	0.1	11	6	42	6	50	22	<1
B 10	29	1	7	76	0.1	15	14	60	7	40	22	<1
B 11	22	1	6	74	0.1	12	10	48	4	40	23	<1
B 13	20	1	9	84	0.1	13	11	48	6	50	22	<1
B 16	50	1	8	119	0.1	14	22	46	9	20	19	<1
B 17	46	1	7	85	0.1	14	17	48	4	30	18	1
B 18	44	1	3	80	0.1	19	18	54	6	20	17	2
B 19	43	1	6	90	0.1	14	17	48	6	30	18	<1
B 20	48	1	4	78	0.1	14	19	38	5	20	10	<1
B 22	36	1	8	85	0.1	17	17	46	7	30	22	23
B 24	38	1	3	98	0.1	20	15	68	4	30	18	34

Table 21 List of the Results of Geochemical Analysis (3)

Sample No.	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Cr ppm	As ppm	Hg ppb	Li ppm	Au ppb
B 26	34	1	4	90	0.1	13	13	60	6	30	22	<1
B 27	26	1	6	81	0.1	12	13	50	4	20	24	<1
B 28	33	1	6	91	0.1	13	16	54	4	30	20	2
B 31	34	1	5	78	0.1	12	15	44	4	30	22	<1
B 32	27	1	7	80	0.1	13	11	48	3	30	23	<1
B 33	36	1	6	96	0.1	14	13	60	4	20	22	<1
B 34	30	1	7	99	0.1	14	12	66	3	20	24	<1
B 35	58	1	4	78	0.1	11	13	38	3	30	20	<5
B 38	20	1	5	81	0.1	13	7	56	3	20	24	<1
B 40	25	1	8	81	0.1	12	10	50	3	20	22	<1
B 41	27	1	10	87	0.1	13	14	50	4	20	24	<1
B 42	15	1	6	65	0.1	12	12	46	4	30	23	<1
B 43	15	1	11	66	0.1	11	8	40	4	30	22	<7
B 44	19	2	9	110	0.1	13	9	60	4	20	23	<2
B 45	29	1	10	93	0.1	16	10	78	2	20	22	<1
B 46	30	1	8	81	0.1	16	9	60	4	30	22	<2
B 47	17	1	10	58	0.1	12	8	40	4	40	22	<2
B 49	24	1	11	73	0.1	15	10	50	4	40	22	<2
B 50	22	1	7	71	0.1	14	8	52	3	30	21	<1
B 52	16	1	8	90	0.1	13	9	68	3	20	22	<1
B 55	16	1	6	92	0.1	11	9	64	4	20	21	<5
B 56	18	1	8	102	0.1	12	11	52	4	20	23	<5
B 58	20	1	9	134	0.1	15	10	72	3	20	22	<5
B 59	16	1	8	100	0.1	12	6	64	3	20	21	<1
B 60	17	1	7	102	0.1	13	8	66	4	20	21	<1
B 61	14	1	8	65	0.1	11	7	48	4	20	22	<1
B 63	16	1	6	112	0.1	13	9	70	4	20	22	<1
B 64	16	1	7	74	0.1	11	7	50	4	20	21	<1
B 65	13	1	8	68	0.1	11	8	49	4	20	28	<1
B 66	16	1	8	77	0.1	12	6	46	4	20	19	<1
B 67	13	1	7	55	0.1	10	5	46	4	30	20	<1
B 68	17	1	9	62	0.1	12	9	58	4	20	22	<1
B 69	35	1	4	267	0.1	27	16	140	1	50	10	<1
B 71	15	1	10	69	0.1	11	9	46	5	50	24	<1
B 72	31	1	4	80	0.1	14	16	52	4	50	19	31
B 75	27	1	8	84	0.1	12	11	64	4	40	23	<1
B 76	28	1	7	100	0.1	12	9	60	4	40	22	<1
B 77	27	1	7	75	0.1	13	10	45	4	60	23	<1
B 79	30	1	5	80	0.1	15	15	56	3	50	21	<1
B 81	27	1	7	99	0.1	15	12	72	4	40	22	5
B 82	29	1	6	78	0.1	18	16	66	4	50	21	<1
B 83	27	1	5	83	0.1	14	11	58	4	50	23	<1
B 84	34	1	7	86	0.1	18	18	68	2	50	20	<1
B 85	28	1	9	76	0.1	14	9	52	3	70	18	4
B 86	29	1	8	79	0.1	12	10	52	3	60	19	3
B 87	21	1	9	68	0.1	11	10	43	3	60	19	<1
B 88	20	1	8	67	0.1	10	9	48	4	60	19	<1
B 92	26	1	9	94	0.1	13	9	50	3	50	20	<1
B 90	28	1	9	86	0.1	13	10	48	4	50	20	<1
B 91	25	1	9	65	0.1	13	10	62	3	50	18	<2
B 92	26	1	9	64	0.1	13	9	50	3	50	20	2
B 93	26	1	11	94	0.1	14	8	80	3	50	20	<2
B 94	43	1	11	88	0.1	14	14	54	6	50	18	2
B 95	28	1	24	62	0.1	10	8	34	3	50	28	8
B 96	18	1	14	92	0.1	18	11	72	7	50	26	<1
B 97	27	1	10	99	0.1	22	12	72	7	50	24	2
B 98	11	1	7	71	0.1	8	4	32	4	40	24	<1
B 100	22	1	16	86	0.1	21	13	64	6	50	24	<1
B 101	11	1	8	81	0.1	13	10	38	5	40	22	<1
B 102	10	1	9	76	0.1	11	10	34	4	40	21	<1
B 103	19	1	13	89	0.1	17	9	52	6	60	24	2
B 104	7	1	8	78	0.1	5	5	30	4	50	19	<1
B 106	6	1	4	34	0.1	8	5	40	3	40	12	<1
B 108	7	1	8	88	0.1	2	7	18	4	50	10	<1

Table 21 List of the Results of Geochemical Analysis (4)

Sample No.	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Cr ppm	As ppm	Hg ppb	Li ppm	Au ppb
B 109	9	1	8	32	0.1	8	6	40	3	50	15	<1
B 110	7	1	5	39	0.1	4	4	24	2	40	15	<1
B 111	10	1	9	42	0.1	9	4	44	4	40	14	<1
B 114	7	1	5	39	0.1	4	3	22	2	40	11	<1
B 115	9	1	6	67	0.1	3	5	18	9	40	12	2
B 116	15	1	10	72	0.1	12	5	48	4	30	17	<1
B 118	7	1	6	68	0.1	4	5	21	3	30	14	<1
B 119	12	1	8	114	0.1	6	17	28	2	30	11	<1
B 121	12	1	7	69	0.1	6	6	26	3	40	13	3
B 122	16	1	7	87	0.1	10	7	40	3	40	10	<1
B 123	7	1	6	49	0.1	4	6	28	2	20	12	<1
B 124	9	1	9	22	0.1	1	1	19	5	50	8	<1
B 127	9	1	9	71	0.1	4	10	18	3	30	12	<1
B 128	21	1	8	49	0.2	10	7	50	7	40	24	1
B 130	16	1	11	71	0.1	19	11	62	3	30	24	1
B 131	9	1	7	37	0.1	6	6	33	4	30	22	<1
B 133	10	1	5	54	0.1	8	8	36	3	20	17	<1
B 134	18	1	9	63	0.1	13	8	42	5	30	19	4
B 137	15	1	9	62	0.1	11	9	40	5	20	19	1
B 139	17	1	10	59	0.1	11	6	40	4	20	19	1
B 141	25	1	20	90	0.1	18	9	62	7	20	20	49
B 142	22	1	10	79	0.1	16	11	50	5	50	19	7
B 143	30	1	13	125	0.1	27	16	74	5	40	26	2
B 144	23	1	13	71	0.1	17	9	64	3	40	22	9
B 145	10	1	5	51	0.1	11	5	46	2	40	19	2
B 146	15	1	8	61	0.1	13	7	52	3	30	20	1
B 148	16	1	10	58	0.1	10	8	40	4	30	20	2
B 149	18	1	8	62	0.1	12	7	46	3	30	21	<1
B 151	15	1	6	51	0.1	13	6	50	3	30	18	1
B 152	25	1	11	78	0.1	18	9	64	3	40	18	2
B 153	22	1	12	106	0.1	23	6	80	5	30	25	<1
B 155	27	1	8	54	0.1	9	7	40	4	30	20	2
B 156	30	1	10	65	0.1	10	11	42	4	30	20	5
B 157	22	1	9	49	0.1	7	9	40	4	20	20	1
B 161	45	1	5	47	0.1	4	7	44	5	30	18	5
B 166	33	1	6	76	0.1	13	14	60	6	30	22	4
B 167	15	1	23	75	0.1	7	10	40	4	30	18	<1
B 170	12	1	8	45	0.1	7	8	34	4	40	17	<1
B 171	32	1	16	92	0.1	21	17	64	7	40	26	<1
B 172	38	1	11	74	0.1	11	7	60	6	30	22	90
B 173	27	1	9	59	0.1	11	7	48	5	40	22	1
B 174	35	1	24	80	0.1	13	10	48	7	30	22	3
B 175	23	1	11	69	0.1	9	11	32	11	40	26	1
B 176	37	1	10	54	0.1	10	10	46	10	40	22	6
B 177	36	1	14	66	0.1	11	8	40	9	50	24	5
B 178	23	1	16	81	0.1	12	9	48	6	40	25	5
B 179	22	1	18	83	0.1	14	10	72	7	40	26	2
B 180	31	1	21	85	0.1	15	10	48	6	40	19	16
B 181	31	1	10	94	0.1	20	12	82	6	50	30	3
B 182	30	1	9	99	0.1	22	10	74	7	50	28	41
B 184	29	1	9	97	0.1	21	8	82	3	50	30	13
B 185	19	1	11	100	0.1	18	9	70	6	40	22	<1
B 186	24	1	15	89	0.1	18	11	62	6	50	22	8
B 187	42	1	1	135	0.1	36	22	148	10	30	32	6
B 188	41	1	4	91	0.1	28	23	90	12	40	20	4
B 189	28	1	5	83	0.1	16	13	74	9	40	28	8
B 190	28	1	4	88	0.1	20	19	72	9	40	34	<1
B 193	22	1	7	90	0.1	18	13	74	7	30	30	4
B 194	31	1	18	95	0.1	19	11	88	9	40	17	4
B 195	16	1	10	66	0.1	15	8	58	5	40	19	6
B 197	26	1	16	94	0.1	19	11	64	6	50	26	4
B 198	20	1	12	65	0.1	17	11	58	7	40	20	7
B 199	13	1	10	59	0.1	15	7	40	5	30	16	15
B 200	9	1	11	42	0.1	11	6	42	3	30	13	357

Table 21 List of the Results of Geochemical Analysis (5)

Sample No.	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Cr ppm	As ppm	Hg ppb	Li ppm	Au ppb
B 201	24	1	10	109	0.1	20	12	76	6	30	28	7
B 202	10	1	4	38	0.1	9	5	46	3	30	14	1250
B 204	20	1	11	69	0.1	14	8	68	4	40	20	84
B 205	24	1	10	70	0.1	19	10	62	6	40	20	9
B 207	20	1	11	71	0.1	18	10	64	7	40	19	<1
B 208	22	1	10	64	0.1	19	7	70	7	40	14	5
B 209	16	1	5	56	0.1	13	10	42	5	30	17	<1
B 210	9	1	17	59	0.1	20	9	54	7	30	24	<1
B 212	11	1	16	75	0.1	29	12	70	7	30	28	<1
B 213	8	1	11	49	0.1	17	10	56	4	40	20	2
B 214	17	1	11	85	0.1	32	14	68	9	40	30	<1
B 215	10	1	10	56	0.1	22	9	68	6	30	24	<1
B 216	9	1	10	65	0.1	19	8	58	7	40	23	<1
B 217	9	1	9	53	0.1	18	7	54	3	30	22	<1
B 218	9	1	7	56	0.1	16	6	60	4	40	21	<1
B 219	11	1	12	70	0.1	14	8	42	4	50	20	<1
B 220	9	1	8	63	0.1	18	9	64	3	40	21	51
B 223	14	1	15	83	0.1	29	13	62	5	50	30	<1
B 224	13	1	15	67	0.1	26	11	68	6	40	28	<1
B 225	23	1	15	100	0.1	20	12	64	24	70	28	<1
B 229	11	1	12	47	0.1	15	8	54	6	50	21	<1
B 231	6	1	6	52	0.1	17	9	68	3	40	14	<1
B 232	11	1	8	62	0.1	18	8	58	4	40	20	<1
B 233	9	1	8	64	0.1	17	9	52	4	40	21	<1
B 235	11	1	7	72	0.1	16	10	54	3	60	20	<1
B 237	10	1	9	59	0.1	19	6	52	2	40	28	<1
B 238	19	1	15	78	0.1	28	10	76	11	50	30	<1
B 239	18	1	12	100	0.1	27	13	66	6	50	28	7
B 240	17	1	12	77	0.1	21	10	62	11	50	30	<1
B 241	13	1	11	96	0.1	25	10	66	4	40	23	<1
B 242	12	1	11	63	0.1	20	9	62	7	40	25	2
B 244	11	1	10	60	0.1	17	9	54	3	40	21	<1
B 245	12	1	12	66	0.1	24	9	60	4	40	23	3
B 247	5	1	7	55	0.1	6	5	38	1	40	16	<1
B 248	9	1	8	61	0.1	11	7	44	3	50	18	<1
B 250	17	1	13	69	0.1	27	8	70	10	40	26	2
B 251	14	1	12	56	0.1	13	5	52	7	40	22	<1
B 252	16	1	12	70	0.1	19	8	60	12	40	26	<1
B 253	8	1	14	68	0.1	23	13	64	7	40	27	<1
B 254	3	1	15	69	0.1	26	10	72	5	30	27	<1
B 255	5	1	10	69	0.1	23	11	58	5	50	30	<1
B 256	7	1	12	69	0.1	5	6	20	14	50	32	<1
B 257	12	22	16	82	0.1	8	7	32	105	50	92	<1
B 260	14	1	20	107	0.1	13	10	88	11	40	60	<1
B 261	9	1	18	58	0.1	4	7	20	7	40	48	<1
B 262	10	1	9	91	0.1	23	9	50	11	40	44	<1
B 263	13	1	11	48	0.1	15	8	54	4	60	23	<1
B 265	7	1	11	52	0.1	14	4	52	4	50	22	<1
B 266	8	1	12	39	0.1	10	15	42	5	70	18	<1
B 267	6	1	15	48	0.1	6	7	25	5	40	20	<1
B 270	5	1	12	52	0.1	15	6	42	2	30	24	<1
B 273	5	1	10	44	0.1	9	5	42	6	40	30	<1
B 274	16	1	13	81	0.1	19	9	50	12	70	26	<1
B 275	8	1	13	63	0.1	15	9	42	5	40	28	<1
B 277	15	1	15	100	0.1	12	8	58	10	40	54	<1
B 278	15	1	16	81	0.1	14	8	60	7	50	50	<1
B 279	11	1	13	77	0.1	14	8	44	5	30	38	<1
B 280	19	1	19	81	0.1	35	10	80	7	40	36	<1
B 281	19	1	17	110	0.1	36	13	74	9	40	34	<1
B 282	14	1	15	81	0.1	33	13	72	7	50	33	13
B 283	14	1	14	74	0.1	22	10	68	11	50	30	<1
B 284	12	1	10	66	0.1	25	10	62	6	40	28	<1
B 286	9	1	11	53	0.1	14	6	44	9	50	28	<1
B 287	9	1	10	57	0.1	16	4	50	3	30	30	3

Table 21 List of the Results of Geochemical Analysis (6)

Sample No.	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Cr ppm	As ppm	Hg ppb	Li ppm	Au ppb
B 288	33	1	2	52	0.1	40	20	184	3	40	18	<1
B 289	15	1	9	85	0.1	25	15	104	4	50	26	<1
B 293	56	1	6	89	0.1	17	16	92	3	50	15	8
B 295	67	1	5	90	0.1	11	17	44	4	60	25	13
B 296	28	1	11	113	0.2	16	16	80	6	240	18	97
B 297	60	1	4	90	0.1	24	21	124	3	60	25	<2
B 298	20	1	13	176	1.1	14	15	90	6	170	16	151
B 299	14	1	11	107	0.1	10	8	76	3	80	19	55
B 302	38	1	10	81	0.1	42	19	230	5	60	18	<1
B 303	16	1	13	87	0.3	8	11	52	6	220	19	141
B 304	9	1	6	102	0.1	9	22	46	3	50	15	<1
B 305	42	1	10	72	0.1	9	11	50	3	40	18	9
B 306	25	1	12	76	0.1	22	14	86	4	40	24	<1
B 307	9	1	11	39	0.1	6	7	28	3	40	44	<1
B 308	16	1	13	97	1.0	12	13	94	4	180	17	97
B 309	13	1	7	82	1.7	8	8	70	5	200	19	129
B 310	21	1	3	78	0.1	52	23	230	3	80	14	2
B 311	69	1	7	104	0.1	27	21	68	5	80	28	<1
B 312	38	1	13	101	0.1	5	17	38	3	50	17	<1
B 313	42	1	7	75	0.1	6	14	30	3	40	14	<1
B 314	48	1	10	93	0.1	9	15	54	3	40	13	<1
B 315	20	1	8	67	0.1	4	6	24	4	50	11	<1
B 316	8	1	14	69	0.1	5	6	26	4	50	20	<1
B 317	5	1	9	64	0.1	4	5	24	3	50	19	<1
B 318	20	1	9	114	0.2	12	16	70	4	70	13	4
B 319	16	1	10	86	0.8	8	10	52	7	180	18	178
B 320	17	1	23	206	1.8	12	21	118	5	160	12	116
B 321	21	1	6	59	0.1	52	23	220	2	50	10	<1
B 322	15	1	6	63	0.1	28	14	90	3	50	23	<1
B 323	6	1	14	51	0.1	7	6	32	13	60	48	<1
B 324	5	1	14	54	0.1	13	7	44	6	70	32	<1
B 325	17	1	11	61	0.1	16	8	54	4	50	30	<1
B 326	10	1	7	46	0.1	11	5	44	6	60	16	<1
B 327	33	1	6	75	0.1	74	27	270	3	60	12	<1
B 328	29	1	5	63	0.1	46	23	128	3	50	16	<1
B 329	4	1	4	14	0.1	3	2	28	3	40	10	<1
B 330	17	1	10	72	0.1	22	14	68	2	90	19	16
B 331	12	1	11	57	0.1	6	5	36	5	50	38	<1
B 332	14	1	11	61	0.1	19	13	64	6	120	26	<1
B 333	5	1	13	48	0.1	14	6	52	3	50	24	2
B 334	4	1	9	22	0.1	3	3	44	3	50	19	136
B 335	21	1	12	164	1.0	35	21	180	5	50	12	36
B 336	15	1	10	77	0.4	16	11	88	5	200	19	55
B 337	15	1	10	69	0.4	7	6	30	9	260	18	80
B 338	16	1	10	75	0.3	12	9	68	6	280	17	52
B 339	28	1	4	111	0.1	43	24	150	2	80	12	37
B 342	19	1	9	199	0.1	16	21	130	2	50	12	<1
B 343	9	1	8	99	0.1	7	11	46	2	40	10	<1
B 344	12	1	25	775	0.1	5	12	56	3	30	8	11
B 345	21	1	7	146	0.1	20	20	120	4	40	13	200
B 346	19	1	6	78	0.1	40	18	210	2	30	10	<1
B 347	9	1	5	89	0.1	15	10	84	3	30	9	<1
B 348	20	1	12	202	0.1	15	22	104	3	30	13	<1
B 350	11	1	10	108	0.1	6	14	32	2	30	16	<1
B 351	12	1	12	99	0.1	11	13	54	2	50	14	<1
B 352	15	1	17	145	0.1	7	17	58	3	40	10	<2
B 353	13	1	8	105	0.1	9	14	38	2	40	12	<1
B 354	14	1	4	101	0.1	14	17	70	3	50	12	<1
B 355	20	1	9	112	0.1	13	16	74	4	50	14	<1
B 357	14	1	11	97	0.2	10	12	56	4	150	18	76
B 358	13	1	9	71	1.9	7	9	40	3	160	19	38
B 359	16	1	5	60	0.1	12	12	80	1	50	10	<1
B 360	15	1	5	86	0.1	10	12	56	5	100	16	49
B 361	16	1	12	70	0.1	9	12	48	5	120	18	38

Table 21 List of the Results of Geochemical Analysis (7)

Sample No.	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Cr ppm	As ppm	Hg ppb	Li ppm	Au ppb
B 362	15	1	8	80	0.1	8	11	46	4	100	18	38
B 363	15	1	9	70	0.1	10	13	48	5	80	17	32
B 364	18	1	9	69	0.1	9	9	42	6	90	18	12
B 365	16	1	8	72	0.3	9	9	42	5	100	17	47
B 366	9	1	9	36	0.1	3	5	34	5	50	16	<1
B 367	15	1	3	46	0.1	36	12	102	2	50	10	<1
B 369	15	1	2	41	0.1	27	12	104	2	50	12	<1
B 370	14	1	5	55	0.1	13	12	50	3	50	12	1
B 371	16	1	1	38	0.1	6	12	48	3	50	9	6
B 372	19	1	3	46	0.1	38	17	188	1	60	10	<1
B 374	16	1	2	33	0.1	7	7	40	4	50	9	<1
B 376	12	1	2	35	0.1	8	5	44	3	60	10	<1
B 377	15	1	1	36	0.1	6	6	38	3	60	9	<1
B 379	25	1	1	80	0.1	9	16	34	9	60	20	2
B 380	23	1	1	54	0.1	9	14	42	6	70	14	<1
B 381	43	1	1	68	0.1	9	20	42	5	70	12	<1
B 383	20	1	2	52	0.1	10	12	52	4	40	14	<1
B 384	14	1	14	71	0.1	4	6	30	3	80	26	<1
B 385	12	1	13	62	0.1	4	7	38	3	70	12	<1
B 386	37	1	7	94	0.1	13	21	74	5	80	24	<2
B 387	21	1	3	89	0.1	15	17	64	4	50	20	<1
B 388	46	1	2	90	0.1	14	22	52	5	40	14	1
B 389	22	1	2	71	0.1	4	16	26	4	40	9	2
B 390	65	1	5	93	0.1	30	27	128	9	40	17	3
B 391	35	1	1	95	0.1	9	20	46	5	40	14	2
B 392	49	2	5	121	0.1	17	23	86	11	40	17	4
B 393	40	1	4	99	0.1	12	26	54	3	30	8	<1
B 394	65	1	1	91	0.1	22	25	68	14	30	14	4
B 396	36	1	2	73	0.1	11	17	52	6	30	19	<2
B 397	47	1	3	86	0.1	11	16	42	9	20	22	3
B 399	34	1	4	86	0.1	12	15	50	4	30	20	<1
B 401	53	1	1	71	0.1	11	23	48	5	30	14	11
B 403	41	1	1	70	0.1	10	16	48	4	20	18	4
B 404	40	1	2	87	0.1	12	17	46	2	30	18	7
B 405	26	1	3	67	0.1	12	16	54	5	20	14	2
B 406	37	1	1	73	0.1	18	18	56	4	30	15	<1
B 407	14	1	1	25	0.1	15	8	140	2	20	7	<1
B 408	19	1	2	45	0.1	13	10	72	3	40	10	<1
B 409	15	1	1	27	0.1	17	9	96	2	30	6	<1
B 410	14	1	2	31	0.1	21	10	110	2	30	8	1
B 411	10	1	2	20	0.1	12	5	156	2	20	6	<1
B 415	20	1	1	33	0.1	18	11	112	3	20	8	1
B 416	12	1	1	23	0.1	17	9	200	2	20	5	<1
B 418	9	1	2	12	0.1	14	6	260	2	20	4	<1
B 419	14	1	1	26	0.1	19	6	114	2	20	9	<1
B 420	13	1	1	28	0.1	20	5	118	1	20	8	<1
B 421	12	1	2	31	0.1	18	6	86	2	20	8	2
B 426	7	1	5	15	0.1	1	1	112	2	20	14	<1
B 427	3	1	4	12	0.1	1	1	110	2	20	16	<1
B 428	3	1	2	11	0.1	2	1	16	1	30	13	299
B 429	3	1	2	8	0.1	1	1	10	1	30	14	122
B 430	13	1	6	28	0.1	9	3	42	5	30	19	<1
B 431	13	1	7	23	0.2	1	1	13	1	20	20	4
B 432	9	1	4	15	0.1	1	1	8	1	30	20	1
B 433	13	1	9	17	0.1	1	1	10	2	30	14	<1
B 434	12	1	9	25	0.3	1	1	11	3	20	19	<1
B 435	12	1	7	21	0.1	1	1	10	2	30	22	<1
B 436	7	1	3	15	0.1	1	2	10	2	20	30	<1
B 437	5	1	3	8	0.1	1	1	8	1	20	15	<1
B 439	17	1	9	28	0.1	1	1	12	2	20	21	<1
B 440	3	1	2	7	0.1	1	1	6	2	20	20	<1
B 441	8	1	6	15	0.1	1	1	10	2	10	20	<1
B 442	9	1	5	31	0.1	6	2	38	4	10	24	<1
B 443	10	1	4	31	0.1	14	3	28	3	40	25	2

Table 21 List of the Results of Geochemical Analysis (8)

Sample No.	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Cr ppm	As ppm	Hg ppb	Li ppm	Au ppb
B 444	5	1	2	15	0.1	3	1	22	2	30	18	<1
B 445	4	1	1	11	0.1	1	1	9	2	30	17	<1
B 446	2	1	2	6	0.1	1	1	6	2	20	20	<1
B 447	17	1	6	18	0.1	1	1	8	2	20	16	2
B 448	9	1	3	13	0.1	1	1	11	3	20	12	<1
B 449	5	1	4	15	0.1	1	1	14	2	20	19	1
B 450	11	1	8	14	0.1	1	1	10	3	20	18	<1
B 451	8	1	5	17	0.1	1	1	11	3	20	19	<1
B 452	8	1	4	23	0.1	8	4	42	6	20	20	64
B 453	5	1	3	16	0.1	4	3	34	5	20	15	<1
B 454	9	1	4	27	0.1	8	6	46	6	10	16	<1
B 455	4	1	2	17	0.1	4	1	30	4	10	15	<1
B 456	7	1	7	41	0.1	12	5	48	4	10	18	<1
B 457	8	1	6	35	0.1	9	2	42	3	20	17	241
B 458	12	1	10	60	0.1	16	6	58	5	30	21	16
B 459	11	1	8	35	0.1	12	4	49	5	40	16	167
B 460	12	1	10	46	0.1	14	5	74	4	30	28	3
B 461	19	1	4	54	0.1	19	7	74	12	30	42	21
B 462	9	1	9	41	0.1	13	3	52	11	30	26	7
B 464	19	1	5	50	0.1	2	1	18	3	30	16	165
B 465	3	1	8	14	0.1	1	1	14	1	30	19	2
B 466	7	1	5	40	0.1	12	3	58	4	20	24	9
B 467	15	1	12	62	0.1	24	6	82	7	20	26	2080
B 468	11	1	9	32	0.1	6	2	54	7	30	26	102
B 487	11	1	12	39	0.1	1	4	16	6	50	13	5
B 488	8	1	17	58	0.1	3	2	17	3	20	12	<1
B 489	12	1	17	270	0.1	1	23	20	3	30	10	<1
B 490	24	1	26	80	0.1	1	3	20	7	20	14	<1
B 491	11	1	22	216	0.1	1	17	22	3	30	12	<1
B 492	14	1	12	87	0.1	1	3	15	4	30	14	1
B 493	8	1	12	40	0.1	1	2	17	7	30	14	<1
B 494	8	1	20	90	0.1	1	9	18	3	30	11	5
B 496	10	1	10	38	0.1	2	2	20	5	30	28	<1
B 497	9	1	10	30	0.1	1	1	16	5	30	13	<1
B 498	5	2	13	42	0.1	2	3	24	3	40	10	<2
B 500	11	1	9	59	0.1	2	4	20	4	30	14	<1
B 501	9	1	8	53	0.1	2	5	20	2	30	13	<1
B 502	10	1	9	43	0.1	1	1	20	5	40	13	<1
B 503	6	1	9	44	0.1	1	1	28	3	40	14	<1
B 504	4	1	8	36	0.1	1	1	12	6	50	16	<1
B 505	5	1	11	68	0.1	1	1	19	2	110	16	<1
B 506	5	1	8	101	0.1	1	2	15	10	70	16	<7
B 507	5	1	10	51	0.1	1	1	17	2	50	14	<2
B 508	14	1	10	65	0.1	1	1	20	3	50	10	8
B 509	4	1	9	38	0.1	1	3	17	2	50	13	<1
B 510	3	1	4	29	0.1	1	1	12	4	60	14	<10
B 511	4	1	6	36	0.1	1	2	12	2	40	18	<5
B 512	9	1	10	88	0.1	1	5	16	11	50	12	<1
B 515	12	1	10	37	0.1	1	1	20	10	80	11	0
B 516	16	1	38	135	0.1	2	7	18	7	40	13	<2
B 519	8	1	18	43	0.1	1	4	17	3	40	14	<1
B 520	9	1	7	42	0.1	1	3	18	5	40	14	<1
B 521	9	1	7	59	0.1	1	6	18	5	40	15	<4
B 522	8	1	8	59	0.1	1	2	18	5	30	11	<1
B 523	15	1	7	76	0.1	1	4	20	5	30	15	<1
B 524	11	1	9	67	0.1	2	3	30	6	30	16	<1
B 525	10	1	6	46	0.1	2	2	17	5	40	14	<1
B 526	3	1	4	30	0.1	1	1	14	4	40	19	<1
B 527	5	1	4	26	0.1	1	1	18	3	40	14	<1
B 528	15	1	11	71	0.1	3	2	30	5	40	16	<2
B 530	13	1	5	79	0.1	1	2	19	5	50	13	<1
B 531	8	1	5	58	0.1	1	2	24	9	30	13	<1
B 532	6	1	10	39	0.1	1	1	19	11	40	13	<1
B 533	5	1	7	26	0.1	1	1	17	5	40	9	<1

Table 21 List of the Results of Geochemical Analysis (9)

Sample No.	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Cr ppm	As ppm	Hg ppb	Li ppm	Au ppb
B 534	6	1	8	53	0.1	2	1	26	6	40	12	<1
B 535	6	1	6	66	0.1	2	1	22	4	30	14	<1
B 536	11	1	9	65	0.1	3	2	26	11	40	14	<1
B 537	4	1	4	20	0.1	1	1	18	9	40	13	<1
B 538	7	1	38	52	0.1	2	1	20	5	40	15	5
B 539	7	1	11	41	0.1	1	1	22	4	50	14	30
B 540	6	1	9	36	0.1	1	2	22	2	40	15	1
B 541	5	1	10	34	0.1	2	2	26	2	50	12	<1
B 542	12	1	12	43	0.1	2	3	16	5	60	12	1
B 544	4	1	6	42	0.1	1	1	28	2	60	14	<1
B 545	6	1	7	69	0.1	3	2	18	3	30	11	<1
B 546	5	1	8	42	0.1	2	1	20	2	40	10	1
B 547	5	1	9	46	0.1	2	1	18	2	50	13	<1
B 548	6	1	13	40	0.1	1	1	18	1	40	12	20
B 549	4	1	6	49	0.1	2	1	22	2	40	12	6
B 550	8	1	20	45	0.1	2	1	20	1	40	12	<1
B 551	6	1	5	30	0.1	2	1	25	2	40	12	<2
B 552	12	1	25	48	0.1	1	1	16	5	50	12	2
B 553	7	1	12	38	0.1	2	1	17	3	40	12	2
B 554	7	1	7	39	0.1	1	1	18	3	30	14	<1
B 555	6	1	10	32	0.1	1	1	17	3	40	12	<2
B 556	8	1	13	48	0.1	1	2	16	4	40	12	<1
B 557	9	1	9	41	0.1	1	1	17	3	50	12	<1
B 558	11	1	22	47	0.1	1	1	16	4	50	13	<2
B 559	10	1	14	45	0.1	2	1	18	5	60	12	<10
B 563	7	1	8	41	0.1	2	1	18	2	50	14	<1
B 564	7	1	7	44	22.0	3	2	19	3	50	15	<1
B 565	9	1	13	45	0.1	3	2	17	4	50	14	<1
B 566	5	1	11	47	0.1	1	1	19	3	40	10	<2
B 567	3	1	7	16	0.1	1	1	19	2	40	9	<2
B 569	3	1	13	39	0.1	1	1	26	1	30	7	<1
B 570	2	1	10	42	0.1	2	1	18	2	40	10	<1
B 571	2	1	9	23	0.1	1	3	19	1	40	9	<1
B 572	3	1	13	37	0.1	1	1	21	1	30	10	<1
B 574	2	1	17	23	0.1	1	1	22	2	30	10	<1
B 575	6	1	19	23	0.1	1	1	12	2	30	11	<1
B 576	3	1	7	17	0.1	1	1	13	2	50	9	<1
B 577	8	1	21	41	0.1	1	2	11	1	70	14	<1
B 578	3	1	9	17	0.1	1	1	13	2	50	11	<1
B 579	3	1	8	23	0.1	2	2	14	2	30	12	<1
B 580	3	1	4	19	0.1	1	1	15	2	30	13	<1
B 581	2	1	5	18	0.1	1	1	13	2	40	10	<1
B 582	4	1	11	25	0.1	2	1	14	2	40	12	<1
B 583	3	1	4	19	0.1	1	1	16	2	40	12	<1
B 585	7	1	8	44	0.1	2	2	18	3	40	16	<1
B 586	8	1	8	40	0.1	2	3	22	2	40	11	<2
B 587	5	1	17	30	0.1	2	4	20	2	30	12	200
B 588	4	1	10	25	0.1	1	2	22	2	50	10	<1
B 590	6	1	12	63	0.1	4	4	17	2	50	12	4
B 591	8	1	10	43	0.1	3	4	18	2	50	10	<2
B 592	7	1	340	56	0.1	2	1	16	2	40	13	<10
B 593	4	1	6	59	0.1	1	1	18	3	40	14	<2
B 594	4	1	6	60	0.1	2	3	20	3	40	12	<1
B 595	5	1	9	53	0.1	1	1	20	2	40	12	<2
B 596	3	1	11	22	0.1	2	1	24	1	50	11	<2
B 597	6	1	8	39	0.1	1	3	20	4	40	13	<1
C 1	19	1	1	112	0.1	9	18	62	3	30	8	<1
C 2	45	1	6	95	0.1	3	20	46	19	40	15	2340
C 3	31	1	13	108	0.1	8	15	46	15	40	22	4
C 4	29	1	14	127	0.1	9	15	72	10	40	25	7
C 5	40	1	16	139	0.1	10	19	80	5	50	15	4
C 6	35	1	13	158	0.1	14	23	106	4	30	14	5
C 7	21	1	7	160	0.1	8	13	74	2	30	15	<2
C 8	11	1	6	94	0.1	3	6	34	3	40	22	<2

Table 21 List of the Results of Geochemical Analysis (10)

Sample No.	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Cr ppm	As ppm	Hg ppb	Li ppm	Au ppb
C 9	9	1	9	123	0.1	2	8	38	2	30	24	<5
C 10	10	1	5	103	0.1	3	5	32	3	30	14	1
C 11	10	1	8	145	0.1	3	6	58	4	40	19	<1
C 12	11	1	8	131	0.1	4	10	38	3	40	19	<1
C 13	8	1	5	78	0.1	3	7	20	2	60	20	<1
C 14	7	1	10	95	0.1	5	14	46	2	50	17	<1
C 15	9	1	16	214	0.1	9	18	62	2	40	11	<5
C 16	8	1	10	177	0.1	5	11	40	3	40	14	<5
C 17	24	1	8	211	0.1	7	13	52	3	50	14	2
C 18	21	1	12	114	0.1	5	13	34	9	40	38	<2
C 19	21	1	25	200	0.1	4	14	46	3	30	21	<1
C 20	17	1	25	154	0.2	8	11	44	20	50	16	5
C 21	14	1	15	147	0.1	5	10	40	6	30	16	<1
C 22	8	1	7	98	0.1	3	7	24	2	40	15	<1
C 23	9	1	7	117	0.1	2	6	28	1	30	14	<1
C 24	8	1	6	191	0.1	2	6	34	2	40	14	<1
C 25	7	1	7	117	0.1	3	5	32	4	40	15	<1
C 26	9	1	11	102	0.1	5	9	44	1	50	13	<5
C 27	9	1	6	271	0.1	3	5	32	3	50	17	<1
C 28	8	1	6	116	0.1	3	4	29	2	60	20	2
C 29	12	1	8	185	0.1	3	8	62	6	40	16	<5
C 30	18	1	8	156	0.1	4	10	40	2	40	16	<1
C 31	15	1	8	145	0.1	2	11	24	2	20	12	<1
C 32	10	1	15	117	0.1	6	12	60	1	40	11	<1
C 33	19	1	12	210	0.1	6	12	40	3	50	14	<5
C 34	14	1	16	345	0.1	3	10	28	4	40	13	<1
C 35	17	1	12	91	0.1	7	9	28	10	40	20	<1
C 36	27	1	34	123	0.1	13	11	60	6	40	17	<1
C 37	21	1	17	137	0.1	8	11	38	7	50	17	2
C 38	82	5	4	117	0.2	44	32	196	36	30	22	8
C 39	23	1	6	126	0.1	8	19	54	4	40	28	<1
C 40	22	1	16	150	0.1	8	13	52	15	30	24	101
C 41	19	1	15	72	0.1	5	9	26	15	50	16	<5
C 42	32	1	11	117	0.1	14	14	64	9	40	21	187
C 43	50	1	7	89	0.1	12	17	72	11	40	15	32
C 44	21	1	13	61	0.1	11	7	92	5	30	19	<1
C 45	51	1	11	107	0.1	7	14	34	3	30	12	<1
C 46	9	1	21	37	0.1	2	6	23	3	40	11	<1
C 47	50	1	2	58	0.1	4	24	32	3	40	10	2
C 48	34	1	19	102	0.1	13	22	140	4	40	13	<1
C 49	49	1	4	84	0.1	18	22	74	3	30	12	1
C 50	51	1	8	78	0.1	6	15	42	2	30	10	2
C 51	54	1	6	76	0.1	11	15	92	4	30	12	3
C 52	32	1	4	71	0.1	11	13	40	3	30	10	1
C 53	33	1	9	83	0.1	10	17	82	4	30	11	86
C 54	36	1	6	75	0.1	7	12	34	3	20	11	1
C 55	22	1	2	46	0.1	8	12	42	3	30	9	11
C 57	33	1	5	79	0.1	32	22	162	10	40	14	<1
C 58	25	1	4	70	0.1	13	18	58	11	40	14	<1
C 59	18	1	20	164	0.1	15	15	104	3	30	13	336
C 60	29	1	4	69	0.1	44	21	210	5	30	12	5
C 61	35	1	4	94	0.1	12	17	38	10	30	17	<1
C 62	24	1	3	65	0.1	27	10	110	4	20	12	2
C 63	26	1	3	87	0.1	24	10	80	4	30	15	9
C 65	54	1	2	73	0.3	84	41	370	3	10	16	10
C 66	30	1	8	94	0.2	20	21	74	4	30	17	2300
C 67	28	1	8	95	0.2	16	19	92	4	20	15	<1
C 71	16	1	3	81	0.3	9	21	48	2	30	12	1
C 72	55	1	4	81	0.2	9	17	34	2	30	9	1
C 73	48	1	3	98	0.3	8	14	34	2	30	11	260
C 74	91	1	3	93	0.2	8	18	30	4	30	14	<1
C 75	74	1	2	134	0.3	11	19	56	4	30	15	3
C 76	24	1	14	116	0.2	10	13	142	3	10	12	<1
C 77	42	1	1	80	0.2	14	16	52	4	30	18	<1

Table 21 List of the Results of Geochemical Analysis (11)

Sample No.	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Cr ppm	As ppm	Hg ppb	Li ppm	Au ppb
C 78	37	1	2	76	0.1	13	17	44	6	50	17	<2
C 79	19	1	2	48	0.1	7	5	32	2	40	15	2
C 80	25	1	6	88	0.2	8	11	38	3	40	19	16
C 81	34	1	9	95	0.2	10	17	46	3	40	16	1
C 82	42	1	3	78	0.2	10	17	38	3	30	16	43
C 83	21	1	6	88	0.1	6	11	42	3	30	14	<2
C 84	22	1	17	113	0.2	8	12	42	4	40	19	<1
C 85	23	1	2	43	0.1	15	10	102	2	30	12	1120
C 86	27	1	7	81	0.1	8	13	44	3	40	15	<1
C 87	42	1	11	103	0.2	20	12	122	5	30	16	<1
C 88	36	1	6	69	0.1	20	13	62	4	40	12	18
C 89	26	1	10	84	0.1	12	12	46	5	50	15	1
C 90	5	1	10	41	0.1	2	2	23	3	50	14	<1
C 91	4	1	8	37	0.1	1	2	17	3	30	19	<1
C 92	3	1	5	40	0.1	1	1	18	2	40	21	<1
C 93	4	1	7	49	0.1	1	1	14	4	40	27	111
C 94	3	1	7	57	0.1	2	1	17	5	40	26	<1
C 95	3	1	8	58	0.1	2	1	14	3	40	48	<5
C 96	3	1	4	48	0.1	2	1	18	1	50	21	<2
C 97	4	1	9	58	0.1	2	1	19	1	50	25	<1
C 98	5	1	12	56	0.1	1	1	18	1	50	25	<1
C 99	4	1	9	116	0.1	1	2	20	1	50	26	<2
C 100	4	1	6	71	0.1	1	3	22	1	40	50	<1
C 101	3	1	7	38	0.5	2	3	16	2	40	24	9550
C 102	3	1	7	58	0.1	1	1	18	1	40	48	<1
C 103	2	1	9	54	0.1	2	1	13	3	50	31	<1
C 104	2	1	11	36	0.1	1	1	10	22	50	23	149
C 105	3	1	5	32	0.1	1	2	15	11	50	20	1800
C 106	3	1	13	39	2.6	2	3	22	10	40	14	9350
C 107	2	1	7	60	0.1	1	1	16	2	50	28	<1
C 109	3	1	5	43	0.1	2	1	14	2	50	17	<1
C 110	8	1	13	98	0.2	5	7	38	3	40	16	<1
C 111	2	1	6	49	0.1	2	1	18	2	50	20	<5
C 112	3	1	8	39	0.1	2	1	28	2	40	15	<1
C 113	4	1	10	38	0.1	3	2	22	2	60	15	2
C 114	3	1	5	62	0.1	2	2	20	3	50	15	<1
C 116	2	1	4	38	0.1	1	1	18	1	30	16	<1
C 117	30	1	5	101	0.2	12	10	70	5	30	14	<1
C 118	12	1	3	68	0.1	7	6	32	6	40	16	<1
C 119	22	2	9	95	0.1	11	10	36	9	30	17	<1
C 120	12	1	4	68	0.1	11	4	46	5	50	18	2030
C 121	17	1	7	71	0.1	19	6	58	6	40	23	<1
C 122	23	1	5	80	0.1	17	9	56	15	40	18	<1
C 123	15	1	4	52	0.1	5	3	30	11	40	16	<1
C 124	16	1	3	97	0.2	10	7	44	11	30	16	<1
C 125	5	1	6	58	0.1	12	6	50	2	30	21	850
C 126	5	1	6	38	0.1	8	4	34	1	30	15	5
C 127	21	1	4	88	0.1	20	17	72	5	40	28	96
C 128	14	1	9	116	0.2	11	15	52	4	50	19	71
C 129	17	1	13	92	0.2	23	11	76	4	40	28	<1
C 130	10	1	9	63	0.1	18	1	56	1	30	24	568
C 131	10	1	5	55	0.1	14	6	56	3	40	18	8
C 132	18	1	12	93	0.1	29	9	76	4	30	32	4130
C 133	13	1	6	55	0.1	14	1	52	3	20	18	3810
C 134	19	1	12	89	0.1	23	9	74	3	30	20	<1
C 136	12	1	8	47	0.1	16	11	52	3	30	17	<1
C 137	28	1	12	110	0.1	25	18	56	6	40	24	<1
C 138	18	1	14	104	0.1	28	10	62	6	40	29	<1
C 139	21	1	15	113	0.1	37	13	62	9	50	32	<1
C 140	17	1	14	38	0.1	12	8	70	2	30	34	<1
C 141	51	1	8	95	0.2	22	12	60	10	40	29	6
C 142	20	1	18	71	0.1	23	11	78	2	40	31	<1
C 143	15	1	8	81	0.1	23	7	64	2	40	31	1
C 144	24	1	10	75	0.2	16	13	54	6	40	22	1

Table 21 List of the Results of Geochemical Analysis (12)

Sample No.	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Cr ppm	As ppm	Hg ppb	Li ppm	Au ppb
C 145	16	1	15	66	0.1	21	12	52	10	40	27	<1
C 146	19	1	16	85	0.1	24	11	62	5	30	30	<1
C 147	31	1	7	70	0.1	23	10	52	9	40	21	45
C 148	25	1	15	110	0.2	32	11	76	9	40	32	<1
C 149	26	1	6	54	0.1	21	5	38	7	40	19	2
C 150	22	1	6	46	0.1	14	5	44	12	50	23	4
C 151	10	1	12	48	0.1	15	5	46	7	30	24	<1
C 152	10	1	10	54	0.1	23	6	64	7	40	29	<1
C 153	11	1	14	63	0.1	25	6	60	6	40	24	<1
C 154	26	1	25	122	0.1	35	19	72	7	40	32	<1
C 155	4	1	9	39	0.1	3	5	24	5	40	30	<1
C 157	3	1	10	31	0.1	5	5	22	3	30	36	<1
C 159	7	1	14	58	0.1	21	5	50	5	40	30	<1
C 160	4	1	8	37	0.1	12	3	36	2	30	23	<1
C 161	3	1	12	30	0.1	4	3	21	4	30	30	<1
C 162	11	1	14	59	0.1	17	8	54	7	50	36	<1
C 163	11	1	15	59	0.1	24	10	66	5	50	29	<1
C 165	22	1	16	78	0.1	24	16	78	6	40	34	6
C 166	21	1	9	79	0.1	26	10	66	5	40	30	<1
C 167	15	1	9	71	0.1	22	11	72	5	50	31	<1
C 168	20	1	12	71	0.1	27	13	74	4	40	36	<1
C 172	12	1	7	72	0.1	29	10	82	4	40	25	<1
C 173	16	1	13	70	0.1	21	13	72	3	40	25	<1
C 174	20	1	16	78	0.1	24	13	76	4	40	36	<1
C 176	21	1	20	105	0.1	31	12	82	5	50	42	2330
C 177	15	1	15	59	0.1	15	7	52	5	40	34	2
C 178	10	1	18	54	0.1	16	10	48	6	30	28	<1
C 179	5	1	8	27	0.1	3	5	20	6	30	40	2
C 180	6	1	7	39	0.1	2	4	20	9	40	40	3
C 181	5	1	16	44	0.1	1	5	20	9	50	32	<2
C 182	6	1	9	34	0.1	3	4	21	7	40	40	<1
C 183	6	1	12	42	0.1	3	4	21	5	40	32	<1
C 184	8	1	16	69	0.1	3	4	21	10	30	32	<1
C 185	18	1	15	75	0.1	25	10	72	4	30	29	312
C 186	18	1	17	51	0.1	15	12	66	7	30	22	<1
C 187	35	1	20	57	0.1	44	24	108	10	30	25	6
C 188	21	1	11	69	0.1	22	16	52	7	50	26	<1
C 189	24	1	3	43	0.1	17	22	92	9	40	21	1230
C 190	15	1	5	40	0.1	14	8	56	8	30	18	<1
C 191	35	1	8	54	0.1	12	21	116	10	40	20	6
C 192	11	1	4	59	0.1	9	10	60	5	30	10	<1
C 193	9	1	4	52	0.1	5	9	50	3	30	7	<1
C 194	7	1	9	44	0.1	6	8	50	4	30	8	<1
C 195	9	1	8	35	0.1	9	6	44	3	30	15	12
C 196	19	1	16	94	0.1	23	13	84	4	30	23	<1
C 197	14	1	10	58	0.1	16	10	58	2	40	14	1170
C 199	10	1	9	57	0.1	16	4	44	3	40	24	3
C 200	11	1	9	50	0.1	15	7	40	4	30	23	144
C 201	13	1	15	77	0.1	20	12	72	3	30	20	<1
C 202	6	1	11	34	0.1	4	3	28	1	30	16	76
C 203	12	1	7	60	0.1	14	7	54	1	30	16	<1
C 204	9	1	10	37	0.1	9	4	40	3	30	18	1200
C 205	10	1	200	57	0.1	13	6	50	2	30	15	<1
C 206	6	1	3	28	0.1	7	1	38	1	20	9	<1
C 207	10	1	7	61	0.1	14	7	58	2	30	18	<1
C 209	12	1	6	66	0.1	20	12	64	4	30	20	<1
C 210	14	1	11	85	0.1	20	10	68	3	50	19	<1
C 211	11	1	7	52	0.1	14	9	54	4	40	14	<1
C 212	5	1	4	27	0.1	8	4	40	2	30	12	<1
C 213	9	1	5	49	0.1	12	5	52	4	30	14	3
C 214	9	1	7	41	0.1	12	4	36	2	30	14	<1
C 215	14	1	3	52	0.1	84	10	172	3	30	15	3
C 216	17	1	5	59	0.1	280	21	720	3	30	13	<1
C 217	10	1	10	49	0.1	14	7	48	3	30	13	<1

Table 21 List of the Results of Geochemical Analysis (13)

Sample No.	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Cr ppm	As ppm	Hg ppb	Li ppm	Au ppb
C 220	5	1	2	30	0.1	9	1	34	2	20	9	3
C 221	8	1	3	34	0.1	50	4	128	2	30	11	1
C 222	6	1	4	32	0.1	30	4	88	2	30	11	5
C 223	9	1	6	40	0.1	12	3	52	3	30	14	<1
C 225	13	1	12	76	0.1	21	14	70	4	30	22	1
C 226	14	1	10	67	0.1	18	11	64	5	30	19	<1
C 227	18	1	12	65	0.1	19	13	78	3	30	15	<1
C 228	12	1	10	62	0.1	16	13	66	4	30	16	<1
C 229	5	1	3	18	0.1	4	3	34	1	30	7	<1
C 230	6	1	7	31	0.1	8	5	36	3	30	9	<1
C 231	3	1	2	17	0.1	4	2	24	1	30	5	<1
C 232	8	1	8	36	0.1	11	6	32	4	30	10	<1
C 233	9	1	9	57	0.1	12	5	44	4	30	10	<1
C 234	7	1	6	34	0.1	8	4	32	3	30	8	<1
C 235	22	1	14	80	0.1	22	13	68	6	30	12	<1
C 236	14	1	8	49	0.1	12	9	42	6	30	12	<1
C 237	18	1	13	68	0.1	20	15	62	6	30	21	2
C 238	10	1	3	38	0.1	11	4	40	4	50	11	<1
C 239	6	1	4	40	0.1	10	3	40	3	40	12	<1
C 240	7	1	8	34	0.1	9	4	42	4	30	10	<1
C 241	12	1	8	45	0.1	12	6	54	6	30	13	<1
C 242	6	1	1	26	0.1	7	1	40	4	40	11	<1
C 243	11	1	9	33	0.1	7	3	50	4	40	6	<1
C 244	3	1	8	34	0.1	1	1	17	1	40	17	<1
C 245	3	1	9	50	0.1	1	1	16	1	40	18	<1
C 246	4	1	5	121	0.1	1	7	16	1	40	16	<2
C 247	2	1	6	37	0.1	1	1	14	1	40	22	34
C 248	3	1	7	38	0.1	1	1	13	11	30	11	<1
C 250	2	1	6	23	0.1	1	1	10	2	30	18	2420
C 251	3	1	7	21	0.1	1	1	7	38	40	9	377
C 252	3	1	3	20	0.1	1	1	10	14	40	12	7
C 253	4	1	5	19	0.1	1	1	10	12	30	12	109
C 254	4	1	1	27	0.1	1	1	11	6	40	20	75
C 255	3	1	3	25	0.1	1	2	11	4	40	16	<1
C 256	3	1	6	33	0.1	1	1	12	7	40	20	<1
C 257	2	1	5	32	2.6	1	1	10	9	20	22	2704
C 258	2	1	5	35	0.1	1	1	9	20	40	25	4
C 259	3	1	9	36	12.3	1	1	9	15	30	17	9999
C 261	2	1	6	16	0.1	1	1	8	12	30	15	4
C 262	16	1	9	43	6.8	1	1	8	14	40	23	9999
C 263	2	1	3	14	0.8	1	1	6	5	30	24	982
C 264	3	1	6	16	3.8	1	1	12	3	30	17	3730
C 265	5	1	4	11	4.8	1	1	8	4	30	18	3650
C 266	2	1	6	16	6.5	1	1	9	9	30	20	948
C 267	5	1	5	20	1.5	1	1	12	2	40	18	6790
C 268	7	1	17	26	0.9	1	1	14	5	40	15	70
C 269	4	1	3	20	0.1	1	1	8	17	30	12	354
C 270	2	1	8	38	0.1	1	1	12	1	30	20	<1
C 271	2	1	3	21	0.1	1	1	10	3	40	16	144
C 272	2	1	5	26	0.1	1	1	10	10	30	8	1
C 273	3	1	11	28	0.1	1	1	12	4	50	18	<1
C 274	2	1	4	26	0.4	1	1	9	23	40	20	1280
C 275	3	1	4	40	0.1	1	1	18	5	50	11	1840
C 277	3	1	6	35	0.1	1	1	14	3	60	20	56
C 278	2	1	10	48	0.1	1	1	18	1	40	16	<1
C 279	4	1	5	61	6.8	2	2	16	4	60	14	56
C 280	4	1	7	80	0.1	1	1	14	3	30	14	<1
C 281	2	1	4	22	0.1	1	1	13	5	40	17	41
C 282	9	1	5	23	0.1	1	1	16	1	30	22	2
C 283	11	1	8	25	0.1	1	1	16	1	40	13	<1
C 284	6	1	6	30	0.1	1	1	18	2	30	14	2100
C 285	5	1	8	46	0.1	1	1	16	2	40	17	<1
C 286	5	1	7	30	0.1	1	1	12	2	30	21	<1
C 287	4	1	9	48	0.1	1	1	14	2	50	19	<1

Table 21 List of the Results of Geochemical Analysis (14)

Sample No.	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Cr ppm	As ppm	Hg ppb	Li ppm	Au ppb
C 288	4	1	5	21	0.1	1	1	13	1	50	21	4
C 289	6	1	3	50	0.1	3	2	17	3	40	21	13
C 291	5	1	6	35	0.1	1	1	14	1	40	26	<1
C 292	5	1	4	29	0.1	1	1	12	1	40	20	120
C 293	8	1	5	29	0.1	1	2	14	1	40	23	11
C 294	6	1	5	35	0.1	1	1	13	2	40	20	2
C 295	4	1	4	34	0.1	1	1	12	2	50	19	6
C 296	4	1	1	27	0.1	1	1	10	4	50	18	403
C 307	12	1	5	60	0.1	3	3	18	5	70	12	<1
C 308	9	3	5	24	0.1	1	1	16	6	60	12	<1
C 309	4	1	7	48	0.1	1	1	10	2	50	15	2700
C 310	8	1	3	75	0.1	2	5	20	3	40	17	<1
C 311	9	1	6	92	0.1	5	2	21	4	40	13	<1
C 312	13	1	9	84	0.1	5	13	18	3	50	11	3630
C 313	15	2	5	39	0.1	2	4	20	5	50	11	<1
C 314	19	1	2	231	0.1	9	28	58	1	50	9	<1
C 315	8	1	4	42	0.2	1	6	12	2	60	12	<1
C 316	9	1	5	44	0.1	1	1	12	2	40	14	<1
C 317	17	1	1	105	0.1	6	21	36	3	40	12	5
C 318	6	1	7	25	0.1	1	2	12	1	40	9	<1
C 319	7	1	10	46	0.1	1	6	14	6	40	15	<1
C 320	10	1	1	78	0.1	3	10	17	4	30	14	<1
C 321	17	1	2	101	0.1	2	11	17	3	40	11	<1
C 322	9	1	2	49	0.1	3	6	26	4	40	14	<1
C 323	7	1	3	41	0.1	1	4	12	2	40	12	<1
C 324	8	1	6	101	0.1	1	6	16	3	30	18	<1
C 325	8	1	4	68	0.1	1	2	13	5	30	14	<1
C 326	10	1	15	126	0.1	1	5	18	2	30	16	7
C 327	9	1	13	68	0.1	4	4	27	4	40	14	2
C 328	7	1	4	31	0.1	1	2	14	7	30	16	<1
C 329	6	1	8	70	0.1	5	7	28	4	30	13	<1
C 330	12	1	9	78	0.1	2	10	17	4	40	11	1
C 331	6	1	9	62	0.1	2	2	14	3	30	15	<1
C 332	7	1	18	50	0.1	1	1	12	1	30	10	<1
C 333	9	1	5	73	0.1	2	3	16	2	30	12	<1
C 334	32	1	11	68	0.1	8	11	40	9	40	23	205
C 335	14	1	3	165	0.1	3	13	20	2	20	11	<1
C 336	16	1	6	285	0.1	3	17	22	1	30	10	<1
C 337	39	1	2	72	0.1	6	16	32	7	30	22	<1
C 339	8	2	8	27	0.1	2	4	16	4	30	13	<1
C 340	6	1	5	67	0.1	2	3	14	2	30	14	3680
C 341	7	1	4	60	0.1	4	3	24	2	20	11	<1
C 342	4	1	2	29	0.1	2	1	13	2	20	12	584
C 343	4	1	3	20	7.0	1	1	16	2	30	14	31
C 344	10	1	5	46	0.1	2	1	13	2	30	13	<1
C 345	5	1	8	33	0.1	1	2	6	1	30	20	7000
C 346	4	1	2	26	0.1	1	4	7	1	30	17	1
C 347	6	1	5	35	0.1	1	3	13	2	40	15	<1
C 348	6	1	5	57	0.1	2	1	20	2	60	14	<1
C 349	5	1	6	46	0.1	1	1	12	2	50	14	<1
C 350	7	1	6	50	0.1	2	2	14	3	40	11	<1
C 351	6	1	4	27	0.1	1	2	18	2	40	13	<1
C 352	4	1	5	21	0.1	1	1	14	2	40	16	5920
C 353	4	1	4	28	0.1	1	1	12	1	40	17	442
C 354	5	1	14	32	0.1	2	1	21	2	40	13	97
C 355	5	1	3	17	0.1	1	1	11	1	30	12	<1
C 356	8	1	7	29	0.1	1	1	11	1	30	15	18
C 357	6	1	8	32	0.1	2	1	26	2	50	14	<1
C 358	9	1	5	75	0.1	3	2	26	4	40	15	<1
C 359	8	1	5	59	0.1	1	5	14	3	40	18	<1
C 360	9	1	11	82	0.1	2	4	14	3	40	17	1600
C 361	13	1	6	115	0.1	3	4	29	2	40	15	<1
C 362	11	1	4	68	0.1	4	8	25	5	50	18	<1
C 363	10	1	3	67	0.1	2	6	23	4	40	14	<1

Table 21 List of the Results of Geochemical Analysis (15)

Sample No.	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Cr ppm	As ppm	Hg ppb	Li ppm	Au ppb
C 364	11	1	4	63	0.1	6	7	28	4	40	20	2
C 365	8	1	5	39	7.6	1	2	32	2	60	16	5630
C 366	8	1	4	34	10.0	3	2	60	3	20	18	9730
C 367	7	1	4	41	0.1	1	1	18	2	40	14	<1
C 368	7	1	3	68	0.1	2	3	18	2	40	13	<1
C 370	6	1	8	49	0.1	2	1	22	3	50	13	<1
C 371	8	1	12	68	0.1	2	5	20	3	40	13	<1
C 372	7	1	7	63	0.1	2	4	26	3	40	14	<1
C 373	7	1	8	33	0.1	1	1	22	3	40	13	<1
C 374	9	1	10	70	0.1	3	3	32	4	50	18	<1
C 375	8	1	9	37	0.1	1	1	20	3	40	12	<1
C 376	15	2	12	71	0.1	2	9	24	5	40	17	<1
C 377	5	1	9	53	0.1	2	1	21	2	40	15	<1
C 379	8	1	8	56	0.1	3	3	24	4	50	20	<1
C 380	5	1	25	22	10.2	1	1	30	3	30	13	596
C 381	5	1	7	40	0.1	2	1	20	3	40	15	21
C 382	4	1	8	38	0.1	1	1	28	1	40	13	151
C 383	4	1	7	56	0.1	1	4	28	2	30	14	1
C 384	9	1	10	38	0.1	2	1	20	2	40	17	7
C 385	6	1	8	43	0.1	2	2	24	2	30	15	<1
C 386	6	1	9	38	0.1	1	2	25	2	50	14	<1
C 387	3	1	7	29	0.1	2	1	23	2	40	12	<1
C 388	5	1	9	39	0.1	2	2	23	2	50	14	<1
C 389	10	1	8	31	0.1	2	1	21	2	50	13	<1
C 391	5	1	10	20	0.1	1	1	22	1	70	12	<1
C 392	3	1	7	41	0.1	2	1	21	2	40	12	<1
C 393	2	1	4	26	0.1	1	1	20	1	30	11	<1
C 394	3	1	6	29	0.1	3	2	28	2	30	11	<1
C 395	4	1	8	65	0.1	2	3	32	1	30	10	3360
C 396	4	1	7	39	0.1	2	2	22	2	30	10	<1
C 397	3	1	4	29	0.1	2	1	20	1	30	12	<1
C 398	4	1	6	31	0.1	1	1	23	2	30	10	<1
C 399	4	1	5	41	0.1	1	1	21	2	30	11	<1
C 400	3	1	5	17	0.1	1	1	15	2	40	12	8310
C 401	8	1	7	27	0.1	1	6	22	2	40	13	472
C 402	4	1	3	12	0.1	1	2	14	2	30	11	<1
C 403	4	1	5	11	0.1	1	1	19	2	40	10	<1
C 404	3	1	3	9	0.1	1	1	20	2	30	12	<1
C 405	3	1	5	8	0.1	1	1	12	2	30	8	<1
C 406	10	1	19	103	0.1	33	20	26	2	70	10	<1
C 407	3	1	2	9	0.1	1	1	12	2	40	11	<1
C 408	5	1	4	64	0.1	1	2	20	3	40	10	<1
C 409	8	1	83	12	0.1	4	18	18	7	40	9	<1
C 410	6	1	9	91	0.1	2	8	20	2	40	11	<1
D 1	20	1	12	68	0.1	8	11	56	2	20	20	<1
D 2	35	1	14	55	0.1	19	18	142	5	30	23	<2
D 3	59	1	1	78	0.1	22	21	152	3	30	17	2
D 4	81	1	4	89	0.1	29	27	200	3	40	26	<2
D 6	13	1	10	52	0.1	2	6	36	3	30	54	<5
D 7	11	1	12	41	0.1	4	9	40	3	30	28	<1
D 8	12	1	14	38	0.1	2	8	28	4	40	27	<2
D 9	21	1	16	51	0.1	2	6	28	3	40	48	<5
D 10	10	1	12	43	0.1	2	5	24	3	40	50	<2
D 11	12	1	8	62	0.1	2	5	84	2	40	32	<5
D 12	17	1	12	71	0.1	6	11	52	2	40	50	<5
D 14	11	1	5	77	0.1	5	8	58	2	40	23	7
D 15	11	1	10	73	0.1	2	9	32	3	30	35	<1
D 16	19	1	8	128	0.1	5	12	54	5	30	20	<1
D 17	18	1	6	97	0.1	7	13	60	4	60	20	4
D 18	19	1	9	115	0.1	6	12	60	3	50	21	<1
D 19	19	1	8	117	0.1	6	12	54	4	40	21	<2
D 20	18	1	6	135	0.1	5	12	56	4	40	18	<1
D 21	19	1	8	108	0.1	6	13	52	4	30	23	<1
D 22	14	1	11	84	0.1	8	11	50	6	40	32	<2

Table 21 List of the Results of Geochemical Analysis (16)

Sample No.		Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Cr ppm	As ppm	Hg ppb	Li ppm	Au ppb
D	23	13	1	14	73	0.1	7	11	46	9	30	34	<5
D	25	17	1	5	109	0.1	4	15	50	3	40	20	<1
D	26	18	1	7	162	0.1	6	16	70	4	40	14	<1
D	27	19	1	5	152	0.1	5	15	68	4	40	15	<1
D	28	18	1	5	200	0.1	6	13	72	3	30	19	<2
D	29	20	1	6	228	0.1	7	14	84	4	40	15	<5
D	30	19	1	5	189	0.1	7	14	70	4	40	16	<1
D	31	20	1	5	153	0.1	7	13	70	3	40	15	<1
D	32	21	1	7	185	0.1	7	14	68	4	40	15	<1
D	33	18	1	4	165	0.1	5	13	70	3	40	15	<1
D	34	19	1	5	170	0.1	11	15	60	3	30	15	<2
D	35	10	1	13	54	0.1	2	7	20	3	20	42	<4
D	37	73	1	1	106	0.1	16	21	110	2	20	16	<5
D	38	14	1	8	57	0.1	8	10	74	5	30	22	390
D	39	12	2	10	48	0.2	2	2	30	8	50	27	<10
D	40	13	1	10	57	0.1	9	8	60	7	40	22	<1
D	41	119	1	2	75	0.1	12	22	62	2	30	13	356
D	42	19	1	6	192	0.1	6	16	64	3	40	13	<1
D	43	19	1	7	85	0.1	8	16	54	2	40	22	<1
D	47	18	1	7	89	0.1	5	17	44	3	40	21	51
D	48	26	1	4	68	0.1	8	17	56	1	50	14	<2
D	49	18	1	8	82	0.1	5	13	36	3	50	21	<1
D	50	49	1	4	121	0.1	11	3	100	1	40	13	22
D	51	81	1	7	77	0.1	6	22	34	3	30	13	2
D	52	21	1	5	70	0.1	9	14	70	2	40	18	<1
D	53	38	2	2	102	0.2	30	20	270	4	50	17	<10
D	54	39	1	5	76	0.1	14	20	120	3	40	16	<5
D	55	35	1	8	70	0.1	12	18	118	3	40	18	26
D	60	27	1	5	85	0.1	8	16	70	2	40	17	<2
D	63	45	1	2	77	0.1	9	21	40	5	50	12	3
D	64	42	1	3	92	0.1	9	18	40	9	50	11	<1
D	66	35	1	4	75	0.1	7	15	40	3	40	9	1
D	67	38	1	4	84	0.1	9	19	44	3	40	10	1
D	68	37	1	2	71	0.1	13	20	48	4	30	10	38
D	69	31	1	5	82	0.1	6	17	44	3	30	8	<1
D	70	20	1	6	100	0.1	8	18	68	3	30	19	<1
D	71	36	1	6	109	0.1	14	18	70	3	30	21	<1
D	72	40	1	4	75	0.1	12	21	64	4	20	18	27
D	73	75	1	1	91	0.1	22	18	90	3	20	12	2
D	74	61	1	2	92	0.1	11	16	50	3	30	16	3
D	75	23	1	5	91	0.1	8	13	64	3	30	19	2
D	76	28	1	4	55	0.1	6	15	52	7	40	14	<5
D	78	20	1	7	102	0.1	9	14	90	2	40	18	<2
D	79	36	1	7	84	0.1	8	18	48	3	40	18	18
D	80	22	1	5	79	0.1	8	17	42	4	40	19	<4
D	81	36	1	4	95	0.1	10	18	60	4	40	18	<2
D	82	23	1	5	77	0.1	9	13	46	2	30	21	<1
D	83	21	1	6	85	0.1	12	11	72	3	30	17	<1
D	85	19	1	4	61	0.1	13	9	68	2	30	12	12
D	86	20	1	8	89	0.1	11	15	72	3	40	16	<1
D	88	11	1	2	25	0.1	8	5	36	1	40	7	2
D	89	18	1	4	29	0.1	7	2	42	2	40	8	2
D	90	5	1	2	21	0.1	6	4	38	1	30	8	<1
D	91	19	1	3	62	0.1	10	11	52	2	40	16	<1
D	92	13	1	1	42	0.1	10	5	86	1	40	11	1
D	93	19	1	1	45	0.1	11	9	72	2	30	10	<1
D	94	18	1	2	54	0.1	10	6	66	2	30	14	<1
D	95	30	1	6	116	0.1	38	18	600	4	30	17	<2
D	96	31	1	5	74	0.1	14	16	78	4	40	18	<1
D	97	26	1	8	75	0.1	8	10	34	20	50	18	<1
D	98	22	1	6	83	0.1	11	15	70	4	40	18	<1
D	99	6	1	9	46	0.1	1	2	24	7	40	20	<1
D	100	3	1	6	29	0.1	1	1	14	12	30	23	2
D	101	4	1	4	36	0.1	1	1	12	4	30	19	<4

Table 21 List of the Results of Geochemical Analysis (17)

Sample No.	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Cr ppm	As ppm	Hg ppb	Li ppm	Au ppb
D 102	4	1	5	32	0.1	1	1	14	3	40	24	<4
D 103	2	1	8	30	0.1	1	1	12	3	40	18	<2
D 104	4	1	3	25	0.1	1	1	13	2	40	28	<5
D 105	3	1	10	34	0.1	1	1	10	11	50	20	<2
D 106	4	1	7	42	0.1	1	1	10	3	40	20	5
D 107	4	1	10	36	0.1	1	1	14	10	30	20	<5
D 108	6	1	5	42	0.1	1	1	12	1	30	17	3
D 109	5	1	6	39	0.1	1	1	12	2	30	15	<5
D 110	4	1	5	45	0.1	1	1	12	3	40	23	<5
D 111	4	1	4	25	0.1	1	1	13	4	40	15	<10
D 112	5	1	8	27	0.1	1	1	13	33	40	20	1710
D 113	8	1	16	25	0.6	1	2	12	53	30	20	58
D 114	14	1	11	118	0.1	7	12	44	5	30	15	<5
D 115	14	1	11	102	0.1	6	11	40	3	30	16	<5
D 116	3	1	7	45	0.1	1	1	17	2	40	32	<5
D 117	4	1	9	66	0.1	1	1	20	1	60	11	<4
D 118	5	1	8	41	0.1	1	2	18	2	60	39	<2
D 119	6	2	8	62	0.2	2	4	26	4	50	41	<2
D 120	3	1	7	38	0.1	1	1	20	1	70	18	<1
D 121	2	2	8	50	0.2	2	2	20	4	40	16	<2
D 122	2	2	8	44	0.2	2	2	16	2	50	16	<2
D 123	2	1	8	36	0.1	1	2	18	1	40	17	<2
D 124	19	1	7	52	0.1	1	1	20	1	40	15	<2
D 125	5	1	8	48	0.1	1	1	14	1	30	16	<1
D 126	10	2	10	80	0.2	2	2	23	2	50	19	<7
D 127	14	1	14	108	0.1	6	14	40	4	40	17	1
D 128	6	2	4	56	0.2	2	4	14	6	30	28	<10
D 129	13	1	10	79	0.1	3	10	34	4	30	17	<1
D 130	4	2	4	62	0.2	2	4	24	4	30	24	<2
D 131	13	1	12	94	0.1	5	9	34	4	40	18	<1
D 132	6	1	12	53	0.1	2	6	20	5	40	24	6
D 133	4	1	7	36	0.1	1	1	16	8	30	20	<2
D 134	5	1	5	33	0.1	1	1	16	3	40	34	<2
D 135	5	1	5	32	0.1	1	1	13	9	40	22	<5
D 136	5	1	6	37	0.1	1	1	14	7	40	21	127
D 137	8	1	8	44	0.1	1	2	12	3	40	25	<1
D 138	5	1	7	29	0.1	1	2	14	9	50	18	2
D 139	5	1	5	31	0.1	1	1	16	5	40	20	<1
D 140	13	1	10	145	0.1	7	17	60	3	30	14	<2
D 141	18	1	10	82	0.1	4	8	38	4	30	18	<1
D 142	6	1	7	32	0.1	1	2	14	5	30	16	<2
D 143	16	1	10	74	0.1	3	8	26	5	40	18	<5
D 144	12	1	12	94	0.1	5	11	40	3	30	17	<10
D 145	10	1	7	79	0.1	4	9	30	4	30	17	<1
D 146	7	1	8	48	0.1	2	8	29	3	30	17	<2
D 147	8	1	9	78	0.1	3	9	36	3	30	16	<2
D 148	14	1	10	95	0.1	5	10	50	4	30	16	<1
D 149	14	1	10	92	0.1	5	9	38	5	30	16	<5
D 150	13	1	16	281	0.1	16	31	152	2	20	9	<2
D 151	6	1	8	53	0.1	1	1	16	5	30	20	<2
D 152	20	1	10	81	0.1	29	14	76	6	40	26	<1
D 153	16	1	6	55	0.1	18	9	68	5	40	21	<1
D 154	40	1	7	99	0.1	29	15	82	6	30	40	2
D 155	15	1	6	53	0.1	13	8	52	2	30	23	<1
D 156	6	1	3	21	0.1	5	2	34	1	30	26	<1
D 157	19	1	9	101	0.1	21	8	72	2	30	37	1
D 158	20	1	13	75	0.1	17	12	60	1	40	24	<1
D 159	15	1	7	55	0.1	12	5	50	5	30	21	<1
D 160	21	1	12	101	0.1	23	14	76	3	30	27	<1
D 161	20	1	6	71	0.1	17	11	52	3	40	28	2
D 162	23	1	4	69	0.1	21	10	64	1	30	32	<2
D 163	30	1	6	91	0.1	35	15	94	14	40	52	<1
D 164	39	1	10	100	0.1	37	19	88	5	40	38	3
D 165	22	1	7	102	0.1	26	18	74	4	30	28	<1

Table 21 List of the Results of Geochemical Analysis (18)

Sample No.	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Cr ppm	As ppm	Hg ppb	Li ppm	Au ppb
D 166	37	1	6	73	0.1	30	19	94	6	30	27	1
D 167	36	1	9	69	0.1	32	17	80	9	40	27	<1
D 168	21	1	14	90	0.1	23	20	78	3	40	22	<2
D 169	20	1	12	149	0.1	16	12	90	1	30	20	<1
D 170	29	1	4	48	0.1	17	4	44	4	40	26	4
D 171	21	1	14	98	0.1	23	13	68	3	40	28	<1
D 172	19	1	10	90	0.1	21	14	62	3	30	26	<1
D 173	18	1	8	81	0.1	23	9	68	5	30	28	<1
D 174	19	1	10	88	0.1	27	13	70	17	40	26	2
D 175	19	1	13	115	0.1	29	14	74	3	50	32	<1
D 176	20	1	8	116	0.1	30	12	68	6	40	23	<1
D 177	18	1	10	109	0.1	26	12	72	3	40	27	<1
D 178	20	1	7	91	0.1	20	11	66	2	40	25	<1
D 179	21	1	12	114	0.1	34	13	70	4	40	28	<1
D 180	20	1	13	99	0.1	34	16	70	5	30	29	26
D 181	14	1	10	40	0.1	10	10	62	4	30	11	<1
D 182	13	1	6	55	0.1	14	7	56	3	30	19	<1
D 183	15	1	9	65	0.1	15	10	64	3	40	19	<1
D 184	14	1	7	51	0.1	13	7	54	2	40	18	<1
D 185	15	1	5	46	0.1	10	7	54	3	50	17	<1
D 186	14	1	8	50	0.1	13	8	56	3	40	16	3
D 187	8	1	3	36	0.1	8	3	42	1	40	12	2
D 188	14	1	4	43	0.1	10	8	52	1	50	16	1
D 189	45	1	8	89	0.1	46	24	96	12	40	43	<2
D 190	49	1	6	93	0.1	45	25	96	11	40	46	2
D 191	20	1	12	74	0.1	27	17	80	4	40	28	8
D 192	20	1	14	67	0.1	25	18	76	3	30	26	<1
D 193	24	1	11	71	0.1	28	15	86	6	30	30	<1
D 194	21	1	17	74	0.1	28	14	82	4	30	28	<1
D 195	21	1	14	70	0.1	28	14	84	4	30	28	<1
D 196	26	1	8	84	0.1	28	16	74	5	30	30	6
D 197	21	1	10	72	0.1	28	16	75	5	40	28	<1
D 198	21	1	7	78	0.1	28	15	72	5	30	28	<1
D 199	20	1	12	116	0.1	34	16	94	6	30	26	<4
D 200	15	1	8	55	0.1	18	9	72	3	40	24	<1
D 201	20	1	8	75	0.1	22	13	64	3	30	30	1
D 202	19	1	7	68	0.1	18	11	54	5	30	26	<1
D 203	19	1	8	63	0.1	19	10	50	7	30	24	<1
D 204	14	1	6	71	0.1	15	6	58	4	30	24	<1
D 205	18	1	10	64	0.1	17	9	54	6	30	25	<1
D 206	15	1	6	68	0.1	13	7	44	4	20	20	9
D 207	15	1	6	52	0.1	15	10	40	4	30	21	<1
D 208	30	1	17	101	0.1	29	17	86	6	30	32	<5
D 209	20	1	10	86	0.1	26	14	72	4	20	32	<5
D 210	20	1	3	68	0.1	17	11	52	5	30	27	<1
D 211	17	1	10	58	0.1	19	10	52	5	40	24	<1
D 212	18	1	9	73	0.1	19	11	66	4	40	23	<4
D 213	18	1	10	88	0.1	26	18	70	3	30	28	<5
D 214	18	1	10	65	0.1	22	11	58	5	60	26	<1
D 215	16	1	6	49	0.1	13	8	52	3	50	23	<1
D 216	21	1	6	67	0.1	18	13	58	6	40	27	<1
D 217	20	1	6	71	0.1	17	11	58	4	40	28	<1
D 218	13	1	6	48	0.1	13	7	44	4	40	21	<1
D 219	12	1	6	39	0.1	15	6	46	4	30	17	<1
D 220	23	1	5	73	0.1	20	15	66	6	30	28	<1
D 221	23	1	5	71	0.1	19	14	62	8	30	29	<1
D 222	13	1	8	53	0.1	14	7	48	8	30	22	<1
D 223	18	1	4	57	0.1	23	17	70	6	40	20	<4
D 224	12	1	9	56	0.1	11	10	46	4	30	16	1
D 225	13	1	6	57	0.1	16	8	52	4	30	18	<1
D 226	11	1	6	50	0.1	14	9	44	4	30	14	219
D 227	17	1	13	42	0.1	14	11	78	6	30	12	<1
D 228	13	1	5	60	0.1	18	10	50	5	20	20	2
D 229	13	1	5	56	0.1	18	10	54	4	30	20	3

Table 21 List of the Results of Geochemical Analysis (19)

Sample No.	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Cr ppm	As ppm	Hg ppb	Li ppm	Au ppb
D 230	15	1	8	54	0.1	19	14	74	4	20	13	<1
D 231	14	1	6	55	0.1	19	13	64	6	30	17	<1
D 232	13	1	5	60	0.1	19	10	52	5	30	20	<1
D 233	12	1	3	49	0.1	14	10	52	4	20	17	<1
D 234	12	1	3	48	0.1	14	11	56	4	30	17	1
D 235	11	1	2	43	0.1	13	8	42	5	20	17	3
D 236	14	1	5	47	0.1	13	8	50	4	30	18	2
D 237	10	1	8	36	0.1	8	5	40	3	30	16	<1
D 238	13	1	4	46	0.1	18	10	57	5	30	18	2
D 239	9	1	6	24	0.1	5	3	42	4	30	7	<1
D 240	8	1	4	17	0.1	4	2	34	5	30	8	<1
D 241	9	1	4	41	0.1	12	4	42	4	30	12	<1
D 242	8	1	4	32	0.1	9	6	40	4	30	11	<1
D 243	9	1	6	52	0.1	12	5	42	3	20	14	<1
D 244	10	1	8	43	0.1	12	5	52	6	20	13	<1
D 245	10	1	6	48	0.1	12	5	44	5	20	12	1
D 246	10	1	4	45	0.1	12	6	42	4	30	12	5
D 247	9	1	5	60	0.1	13	6	50	3	20	17	<1
D 248	11	1	6	38	0.1	13	9	46	7	20	14	5
D 249	8	1	2	31	0.1	9	4	38	3	20	12	3
D 250	10	1	4	42	0.1	12	4	44	3	30	14	4
D 251	7	1	5	24	0.1	6	3	32	4	30	11	2
D 252	8	1	6	37	0.1	9	4	30	4	30	11	3
D 253	6	1	2	29	0.1	6	3	22	4	20	6	<1
D 254	11	1	6	41	0.1	11	3	46	4	40	13	1
D 255	10	1	6	40	0.1	9	6	40	6	30	9	29
D 256	15	1	12	72	0.1	17	8	64	5	30	24	1
D 257	8	1	6	35	0.1	5	2	34	4	30	18	4
D 258	9	1	12	39	0.1	7	3	32	9	40	23	6
D 259	7	1	7	28	0.1	1	1	16	3	30	20	<1
D 260	6	1	9	26	0.1	1	2	22	3	30	17	2230
D 261	8	1	7	43	0.1	8	6	48	5	30	13	<1
D 262	8	1	5	42	0.1	16	5	60	3	40	15	2
D 263	7	1	5	29	0.1	7	2	44	4	30	19	1
D 264	8	1	6	44	0.1	9	5	46	3	30	13	<1
D 265	10	1	5	55	0.1	13	7	58	4	30	19	3
D 266	8	1	3	32	0.1	8	4	40	4	30	15	3
D 267	9	1	3	40	0.1	10	4	48	4	30	16	7
D 268	20	1	10	69	0.1	43	12	100	7	30	18	40
D 269	10	1	7	34	0.1	9	4	34	5	30	12	5
D 270	5	1	5	20	0.1	5	3	24	4	40	7	11
D 271	10	1	3	36	0.1	94	12	250	6	30	14	4
D 272	13	1	5	54	0.1	61	11	160	6	20	16	8
D 273	4	1	2	14	0.1	3	1	20	3	30	6	<1
D 274	8	1	3	28	0.1	34	3	70	5	30	10	<1
D 275	11	1	4	35	0.1	11	7	40	6	30	13	2
D 276	10	1	5	43	0.1	10	4	42	5	30	14	18
D 277	9	1	5	34	0.1	11	6	38	5	30	14	7
D 278	8	1	4	38	0.1	16	7	50	5	30	16	<1
D 279	9	1	4	38	0.1	12	3	44	5	30	14	<1
D 280	10	1	8	38	0.1	8	8	48	7	30	14	<1
D 281	6	1	3	30	0.1	8	2	54	4	30	12	85
D 282	9	1	6	59	0.1	17	7	68	3	30	22	<2
D 283	15	1	8	65	0.1	25	8	70	6	30	20	<1
D 284	10	1	7	65	0.1	15	8	64	5	30	20	<1
D 285	8	1	5	61	0.1	15	4	38	7	30	14	964
D 286	8	1	5	43	0.1	14	2	40	4	30	17	<1
D 287	7	1	4	37	0.1	11	3	36	4	30	12	73
D 288	10	1	6	56	0.1	13	7	52	4	30	14	<2
D 289	5	1	3	37	0.1	9	4	38	4	30	13	<1
D 290	43	1	4	137	0.1	6	18	34	4	30	11	1
D 291	44	1	3	92	0.1	15	19	52	4	30	13	<1
D 292	58	1	1	199	0.1	34	33	205	4	30	15	3
D 293	48	1	2	103	0.1	4	21	30	4	30	10	6

Table 21 List of the Results of Geochemical Analysis (20)

Sample No.	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Cr ppm	As ppm	Hg ppb	Li ppm	Au ppb
D 294	45	1	3	43	0.1	23	11	260	23	60	9	11
D 295	41	1	1	111	0.1	69	26	240	6	30	17	3
D 296	51	1	2	83	0.1	53	37	240	7	30	18	1
D 297	65	1	1	85	0.1	180	51	520	4	30	20	2
D 298	54	1	1	81	0.1	52	40	205	4	30	16	2
D 299	51	1	2	97	0.1	78	43	330	4	30	20	2
D 300	28	1	2	74	0.1	20	21	98	4	30	11	2
D 301	41	1	1	76	0.1	44	24	162	4	20	14	21
D 302	54	1	3	71	0.1	13	20	46	9	30	18	229
D 303	39	1	3	71	0.1	8	12	42	7	30	12	65
D 304	58	1	2	98	0.1	9	19	44	4	30	16	<1
D 305	48	1	3	68	0.1	14	18	56	7	30	14	3
D 306	54	1	4	75	0.1	24	20	82	6	30	12	2
D 307	63	1	4	126	0.1	13	19	50	11	30	18	6
D 308	30	1	1	55	0.1	9	13	46	5	30	15	<1
D 309	37	1	1	80	0.1	13	16	50	3	30	14	<4
D 310	37	1	1	62	0.1	9	15	40	3	30	14	<1
D 311	38	1	1	79	0.1	11	17	46	4	30	19	<1
D 312	59	1	2	95	0.1	59	37	240	4	30	17	5
D 313	39	1	1	70	0.1	15	14	62	4	30	12	5
D 314	26	1	5	65	0.1	13	12	64	6	30	12	<1
D 315	44	1	7	66	0.1	13	14	84	7	30	12	7
D 316	13	1	6	40	0.1	7	2	30	3	20	14	1
D 317	15	1	4	30	0.1	5	3	34	3	30	34	<1
D 318	15	1	10	65	0.1	11	4	40	4	30	16	1
D 319	13	1	6	51	0.1	14	3	56	3	30	19	<1
D 320	14	1	5	38	0.1	8	4	36	4	30	13	<1
D 321	12	1	10	56	0.1	13	5	56	9	30	20	<1
D 322	18	1	18	89	0.1	23	16	70	6	20	19	<1
D 323	12	1	8	63	0.1	13	7	52	5	20	19	1
D 324	14	1	12	73	0.1	16	8	58	5	20	23	<1
D 325	12	1	7	38	0.1	10	6	50	4	30	22	<1
D 326	16	1	13	76	0.1	16	9	74	6	20	26	<1
D 327	14	1	8	64	0.1	14	4	56	6	30	24	<1
D 328	37	1	28	81	0.1	7	21	58	5	30	16	<1
D 329	46	1	13	100	0.1	15	22	50	9	20	24	1
D 330	16	1	11	70	0.1	26	12	64	12	20	21	62
D 332	19	1	7	42	0.1	7	13	52	3	20	18	2
D 333	2	1	13	17	0.1	1	1	10	3	30	10	<1
D 334	1	1	7	20	0.1	1	1	11	2	30	12	<1
D 335	3	1	22	31	0.1	1	1	12	3	30	13	<1
D 336	1	1	5	17	0.1	1	1	14	3	30	12	<1
D 337	2	1	10	26	0.1	1	1	20	3	30	13	<1
D 339	1	1	19	28	0.1	1	2	12	5	30	14	<1
D 340	2	1	6	17	0.1	2	1	10	3	20	14	98
D 341	2	1	5	21	0.1	1	1	10	2	30	19	<2
D 342	1	1	6	12	0.1	1	1	8	2	30	18	1
D 343	1	1	4	21	0.1	1	1	19	2	30	16	2
D 344	1	1	4	13	0.1	1	1	10	2	30	17	<1
D 345	1	1	6	19	0.1	1	1	12	3	20	12	441
D 346	1	1	4	19	0.3	1	1	14	3	30	15	<1
D 347	1	1	2	22	0.1	1	1	11	3	20	10	2
D 348	1	1	4	21	0.1	1	1	9	3	30	14	8
D 349	3	1	7	28	0.1	2	1	24	3	30	16	<1
D 352	4	1	5	66	0.1	5	7	30	3	30	22	<1
D 353	5	1	4	42	0.1	1	2	32	4	20	14	1440
D 354	1	1	4	9	0.1	1	1	10	3	20	12	<1
D 355	4	1	4	18	0.2	1	1	13	5	30	12	1
D 356	2	1	7	32	0.1	1	1	14	5	30	20	<1
D 357	4	1	5	22	0.1	1	1	10	2	30	14	<1
D 358	3	1	5	10	0.1	1	1	10	3	30	12	50
D 359	6	1	5	59	0.1	5	1	19	3	30	20	<1
D 360	3	1	4	12	0.1	1	1	14	3	30	18	<1
D 361	2	1	9	16	0.5	1	1	24	1	30	14	<1

Table 21 List of the Results of Geochemical Analysis (21)

Sample No.	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Cr ppm	As ppm	Hg ppb	Li ppm	Au ppb
D 362	3	1	8	31	0.1	1	1	22	4	50	14	1310
D 363	18	1	10	76	0.1	5	8	34	9	50	19	<1
D 364	10	1	9	51	0.1	1	8	19	3	40	18	<2
D 365	7	1	5	47	0.1	2	7	28	4	40	20	<1
D 366	3	1	9	32	0.1	1	2	8	6	40	20	39
D 367	9	1	13	123	0.1	1	9	18	7	40	17	2
D 368	14	1	8	61	0.1	3	7	22	4	40	22	<1
D 369	19	1	7	83	0.1	7	8	64	9	30	22	<1
D 370	21	1	10	74	0.1	4	7	24	6	30	23	3
D 371	21	1	8	70	0.1	5	6	26	6	30	24	1
D 372	3	1	7	26	0.1	1	1	11	11	30	14	396
D 373	4	1	7	33	0.2	1	2	10	4	40	11	<1
D 374	3	1	9	34	0.2	1	1	12	6	40	14	<1
D 375	4	1	5	45	0.1	1	1	14	2	40	12	<1
D 376	3	1	8	41	0.1	1	1	13	7	40	14	56
D 377	4	1	6	30	0.6	1	1	10	5	50	14	571
D 378	4	1	6	35	0.1	1	1	12	6	40	18	85
D 379	5	1	5	34	0.1	1	1	14	9	40	17	1680
D 381	19	1	18	75	0.1	5	6	42	9	30	21	2
E 01	8	1	12	80	0.1	4	7	24	4	40	14	<1
E 02	7	1	16	115	0.1	3	8	28	6	40	19	<1
E 03	6	1	12	66	0.1	2	5	19	4	40	16	<1
E 04	5	1	9	48	0.1	2	3	21	5	40	18	<1
E 05	9	1	9	163	0.1	8	17	138	1	40	19	<2
E 06	3	1	10	51	0.1	1	4	36	2	30	20	<1
E 07	4	1	9	41	0.1	2	1	22	2	30	16	<1
E 08	3	1	8	34	0.1	2	1	22	3	30	15	<2
E 09	7	1	9	140	0.1	3	5	34	3	40	19	<5
E 11	6	1	10	66	0.1	1	3	26	3	30	16	<1
E 12	6	1	9	55	0.1	1	4	18	4	30	18	<1
E 13	7	1	13	92	0.1	4	10	28	2	40	17	<1
E 14	7	1	11	45	0.1	1	6	16	2	30	17	<5
E 15	8	1	19	113	0.1	2	8	30	2	40	20	<5
E 16	5	1	9	59	0.1	1	3	20	3	40	18	<1
E 17	6	1	8	63	0.1	2	2	24	2	40	16	<1
E 18	5	1	10	52	0.1	1	4	34	2	30	18	<5
E 19	8	1	9	76	0.1	2	6	26	4	30	16	1
E 20	8	1	13	172	0.1	1	5	34	6	30	17	<1
E 21	7	1	40	105	0.1	2	7	16	17	40	18	<1
E 22	5	1	21	71	0.1	3	3	17	7	40	22	2
E 23	15	1	13	67	0.1	4	10	70	3	50	9	<1
E 24	16	1	21	186	0.1	5	12	64	4	30	18	7
E 25	7	1	16	154	0.1	4	8	34	12	40	18	9
E 26	6	1	17	63	0.1	2	2	20	10	40	20	<1
E 27	6	1	10	131	0.1	2	6	19	5	30	22	<1
E 28	5	1	5	34	0.1	2	4	20	4	20	24	<1
E 29	8	1	13	272	0.1	7	10	66	1	30	17	<1
E 30	4	1	9	35	0.1	2	4	24	3	30	16	<2
E 31	6	1	10	41	0.1	4	4	24	4	30	19	2
E 32	8	1	14	118	0.1	4	8	32	3	30	17	<1
E 33	8	1	5	84	0.1	6	7	40	3	30	18	<1
E 34	5	1	8	68	0.1	3	4	28	3	40	17	<1
E 35	7	1	7	69	0.1	6	8	38	2	30	16	4
E 36	6	1	8	104	0.1	9	8	32	3	30	18	2
E 37	10	1	11	92	0.1	8	8	28	5	30	17	<1
E 38	7	1	8	121	0.1	13	9	40	2	40	17	<1
E 39	7	1	9	210	0.1	6	8	46	2	40	16	3
E 40	10	1	6	111	0.1	6	8	36	1	30	20	<2
E 41	11	1	9	73	0.1	6	6	42	2	40	16	<1
E 42	7	1	6	78	0.1	5	6	32	3	40	19	<1
E 43	7	1	7	101	0.1	3	5	30	3	30	15	4
E 44	6	1	6	151	0.1	3	6	38	1	30	14	<2
E 45	6	1	8	70	0.1	3	5	26	2	40	14	<1
E 46	7	1	6	81	0.1	4	4	28	1	40	15	<1

Table 21 List of the Results of Geochemical Analysis (22)

Sample No.	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Cr ppm	As ppm	Hg ppb	Li ppm	Au ppb
E 47	5	1	8	45	0.1	2	4	20	3	40	15	<1
E 48	6	1	11	55	0.1	2	3	23	3	40	15	31
E 49	4	1	4	41	0.1	20	2	20	3	40	18	<5
E 51	4	1	7	71	0.1	5	3	16	4	50	18	<2
E 52	7	1	8	95	0.1	17	5	20	4	30	16	<2
E 53	14	1	8	117	0.1	27	11	140	3	40	15	<1
E 54	11	1	8	101	0.1	10	7	60	4	20	16	<2
E 55	50	1	5	101	0.1	27	21	188	2	30	13	<1
E 56	56	1	2	72	0.1	20	19	220	3	30	13	<2
E 57	49	1	4	66	0.1	14	8	88	3	30	12	6
E 58	23	1	8	70	0.1	7	10	42	3	40	16	<1
E 59	21	1	7	85	0.1	10	11	60	3	40	16	2
E 60	23	1	1	49	0.1	13	13	72	3	30	12	8
E 61	19	1	3	59	0.1	8	9	36	4	30	15	2
E 62	18	1	1	41	0.1	4	6	24	4	30	11	8
E 63	25	1	7	88	0.1	30	14	80	7	20	32	<1
E 64	31	1	6	94	0.1	29	15	70	6	60	29	<1
E 65	41	1	2	81	0.1	17	18	74	6	50	24	2
E 66	41	1	2	77	0.1	17	17	72	7	40	30	1
E 67	13	1	5	52	0.1	15	7	52	2	30	22	<1
E 68	23	1	5	67	0.1	19	11	62	3	30	30	<1
E 69	31	1	5	74	0.1	21	12	62	9	40	32	<1
E 70	24	1	2	67	0.1	16	9	50	5	30	30	5
E 71	25	1	8	80	0.1	26	14	80	6	40	28	6
E 72	25	1	7	86	0.1	27	14	98	6	50	34	17
E 73	28	1	6	84	0.1	27	14	90	9	30	29	2
E 74	24	1	3	78	0.1	27	13	72	4	30	30	<1
E 75	21	1	6	60	0.1	18	10	52	2	30	20	9
E 76	25	1	13	89	0.1	28	15	72	5	30	28	<1
E 77	25	1	10	78	0.1	28	14	82	6	30	30	2
E 78	22	1	1	64	0.1	23	13	90	3	30	26	<1
E 79	14	1	7	57	0.1	13	8	56	5	30	24	<1
E 80	6	1	2	23	0.1	5	2	34	1	30	22	<1
E 81	10	1	3	36	0.1	8	4	42	3	40	22	<1
E 82	9	1	3	35	0.1	7	2	48	1	30	18	<1
E 83	17	1	8	64	0.1	20	9	68	4	30	24	<1
E 84	13	1	7	55	0.1	16	8	64	3	30	16	<2
E 85	13	1	6	47	0.1	13	6	50	3	30	16	<1
E 86	15	1	8	54	0.1	15	10	60	4	30	18	931
E 87	11	1	6	36	0.1	9	6	56	3	30	13	51
E 88	12	1	7	41	0.1	11	7	52	2	30	18	1
E 89	4	1	1	5	0.1	2	1	18	1	30	8	53
E 92	27	1	3	34	0.1	19	10	68	5	40	24	4
E 93	27	1	4	38	0.1	11	8	38	3	40	26	15
E 94	25	1	7	61	0.1	24	11	42	5	40	20	1
E 95	7	1	16	37	0.1	5	7	34	4	30	34	<1
E 96	9	1	14	47	0.1	5	8	29	6	40	32	<1
E 97	7	1	17	37	0.1	3	5	27	4	40	38	<1
E 98	19	1	5	29	0.1	15	5	31	9	40	20	<1
E 99	14	1	11	86	0.1	19	10	52	3	30	28	<1
E 100	17	1	7	60	0.1	20	9	58	4	40	24	<1
E 101	12	1	9	48	0.1	8	6	34	3	30	22	<1
E 102	11	1	13	61	0.1	19	10	58	2	30	22	<1
E 103	19	1	6	40	0.1	19	8	40	6	30	18	2
E 104	18	1	11	79	0.1	21	11	52	5	40	25	<1
E 105	35	1	4	46	0.1	14	9	54	4	40	19	2
E 106	25	1	3	47	0.1	18	10	40	3	60	18	<1
E 107	31	1	3	36	0.1	19	9	36	3	60	21	6
E 108	29	1	5	34	0.1	21	9	52	4	50	22	8
E 111	11	2	20	109	0.1	6	11	37	5	50	38	<1
E 112	10	1	9	53	0.1	4	8	24	20	50	94	4
E 113	15	5	19	83	0.1	7	12	46	11	40	52	<1
E 114	15	1	16	91	0.1	15	16	74	2	40	28	<1
E 115	21	1	12	81	0.1	23	14	72	6	40	30	<1

Table 21 List of the Results of Geochemical Analysis (23)

Sample No.	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Cr ppm	As ppm	Hg ppb	Li ppm	Au ppb
E 116	25	1	10	76	0.1	27	11	64	3	40	30	2
E 117	23	1	17	61	0.1	23	15	68	8	30	27	<1
E 119	22	1	11	71	0.1	22	13	68	3	30	30	<1
E 121	35	1	3	47	0.1	13	12	38	3	40	22	3
E 122	26	1	10	79	0.1	28	16	78	5	30	26	48
E 123	37	1	10	98	0.1	47	19	60	17	50	30	6
E 124	27	1	11	100	0.1	38	13	56	10	40	26	6
E 125	19	1	5	130	0.1	55	17	98	30	50	24	5
E 126	19	1	9	81	0.1	29	12	88	4	40	32	2
E 127	17	1	9	68	0.1	20	10	58	6	40	30	2
E 128	21	1	13	68	0.1	30	12	66	5	30	28	<1
E 129	28	1	18	85	0.1	35	17	72	5	40	23	158
E 130	23	1	14	111	0.1	36	14	70	3	30	29	<1
E 131	15	1	12	65	0.1	18	10	58	3	30	19	<1
E 132	10	1	11	42	0.1	10	8	44	3	30	18	1
E 133	12	1	12	47	0.1	11	9	44	4	30	18	<1
E 134	9	1	13	33	0.1	5	9	80	4	30	4	23
E 135	11	1	8	24	0.1	3	5	42	3	40	16	<1
E 136	18	1	5	30	0.1	6	9	74	16	40	16	3
E 137	29	1	3	49	0.1	8	15	76	4	40	18	47
E 138	52	1	7	71	0.1	13	22	80	3	40	15	<1
E 139	36	1	5	86	0.1	17	15	78	7	40	29	2
E 140	19	1	9	57	0.1	12	10	40	7	40	23	37
E 141	21	1	17	76	0.1	21	16	56	10	40	30	<1
E 142	17	1	8	48	0.1	10	8	38	11	30	28	9
E 143	22	1	4	46	0.1	9	10	44	4	30	25	2
E 144	12	1	5	41	0.1	9	5	44	3	40	19	<1
E 145	19	1	6	68	0.1	22	9	64	4	30	29	<1
E 146	7	1	2	22	0.1	5	3	32	3	30	13	8
E 147	42	1	3	72	0.1	13	14	54	4	40	30	8
E 148	15	1	7	41	0.1	10	7	49	3	30	24	<1
E 149	18	1	9	57	0.1	15	10	52	7	40	28	<1
E 150	22	1	7	75	0.1	28	10	80	4	30	32	104
E 151	9	1	6	25	0.1	10	3	34	2	20	24	139
E 152	9	1	7	20	0.1	6	4	32	4	20	19	6
E 153	9	1	5	31	0.1	7	4	38	4	40	12	2
E 154	13	1	4	30	0.1	10	5	32	4	30	24	6
E 155	14	1	9	39	0.1	11	9	52	33	40	16	23
E 156	9	1	2	21	0.1	7	4	40	4	40	17	<1
E 157	7	1	1	17	0.1	14	5	30	3	30	13	<1
E 158	14	1	4	33	0.1	11	10	58	7	40	14	23
E 159	10	1	4	28	0.1	8	5	42	4	30	16	<1
E 160	11	1	9	41	0.1	11	5	50	6	40	14	2
E 161	9	1	5	30	0.1	8	6	42	2	30	11	<1
E 162	9	1	8	37	0.1	11	8	46	3	30	11	<1
E 163	6	1	3	16	0.1	8	5	32	1	30	8	11
E 164	7	1	5	27	0.1	9	5	38	1	30	12	<1
E 165	10	1	5	46	0.1	12	5	54	2	30	16	2
E 166	12	1	5	44	0.1	11	5	62	3	40	18	<1
E 168	11	1	8	46	0.1	10	4	52	2	30	28	3
E 169	10	1	5	48	0.1	13	4	54	2	30	20	1
E 171	8	1	5	39	0.1	13	3	46	1	30	15	2
E 172	5	1	2	14	0.1	5	1	26	1	20	9	<1
E 173	5	1	3	21	0.1	6	1	36	1	30	10	<1
E 174	8	1	4	34	0.1	13	4	48	1	40	15	<1
E 175	6	1	1	19	0.1	6	3	34	1	30	13	3
E 176	6	1	1	13	0.1	5	1	26	1	30	7	<1
E 177	8	1	5	27	0.1	9	3	52	1	30	13	<1
E 178	9	1	5	52	0.1	18	7	54	1	30	21	<1
E 179	8	1	5	35	0.1	13	4	58	1	40	17	2500
E 180	8	1	3	32	0.1	13	1	38	2	30	14	2
E 182	12	1	7	58	0.1	17	6	62	4	30	22	<1
E 183	6	1	2	13	0.1	3	1	22	2	30	6	<1
E 184	12	1	6	60	0.1	20	7	68	2	30	22	<1

Table 21 List of the Results of Geochemical Analysis (24)

Sample No.	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Cr ppm	As ppm	Hg ppb	Li ppm	Au ppb
E 185	8	1	3	21	0.1	8	2	34	3	30	10	<1
E 186	11	1	5	36	0.1	10	4	50	3	30	14	<1
E 187	8	1	2	20	0.1	9	2	48	1	30	14	<1
E 188	11	1	5	61	0.1	16	6	60	1	30	18	122
E 189	6	1	3	25	0.1	11	2	28	1	30	12	5
E 190	5	1	1	19	0.1	5	2	26	2	30	10	<1
E 191	5	1	1	16	0.1	4	1	24	1	20	10	2
E 193	10	1	1	5	0.1	1	1	16	1	30	7	<1
E 194	5	1	1	7	0.1	12	1	16	1	40	8	<1
E 195	4	1	1	7	0.1	5	1	19	1	20	7	<1
E 196	4	1	1	5	0.1	1	1	18	1	20	6	9
E 199	19	1	3	64	0.1	20	9	66	3	20	28	27
E 200	20	1	5	70	0.7	18	7	54	4	40	25	8
E 201	18	1	6	65	0.1	15	8	70	3	30	22	4
E 202	24	1	10	85	0.1	23	12	70	7	30	26	13
E 203	18	1	5	62	0.1	20	6	60	2	30	24	6
E 204	21	1	7	63	0.1	19	9	62	6	30	24	11
E 205	21	1	8	61	0.1	17	9	62	12	20	30	9
E 206	9	2	1	52	0.1	4	8	36	3	30	6	7
E 207	24	1	4	42	0.1	3	6	38	2	30	10	5
E 208	12	1	8	27	0.1	1	4	24	2	20	15	10
E 209	18	1	11	40	0.1	2	4	34	1	30	11	7
E 210	12	1	2	39	0.1	5	4	54	6	30	15	328
E 211	10	1	5	27	0.1	10	4	50	1	30	14	7
E 212	6	1	6	26	0.1	1	2	34	1	30	15	2
E 213	10	1	6	29	0.1	4	3	25	11	30	16	9
E 214	7	1	3	21	0.6	4	5	40	3	30	14	6
E 215	9	1	7	31	0.1	3	4	29	3	30	18	47
E 216	11	1	5	27	0.1	3	5	26	3	40	12	<1
E 217	22	1	8	47	0.1	8	12	58	3	30	14	4
E 219	71	1	4	72	0.1	22	26	66	6	30	32	8
E 220	95	1	8	70	0.1	15	43	68	4	30	22	5
E 221	79	1	4	74	0.1	12	28	116	3	40	26	61
E 222	7	1	6	20	0.1	2	5	26	1	30	18	<1
E 223	23	1	2	36	0.1	6	9	40	3	30	19	6
E 224	6	1	5	22	0.1	1	3	17	2	30	16	<1
E 228	5	1	5	20	0.1	1	3	24	1	40	13	<1
E 229	4	1	3	9	0.1	1	1	20	1	20	14	7
E 230	4	1	4	18	0.1	1	1	22	1	20	10	<1
E 231	4	1	4	8	0.1	1	1	28	1	30	12	<1
E 232	5	1	5	12	0.1	1	1	22	1	30	14	<1
E 233	6	1	4	13	0.1	7	1	28	3	30	14	<1
E 234	4	1	4	16	0.1	3	2	24	2	30	14	<1
E 235	5	1	3	19	0.1	3	3	28	1	40	13	<1
E 237	4	1	4	7	0.1	1	1	12	1	40	12	3
E 239	3	1	6	4	0.1	1	1	16	1	40	13	<1
E 240	4	1	7	5	0.1	1	1	14	1	40	13	<1
E 241	4	1	8	6	0.1	1	1	18	2	60	14	<1
E 242	6	1	6	6	0.1	1	1	22	1	70	15	<1
E 243	4	1	7	5	0.1	7	1	22	2	60	14	<1
E 245	5	1	4	12	0.1	4	1	26	3	40	12	<1
E 246	3	1	3	14	0.1	8	1	18	1	40	14	<1
E 247	4	1	5	13	0.1	1	1	22	1	60	15	<1
E 248	6	1	6	22	0.1	1	2	24	3	50	15	<1
E 250	5	1	5	23	0.1	3	3	26	1	40	15	<1
E 252	3	1	14	10	0.1	1	1	24	1	40	13	<1
E 254	4	1	4	13	0.1	2	2	36	1	40	16	<1
E 255	8	1	6	45	0.1	3	6	30	3	40	14	<1
E 256	10	1	6	44	0.1	5	8	46	3	40	15	<1
E 257	7	1	5	34	0.1	4	6	28	3	50	14	<1
E 258	9	1	4	34	0.1	4	7	34	1	40	14	6
E 259	3	1	2	10	0.1	1	2	18	1	40	13	3
E 260	3	1	1	8	0.1	1	2	11	1	30	8	<1
E 261	6	1	3	28	0.1	3	3	26	1	40	15	<1

Table 21 List of the Results of Geochemical Analysis (25)

Sample No.	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Cr ppm	As ppm	Hg ppb	Li ppm	Au ppb
E 262	15	1	7	74	0.1	9	11	50	2	50	16	3
E 265	5	1	5	44	0.1	3	6	24	2	40	15	<1
E 266	6	1	3	31	0.1	2	4	22	3	40	15	<1
E 267	5	1	4	32	0.1	3	5	24	3	50	15	<1
E 268	5	1	4	41	0.1	3	5	24	3	30	20	<1
E 269	6	1	6	42	0.1	1	4	19	5	40	16	1
E 270	5	1	3	48	0.1	2	2	22	4	40	16	<1
E 271	6	1	6	28	0.1	2	3	22	3	40	18	<1
E 272	5	1	3	47	0.1	5	5	28	4	50	20	<1
E 273	3	1	3	25	0.1	2	3	22	3	40	14	<1
E 274	4	1	5	47	0.1	3	3	19	3	50	16	<1
E 276	5	1	6	38	0.1	4	5	26	9	60	17	<2
E 277	7	1	6	57	0.1	2	5	24	5	40	18	1
E 278	4	1	4	21	0.1	1	3	16	2	40	13	<1
E 279	5	1	3	22	0.1	2	2	30	4	40	14	<1
E 280	2	1	1	9	0.1	1	1	11	2	40	10	<2
E 281	3	1	1	6	0.1	14	1	12	2	50	10	<1
E 282	3	1	1	5	0.1	4	1	12	3	40	8	<2
E 283	3	1	1	6	0.1	1	1	10	1	40	9	<1
E 284	4	1	2	6	0.1	1	1	10	3	40	9	<1
E 285	4	1	1	4	0.1	1	1	8	2	40	8	<1
E 286	3	1	1	5	0.1	18	1	8	2	40	9	<1
E 287	3	1	1	6	0.1	2	1	10	1	40	9	<1
E 289	4	1	4	16	0.1	9	1	18	1	40	13	<1
E 290	6	1	3	17	3.1	9	1	18	2	40	12	66
E 291	5	1	3	14	0.1	11	2	18	2	40	15	<1
E 292	5	1	2	38	0.1	6	4	20	3	50	12	6
E 293	5	1	6	29	0.1	2	5	24	3	40	11	<1
E 294	4	1	3	19	0.1	7	3	19	2	40	11	3400
E 295	5	1	4	27	0.1	9	2	19	6	50	12	<5
E 296	5	1	3	22	0.1	13	4	16	2	50	14	4
E 297	4	1	1	13	0.1	11	2	18	3	40	11	2
E 298	5	1	2	18	0.1	38	2	24	2	30	14	<1
E 299	9	1	6	41	0.1	7	5	36	3	40	13	<1
E 300	7	1	7	89	0.1	6	3	12	3	30	19	<1
E 301	6	1	3	36	0.1	9	3	10	5	30	15	<1
E 302	10	1	7	53	0.1	7	3	18	3	40	16	<1
E 303	11	1	5	51	1.2	26	2	16	1	50	16	87
E 304	14	1	7	93	0.1	14	4	24	6	40	18	1
E 305	10	1	11	200	0.1	5	7	16	1	40	14	<1
E 306	8	1	5	68	0.1	1	4	12	1	50	19	<1
E 307	6	1	4	43	0.1	1	2	11	1	50	12	<1
E 308	8	1	8	99	0.1	1	5	16	3	40	15	<1
E 309	7	1	6	29	0.1	15	3	10	11	50	3	6
E 310	6	1	8	93	2.6	4	3	10	4	50	8	330
E 311	6	1	6	31	0.1	7	2	8	16	40	4	2
E 312	6	1	6	55	0.1	3	2	10	2	40	2	23
E 313	7	1	4	62	0.1	7	4	13	3	60	4	<1
E 315	16	1	6	78	0.1	8	6	19	9	30	8	1
E 316	15	1	8	212	0.1	3	13	16	1	30	5	<1
E 317	8	1	9	107	0.1	3	8	20	2	30	14	<1
E 318	8	1	7	78	0.1	4	6	42	4	30	15	<1
E 319	8	1	6	88	0.1	1	7	19	1	30	13	<1
E 321	7	1	9	78	0.1	1	4	14	2	30	15	<1
E 322	11	1	6	74	0.1	3	5	28	3	30	16	76
E 323	11	1	8	51	0.1	13	4	22	4	30	16	33
E 324	11	1	8	50	0.1	11	4	26	3	30	16	185
E 325	8	1	2	46	0.1	5	3	18	3	20	12	2
E 326	7	1	4	54	0.1	2	4	26	2	30	12	<1
E 329	10	1	11	66	0.1	6	5	50	3	40	15	321
E 330	13	1	10	141	0.1	10	8	70	3	40	14	37
E 331	13	1	7	61	0.1	3	8	28	3	30	17	2
E 332	13	1	9	84	0.1	2	9	29	1	40	13	11
E 333	15	1	8	72	0.1	9	10	30	9	40	22	171

Table 21 List of the Results of Geochemical Analysis (26)

Sample No.	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Cr ppm	As ppm	Hg ppb	Li ppm	Au ppb
A 84	11	1	35	49	0.1	2	3	28	1	40	2	<1
A 85	9	1	27	52	0.1	3	3	30	1	40	8	<1
A 86	10	1	22	56	0.2	3	4	28	2	30	12	<1
A 87	9	1	22	61	0.1	3	5	32	2	30	4	<1
A 88	7	1	10	39	0.1	1	4	24	1	30	3	<1
A 89	9	1	10	62	0.1	21	12	38	2	30	7	<1
A 91	11	1	4	78	0.1	33	15	36	2	30	10	<1
A 93	8	1	2	56	0.1	9	12	42	2	20	3	<1
A 94	8	1	2	67	0.1	18	14	38	2	30	4	<1
A 95	11	1	27	351	0.1	22	8	16	7	30	20	<1
A 98	12	1	18	185	0.1	19	7	18	5	30	24	<1
A 101	13	1	49	335	0.2	8	7	22	6	30	34	<1
A 103	18	1	69	565	0.5	5	8	24	6	30	26	3
A 105	26	1	39	365	0.4	3	7	18	6	30	26	<1
A 107	7	1	6	78	0.1	10	8	20	6	30	30	<1
A 108	10	1	4	69	0.1	2	7	18	7	30	26	<1
A 110	6	1	8	60	0.1	2	6	16	5	40	18	<1
A 111	10	1	9	57	0.1	3	7	18	4	40	18	<1
A 113	6	1	5	51	0.1	2	5	16	3	40	17	<1
A 128	19	1	105	365	0.6	16	7	34	5	40	32	<1
A 132	12	1	33	945	2.1	14	1	15	6	30	128	<1
A 133	19	1	140	300	0.8	8	6	34	3	30	16	<1
A 135	20	1	188	271	1.3	6	7	36	4	30	9	<1
A 136	16	1	132	184	0.9	3	7	32	3	30	16	<1
A 137	34	1	224	300	1.3	5	13	34	7	40	24	<1
A 139	28	1	140	232	0.8	4	11	29	9	30	34	1
A 141	23	1	155	238	0.4	5	8	29	9	30	26	<1
A 143	9	1	58	24	0.8	1	1	18	2	40	22	14
A 144	9	1	67	34	0.2	2	1	22	3	40	18	<1
A 145	39	1	373	386	0.9	4	9	40	5	30	22	4
A 146	23	1	160	320	0.3	13	10	34	4	30	14	<1
A 148	10	1	105	137	0.3	7	1	20	2	20	12	263
A 149	9	1	81	50	0.1	4	1	19	4	30	26	<1
A 150	20	1	15	65	0.1	16	8	56	12	30	28	<1
A 153	20	1	17	57	0.1	16	8	54	12	30	28	<1
A 157	16	1	11	87	0.1	15	8	58	38	30	17	1
A 158	17	1	8	61	0.1	14	7	50	10	30	23	4
A 160	13	1	15	70	0.1	21	8	56	19	30	24	<1
A 164	18	1	8	64	0.1	19	7	48	7	30	20	2
A 165	20	1	7	54	0.1	11	6	44	9	30	20	2
A 169	12	1	8	44	0.1	9	4	48	11	50	17	<1
A 172	24	1	16	72	0.1	23	10	72	32	50	20	18
A 174	18	1	7	50	0.1	17	6	50	5	40	21	3
A 176	16	1	7	50	0.1	19	3	58	4	40	22	<1
A 178	18	1	3	55	0.1	16	5	50	5	20	19	3
A 179	22	1	13	43	0.1	15	14	42	11	30	24	<1
A 180	10	1	66	69	0.1	3	6	34	2	30	2	<1
A 181	16	1	135	143	0.4	3	7	28	2	30	3	<1
A 182	34	1	172	299	0.8	9	8	48	15	30	22	3
A 183	32	1	69	240	0.6	11	7	52	10	30	24	1
A 185	11	1	23	71	0.2	7	5	36	7	30	24	2
A 186	16	1	28	72	0.1	10	6	54	6	30	22	2
A 188	52	1	118	84	0.6	6	4	32	4	30	27	2
A 189	8	1	49	27	0.1	3	1	18	6	30	10	<1
A 191	131	1	475	715	2.0	5	11	30	6	1700	19	2
A 192	35	1	145	310	0.8	6	8	24	6	130	28	<1
A 193	11	1	55	1085	0.7	16	7	58	6	50	11	3
A 195	12	1	29	125	0.1	4	8	24	2	60	15	2
A 196	10	1	24	71	0.1	8	9	26	3	50	24	<1
A 197	9	1	27	88	0.1	7	8	38	2	40	24	4
A 198	12	1	21	101	0.1	11	14	24	4	60	28	<1
A 199	10	1	7	38	0.1	7	10	34	1	40	12	117
A 200	18	1	50	155	0.1	13	14	30	9	60	34	<1
A 201	11	1	9	68	0.1	10	13	34	4	60	12	<1

Table 21 List of the Results of Geochemical Analysis (27)

Sample No.	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Cr ppm	As ppm	Hg ppb	Li ppm	Au ppb
A 203	10	1	8	39	0.1	5	8	30	3	50	10	<1
A 205	10	1	5	95	0.1	6	12	22	4	50	22	<1
A 206	6	1	2	35	0.1	3	3	22	2	60	24	<1
A 208	10	1	7	23	0.1	2	4	18	4	50	25	<1
A 209	10	1	7	30	0.1	2	3	20	6	40	24	<1
A 211	22	1	2	62	0.1	14	12	30	2	30	17	<1
A 213	8	1	2	58	0.1	3	11	28	2	30	10	<1
A 215	8	1	5	47	0.1	3	9	30	3	50	8	<1
A 216	6	1	5	23	0.1	6	1	16	3	80	32	2
A 217	25	1	137	238	1.3	6	7	38	3	70	19	1
A 218	7	1	10	24	0.1	7	5	44	2	40	9	1280
A 221	10	1	8	31	0.1	8	6	42	3	30	4	5
A 224	4	1	8	24	0.1	2	5	32	1	30	5	<1
A 225	5	1	4	26	0.1	5	7	24	1	30	3	<1
A 227	10	1	4	56	0.1	7	13	28	3	50	14	<1
A 228	6	1	5	60	0.1	2	10	30	2	30	3	<1
A 231	8	1	33	35	0.1	2	3	26	3	50	18	<1
A 232	9	1	53	77	0.1	6	4	46	2	30	5	<1
A 233	15	1	39	92	0.1	6	7	34	3	30	22	<1
A 235	17	1	56	195	0.4	9	9	50	32	40	34	5
A 237	83	1	20	107	0.1	16	17	82	59	30	38	29
A 238	8	1	33	29	0.1	3	2	30	2	20	21	<1
A 239	20	1	34	82	0.2	6	12	48	6	20	9	<1
A 240	14	1	31	78	0.1	4	8	44	6	20	11	412
A 241	7	1	12	29	0.1	3	4	30	1	30	19	<1
A 244	21	1	35	95	0.1	6	11	52	7	30	27	<1
A 251	15	1	16	166	0.4	12	9	46	15	50	36	4
A 252	12	1	14	52	0.1	15	8	40	20	30	34	2
A 254	6	1	9	61	0.3	25	5	16	5	40	38	<1
A 255	10	1	12	46	0.1	9	4	30	6	40	36	11
A 257	10	1	29	21	0.1	7	3	32	4	50	28	<1
A 258	8	1	7	70	0.2	9	6	25	3	40	34	3
A 259	5	1	19	44	0.2	4	5	26	3	40	34	77
A 260	8	1	5	27	0.1	6	3	26	5	30	32	<1
A 262	9	1	11	21	0.1	10	4	36	2	30	32	<1
A 264	16	1	13	52	0.1	12	7	64	20	30	24	4
A 265	17	1	26	53	0.1	15	8	78	35	40	22	<1
A 266	17	1	11	48	0.1	11	7	66	6	50	28	<2
A 267	33	1	22	305	0.1	30	17	86	9	40	26	<1
A 268	31	1	28	105	0.1	27	24	84	10	50	21	<2
A 270	51	1	413	154	0.2	7	8	28	14	30	22	<1
A 272	30	1	81	87	0.3	10	9	54	22	30	26	3
A 273	22	1	78	16	0.1	19	1	58	24	40	19	2
A 274	20	1	50	26	0.2	3	1	64	33	30	12	6
A 275	10	1	60	24	0.1	1	1	12	2	30	17	<1
A 276	42	1	205	72	0.2	14	2	46	24	40	24	3
A 277	7	1	138	54	0.1	2	1	13	2	30	19	<1
A 278	10	1	110	45	0.2	9	1	22	2	30	18	<1
A 279	13	2	9	54	0.1	14	13	48	2	40	10	<1
A 280	7	1	25	92	0.1	3	9	30	2	30	15	<1
A 281	8	1	6	85	0.1	10	8	34	2	30	16	8
A 282	8	2	10	144	0.1	10	13	48	1	30	11	2
A 283	8	1	7	88	0.1	9	12	32	2	30	22	<1
A 284	6	1	6	44	0.1	10	8	40	2	20	2	<1
A 285	14	1	28	90	0.1	6	10	36	4	30	12	<1
A 286	6	1	15	10	0.1	2	1	28	4	30	21	<1
A 287	8	1	7	9	0.1	6	1	27	17	60	20	3
A 288	12	1	40	135	0.1	9	5	34	2	40	5	<1
A 289	9	1	11	64	0.1	9	7	32	2	30	10	<1
A 290	7	1	12	64	0.1	7	8	48	3	30	7	<1
A 291	12	1	14	58	0.1	4	7	30	2	30	8	<1
A 293	13	1	68	30	0.1	4	1	32	6	40	12	<1
A 210	7	1	6	36	0.1	4	7	33	1	30	4	<1
A 175	16	1	6	50	0.1	13	7	56	5	40	24	<1

Table 21 List of the Results of Geochemical Analysis (28)

Sample No.	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Cr ppm	As ppm	Hg ppb	Li ppm	Au ppb
B 473	17	1	5	39	0.1	12	10	68	6	40	7	1660
B 474	25	2	8	58	0.1	18	12	92	16	40	19	2
B 475	20	1	4	65	0.1	9	10	94	4	30	6	<1
B 476	15	1	6	75	0.1	8	14	68	4	30	5	<1
B 477	74	1	18	137	0.1	20	25	60	32	30	30	4130
B 478	80	1	13	123	0.1	30	29	94	27	30	28	5
B 479	44	1	6	128	0.1	23	29	74	10	30	2	4
B 480	93	1	7	107	0.1	21	29	68	39	40	32	5
B 481	43	1	65	245	0.2	14	12	42	4	30	30	5
B 482	74	1	9	106	0.1	15	23	58	4	40	22	<1
B 483	67	5	18	126	0.1	13	21	42	57	40	34	5
B 484	95	1	9	105	0.1	11	18	86	57	40	37	1050
B 485	78	1	43	179	0.2	18	21	64	53	30	38	2340
B 158	24	1	10	57	0.1	35	11	48	4	30	19	2
B 159	26	1	12	71	0.1	14	12	40	5	40	17	<1
B 162	25	1	9	58	0.1	13	10	40	4	50	20	1
B 163	118	1	1	48	0.1	16	11	90	4	80	15	7
B 169	18	1	18	46	0.1	11	9	38	7	60	20	2
C 297	72	1	7	118	0.1	25	28	86	5	50	25	3
C 301	121	1	5	119	0.1	23	35	100	7	50	23	3
C 302	68	1	2	102	0.1	17	26	90	6	40	30	2080
C 305	94	1	28	167	0.1	18	29	98	19	40	28	<2

Table 22 Average Amounts of the Elements in Crustal Rocks

unit : ppm

Element	Crustal Average	Granite	Basalt	Shale
Cu	50	12	72	42
Mo	1.5	2	1.5	2
Pb	10	18	4	25
Zn	80	51	94	100
Ag	0.05	0.04	0.1	0.2
Ni	75	4.5	130	68
Co	25	1	48	79
Cr	100	4	170	90
As	2	2.1	1.5	12
Hg	0.02	0.08	0.01	0.4
Li	30	40	17	66
Au	0.003	0.0023	0.0032	0.004

Part 5

CONCLUSION AND RECOMMENDATION

Part 5 CONCLUSION AND RECOMMENDATION

Chapter 1 Synthetic Consideration

1-1 Relation between Geologic Structure and Mineralized Zone

As repeatedly memtioned in this report, the two major fault systems of NW-SE and NE-SW are predominated in the reconnaissnce survey area. On the other hand, the distribution pattern and intrusive shapes of the granitoids and of the andesites, notably distributed especially in the southeastern part of the reconnaissance survey area, appear to reflect the inferred deep fractures trending the same directions as those major fault systems. For instance, the quartz diorite in the downstream of S. Senawar and the granite porphyry at Bt. Raja elongate both in NW-SE directon. The granite porphyry in the southern part of Pulaukidak and the quartz monzonite in the detailed survey area seem to be controlled by two structural trends of the NW-SE and the NE-SW. Though the andesites in the southern part are arranged mainly in NE-SW direction, these shape are suggestive of possible involvement of the two directonal fractures.

As shown in the geological map, those two fault systems trending NW-SE and NE-SW are apparlently young, because these faults have displaced up to the S. Minak Formation. However, many examples of active faults reveal that such faults have not been always created recently, even though they have activated recently.

Some active faults are sometimes of very long-life, and other someones are also called a rejuvenated fault. In the islands of the mobile belt such as Japan and Sumatra, this kind of active faults exist commonly. The Great Sumatra Fault is the typical case of them. The Fault began to be active at latest during Middle Cretacous accompanying with a graben with vertical movement, and were involved in the folding movement during middle Miocene. They have then been again active as a strike-slip fault since early Pleistocene up to the present (KATILI and HEHUWAT, 1967).

The Great Sumatra Fault trending N40° W - S40° E runs through about 23 Km southwest of the reconnaissance survey area. The Fault is accompanied by a numbre of minor fault running in parallel. The NW-SE faults in the survey area constitute possibly a part of those parallel faults. It is evident that they are of tectonic fractures at depths, since they accompany with the volcanic front of the Sumatra Islanad.

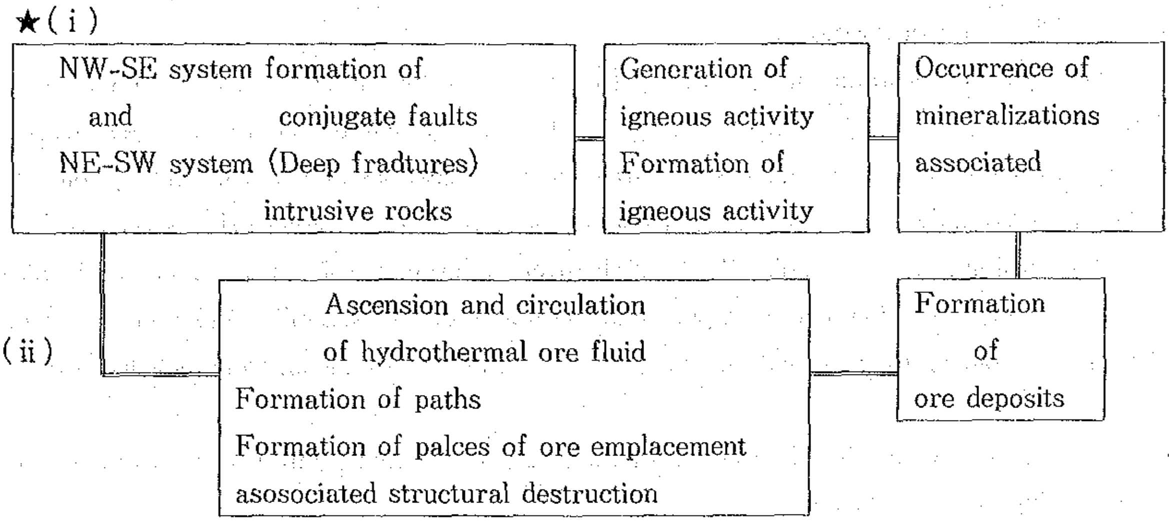
If it is supposed that the reconnaissance survey area has been situated at such tectonic movement place since Middle Cretaceous up to the present, it would reasonably be assumed that all the stratum and intrusive rocks in the survey area have signifcantly been affected by the related tectonic movements, and that the stratum of sedisedimentary basins, especially of the S. Kuwis Formation and its upper formations as well as the places of the igneous activities, have largely been controlled by those tectonic movements.

On the other hand, the NE-SW faults in the survey area is considered to be conjugated with the NW-SE fault discussd above. It is supposed that the NW-SE fault are typically of left-lateral slip, while the NE-SW faults are suggested to be mainly of right-lateral slip, although the slips are unclear. The NW-SE faults mostly cut the NE-SW faults, but a NW-SE fault is cut ocasionally by a NE-SW fault running along S. Rawas in the detailed area. The fact may indicate that the above two fault systems are mutually in conjugate relation.

The intrusive rocks in the reconnaissace survey area could have been intruded, controlled essentially by the two deep-fracture systems of the NW-SE and the NE-SW directions. If it is inferred that the igneous intrusive activities are controlled by the two predominat fault systems, considering emplacement place,distribution, and shape of intrusive rocks, it is also indicated that the mineralizations associated with those intrusive rocks have taken place, controlling directly and indirectry by the two fault systems.

The two fault systems have repeatedly been activated, thus they might act as favourable paths for ascension or circulation of hydrothermal fluids brought the mineralizations. Especially the junction parts of the two fault systems would become a most suitable place for the mineralizations. Fracturing caused by the faults would also lead to provide some favourable places of the ore emplacement. The detailed survey area is very suitable place for emplacement of the mineralizations, in view of the fact that such two structural directions coexist and intrusive quartz monzonite and limestone are present. Area of Bt.Raja to Pulaukidak bounded by the S. Seri and the S. Menalu is situated at the similar situation,where two tectonic lines coexist and granitic rocks are also distributed. This would be reason why many ore indications are known to occur in this area.

As evident from the above mentioned, the preesence of the two fault structures ofthe NW-SE and the NE-SW systems is significant on the development of the mineralization zones (mineral indecations) in the recconnaissance survey area. Especially, in such places where the two faulting structures are present and granitic rocks intrude, relatively intense mineralizations are recognized. The mechanism of participation of the fault structurs in the mineralizations may be summarized as the processes i and ii in the following scheme.



1-2 Relation between Geochemical Anomaly and Mineralized Zone

Relations in distribution between the mineral indications confirmed by geological survey and the anomaly areas extracted by geochemical survey are as follows.

a) Among 46 mineral indications and 47 geochemical anomaly areas, 21 areas correspond in distribution to each other.

b) The 21 areas are divided into as following by element : 5 areas in 11 Cu-Zn-Pb anomaly areas, 9 areas in 20 Au-Ag-Hg anomaly areas, 2 areas in 5 Li-Mo anomaly areas, 1 area in 4 As anomaly areas, and 2 areas in 9 Ni-Co-Cr anomaley areas. Among these, the As and Ni-Co-Cr anomaly areas (㉚, ㊹, ㊺) contain anomaly values for one of Cu, Pb and Zn.

c) The 21 areas are classified into A, B and C by rank as follows: namely all of 4 areas of rank A, 8 areas in 14 areas of rank B, and 9 areas in 29 areas of rank C. The corresponding ratio between the classification and number of mineral indications decreases with lowering from A rank to B rank.

d) Among the 21 geochemical anomaly areas corrseponding to the mineral indications, the rank B anomaly areas of Cu-Zn-Pb or Li-Mo are only 3 areas of S. Kerali(①), S. Temiang(㉘), and BT. Ipuh(㊷, southeast of the detailed survey area).

On the contrary, three anomaly areas (⑧, ⑫, ㉛) uncorresponded to mineral indications among rank B of Cu-Zn-Pb or Li-Mo contain no significantly-high anomalous value, though the number of the anomaly values exceeds 5 in a area. The anomaly areas extend both sides of the surveyed streams, but the areas have been undergone very weak mineralized alteration in contrast with alteration of the mineral indication area.

The result of the above mentioned fact suggests that the former areas (①, ㉘ and ㊷) are higher-promising in potentiality of ores than the latter areas (⑧, ⑫ and ㉛).

e) The anomaly areas 6 and 24, distributed in only tributary of one side of the main stream are not correlated with mineral indication, and they are all of rank C.

f) In contrast to the above d) and e), the 24 mineral indications which are not extracted as geochemical anomaly areas are mostly of weak mineralized alteration, suggesting the absence of promising Cu-Pb-Zn mineralizations.

Comparing the mineralization zone [I] with [II], it is found that in the former zone the mineral indications of [1], [3], [4], [5], [8], [9], [12], [13], and [14] always correspond to some geochemical anomaly areas, while in the latter zone only the three mineral indications of [17], [22], and [23] coincide with geochemical anomaly area. In this connection, the mineralization zone [II] is regarded as congregated mineral indications trending WNW-ESE through the geological survey, but a geochemical anomaly zone distributed along S. Kuwis and S.Labi with the NE-SW extention is rather characteristic, considering the geochemical anomaly distribututiön to southeast from the mineralization zone.

As a result of the comparing distribution of the mineral indications with geochemical anomaly areas, the follwings are concluded.

a) In the case of the mineralization mainly of Cu-Pb-Zn, S. Kerali (①), S.Temiang (㉘) and Bt.Ipuh (㊷) areas are the most promising areas. Among these, the S. Temiang (㉘) area belongs to the mineralizatione [II] and consists of three mineral indications, while the S. Kerali area (①) includes only one narrow mineral indication. The Bt.Ipuh (㊷) continues to the detailed survey area, but its distribution of mineral indication and geochemical anomaly areas are rather small in scale as compared with those of the detailed survey area.

b) In the case of the mineralization of mainly gold, there are four geochemical anomaly areas of rank A, and they are accompanied by some mineral indications, supposing as promising area. However,the mineral indications is narrow in area as compared with the geochemical anomaly areas, and the alteration associated with mineralization is also assumably very weak.

Chapter 2 Conclusion and Recommendation

2-1 Conclusions

The result of the geological and geochemical surveys of the initial phase for the the Cooperative Mineral Exprolation in the southern Sumatra are summerized as follows ;

(1) Reconnaissance Survey Area

46 mineral indications including simple silicification were found in the reconnaissance survey area. Among these, the 25 mineral indications are extracted on the basis of the emplacement condition, namely considering their concentrating distribution and mineralization related to and associated with intrusive rocks, and they are grouped into Zone I and Zone II depended on their distribution.

The Zone I consists of 15 mineral indications and the Zone II of 10 mineral indications. The Zone I is considered to be related to granitic rocks, sporadically distributed in the area from Bt. Raja to the southern part of Pulaukidak.

The Zone consists of 6 mineral indications of skarn type, 1 mineral indication of copper-molybdenum dissemination type and 8 mineral indications of pyrite dissemination type. They are mostly embedded in rocks of the S. Rawas Formation and some in the granitic rocks themselves. Radiometric ages indicate the granitoids to be 51.9 ± 2.6 Ma and 54.1 ± 2.7 Ma, suggesting its activities during Eocene to Paleocene. Two fault-systems trending NW-SE and NE-SW are predominately interpreted by the distribution and shapes of the granitoid rocks in the survey area.

Mineral indications in the Zone II are presumably related to intrusion of the quartz diorite in the downstream area of S. Senawar, but are exclusively of pyrite-dissemination type. The mineral indications are embedded in the S. Kuwis Formation. The quartz diorite has been dated as 83.6 ± 4.2 Ma by radiometric age determination, and is correlated to late Cretaceous. This granitoids tend to elongate in NW-SE direction, but it is not clear that the granitoids have intruded controlling by fault of NE-SW system.

The other 21 mineral indications are all of pyrite-dissemination type. However they are distributed sporadically at places, and are not economically regarded as important mineralization .

The geochemical survey reveals that notable copper, zinc and lead anomalies are distributed in the vicinity of S. Simpang of the southern margin of the detailed survey area, and slightly-weak anomaly area is also recognizsed in the vicinity of S. Temiang near Plaukidak. The gold anomalies are recognized at places in the survy area, but they are rather sporadically present in occurrnence.

As mentioned above, it is pointed out that the zone from Bt.Raja to Plaukidak in the Zone II is possessed of favourable geological and tectonical condition for mineralization. Thus it is expected that its potentiality and characteristic are unravelled by further investigation in the zone II.

(2) Detailed Surrey Area

Among the three known mineral indications, the S. Tuboh mineral indication is a high grade lead-zinc-silver ore deposit of skarn type, and is probably the most promising arget for further prospecting in the project area. The ore deposit is emplaced in limestone of the S. Rawas Formation and quartz monzonite intruded into the limestone, being associated with skarn minerals mainly of hedenbergite-garnet. Since the ore deposit is embedded at junction parts of the limestone and the quartz-monzonite, it is supposed that the scale of the deposit, especially its strike extention, depends on the extention of the junction parts. Thus, if the quartz-monzonite has been finely branched to intrude as thin dykes in the limestone bed, the deposit would be enlarged possibly in thier scale (width and thickness).

The mineral indications are exposed at the two sites of old shaft and of two outcrops, and their possible range of ore emplacement would reach 700 m in extention along quartz monzonite intrusive body. The riched ore parts may be comprised as several units of ore body (bonanza) in the mineralized zone. Quite few data as to their depths are available at the S. Tuboh mineral indication, except a record of the ore occurrence from the 34m deep old shaft in description by BEMMELEN(1970). The data of the old drillings are of no use, because their locations, depths and inclinations are unavailable in the report. Therefore, in future surveys, unravelling to the depths part of the ore deposit would be indispesable.

The other two mineral indications in the detailed survey area, namely the S. Kering and the S. Sepan mineral indications, consist of low-grade quartz boulders scattered in earthy limonite soils. They have been supposedly formed by a series of mineralization accompanied with the S. Tuboh mineral indication, through any conclusive corroboration is not present. There is also no evidence that they are of skarn type. The mineral indications may be either of weathered breccia-type or of "redeposition parts" type derived by moving collapsed breccia-type ore. In the former case, they are exactly of in situ formation. On the other hand, in the latter case they are considered to have been derived from some breccia-type ore deposits probably embedded in quartz monzonites. The quartz boulders consist of very fine-grained grayish quartz aggregates contained dissemination of fine pyrites, and the quartz could be formed apparently at low temperature.

The quartz monzonites in the detailed survey area have intruded largely controlling by faults (fractures) trending NE-SW, and also affecting by some NW-SE faults at northeast part of the intrusion, according to its intrusion shape. The quartz monzonites and the porphyritic quartz monzonites penetrating the former have undergone extensively mineralizations such as pyrrhotite dissemination. Radiometric age odetermination indicates the porphyritic quartz monzonites to be 40 ± 2.0 Ma, showing a slightly older age than the time of the S. Tuboh mineralization, corrseponding to late Eocene to early Oligocene.

Finally, it is concluded that, in the detailed survey area, the S. Tuboh mineral indicateion is the most promising target area for future prospecting, and it is expected to unravel detailedly their emplacement condition in the deep part.

2-2 Recommendation for the Second Phase Survey

(1) Target Mineralization Zone in the Second Phase Survey

The following two mineralization zones are recommendable for the second phase survey through conplehensive investigation of the inithial phase survey.

① The Zone I mineralization zone and its vicinity area including the mineral indications distributed sporadecally from Bt. Raja to the southern part of Pulaukidak.

② The S. Tuboh indication

(2) Survey Background

a) The Zone I mineralization zone and its neghbouring area

Since the mineral indications were found as only showing or geochemical anomalies on the surface in the mineralization zone, it is important to unravel characteristics of the mineral indications by detailed investigation. The mineral indications are closely embedded with granitoid rock, thus it is required to figure out the intrusion shape of granitoid rocks in more detail. In addition to those, it is also necessary to clarifify undergraound structure related to granitoid intrusion and mode of emplacement of granitoid rock.

b) The S. Tuboh mineral indication

It is recommendable to excecute prospecting for not only its lateral extention but also its deeper extention in order to evaluate the potentiarity of the S.Tuboh ore deposit.

Table 23 Relation between Geochemical Anomalies and Mineral Indications

Element	Rank			total
	A	B	C	
Cu-Pb-Zn	0/0	3/4	3/5	6/9
Au-Ag-Hg	4/4	5/8	2/8	11/20
Mo-Li	0/0	0/2	1/3	1/5
As	0/0	0/0	1/4	1/4
Co-Ni-Cr	–	–	2/9	2/9
total	4/4	8/14	9/29	21/47