

CHAPTER 2 RECOMMENDATIONS FOR THE SECOND PHASE

It is recommended that the following work be conducted in the promising areas delineated above (Fig.4-1).

In the four localities of Zone B, epithermal gold mineralization is anticipated in the gold showings of the alteration zones which were identified by geological and geochemical surveys. The hydrothermal gold mineralization is expected to extend both horizontally and vertically. Here, detailed geological survey would clarify the distribution and extent of the alteration zone and the investigation of the heavy minerals of the vicinity will locate the position of the gold mineralization. On the basis of the findings of these work, inclined drilling should be carried out in order to clarify the state of subsurface mineralization.

Regarding the Dikmen Granite of Zone C, geophysical prospecting should be carried out together with detailed geological survey and geochemical prospecting. The detailed geological survey would clarify the distribution and the conditions of gold occurrence, argillized zones and skarnization. The geochemical work will clarify the two types of mineralization.

By geophysical methods, the subsurface extent of mineralization from the outcrop downward would be shown by delineating the low resistivity zone and FE anomalies by IP, then detailed SIP work is expected to provide the necessary information.

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LANDSAT E-S1166-08154 11MAY1987 C N40-20/E027-06 U181-32 SUNI EL 56 AZ 124 TM 457
 26° 15' 0 27° 45'

50 km

Photo. 1 False Colour Image of the Full Scene (Band 4:blue • 5:green • 7:red)

LANDSAT E-51166-08154 11MAY1987 D181-32 SUN EL 56 AZ 124 TM 457

26° 45'

27° 15'



40° 30'

40° 15'

40° 15'

40° 00'

40° 00'

39° 45'

26° 15'

LANDSAT E-51166-08154 11MAY1987 D181-32 SUN EL 56 AZ 124 TM 457

27° 15'

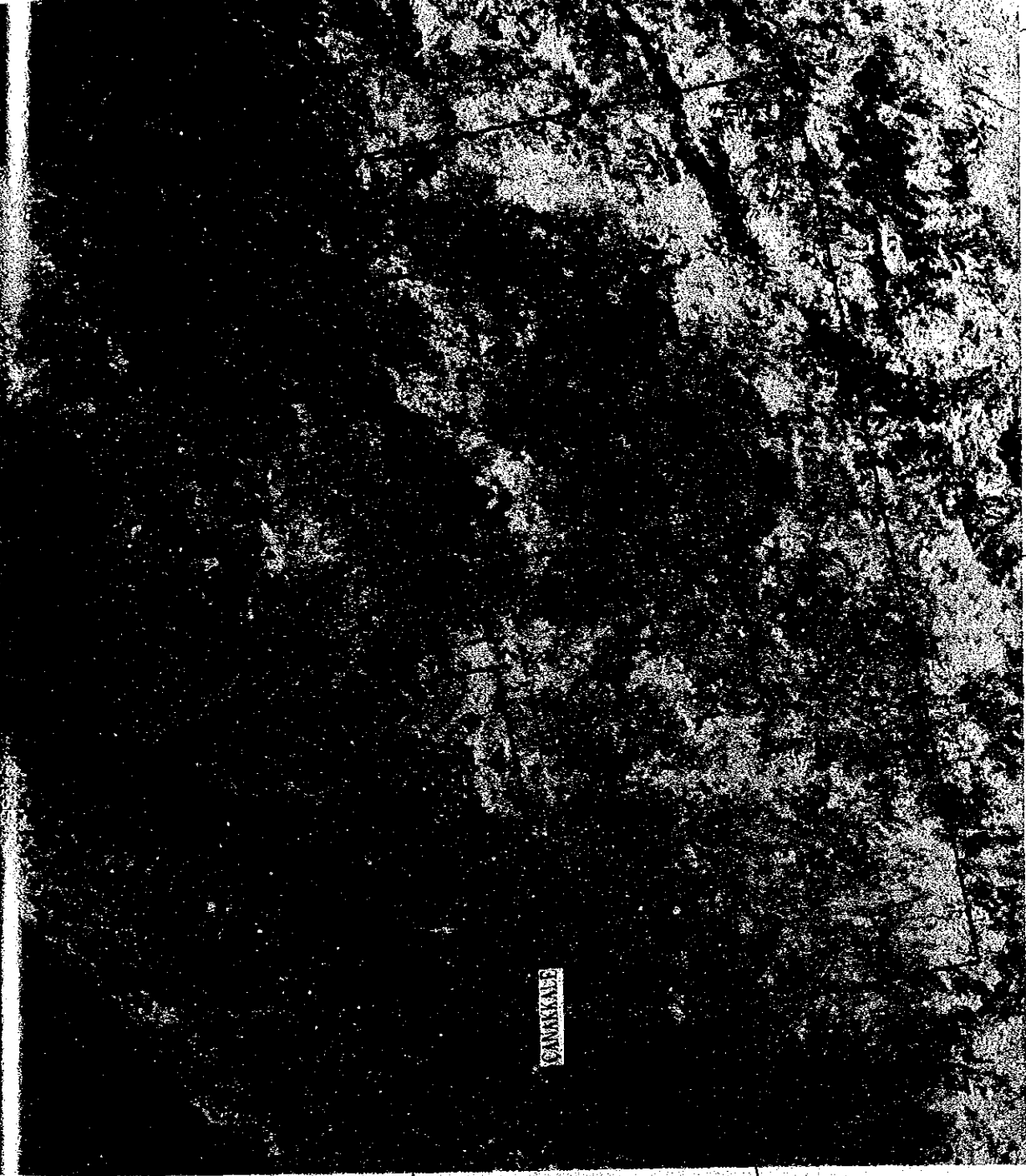
20 km

Photo. 2 False Colour Image of the Çanakkale Area (Band 4:blue • 5:green • 7:red)

AMERICAN PHOTOGRAPHIC SERVICE, INC. "IMAGE PROCESSING FACILITY"

26° 45'

27° 15'



40° 30'

40° 15'

40° 00'

40° 15'

40° 00'

39° 45'

26° 15'

27° 15'

20 km

LANDSAT E-54166-08154 11MAY1987 D181-32 SUN EL 56 AZ 124 TM 3/15/45/7

Photo. 3 Ratio Image (Band 5/7:blue • 5/4:green • 3/1:red)

LANDSAT 1/28/87 11:54 AM

28° 45'

27° 15'

40° 15'

40° 00'

38° 45'



LANDSAT

40° 30'

40° 15'

40° 00'

28° 15'

LANDSAT E-51166-08154 11MAY1987 D181-32 SUN EL 56 AZ 124 TM 3/15/45/7

27° 15'

20 km

Photo. 4 Ratio Image (Band 5/7:red • 5/4:green • 3/1:blue)



Photo. 5 Geologists participated in Field Survey

Rear row	Hasan BATIK	Sinan ORBAY	Ahamet KARA	Nizamettin ÇETINKAYA	Hakan SAKA	Hisashi MIZUMOTO
Front row	Turhan ALPAN	Assistant	Kazuyasu SUGAWARA	Ken Obara	Necmi YUCE	Tetsuo SATO (Taking photo.)

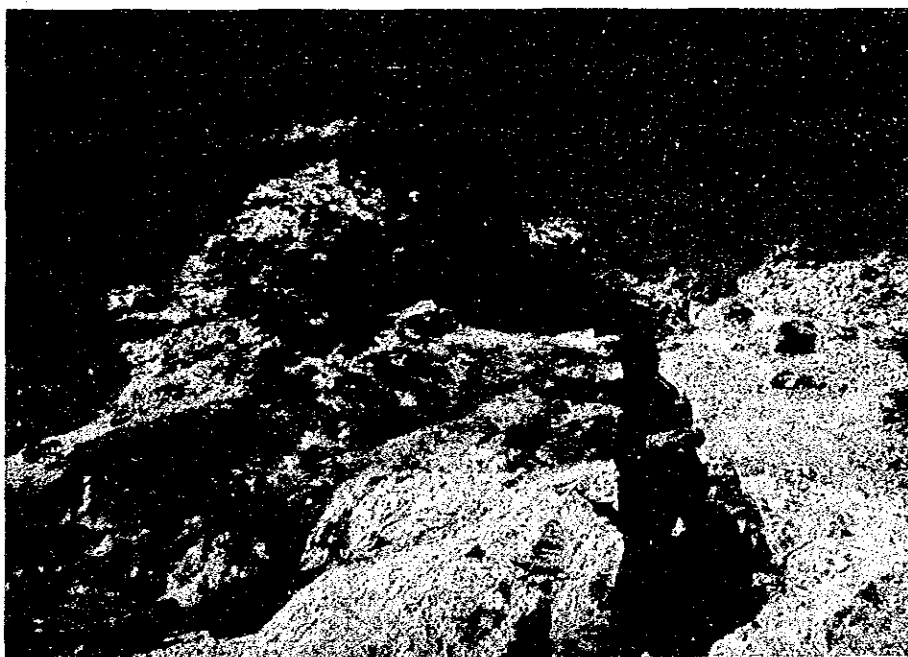
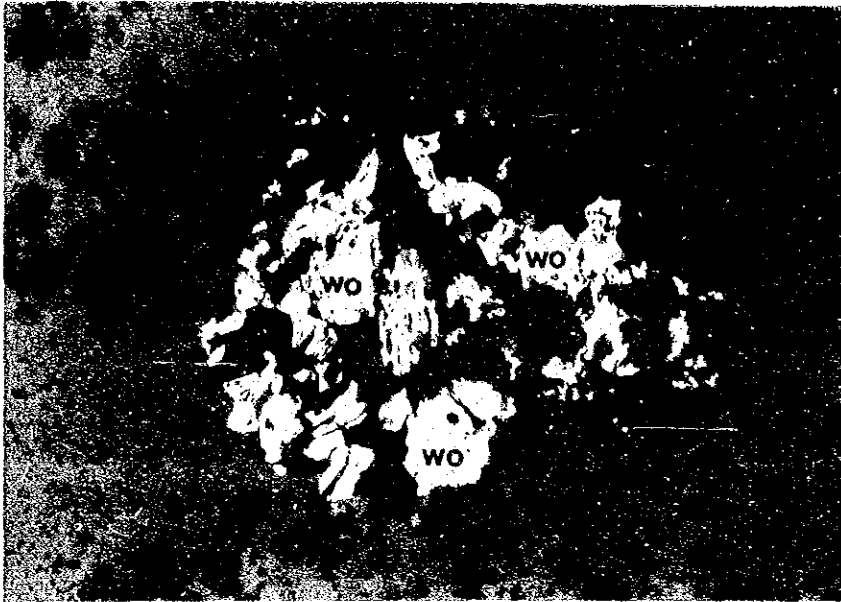


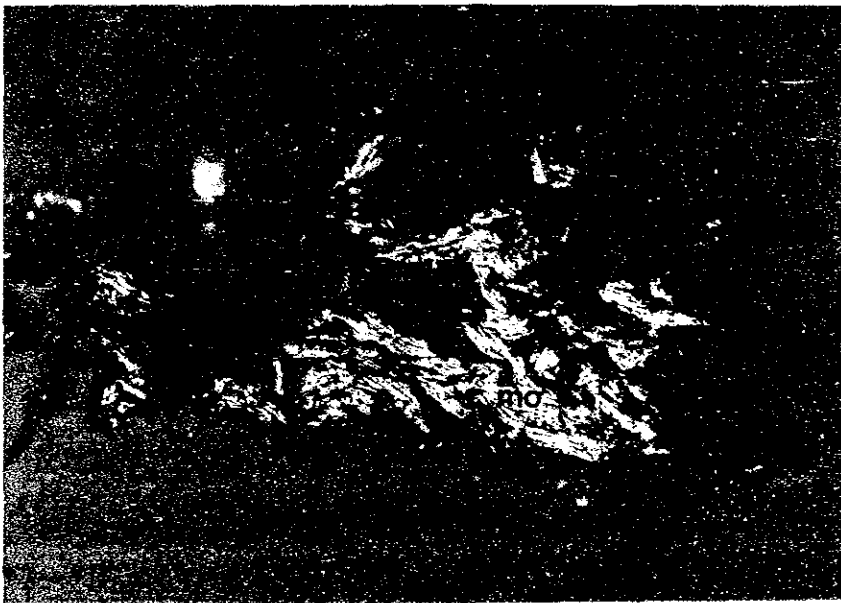
Photo.6 Silicified and argillized zones in the Şapçı Volcanics
(Gold grains found by heavy mineral investigation)
(Karaibrahimler Village)



Sample No. : KB006
Locality : Yaylayurt Dere
Rock Name : Tungusten ore

wo:wolframite

0 0.2mm



Sample No. : HB012
Locality : Domuzdamı Dere
Rock Name : Tungusten ore

mo:molybdenite

0 0.2mm

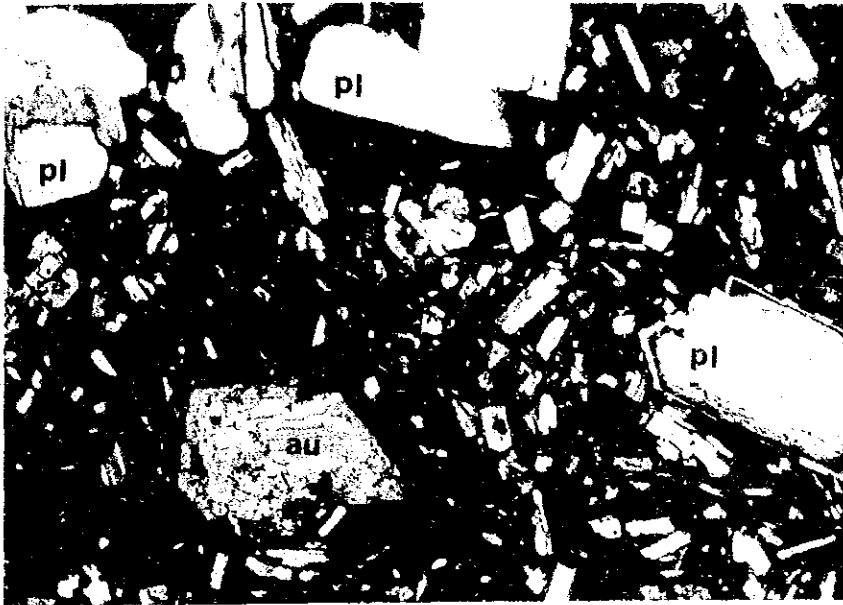


Sample No. : SR038
Locality : Sıgırırek Dere
Rock Name : Stibnite ore

st:stibnite

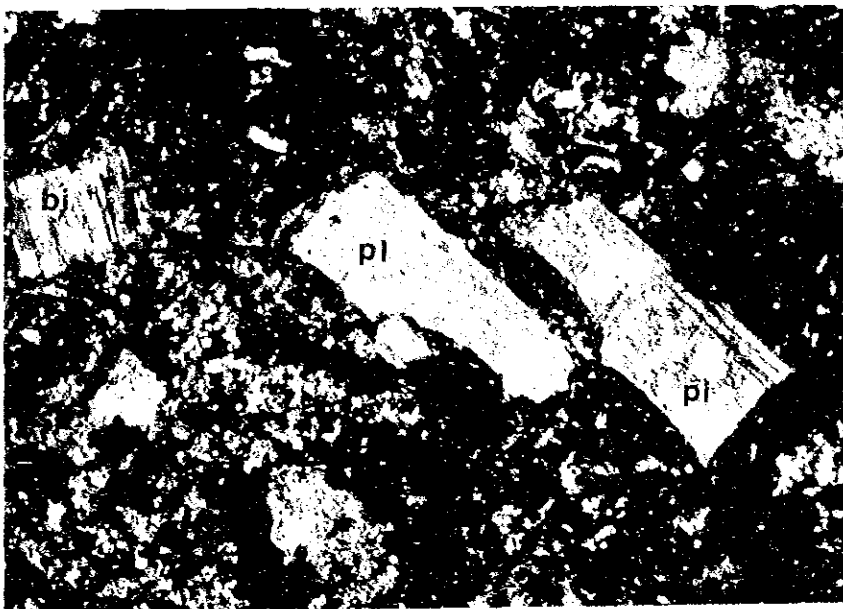
0 0.2mm

Photo. 7 Microscopic photograph(Polish Section)



Sample No. : TS078
 Locality : Komut Tepe
 Rock Name : Andesite
 (Şapçı Volcanics)

pl:plagioclase, au:augite
 Cross nicols



Sample No. : AK026
 Locality : Northwest of
 Osmanlar Mah

Rock Name : Andesite
 (Çamyayla Volcanics)

Mafic mineral-chlorite & epidote
 bi:biotite, pl:plagioclase
 Cross nicols



Sample No. : HB036
 Locality : Domuzdamı Dere
 Rock Name : Granodiorite
 (Dikmen Granite)

kf→chlorite & epidote
 bi:biotite, pl:plagioclase
 q:quartz, kf:k-feldspar
 Cross nicols



Photo. 8 Microscopic Photograph (Thin Section)

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Table 1 Chemical Analyses of Stream Sediments (1)

Sample No.	Au (ppb)	Ag (ppm)	As (ppm)	Hg (ppb)	Sb (ppm)	Se (ppm)	F (ppm)	Tl (ppm)
1: JT 001	<10	0.4	11	100	0.9	0.2	390	0.4
2: JT 002	<10	1.2	19	310	3.0	0.2	360	0.5
3: JT 003	205	0.5	2100	280	26.0	0.2	250	2.1
4: JT 004	30	0.1	1000	180	18.4	0.2	240	1.3
5: JT 005	<10	0.1	55	290	3.0	0.2	430	0.8
6: JT 006	<5	0.1	160	360	11.2	0.2	900	1.4
7: JT 007	<5	0.1	38	270	2.9	0.2	760	0.6
8: JT 008	<10	0.1	19	80	0.9	0.2	590	0.3
9: JT 009	<10	0.1	38	190	4.2	0.2	590	0.4
10: JT 010	<5	0.1	100	230	4.2	0.2	1100	1.1
11: JT 011	<10	0.1	63	330	6.9	0.2	750	0.8
12: JT 012	<5	0.1	27	230	0.8	0.2	330	0.3
13: JT 013	<10	0.1	7	80	0.1	0.2	290	0.1
14: JT 014	<5	0.1	6	120	0.1	0.2	210	0.1
15: JT 015	<5	0.1	6	100	0.1	0.2	260	0.1
16: JT 016	<5	0.1	9	75	0.1	0.2	310	0.2
17: JT 017	<5	0.1	6	60	0.1	0.2	250	0.1
18: JT 018	<5	0.1	7	90	0.1	0.2	290	0.1
19: JT 019	<5	0.1	4	60	0.1	0.2	190	0.1
20: JT 020	<5	0.1	29	60	0.1	0.2	330	0.2
21: JT 021	<5	0.1	75	60	0.1	0.2	300	0.3
22: JT 022	<5	0.1	90	110	0.2	0.2	390	0.3
23: JT 023	<5	0.1	22	120	0.1	0.2	350	0.2
24: JT 024	<5	0.1	100	140	0.4	0.2	360	0.3
25: JT 025	10	0.1	39	160	1.3	0.2	450	0.3
26: JT 026	<5	0.1	33	150	1.6	0.2	390	0.3
27: JT 027	<5	0.1	10	120	0.1	0.2	540	0.2
28: JT 028	<5	0.1	63	120	0.6	0.2	350	0.3
29: JT 029	<20	0.1	110	110	0.9	0.2	340	n.s.s.
30: JT 030	<5	0.1	19	100	0.2	0.2	370	0.1
31: JT 031	10	0.1	9	110	0.1	0.2	380	0.1
32: JT 032	<10	0.1	11	190	0.1	0.2	340	0.1
33: JT 033	<10	0.1	10	190	0.1	0.2	310	0.1
34: JT 034	<5	0.1	11	170	0.1	0.2	370	0.1
35: JT 035	<10	0.1	10	250	0.1	0.2	340	0.1
36: JT 036	<5	0.1	79	160	0.1	0.2	340	0.1
37: JT 037	<10	0.1	11	160	0.1	0.2	400	0.1
38: JT 038	15	0.1	16	180	0.6	0.2	410	0.1
39: JT 039	40	0.1	14	210	0.7	0.2	480	0.1
40: JT 040	15	0.1	19	170	0.6	0.2	400	0.1
41: JT 041	<5	0.1	14	150	0.6	0.2	460	0.1
42: JT 042	<5	0.1	9	80	0.1	0.2	400	0.1
43: JT 043	<10	0.1	7	110	0.1	0.2	250	0.1
44: JT 044	<5	0.1	7	120	0.1	0.2	240	0.1
45: JT 045	10	0.1	7	4700	0.1	0.2	300	0.1
46: JT 046	<5	0.1	7	80	0.2	0.2	240	0.1
47: JT 047	<5	0.1	6	110	0.1	0.2	300	0.1
48: JT 048	<5	0.1	10	70	0.1	0.2	270	0.1
49: JT 049	<5	0.1	7	130	0.1	0.2	300	0.1
50: JT 050	<5	0.1	9	150	0.1	0.2	420	0.1

(Sample location is shown in Plate 16)

Table 1 Chemical Analyses of Stream Sediments (2)

Sample No.	Au (ppb)	Ag (ppm)	As (ppm)	Hg (ppb)	Sb (ppm)	Se (ppm)	F (ppm)	Tl (ppm)
51: JT 051	<5	0.1	15	160	0.2	0.2	260	0.1
52: JT 052	<5	0.1	9	80	0.1	0.2	240	0.1
53: JT 053	<5	0.1	12	190	0.1	0.2	340	0.1
54: JT 054	<5	0.1	10	100	0.1	0.2	350	0.1
55: JT 055	<5	0.1	10	160	0.1	0.2	360	0.1
56: JT 056	<10	0.1	6	60	0.1	0.2	260	0.1
57: JT 057	<5	0.1	6	50	0.1	0.2	280	0.1
58: JT 058	<10	0.1	7	100	0.1	0.2	260	0.1
59: JT 059	<5	0.1	6	100	0.1	0.2	290	0.1
60: JT 060	<5	0.1	9	150	0.1	0.2	220	0.1
61: JT 061	<5	0.1	7	80	0.1	0.2	250	0.1
62: JT 062	<5	0.1	7	480	0.1	0.2	280	0.1
63: JT 063	<10	0.1	35	98	0.9	0.2	320	0.6
64: JT 064	<10	0.1	29	50	0.1	0.2	420	0.5
65: JT 065	20	0.1	36	60	0.4	0.2	310	0.5
66: JT 066	<10	0.1	17	50	0.1	0.2	290	0.6
67: JT 067	<5	0.1	36	50	0.6	0.2	290	0.5
68: JT 068	<10	0.3	38	60	2.0	2.2	770	2.0
69: JT 069	<10	0.1	30	70	1.0	0.2	490	0.7
70: JT 070	<10	0.1	43	90	0.5	0.2	350	0.4
71: JT 071	<10	0.1	48	90	2.8	0.2	270	0.7
72: JT 072	<5	0.1	20	80	1.6	0.2	310	0.4
73: JT 073	<5	0.1	30	70	1.5	0.2	480	0.3
74: JT 074	<5	0.1	11	50	0.2	0.4	360	0.7
75: JT 075	10	0.1	33	80	2.3	3.2	520	1.3
76: JT 076	<10	0.1	24	60	0.9	2.0	480	1.5
77: JT 077	<10	0.1	32	180	2.4	2.0	380	1.5
78: JT 078	<5	0.1	16	80	0.8	0.8	500	1.0
79: JT 079	<5	0.3	35	90	1.0	0.8	330	1.0
80: JT 080	<10	0.1	9	40	0.1	0.2	330	0.2
81: JT 081	<5	0.1	17	60	0.4	0.2	320	0.4
82: JT 082	<10	0.5	20	60	0.6	0.2	320	0.6
83: JT 083	<10	0.1	9	50	0.3	0.4	230	0.6
84: JT 084	<10	0.7	27	80	0.9	0.6	300	0.6
85: JT 085	<5	0.1	38	90	2.4	2.8	390	0.9
86: JT 086	<5	0.1	67	130	2.0	1.8	310	0.7
87: JT 087	<10	0.1	67	90	2.6	2.0	200	0.5
88: JT 088	<10	0.1	48	120	2.3	1.2	310	0.9
89: JT 089	<10	0.1	63	110	2.0	1.6	260	0.7
90: JT 090	<10	0.1	61	70	2.2	1.6	240	0.9
91: JT 091	<10	0.1	39	60	1.4	1.8	220	0.7
92: JT 092	<10	0.3	45	110	1.6	1.6	270	0.8
93: JT 093	<10	0.1	45	90	2.2	3.0	320	0.8
94: JT 094	<5	0.1	38	60	2.6	1.8	280	0.5
95: JT 095	<5	0.1	38	60	2.1	1.6	320	0.9
96: JT 096	<10	0.1	39	60	1.7	1.8	290	0.7
97: JT 097	<10	0.1	12	40	0.2	3.2	400	0.6
98: JT 098	<10	0.1	33	70	1.7	2.8	420	0.9
99: JT 099	<10	0.1	33	100	1.2	4.0	370	0.8
100: JT 100	<10	0.1	41	60	1.6	0.2	420	0.6

Table 1 Chemical Analyses of Stream Sediments (3)

Sample No.	Au (ppb)	Ag (ppm)	As (ppm)	Hg (ppb)	Sb (ppm)	Se (ppm)	F (ppm)	Tl (ppm)
101: JT 101	<10	0.1	35	60	0.7	0.2	300	0.6
102: JT 102	<5	0.1	22	50	0.1	0.2	500	0.7
103: JT 103	<5	0.1	36	70	1.1	0.2	320	0.6
104: JT 104	<5	0.1	36	70	0.7	0.2	420	0.7
105: JT 105	<10	0.3	16	120	0.8	0.2	370	0.5
106: JT 106	<10	0.1	32	50	0.6	0.2	370	0.5
107: JT 107	<10	0.1	23	80	0.1	0.2	390	0.5
108: JT 108	<10	0.1	38	60	2.4	0.2	410	0.7
109: JT 109	<5	0.1	83	80	0.8	0.2	360	0.5
110: JT 110	<5	0.1	73	60	1.8	0.2	400	0.8
111: JT 111	<10	0.1	73	90	1.3	0.4	420	0.6
112: JT 112	<10	0.1	63	40	1.0	0.2	380	0.7
113: JT 113	<10	0.1	63	30	0.4	0.2	280	0.6
114: JT 114	<5	0.1	73	60	0.8	0.4	380	0.6
115: JT 115	<10	0.1	16	80	0.4	0.2	410	0.6
116: JT 116	<5	0.1	15	50	0.1	0.2	370	0.6
117: JT 117	<5	0.1	27	60	0.1	0.2	350	0.6
118: JT 118	<5	0.1	83	80	2.0	0.2	370	0.7
119: JT 119	<5	0.1	43	70	1.2	0.2	240	0.7
120: JT 120	<5	0.1	24	100	0.3	0.2	440	0.7
121: JT 121	<5	0.1	23	70	0.5	0.2	350	0.7
122: JT 122	<5	0.1	30	70	1.1	0.2	350	0.8
123: JT 123	<5	0.1	79	80	2.5	0.2	370	0.8
124: JT 124	<10	0.1	39	80	3.2	0.2	360	0.6
125: JT 125	<10	0.1	41	80	2.7	0.2	300	0.7
126: JT 126	<10	0.1	51	110	1.1	0.2	350	0.7
127: JT 127	<10	0.1	19	120	1.2	0.2	400	0.6
128: JT 128	<10	0.1	7	50	0.3	0.2	250	0.4
129: JT 129	<10	0.1	20	110	0.6	0.2	380	0.5
130: JT 130	<10	0.1	17	60	0.2	0.2	290	0.5
131: JT 131	40	0.1	29	90	2.4	0.2	570	0.6
132: JT 132	<10	0.2	36	120	1.8	0.2	490	0.8
133: JT 133	<10	0.1	43	60	1.4	0.2	370	0.6
134: JT 134	<10	0.2	55	70	1.6	0.2	270	1.1
135: JT 135	<10	0.1	41	80	3.6	0.2	270	1.2
136: JT 136	15	0.1	24	60	4.4	0.2	220	1.0
137: JT 137	<10	0.1	17	40	3.6	0.2	250	1.0
138: JT 138	<5	0.1	20	120	0.2	0.2	520	0.8
139: JT 139	<10	0.1	110	80	6.8	0.2	240	1.0
140: JT 140	<10	0.2	100	80	4.0	0.2	290	1.2
141: JT 141	<5	0.8	33	80	2.4	0.2	260	0.4
142: JT 142	<10	0.1	16	250	2.3	0.2	360	0.5
143: JT 143	<10	0.1	33	110	0.6	0.2	280	0.5
144: JT 144	400	0.1	25	430	0.1	0.2	360	0.8
145: JT 145	<5	0.1	23	240	0.5	0.2	320	0.8
146: JT 146	15	0.1	17	90	0.4	0.2	320	0.5
147: JT 147	<10	0.9	120	50	3.0	0.2	270	0.6
148: JT 148	<5	0.1	9	40	0.1	0.2	270	0.7
149: JT 149	<5	0.1	4	30	0.1	0.2	260	0.6
150: JT 150	<10	0.1	71	50	1.9	0.2	300	0.6

Table 1 Chemical Analyses of Stream Sediments (4)

Sample No.	Au (ppb)	Ag (ppm)	As (ppm)	Hg (ppb)	Sb (ppm)	Se (ppm)	F (ppm)	Tl (ppm)
151: JT 151	<10	0.1	32	150	1.2	1.0	330	0.6
152: JT 152	<10	0.1	15	100	1.6	0.2	420	0.4
153: JT 153	25	0.1	25	100	1.0	0.2	360	0.3
154: JT 154	<5	0.2	46	360	2.2	0.2	440	0.3
155: JT 155	40	0.3	33	270	3.2	1.0	360	0.3
156: JT 156	<5	0.1	30	190	1.2	0.2	450	0.2
157: JT 157	<5	0.1	29	100	0.6	0.2	310	0.2
158: JT 158	375	0.1	17	110	0.1	0.2	400	0.1
159: JT 159	<5	0.1	11	80	0.1	0.2	240	0.1
160: JT 160	<5	0.1	12	110	0.1	0.2	320	0.1
161: JT 161	<10	0.1	15	90	0.2	0.2	480	0.2
162: JT 162	<5	0.1	14	60	0.1	0.2	320	0.1
163: JT 163	<5	0.1	14	100	0.1	0.2	240	0.1
164: JT 164	<5	0.1	6	80	0.1	0.2	330	0.2
165: JT 165	<5	0.1	10	110	0.1	0.2	310	0.2
166: JT 166	<5	0.1	10	120	0.2	0.2	370	0.3
167: JT 167	<5	0.1	10	100	0.2	0.2	400	0.4
168: JT 168	<5	0.1	35	550	0.8	0.2	370	0.4
169: JT 169	5	0.1	33	210	1.0	0.2	350	0.2
170: JT 170	<10	0.2	22	280	0.9	0.2	400	0.3
171: JT 171	<5	0.1	16	120	0.6	0.2	330	0.2
172: JT 172	<5	0.1	9	90	0.2	0.2	370	0.2
173: JT 173	<5	0.1	10	160	0.1	0.4	590	0.2
174: JT 174	<5	0.1	9	80	0.2	0.2	320	0.1
175: JT 175	<5	0.1	9	110	0.1	0.2	260	0.2
176: JT 176	<10	0.1	9	70	0.2	0.2	230	0.1
177: JT 177	<5	0.1	12	60	0.2	0.2	320	0.1
178: JT 178	<5	0.1	12	90	0.2	0.2	560	0.2
179: JT 179	<10	0.1	22	110	0.1	0.2	580	0.3
180: JT 180	<10	0.1	20	150	0.2	0.2	560	0.5
181: JT 181	n. e. s.	0.1	20	70	0.5	0.2	290	0.2
182: JT 182	<10	0.1	22	80	0.6	0.2	410	0.1
183: JT 183	<5	0.1	11	50	0.1	0.2	270	0.1
184: JT 184	10	0.1	11	80	0.2	0.2	400	0.2
185: JT 185	10	0.1	12	60	0.2	0.2	670	0.1
186: JT 186	<10	0.1	61	120	0.2	0.2	760	0.5
187: JT 187	<5	0.1	22	60	0.1	0.2	570	0.1
188: JT 188	<10	0.1	67	180	2.4	0.2	330	0.4
189: JT 189	<10	0.1	65	150	0.8	0.2	240	0.2
190: JT 190	<5	0.1	79	120	2.2	0.2	300	0.3
191: JT 191	<5	0.1	33	100	1.0	0.2	310	0.2
192: JT 192	<5	0.1	63	130	4.2	0.2	350	0.3
193: JT 193	<5	0.1	61	150	2.6	0.2	390	0.3
194: JT 194	<10	0.1	12	110	0.2	0.2	430	0.3
195: JT 195	<5	0.1	11	80	0.1	0.2	390	0.2
196: JT 196	<10	0.1	10	130	0.1	0.2	380	0.3
197: JT 197	<5	0.1	10	100	0.1	0.2	380	0.3
198: JT 198	<10	0.1	11	130	0.4	0.2	360	0.3
199: JT 199	<10	0.1	120	210	4.0	0.2	480	0.8
200: JT 200	<5	0.1	150	210	5.4	0.2	560	0.7

Table 1 Chemical Analyses of Stream Sediments (5)

Sample No.	Au (ppb)	Ag (ppm)	As (ppm)	Hg (ppb)	Sb (ppm)	Se (ppm)	F (ppm)	Tl (ppm)
201: JT 201	<5	0.1	53	200	2.4	0.2	440	0.5
202: JT 202	<5	0.1	35	90	1.5	0.2	270	0.3
203: JT 203	<5	0.1	16	90	0.1	0.2	260	0.2
204: JT 204	<5	0.1	11	140	0.1	0.2	290	0.3
205: JT 205	<10	0.1	11	190	0.1	0.2	250	0.2
206: JT 206	<10	0.1	20	100	0.2	0.2	570	0.2
207: JT 207	<10	0.2	10	100	0.2	0.2	380	0.3
208: JT 208	<10	0.1	10	70	0.2	0.2	390	0.2
209: JT 209	<5	0.1	9	100	0.2	0.2	460	0.3
210: JT 210	<5	0.1	17	80	0.2	0.2	420	0.2
211: JT 211	<10	0.1	12	60	0.1	0.2	520	0.2
212: JT 212	<10	0.1	11	90	0.2	0.2	210	0.1
213: JT 213	<5	0.1	15	60	0.2	0.2	410	0.2
214: JT 214	<5	0.2	22	90	1.3	0.2	770	0.8
215: JT 215	<5	0.1	20	100	1.7	0.2	660	0.9
216: JT 216	<10	0.1	14	90	1.0	0.2	640	0.5
217: JT 217	<5	0.1	17	140	0.9	0.2	710	0.8
218: JT 218	<5	0.1	11	110	1.0	0.2	730	0.5
219: JT 219	<5	0.1	36	90	2.0	0.2	600	0.3
220: JT 220	<5	0.1	19	70	0.7	0.2	520	0.4
221: JT 221	<10	0.1	16	110	1.0	0.2	560	0.6
222: JT 222	<5	0.1	22	160	2.2	0.2	1150	0.8
223: JT 223	<5	0.1	9	380	1.8	0.2	420	0.3
224: JT 224	<5	0.1	45	170	2.3	0.2	500	0.3
225: JT 225	<5	0.1	7	110	0.1	0.2	370	0.2
226: JT 226	<10	0.1	10	100	0.2	0.2	310	0.3
227: JT 227	<5	0.1	7	85	0.4	0.2	370	0.3
228: JT 228	<5	0.1	9	50	0.3	0.2	360	0.2
229: JT 229	<5	0.1	10	45	0.2	0.2	290	0.2
230: JT 230	<10	0.1	9	60	0.2	0.4	310	0.2
231: JT 231	<10	0.1	10	150	0.8	0.2	380	0.2
232: JT 232	<5	0.1	11	130	0.4	0.2	350	0.2
233: JT 233	<5	0.1	16	70	0.2	0.2	360	0.2
234: JT 234	<5	0.1	11	60	0.2	0.2	290	0.1
235: JT 235	<5	0.1	10	50	0.3	0.2	420	0.2
236: JT 236	<5	0.1	6	40	0.2	0.2	250	0.2
237: JT 237	<5	0.1	4	40	0.2	0.2	270	0.3
238: JT 238	<5	0.1	4	50	0.1	0.4	300	0.3
239: JT 239	<5	0.1	5	45	0.1	0.2	240	0.2
240: JT 240	<5	0.1	7	60	0.2	0.2	250	0.2
241: JT 241	<5	0.1	9	80	0.2	0.2	340	0.3
242: JT 242	<5	0.1	12	130	0.2	0.2	720	0.8
243: JT 243	<5	0.1	9	80	0.2	0.2	350	0.2
244: JT 244	<5	0.1	12	120	0.2	0.2	440	0.4
245: JT 245	<5	0.1	15	120	0.2	0.2	870	0.3
246: JT 246	<5	0.1	4	130	0.2	0.2	250	0.3
247: JT 247	<5	0.1	4	50	0.2	0.2	250	0.4
248: JT 248	<5	0.1	3	35	0.2	0.2	250	0.3
249: JT 249	<10	0.1	19	110	0.4	0.2	1060	0.4
250: JT 250	<5	0.1	10	90	0.2	0.2	640	0.4

Table 1 Chemical Analyses of Stream Sediments (6)

Sample No.	Au (ppb)	Ag (ppm)	As (ppm)	Hg (ppb)	Sb (ppm)	Se (ppm)	F (ppm)	Tl (ppm)
251: JT 251	<5	0.1	5	120	0.1	0.2	250	0.4
252: JT 252	<5	0.1	3	110	0.2	0.2	250	0.3
253: JT 253	<5	0.1	4	110	0.2	0.2	330	0.4
254: JT 254	<10	0.1	6	90	0.1	0.2	470	0.5
255: JT 255	<5	0.1	7	130	0.2	0.2	850	0.4
256: JT 256	<10	0.1	11	100	0.2	0.2	640	0.3
257: JT 257	<10	0.1	10	70	0.2	0.2	400	0.2
258: JT 258	20	0.1	10	60	0.2	0.2	470	0.2
259: JT 259	<5	0.1	9	60	0.2	0.2	410	0.1
260: JT 260	<10	0.1	14	80	0.1	0.2	340	0.2
261: JT 261	<5	0.1	6	70	0.4	0.2	420	0.2
262: JT 262	<10	0.1	10	170	0.3	0.2	550	0.5
263: JT 263	200	0.3	140	270	2.8	0.2	400	0.4
264: JT 264	30	0.7	520	120	5.8	0.2	340	0.5
265: JT 265	<10	0.3	83	170	2.6	0.2	400	0.4
266: JT 266	<5	0.1	16	200	0.4	0.2	370	0.3
267: JT 267	<5	0.1	7	360	0.1	0.2	410	0.3
268: JT 268	<5	0.2	9	90	0.2	0.2	410	0.3
269: JT 269	<10	0.2	7	90	0.2	0.2	460	0.3
270: JT 270	<10	0.1	22	210	1.6	2.0	460	0.4
271: JT 271	<5	0.1	10	430	0.2	0.2	420	0.3
272: JT 272	<10	0.1	11	170	0.4	0.2	480	0.3
273: JT 273	<10	0.1	15	170	1.0	0.2	420	0.3
274: JT 274	10	0.1	10	80	0.4	0.2	490	0.4
275: JT 275	50	0.2	16	90	1.1	0.2	440	0.5
276: JT 276	<10	0.1	10	60	0.2	0.2	520	0.4
277: JT 277	<5	0.1	12	130	0.6	0.2	420	0.5
278: JT 278	<5	0.1	5	90	0.1	0.2	330	0.3
279: JT 279	<10	0.1	6	270	0.2	0.2	490	0.2
280: JT 280	<10	0.1	6	180	0.1	0.2	480	0.2
281: JT 281	<10	0.1	4	130	0.4	0.2	320	0.3
282: JT 282	<10	0.1	10	220	0.2	0.2	340	0.3
283: JT 283	<10	0.1	12	110	1.2	0.2	450	0.4
284: JT 284	<5	0.1	6	60	0.1	0.2	460	0.3
285: JT 285	<10	0.1	7	110	0.3	0.2	410	0.3
286: JT 286	<10	0.1	7	60	0.2	0.2	490	0.3
287: JT 287	<10	0.1	16	80	1.3	0.2	510	0.6
288: JT 288	<10	0.1	14	70	1.4	0.2	390	0.6
289: JT 289	10	0.1	39	90	1.7	5.0	680	0.6
290: JT 290	<5	0.1	14	100	0.3	0.2	560	0.5
291: JT 291	<5	0.1	14	80	0.9	0.2	510	0.5
292: JT 292	<10	0.1	11	100	1.6	0.2	700	0.8
293: JT 293	<10	0.1	14	120	2.0	0.2	450	0.5
294: JT 294	<5	0.1	10	50	0.1	0.2	480	0.3
295: JT 295	<10	0.1	14	80	0.6	0.2	610	0.6
296: JT 296	<10	0.1	4	60	0.2	0.2	270	0.3
297: JT 297	<10	0.1	12	50	0.8	0.2	480	0.4
298: JT 298	30	0.1	23	90	1.2	0.2	560	0.4
299: JT 299	<10	0.1	15	250	0.8	0.2	570	0.4
300: JT 300	10	0.3	16	340	n.s.s.	n.s.s.	n.s.s.	n.s.s.
301: JT 301	<10	0.3	30	240	1.2	1.0	540	0.9
302: JT 302	<10	0.1	4	100	0.1	0.4	230	0.3
303: JT 303	<10	0.1	5	100	0.1	0.2	260	0.4
304: JT 304	<10	0.1	4	50	0.1	0.2	280	0.4

Table 2 Component Scores of Stream Sediments (1)

Sample No.	Z01	Z02	Z03	Z04
1: JT001	0.598	1.601	-1.414	0.479
2: JT002	1.770	4.155	-1.346	-0.301
3: JT003	5.276	6.574	-0.713	1.024
4: JT004	3.778	3.206	0.389	-0.502
5: JT005	1.662	1.215	1.350	-1.091
6: JT006	3.098	1.263	1.475	-2.283
7: JT007	1.492	0.520	1.377	-1.483
8: JT008	0.369	-0.239	0.023	0.181
9: JT009	1.412	0.778	1.023	-0.769
10: JT010	2.477	0.597	1.059	-1.709
11: JT011	2.264	1.216	1.685	-1.287
12: JT012	0.176	0.587	1.024	-1.169
13: JT013	-1.713	-0.426	0.100	0.760
14: JT014	-1.984	-0.357	0.388	-0.057
15: JT015	-1.903	-0.576	0.217	0.067
16: JT016	-1.331	-0.791	-0.257	0.131
17: JT017	-1.933	-0.913	-0.489	0.354
18: JT018	-1.799	-0.632	0.089	0.089
19: JT019	-2.210	-0.961	-0.523	0.454
20: JT020	-0.828	-0.491	-0.721	-0.102
21: JT021	-0.274	-0.121	-0.953	-0.401
22: JT022	0.189	0.341	-0.080	-0.888
23: JT023	-0.900	-0.149	0.283	-0.404
24: JT024	0.473	0.665	0.189	-1.176
25: JT025	0.806	0.984	0.917	0.082
26: JT026	0.580	0.381	0.460	-1.084
27: JT027	-1.052	-0.661	0.560	-0.117
28: JT028	0.422	0.427	0.035	-1.012
29: JT029	-2.976	2.460	1.106	-0.112
30: JT030	-1.019	-0.174	0.148	-0.370
31: JT031	-1.403	0.069	0.758	1.130
32: JT032	-1.439	0.291	1.257	0.142
33: JT033	-1.516	0.291	1.240	0.163
34: JT034	-1.497	-0.111	0.966	-0.390
35: JT035	-1.471	0.442	1.644	0.016
36: JT036	-0.717	0.696	0.544	-0.979
37: JT037	-1.378	0.101	1.082	0.255
38: JT038	-0.383	0.988	1.428	0.745
39: JT039	-0.186	1.396	1.953	1.543
40: JT040	-0.323	1.029	1.315	0.721
41: JT041	-0.626	0.013	0.802	-0.660
42: JT042	-1.569	-0.749	0.003	0.108
43: JT043	-1.764	-0.142	0.479	0.565
44: JT044	-1.867	-0.351	0.412	-0.092
45: JT045	-1.501	2.670	5.803	-0.948
46: JT046	-1.612	-0.553	-0.151	0.028
47: JT047	-1.843	-0.571	0.397	0.027
48: JT048	-1.687	-0.629	-0.333	0.114
49: JT049	-1.775	-0.392	0.599	-0.117
50: JT050	-1.532	-0.335	0.873	-0.244

Table 2 Component Scores of Stream Sediments (2)

Sample No.	Z01	Z02	Z03	Z04
51: JT051	-1.246	0.207	0.697	-0.597
52: JT052	-1.774	-0.529	-0.178	0.060
53: JT053	-1.492	0.039	1.073	-0.488
54: JT054	-1.573	-0.494	0.242	-0.064
55: JT055	-1.622	-0.101	0.824	-0.346
56: JT056	-1.828	-0.642	-0.305	0.961
57: JT057	-1.892	-1.088	-0.696	0.468
58: JT058	-1.751	-0.225	0.363	0.623
59: JT059	-1.859	-0.623	0.256	0.077
60: JT060	-1.792	-0.055	0.644	-0.306
61: JT061	-1.861	-0.650	-0.124	0.142
62: JT062	-1.767	0.543	2.345	-0.865
63: JT063	0.721	0.252	-0.213	-0.125
64: JT064	-0.196	-0.574	-0.821	0.642
65: JT065	0.486	0.506	-0.401	1.428
66: JT066	-0.476	-0.662	-0.890	0.776
67: JT067	0.343	-0.408	-1.191	-0.350
68: JT068	3.613	-0.013	-1.762	0.886
69: JT069	0.938	-0.182	-0.399	0.092
70: JT070	0.417	0.293	-0.155	-0.093
71: JT071	1.295	0.561	-0.363	-0.418
72: JT072	0.406	-0.206	-0.429	-0.588
73: JT073	0.579	-0.284	-0.484	-0.591
74: JT074	0.043	-1.442	-0.900	0.394
75: JT075	3.154	-0.889	0.059	1.169
76: JT076	2.361	-1.415	-0.512	0.854
77: JT077	2.792	-0.322	0.831	-0.039
78: JT078	1.409	-1.275	-0.226	0.000
79: JT079	2.030	0.741	-1.644	-0.157
80: JT080	-1.234	-0.966	-0.916	1.098
81: JT081	-0.188	-0.645	-0.757	-0.149
82: JT082	0.873	1.755	-2.576	0.682
83: JT083	-0.051	-0.973	-0.846	0.951
84: JT084	1.818	2.147	-2.587	0.700
85: JT085	2.688	-1.086	-0.213	-0.223
86: JT086	2.418	-0.305	0.118	-0.716
87: JT087	2.310	-0.043	-0.323	0.035
88: JT088	2.334	-0.072	0.172	-0.083
89: JT089	2.345	-0.036	0.001	-0.044
90: JT090	2.448	-0.356	-0.666	0.203
91: JT091	1.988	-0.669	-0.789	0.520
92: JT092	2.576	1.171	-1.247	0.332
93: JT093	2.712	-0.662	-0.119	0.339
94: JT094	2.056	-0.949	-0.842	-0.156
95: JT095	2.257	-1.074	-0.869	-0.130
96: JT096	2.173	-0.766	-0.695	0.516
97: JT097	1.205	-2.121	-0.848	1.628
98: JT098	2.609	-1.102	-0.328	0.630
99: JT099	2.561	-0.963	0.155	0.559
100: JT100	1.106	-0.016	-0.702	-0.010

Table 2 Component Scores of Stream Sediments (3)

Sample No.	Z01	Z02	Z03	Z04
101: JT101	0.588	-0.030	-0.781	0.140
102: JT102	-0.163	-1.103	-0.927	0.146
103: JT103	0.714	-0.176	-0.733	-0.626
104: JT104	0.726	-0.369	-0.646	-0.526
105: JT105	0.704	1.488	-0.928	0.216
106: JT106	0.481	-0.274	-0.915	0.313
107: JT107	-0.309	-0.312	-0.174	0.440
108: JT108	1.296	-0.014	-0.725	-0.051
109: JT109	0.891	0.002	-1.004	-0.740
110: JT110	1.423	-0.076	-1.017	-0.813
111: JT111	1.634	0.204	-0.192	-0.213
112: JT112	1.128	-0.154	-1.364	0.154
113: JT113	0.570	-0.303	-1.827	0.433
114: JT114	1.286	-0.354	-0.958	-0.523
115: JT115	0.183	-0.352	-0.147	0.339
116: JT116	-0.518	-1.107	-0.955	0.234
117: JT117	-0.293	-0.714	-0.820	-0.058
118: JT118	1.427	0.243	-0.661	-1.042
119: JT119	0.782	0.008	-0.883	-0.721
120: JT120	0.262	-0.405	-0.067	-0.463
121: JT121	0.339	-0.513	-0.634	-0.350
122: JT122	0.817	-0.334	-0.707	-0.557
123: JT123	1.558	0.228	-0.674	-1.061
124: JT124	1.297	0.309	-0.372	-0.283
125: JT125	1.255	0.365	-0.460	-0.287
126: JT126	1.071	0.506	0.009	-0.378
127: JT127	0.676	0.136	0.346	-0.122
128: JT128	-0.680	-0.775	-0.776	0.857
129: JT129	0.319	0.068	0.237	0.014
130: JT130	-0.295	-0.428	-0.634	0.559
131: JT131	1.517	0.900	0.514	1.643
132: JT132	1.556	1.202	-0.546	-0.218
133: JT133	1.023	0.043	-0.752	-0.015
134: JT134	1.589	1.197	-1.590	-0.077
135: JT135	1.589	0.361	-0.567	-0.335
136: JT136	1.405	0.536	-0.656	0.899
137: JT137	1.085	-0.421	-1.373	0.324
138: JT138	0.169	-0.493	0.260	-0.427
139: JT139	2.104	0.919	-0.754	-0.758
140: JT140	2.263	1.597	-1.505	-0.478
141: JT141	1.408	2.786	-3.044	-0.390
142: JT142	0.742	0.722	1.341	-0.602
143: JT143	0.403	0.406	0.050	-0.171
144: JT144	0.531	2.669	3.087	3.274
145: JT145	0.402	0.360	0.988	-1.057
146: JT146	0.162	0.345	0.207	1.184
147: JT147	2.359	3.377	-3.892	0.076
148: JT148	-0.786	-1.359	-1.307	0.493
149: JT149	-1.220	-1.852	-1.564	0.904
150: JT150	1.258	0.249	-1.158	-0.137

Table 2 Component Scores of Stream Sediments (4)

Sample No.	Z01	Z02	Z03	Z04
151: JT151	1.654	-0.051	0.609	-0.026
152: JT152	0.504	-0.013	0.197	0.008
153: JT153	0.537	0.922	0.501	1.306
154: JT154	1.148	1.997	0.809	-1.579
155: JT155	2.393	2.821	0.705	1.513
156: JT156	0.294	0.473	0.899	-1.134
157: JT157	-0.152	0.096	-0.084	-0.684
158: JT158	-0.656	1.812	1.568	4.093
159: JT159	-1.691	-0.446	-0.209	-0.003
160: JT160	-1.531	-0.314	0.311	-0.184
161: JT161	-0.585	-0.276	0.223	0.402
162: JT162	-1.483	-0.671	-0.535	0.113
163: JT163	-1.585	-0.192	0.055	-0.205
164: JT164	-1.472	-0.940	-0.083	0.227
165: JT165	-1.277	-0.482	0.246	-0.120
166: JT166	-0.738	-0.481	0.365	-0.257
167: JT167	-0.570	-0.685	0.111	-0.142
168: JT168	0.494	1.205	2.172	-1.730
169: JT169	0.254	0.957	1.105	-0.612
170: JT170	0.544	1.745	0.738	-0.469
171: JT171	-0.368	-0.050	0.278	-0.596
172: JT172	-0.989	-0.661	0.040	-0.067
173: JT173	-0.650	-0.775	1.029	-0.097
174: JT174	-1.392	-0.574	-0.089	-0.024
175: JT175	-1.391	-0.449	0.200	-0.104
176: JT176	-1.440	-0.236	-0.216	0.625
177: JT177	-1.281	-0.655	-0.524	0.050
178: JT178	-0.704	-0.722	0.142	-0.117
179: JT179	-0.411	-0.202	0.466	0.303
180: JT180	0.061	-0.010	0.815	0.050
181: JT181	-1.708	-4.499	-3.022	-9.162
182: JT182	-0.413	0.101	0.009	0.149
183: JT183	-1.656	-0.823	-0.804	0.276
184: JT184	-0.701	-0.119	0.218	1.152
185: JT185	-0.807	-0.398	0.079	1.328
186: JT186	0.639	0.162	0.446	-0.142
187: JT187	-1.065	-0.734	-0.402	0.027
188: JT188	-1.197	1.161	0.665	-0.881
189: JT189	0.289	1.140	0.413	-0.633
190: JT190	0.952	0.735	-0.079	-1.305
191: JT191	0.097	0.207	-0.114	-0.806
192: JT192	1.171	0.705	0.108	-1.368
193: JT193	1.021	0.689	0.354	-1.353
194: JT194	-0.516	-0.243	0.442	0.353
195: JT195	-1.154	-0.762	-0.120	0.053
196: JT196	-0.902	-0.228	0.667	0.414
197: JT197	-0.998	-0.698	0.140	-0.040
198: JT198	-0.353	-0.007	0.607	0.158
199: JT199	2.130	1.298	0.823	-1.186
200: JT200	2.245	1.090	0.682	-1.895

Table 2 Component Scores of Stream Sediments (5)

Sample No.	Z01	Z02	Z03	Z04
201: JT201	1.240	0.691	0.749	-1.441
202: JT202	0.419	0.202	-0.371	-0.836
203: JT203	-1.159	-0.351	-0.163	-0.169
204: JT204	-1.058	-0.309	0.486	-0.287
205: JT205	-1.221	0.317	1.066	0.123
206: JT206	-0.394	-0.158	0.381	0.269
207: JT207	-0.407	0.557	-0.524	0.598
208: JT208	-0.843	-0.527	-0.128	0.652
209: JT209	-0.699	-0.744	0.212	-0.100
210: JT210	-0.679	-0.536	-0.175	-0.186
211: JT211	-0.922	-0.762	-0.251	0.821
212: JT212	-1.387	0.060	0.061	0.411
213: JT213	-0.748	-0.776	-0.554	0.014
214: JT214	1.312	0.280	-0.863	-0.410
215: JT215	1.138	-0.495	0.043	-0.641
216: JT216	0.571	-0.385	0.196	0.207
217: JT217	0.808	-0.415	0.577	-0.675
218: JT218	0.441	-0.689	0.382	-0.423
219: JT219	0.861	-0.098	-0.098	-0.815
220: JT220	0.272	-0.638	-0.403	-0.315
221: JT221	0.668	-0.161	0.378	0.042
222: JT222	1.454	-0.322	0.872	-0.928
223: JT223	0.143	0.472	1.948	-1.218
224: JT224	0.951	0.530	0.662	-1.286
225: JT225	-1.354	-0.705	0.365	0.008
226: JT226	-0.725	-0.243	0.226	0.433
227: JT227	-0.629	-0.787	-0.059	-0.061
228: JT228	-0.861	-1.010	-0.774	0.200
229: JT229	-1.062	-0.993	-1.002	0.271
230: JT230	-0.624	-0.854	-0.354	0.925
231: JT231	-0.301	0.171	0.870	-0.005
232: JT232	-0.653	-0.220	0.474	-0.454
233: JT233	-0.769	-0.587	-0.401	-0.106
234: JT234	-1.357	-0.648	-0.545	0.068
235: JT235	-0.755	-1.034	-0.736	0.182
236: JT236	-1.336	-1.221	-1.134	0.483
237: JT237	-1.273	-1.483	-1.091	0.623
238: JT238	-1.132	-1.729	-0.691	0.791
239: JT239	-1.691	-1.276	-0.948	0.580
240: JT240	-1.261	-0.876	-0.609	0.205
241: JT241	-0.826	-0.769	-0.198	-0.002
242: JT242	0.090	-0.788	0.564	-0.282
243: JT243	-1.015	-0.719	-0.139	-0.005
244: JT244	-0.451	-0.525	0.364	-0.294
245: JT245	-0.227	-0.683	0.604	-0.303
246: JT246	-1.272	-0.633	0.479	-0.054
247: JT247	-1.156	-1.340	-0.851	0.493
248: JT248	-1.426	-1.661	-1.255	0.781
249: JT249	0.444	-0.408	0.643	0.189
250: JT250	-0.384	-0.961	0.135	-0.038

Table 2 Component Scores of Stream Sediments (6)

Sample No.	Z01	Z02	Z03	Z04
251: JT251	-1.306	-0.720	0.314	0.037
252: JT252	-1.395	-0.867	0.298	0.131
253: JT253	-1.023	-0.913	0.317	0.071
254: JT254	-0.786	-0.864	0.263	0.810
255: JT255	-0.399	-0.750	1.231	-0.293
256: JT256	-0.395	-0.517	0.468	0.472
257: JT257	-0.833	-0.538	-0.119	0.654
258: JT258	-0.595	-0.139	0.070	1.965
259: JT259	-1.301	-0.880	-0.391	0.163
260: JT260	-1.021	-0.316	-0.036	0.569
261: JT261	-0.847	-0.978	-0.205	0.104
262: JT262	-0.074	-0.155	1.080	0.129
263: JT263	2.496	4.618	0.769	2.095
264: JT264	3.387	5.013	-2.106	0.543
265: JT265	1.767	2.543	-0.682	-0.680
266: JT266	-0.264	0.146	0.971	-0.805
267: JT267	-1.081	0.010	1.960	-0.650
268: JT268	-0.511	0.120	-0.794	0.094
269: JT269	-0.480	0.255	-0.543	0.787
270: JT270	1.911	-0.295	1.332	0.054
271: JT271	-0.653	0.349	2.140	-0.971
272: JT272	-0.230	0.055	1.072	0.033
273: JT273	0.196	0.345	0.959	-0.223
274: JT274	-0.051	-0.273	0.209	1.101
275: JT275	1.044	1.686	-0.215	2.265
276: JT276	-0.390	-0.865	-0.317	0.777
277: JT277	0.064	-0.358	0.409	-0.516
278: JT278	-1.344	-0.995	0.057	0.222
279: JT279	-0.926	0.100	1.863	0.066
280: JT280	-1.211	-0.252	1.319	0.405
281: JT281	-0.818	-0.373	0.724	0.462
282: JT282	-0.667	0.264	1.327	-0.006
283: JT283	0.331	-0.102	0.391	0.076
284: JT284	-1.146	-1.345	-0.404	0.427
285: JT285	-0.602	-0.398	0.503	0.452
286: JT286	-0.703	-0.942	-0.248	0.878
287: JT287	0.723	-0.311	-0.091	0.172
288: JT288	0.585	-0.335	-0.348	0.252
289: JT289	3.067	-0.947	0.415	1.224
290: JT290	-0.030	-0.680	0.144	-0.277
291: JT291	0.348	-0.668	-0.212	-0.334
292: JT292	0.922	-0.468	0.344	0.163
293: JT293	0.703	0.046	0.448	-0.100
294: JT294	-0.923	-1.279	-0.716	0.376
295: JT295	0.443	-0.532	0.007	0.354
296: JT296	-1.173	-0.915	-0.371	0.996
297: JT297	0.180	-0.723	-0.647	0.595
298: JT298	0.912	0.676	0.535	1.568
299: JT299	0.385	0.411	1.560	-0.373
300: JT300	-16.829	12.325	-4.044	-1.806
301: JT301	2.412	1.381	0.079	0.010
302: JT302	-1.131	-0.846	0.325	0.976
303: JT303	-1.206	-0.576	0.251	0.748
304: JT304	-1.288	-1.180	-0.627	1.218

Table 3 Description of Chip Samples (1)

Zone A

Sample No.	Rock Name	Alteration	Formation	Location
HM142	Limonitic tuff with limonite	s arg	Çamyayla V.	E.Kocayatak T.
HM143	Silicified rock with limo(float)	s sil	Çamyayla V.	ditto
HM144	Silicified rock with limonite	s sil	Çamyayla V.	ditto
HM145	Silicified rock with py		Çamyayla V.	ditto
HM146	ditto		Çamyayla V.	ditto
HM147	Tuff breccia with limo(float)	m arg	Çamyayla V.	Gökdere
HM151	Altered andesite	m sil, m arg	Çamyayla V.	ditto
HM153	Silicified rock with limonite	v s sil	Çamyayla V.	Y.Çamyatak M.
HM156	Altered andesite with limonite	m arg	Çamyayla V.	E.Kovk
HM156	Altered andesite with limonite	m arg	Çamyayla V.	E.Kocayatak T.
HM157	Limonitic rock (float)	m arg	Çamyayla V.	ditto
HM158	Altered andesite with limonite	s arg	Çamyayla V.	ditto
HM161	Silicified rock with limonite	s sil	Çamyayla V.	Karafatma D.
HM162	ditto	s sil	Çamyayla V.	ditto
HM166	ditto	s sil	Çamyayla V.	ditto
HM167	ditto	vs sil	Çamyayla V.	ditto
HM169	ditto	s sil	Çamyayla V.	Çakmak T.
HM170	ditto	s sil	Çamyayla V.	ditto
KB213	Tuff with malachite		Çamyayla F.	Yaylalar
KB220	Tuff with limonite	m arg	Çamyayla F.	E.Bozburun T.
KB221	Dacite	w sil, w arg	Dededag V.	ditto
KB226	Porphyllite	m sil	Çamyayla F.	Davulgu D.
KB228	Lapilli tuff with limo	w arg	Çamyayla F.	ditto
KB229	Porous sil rock (float)	s sil	Çamyayla F.	ditto
KB230	Silicified rock (float)	s sil, w arg	Çamyayla F.	ditto
KB232	Argillized agglomerate	m w arg	Çamyayla F.	Kaşaklı T.
KB240	Altered rock	m sil, w arg	Çamyayla F.	Eçi D.
KB246	Calcite vein in agglomerate	non	Çamyayla F.	ditto
TS242	Altered rock	w sil, m arg	Çamyayla F.	Asmacık Dag
TS243	ditto	m sil, m arg	Çamyayla F.	ditto
TS244	Silicified rock	s sil	Çamyayla F.	ditto
TS245	Iron oxides	s sil	Çamyayla F.	Koditaş D.
TS251	Silicified rock with limo	s sil	Çamyayla F.	ditto
TS252	Iron oxides	m sil, m arg	Çamyayla F.	ditto
TS254	Altered andesite	m sil, w arg	Çamyayla F.	ditto
TS255	Silicified rock	s sil	Çamyayla F.	ditto
TS257	Silicified tuff-breccia	s sil	Çamyayla F.	ditto
TS258	Sil tuff-breccia with nativ S	s sil, m arg	Çamyayla F.	ditto
TS259	Altered rock	s sil, w arg	Çamyayla F.	ditto
TS272	ditto	m sil, w arg	Çamyayla F.	Demir Maden,Koru
TS276	Altered rock with malachite	m sil, m arg	Çamyayla F.	Andık T.
TS281	Silicified rock	s sil	Çamyayla F.	Çaşılı D.
TS282	Altered rock(tuff ?)	m sil, m arg	Çamyayla F.	Çaşırılı D.
TS283	Silicified rock	s sil	Çamyayla F.	ditto
TS284	ditto	s sil	Çamyayla F.	ditto
TS299	Qz-barite-galena vein		Balcılar V.	Eşeküçü D.
TS300	Qz-barite vein		Balcılar V.	ditto
KS222	Silicified rock (float)	vs sil	Balcılar V.	Dondurca
KS225	Silicified rock (float)	vs sil	Balcılar V.	ditto
KS227	Silicified rock (float)	vs sil	Balcılar V.	ditto

Abbreviations

Rock name ; limo:limonite, py:pyrite, sil:silicification/siliceous, qz:quartz, hem:hematite, gd:granodiorite.

Mo:molybdenite, Cp:chalcopryrite, diss:dissemination, ep:epidote, S:Sulpher, arg:argillization/argillaceous

Alteration ; s:strong, m:medium, w:weak, vs:very strong

Formation ; V.:Volcanics, F:Formation

Location ; T.:Tepe(mountain), D.:Dere(stream), E:East, W:West, S:South, N:North

Table 3 Description of Chip Samples (2)

Zone A

Sample No.	Rock Name	Alteration	Formation	Location
KS228	Silicified rock (float)	vs sil	Balcılar V.	ditto
KS229	Silicified rock (float)	vs sil	Balcılar V.	ditto
KS233	Andesite	w sil	Balcılar V.	ditto
KS237	Silicified rock (float)	vs sil	Balcılar V.	ditto
KS238	Silicified rock (float)	vs sil	Balcılar V.	ditto
KS242	Andesitic tuff	w sil	Balcılar V.	Sogaksu T.
KS245	Silicified rock (float)	vs sil	Balcılar V.	ditto
KS246	Andesitic tuff	w sil	Balcılar V.	Dede T.
KS248	Silicified rock (float)	vs sil	Balcılar V.	Duzparen Mvt
KS249	Silicified rock (float)	vs sil	Balcılar V.	ditto
NY144	Andesitic tuff(propylitic)	w arg	Çamyayla V.	Ihlamur D.
NY145	ditto	w arg	Çamyayla V.	ditto
NY150	ditto	w arg	Çamyayla V.	ditto
NY159	Altered andesite	s arg	Çamyayla V.	Genici B.
NY165	ditto	s arg	Çamyayla V.	Hacılar M.
NY166	ditto	s arg	Çamyayla V.	ditto
NY168	Silicified rock	s sil	Çamyayla V.	Kocayatak T.
NY169	ditto	s sil	Çamyayla V.	ditto
NY170	ditto	s sil	Çamyayla V.	ditto
NY172	Altered andesite	m arg	Çamyayla V.	Balıklı T.
NY173	Silicified rock	s sil	Çamyayla V.	Kabak T.
HB182	ditto	s sil, w arg	Çamyayla V.	Asnacıkdağ
HB183	ditto	s sil, w arg	Çamyayla V.	ditto
HB185	ditto	w sil	Çamyayla V.	ditto
HB186	ditto	s sil	Çamyayla V.	ditto
HB188	Brecciated rock	s sil	Çamyayla V.	Kocaçukurgediği
HB190	Andesite	m sil	Çamyayla V.	ditto
HB192	ditto	w arg	Çamyayla V.	ditto
HB193	Siliceous vein in andesite	s sil	Çamyayla V.	ditto
HB195	Andesite	m sil	Çamyayla V.	Bozuburun T.
HB196	Siliceous vein in andesite	m sil	Çamyayla V.	Asnacıkdağ
HB205	Andesite	m sil, m arg	Çamyayla V.	Davulgu D.
HB206	ditto	m sil, m arg	Çamyayla V.	ditto
HB208	Silicified rock	s sil	Çamyayla V.	Hacıgeldi T.
HB209	Andesite	m arg	Çamyayla V.	ditto
HB210	ditto	propylitic	Çamyayla V.	Tepetarla T.
HB223	Silicified rock	s sil	Çamyayla V.	Çan T.
HS209	Andesitic tuff	m sil, m arg	Balcılar V.	Dede dağ
HS210	Andesite with py	m sil	Balcılar V.	Kundakçılar
HS211	ditto	m sil	Balcılar V.	ditto
HS213	Pb-Zn-Cu ore in andesite	m sil, m arg	Balcılar V.	Çenli D.
HS215	Brecciated andesite with py	m sil	Balcılar V.	ditto
HS216	ditto	m sil	Balcılar V.	ditto
HS221	Andesitic tuff with qz vein	s sil	Balcılar V.	Dededag
HS223	ditto	m sil, m arg	Balcılar V.	ditto
HS224	Qz-limo vein (float)		Çamyayla V.	ditto
HS234	Andesite	m sil, m arg	Çamyayla V.	Elezdağ
HS240	Andesitic tuff	m sil, m arg	Çamyayla V.	ditto
HS243	Silicified rock with sphalerite	s sil	Çamyayla V.	S.Elezdağ
HS246	Propylitic andesite	w arg	Çamyayla V.	Keditas D.

Table 3 Description of Chip Samples (3)

Zone A

Sample No.	Rock Name	Alteration	Formation	Location
HS247	Silicified rock	vs sil	Çamyayla V.	ditto
HS248	Brecciated sil rock with limo	vs sil	Çamyayla V.	ditto
HS249	Silicified rock with py	s sil	Çamyayla V.	ditto
HS250	ditto	s sil	Çamyayla V.	ditto
HS251	Sil rock with hem & limo (float)	s sil	Çamyayla V.	ditto
HS252	Silicified rock	s sil, m arg	Çamyayla V.	ditto
HS253	Andesitic tuff with malachite	m sil	Çamyayla V.	ditto
HS254	Andesitic tuff with limo & py	m sil	Çamyayla V.	Keditaş D.
HS255	Andesitic tuff with py	m sil	Çamyayla V.	ditto
HS256	ditto	m sil	Çamyayla V.	ditto
HS257	ditto	m sil	Çamyayla V.	ditto
HS258	ditto	m arg	Çamyayla V.	ditto
HS259	ditto	m sil, m arg	Çamyayla V.	ditto
HS260	Silicified rock (float)	vs sil	Çamyayla V.	ditto
HS261	Tuff	m sil	Çamyayla V.	ditto
HS262	Andesitic tuff with py	m sil, m arg	Çamyayla V.	ditto
HS263	Silicified rock (float)	vs sil	Çamyayla V.	Emine T.
HS267	Qz-barite-hem ore (float)	s sil	Çamyayla V.	S.Tepetarla
HS268	Galena-barite ore(Dump)	s sil	Çamyayla V.	ditto
HS283	Andesite with limo & hem	m arg	Çamyayla V.	İşaret Mvk
AK093	Altered andesite	s arg	Çamyayla V.	SW.Kocataş T.
AK095	ditto	s arg	Çamyayla V.	ditto
AK097	ditto	s arg	Çamyayla V.	ditto
AK098	ditto	s arg	Çamyayla V.	ditto
AK099	ditto	s arg	Çamyayla V.	ditto
AK100	ditto	s arg	Çamyayla V.	ditto
AK105	ditto	s arg	Çamyayla V.	Kocataş T.
AK112	Hematitized andesite		Çamyayla V.	SW.Eşlek T.
AK114	Silicified rock	s sil	Çamyayla V.	Eşlek T.
AK115	ditto	s sil	Çamyayla V.	ditto
AK117	Hematitized rock		Çamyayla V.	E.Eşlek T.
SR137	Silicified rock (float)	vs sil	Balcılar V.	Mastı T.
SR138	ditto	vs sil	Balcılar V.	Yaygın Mvk.
SR139	ditto	vs sil	Balcılar V.	ditto
SR144	ditto	vs sil	Balcılar V.	Kilimli Mah.
SR155	ditto	vs sil	Balcılar V.	Karaköy Mvk.

Table 3 Description of Chip Samples (4)

Zone B

Sample No.	Rock Name	Alteration	Formation	Location
HM038	Altered andesite with limonite	m arg	Çamyayla V.	Çanakçı D.
HM040	Silicified andesite	s sil	Çamyayla V.	ditto
HM046	Altered rock with limonite(float)	m arg	Şapçı V.	Osmānlar Köy
HM047	Altered andesite(limo-qz)	m arg	Şapçı V.	ditto
HM049	Limonitic clay	s arg	Şapçı V.	ditto
HM052	Chloritic andesite with limonite	w arg	Şapçı V.	ditto
HM055	Altered andesite with limonite	m sil	Şapçı V.	N. Örendag
HM056	Limonitic rock	m arg	Şapçı V.	ditto
HM059	Silicified rock	vs sil	Şapçı V.	Hasan T.
HM063	Limo-sil rock (float)	m s sil	Şapçı V.	ditto
HM065	Siliceous rock(chalcedony)	s sil	Şapçı V.	Kuscaharman N.
HM068	Altered andesit with limonite	m sil	Şapçı V.	Tepeböğrü T.
HM069	Silified andesite	m sil	Şapçı V.	ditto
HM070	Silified rock (float)	vs sil	Şapçı V.	Göktepe
HM071	ditto	vs sil	Şapçı V.	ditto
HM072	ditto	vs sil	Şapçı V.	ditto
HM073	Silicified rock (float)	s sil, m arg	Şapçı V.	ditto
HM074	Silicified rock	s sil, m arg	Şapçı V.	ditto
HM075	Silicified rock	m sil	Şapçı V.	ditto
HM076	Silicified rock (float)	vs sil	Şapçı V.	ditto
HM077	Silicified rock (float)	vs sil	Şapçı V.	Kocatepe
HM078	Silicified rock with limo(float)	s sil	Şapçı V.	ditto
HM079	Gossan (float)		Şapçı V.	ditto
HM080	Silicified rock	vs sil	Şapçı V.	ditto
HM082	Limonitic rock	v s arg	Şapçı V.	ditto
HM083	Silicified rock	s sil, m arg	Şapçı V.	ditto
HM084	Silicified rock with limonite	vs sil	Şapçı V.	N.Kovandagi
HM085	Silicified rock with limonite	vs sil	Şapçı V.	ditto
HM086	Silicified rock	vs sil	Şapçı V.	ditto
HM089	Silicified rock	vs sil	Şapçı V.	ditto
HM090	Altered andesite with limonite	m sil	Şapçı V.	Kovandagi
HM092	ditto	m sil	Şapçı V.	Çatal T.
HM093	ditto	s sil, m arg	Şapçı V.	ditto
HM099	Altered andesite with limonite	s arg	Çamyayla V.	Değirmen D.
HM100	ditto	s sil	Şapçı V.	ditto
HM101	Qz vein with limo (float)		Şapçı V.	Gökçeoluk T.
HM102	Limo-qz (float)		Şapçı V.	ditto
HM105	Silicified rock (float)	vs sil	Şapçı V.	Dedeler
HM107	Limo-qz (float)		Şapçı V.	A.Çan T.
HM109	Silicified rock with limonite	s sil	Şapçı V.	Y.Karacalar
HM110	Sil rock with py	s sil	Şapçı V.	ditto
HM111	Silicified rock with limo(float)	s sil	Şapçı V.	ditto
HM112	Silicified rock with limonite	vs sil	Şapçı V.	S.Karacalar
HM119	Silicified rock with limo(float)	vs sil	Şapçı V.	N.Karacalar
HM122	Altered andesite with limo(float)		Şapçı V.	Y.Kök T.
HM123	ditto		Şapçı V.	ditto
HM125	Altered andesite with limonite	m arg	Şapçı V.	Kargacık D.
HM126	Silicified rock with limonite	m sil	Şapçı V.	ditto
HM127	Altered andesite with limo(float)	m arg	Şapçı V.	ditto
HM131	Altered andesite with py		Şapçı V.	Y.Çal T.

Table 3 Description of Chip Samples (5)

Zone B

Sample No.	Rock Name	Alleration	Formation	Location
HM134	Silicified rock with limonite	s sil	Şapçı V.	ditto
HM135	ditto(oxide ep)	s sil	Şapçı V.	ditto
HM136	Altered andesite with limonite	m arg	Şapçı V.	W.Çal T.
HM137	ditto	m arg	Şapçı V.	ditto
HM138	Silicified rock with limonite	m sil	Şapçı V.	ditto
HM207	Silicified rock	vs sil	Şapçı F.	Kızıirtarta D.
HM208	Silicified rock (float)	vs sil	Şapçı F.	Örendag
HM209	Silicified rock	vs sil	Şapçı F.	ditto
HM210	Silicified rock(brecciated)	vs sil	Şapçı F.	ditto
HM211	ditto	vs sil	Şapçı F.	ditto
HM212	ditto	vs sil	Şapçı F.	ditto
KB058	Andesite	w sil, m arg	Şapçı V.	NW.Muratlar
KB059	ditto	w arg	Şapçı V.	W.Yeniköy Mah.
KB060	ditto	m sil, w arg	Şapçı V.	N.Hacıdervisli
KB061	ditto	s sil, w arg	Şapçı V.	ditto
KB062	ditto	s sil, w arg	Şapçı V.	ditto
KB063	ditto	w sil, m arg	Şapçı F.	WSW.Karibrahi
KB064	ditto	w sil, w arg	Şapçı F.	Karibrahipler
KB065	ditto	m sil, w arg	Şapçı F.	ditto
KB066	Andesite	w sil, w arg	Şapçı F.	NE.Karibrahi
KB067	ditto	m sil, w arg	Şapçı F.	NE.Karibrahi
KB069	Meta volcanics		Taşdibek F.	NW.Akpınar
KB071	Granodiorite	w arg	Intrusive	ditto
KB072	Limo-qz vein in gd		Intrusive	ditto
KB073	Porphyritic granite	w sil, m arg	Intrusive	ditto
KB074	Limo-qz vein in gd		Intrusive	N.Akpınar
KB075	Fine tuff	w sil, w arg	Şapçı F.	ditto
KB076	Meta volcanics	skarn	Taşdibek F.	ditto
KB077	Sandy tuff		Şapçı F.	ENE.Akpınar
KB078	Fine - sandy tuff	m sil, w arg	Şapçı F.	Kocataş T.
KB079	Fine tuff	s sil, w arg	Şapçı F.	ditto
KB080	ditto	ditto	Şapçı F.	ditto
KB081	Qz vein in andesite	s sil, w arg	Şapçı F.	ditto
KB082	Schist		Taşdibek F.	SE.Kocataş T.
KB083	Limo-qz vein	vein	Taşdibek F.	ditto
KB085	Silicified rock	s sil, vw arg	Şapçı F.	ditto
KB086	ditto	ditto	Şapçı F.	ditto
KB087	Lapilli tuff	v w sil, w arg	Şapçı F.	ditto
KB088	Tuff	s sil, w arg	Şapçı F.	ditto
KB089	ditto	m sil, w arg	Şapçı F.	SES.Inkaya T.
KB090	Henatite in schist	skarn	Taşdibek F.	Akpınar
KB091	Henatitized rock	skarn	Taşdibek F.	ditto
KB092	Conglomerate	w arg	Kirazlı C.	WSW.Akpınar
KB093	Green schist		Taşdibek F.	ditto
KB094	Fine tuff	s sil, vw arg	Şapçı F.	ditto
KB095	Schist	m arg	Taşdibek F.	SW.Akpınar
KB096	Green schist		Taşdibek F.	ditto
KB098	Andesitic tuff (float)	s sil, vw arg	Şapçı F.	NE.Çaltı Mah.
KB101	Andesite	s arg	Şapçı F.	E.Çaltı Mah.
KB104	Agglomerate	vw sil, w arg	Şapçı F.	ditto

Table 3 Description of Chip Samples (6)

Zone B

Sample No.	Rock Name	Alteration	Formation	Location
KB105	ditto	vw to m arg	Şapçı F.	ditto
KB107	Andesite	w sil, m arg	Şapçı F.	Çaltıkara
KB108	ditto	s sil, w arg	Şapçı F.	ditto
KB109	Agglomerate	w sil, m arg	Şapçı F.	ditto
KB110	ditto	m sil, w arg	Şapçı F.	ESE Çaltıkara
KB112	Qz vein in andesitic tuff		Şapçı F.	SE Hacıkasım
KB114	Agglomerate	w sil, m arg	Şapçı F.	ditto
KB118	ditto	v w sil, m arg	Şapçı F.	Ardıçlıkıra
KB119	Lapilli tuff	w arg	Şapçı F.	ditto
KB120	Silicified rock (float)	s sil	Şapçı F.	Ducek Sr
KB121	Lapilli tuff	vw sil, m arg	Şapçı F.	ditto
KB122	ditto	s sil	Şapçı F.	Deve yolu
KB124	Andesite	vw sil, m arg	Şapçı F.	ditto
KB125	Tuff	vw sil, m arg	Şapçı F.	ditto
KB126	Andesite	w sil, w arg	Şapçı F.	Deve yolu
KB127	ditto	w sil, w arg	Şapçı F.	S. Hacıkasım
KB130	Silicified rock (float)	s sil	Şapçı F.	Ducek Sr
KB131	Fine tuff (float)	m sil, vw arg	Şapçı F.	ditto
KB132	Tuff (float)	s sil	Şapçı F.	ditto
KB134	Andesite	w arg	Şapçı F.	Çamlıdüz
KB135	Tuff	vw sil, m arg	Şapçı F.	Kılıçlanmıs
KB136	Tuff	w m sil, w arg	Şapçı F.	ditto
KB137	Andesite	w m sil, w arg	Şapçı F.	ditto
KB138	Silicified rock	s sil	Şapçı F.	Sazlı Dere
KB139	ditto	s sil	Şapçı F.	ditto
KB141	Silicified rock (float)	s sil	Şapçı F.	N. Kılıçlanmıs
KB142	ditto	s sil	Şapçı F.	ditto
KB143	ditto	s sil	Şapçı F.	Urek Dere
KB145	ditto	m sil	Şapçı F.	ditto
KB146	ditto	m sil	Şapçı F.	ditto
KB147	ditto	m sil	Şapçı F.	ditto
KB149	Fine tuff (float)	w sil, w arg	Şapçı F.	Düzpınar Mvk.
KB154	Qz vein (float)	vein	Kirazlı C.	Dede. T.
KB155	Limo-Qz vein in schist	vein	Taşdibek F.	Yellice T.
KB158	Tuff	vw sil, w arg	Şapçı F.	Karibrahimler
KB159	Hem-arg vein in andesite	vein	Şapçı F.	ditto
KB160	Andesite	w sil	Şapçı F.	E. Karibrahim
KB161	Silicified rock	s sil	Şapçı F.	ditto
KB162	Malachite-qz vein	vein	Şapçı F.	NW Çaltıkara
KB164	Silicified rock (float)	s sil	Şapçı F.	Büyükçukur Dağı
KB165	ditto	s sil	Şapçı F.	ditto
KB166	ditto	s sil	Şapçı F.	ditto
KB167	ditto	s sil	Şapçı F.	ditto
KB168	Sil rock with limonite	s sil	Şapçı F.	ditto
KB169	Silicified rock	s sil	Şapçı F.	ditto
KB170	Brecciated sil rock	s sil	Şapçı F.	ditto
KB171	Porous silicified rock	s sil	Şapçı F.	ditto
KB172	Sil rock with py	s sil	Şapçı F.	ditto
KB173	Silicified rock	s sil	Şapçı F.	ditto
KB174	Silicified rock with py(float)	s sil	Şapçı F.	ditto

Table 3. Description of Chip Samples (7)

Zone B

Sample No.	Rock Name	Alteration	Formation	Location
KB176	Andesite	w sil, m arg	Şapçı F.	İlaçdervisler M.
KB177	ditto	m sil, w arg	Şapçı F.	ditto
KB178	Porous sil rock (float)	s sil	Şapçı F.	Davulçalı T.
KB180	Silicified rock	s sil	Şapçı F.	ditto
KB181	ditto	s sil	Şapçı F.	ditto
KB182	Brecciated sil rock	s sil	Şapçı F.	ditto
KB183	ditto with limonite	s sil	Şapçı F.	ditto
KB184	Silicified rock	s sil	Şapçı F.	ditto
KB185	Andesite	w sil, m arg	Şapçı F.	Geldiren T.
KB186	Porous silicified andesite	s sil	Şapçı F.	ditto
KB187	Limo-sil vein in andesite	sil	Şapçı F.	ditto
KB188	Qz vein (float)	vein	Şapçı F.	ditto
KB189	Weathered andesite	w sil, m arg	Şapçı F.	ditto
KB190	Silicified rock	s sil	Şapçı F.	ditto
KB191	Sil rock with diss py (float)	m sil, w arg	Şapçı F.	ditto
KB200	Qz float	vein	Şapçı F.	Karatepe
KB202	Silicified andesite	s sil	Şapçı F.	ditto
KB203	Altered andesite	m s arg	Şapçı F.	ditto
KB204	Silicified vein in andesite	m sil, w arg	Şapçı F.	ditto
KB205	Clay in andesite	s arg	Şapçı F.	ditto
KB206	Andesite	m sil, w arg	Şapçı F.	ditto
KB207	Andesite with limo	m sil, w arg	Şapçı F.	ditto
KB208	Silicified rock	vs sil	Şapçı F.	ditto
KB209	Andesite	s sil	Şapçı F.	ditto
KB210	Silicified rock (float)	vs sil	Şapçı F.	Taşgöl T.
KB211	Brecciated sil rock (float)	s sil	Şapçı F.	ditto
KB212	Silicified rock	vs sil	Şapçı F.	ditto
TS045	Altered tuff	m s arg	Şapçı V.	Yamaca Mvk
TS046	Silicified rock (andesite)	s sil	Şapçı V.	Yukarışapçı
TS047	ditto	s sil, w m arg	Şapçı V.	ditto
TS048	Silicified rock with py	m s sil, m arg	Şapçı V.	ditto
TS050	ditto	m s sil, m arg	Şapçı V.	ditto
TS051	Argillized tuff(?)	m s arg	Şapçı V.	Sogut D
TS052	ditto	m s arg	Şapçı V.	ditto
TS053	Silicified tuff	m sil	Şapçı V.	ditto
TS058	Silicified rock with py	s sil	Şapçı V.	Gök gedığı
TS059	Silicified tuff	m sil	Şapçı V.	Dislik T.
TS061	Silicified andesite	m sil	Şapçı V.	ditto
TS063	ditto	s sil	Şapçı V.	Taş T
TS065	Silicified andesite	vs sil	Şapçı V.	Gökgedığı D.
TS066	ditto	s sil	Şapçı V.	ditto
TS067	ditto	m sil	Şapçı V.	ditto
TS069	ditto	m sil, m arg	Şapçı V.	ditto
TS070	Silicified tuff breccia	m sil, m arg	Şapçı V.	Sumbultas Mvk
TS071	Silicified andesite	s sil, m arg	Şapçı V.	Sumbultas Mvk
TS072	ditto	s m sil	Şapçı V.	ditto
TS074	ditto	m sil, w arg	Şapçı V.	ditto
TS075	ditto	m sil, w arg	Şapçı V.	ditto
TS077	Silicified andesite	w m sil	Şapçı V.	ditto
TS081	Qz vein (float)		Şapçı V.	Akcaalan D.

Table 3 Description of Chip Samples (8)

Zone B

Sample No.	Rock Name	Alteration	Formation	Location
TS083	Silicified andesite	m sil	Şapçı V.	ditto
TS085	Altered andesite	m sil	Şapçı V.	ditto
TS087	Qz vein (float)		Şapçı V.	ditto
TS088	Altered andesite	m sil, m arg	Şapçı V.	ditto
TS090	Silicified andesite	m sil, w arg	Şapçı V.	Karakuşyuvası
TS091	ditto	m sil, w arg	Şapçı V.	ditto
TS092	ditto	m sil	Şapçı V.	ditto
TS094	Brecciated rock	s sil, w arg	Şapçı V.	ditto
TS095	Silicified rock	vs sil	Şapçı V.	Gökcesme Köy
TS096	Altered andesite	w sil, w arg	Şapçı V.	ditto
TS098	ditto	m sil, m arg	Şapçı V.	Akcaalan D.
TS099	Silicified andesite	s sil	Şapçı V.	Ala dag road
TS100	Argillized andesite	m sil, m arg	Şapçı V.	ditto
TS101	Silicified andesite	m sil, w arg	Şapçı V.	ditto
TS103	Altered andesite	m sil, w arg	Şapçı V.	ditto
TS104	ditto	m sil, m arg	Şapçı V.	ditto
TS105	ditto	m sil, m arg	Şapçı V.	ditto
TS106	ditto	m sil, m arg	Şapçı V.	ditto
TS107	ditto	m sil, m arg	Şapçı V.	ditto
TS108	ditto	m sil, w arg	Şapçı V.	ditto
TS109	Sil & limo vein 20cm		Şapçı V.	ditto
TS110	Altered andesite	s sil, w arg	Şapçı V.	ditto
TS112	ditto	s sil, m arg	Şapçı V.	ditto
TS113	Silicified rock	s sil	Şapçı V.	ditto
TS114	Silicified andesite	m sil, w arg	Şapçı V.	ditto
TS115	ditto	s sil	Şapçı V.	ditto
TS116	ditto	m sil, w arg	Şapçı V.	Adibren D.
TS117	Silicified andesite	m sil, w arg	Şapçı V.	ditto
TS118	Iron oxides		Şapçı V.	ditto
TS124	Altered sandstone	m sil	Kirazlı C.	Çetlemik T.
TS125	ditto	m sil, w arg	Kirazlı C.	ditto
TS126	Altered conglomerate with S	m sil, m arg	Kirazlı C.	ditto
TS127	Qz vein (float)		Kirazlı C.	ditto
TS130	Altered conglomerate	m sil, w arg	Kirazlı C.	Sarp D.
TS131	Altered andesite	w sil, w arg	Şapçı V.	Yenbek D.
TS136	Silicified rock (float)	vs sil	Şapçı V.	Ada T.
TS137	ditto	vs sil	Şapçı V.	ditto
TS138	Silicified rock	s sil	Şapçı V.	ditto
TS139	Biotite andesite	w sil, w arg	Şapçı V.	Ada T.
TS140	Silicified rock	vs sil	Şapçı V.	ditto
TS141	ditto	vs sil	Şapçı V.	ditto
TS142	ditto	vs sil	Şapçı V.	ditto
TS143	ditto	vs sil	Şapçı V.	ditto
TS145	Silicified rock	s sil	Şapçı V.	ditto
TS146	Silicified rock	vs sil	Şapçı V.	ditto
TS147	ditto	s sil	Şapçı V.	ditto
TS148	Brecciated sil rock	vs sil	Şapçı V.	ditto
TS149	Silicified rock (float)	vs sil	Şapçı V.	Kökyakan D.
TS150	ditto	vs sil	Şapçı V.	ditto
TS151	ditto	vs sil	Şapçı V.	ditto

Table 3 Description of Chip Samples (9)

Zone B

Sample No.	Rock Name	Alteration	Formation	Location
TS152	Silicified rock	s sil	Şapçı V.	ditto
TS153	Altered andesite	m sil, w arg	Şapçı V.	Egildere
TS154	ditto	w sil, m arg	Şapçı V.	ditto
TS155	ditto	w sil, m arg	Şapçı V.	ditto
TS156	ditto	w sil, w arg	Şapçı V.	ditto
TS158	Brecciated andesite	m sil, w arg	Şapçı V.	ditto
TS159	Fault clay (wd:20cm)	m arg	Şapçı V.	ditto
TS160	Altered andesite	m arg	Şapçı V.	ditto
TS161	ditto	m sil, m arg	Şapçı V.	ditto
TS162	Brecciated rock with hem		Şapçı V.	ditto
TS163	Altered andesite	m sil, m arg	Şapçı V.	ditto
TS164	Argillized rock with py	s arg	Şapçı V.	ditto
TS165	Iron oxides		Şapçı V.	ditto
TS167	Brecciated rock	m sil, w arg	Şapçı V.	ditto
TS168	Iron oxides		Şapçı V.	ditto
TS169	Qz vein in sil andesite		Şapçı V.	ditto
TS171	Qz vein in oxidized rock		Şapçı V.	Ala Dağı
TS172	Silicified andesite	m sil, m arg	Şapçı V.	ditto
TS173	ditto	m sil, w arg	Şapçı V.	ditto
TS174	ditto	m sil, w arg	Şapçı V.	ditto
TS175	Silicified rock	m sil, w arg	Şapçı V.	ditto
TS176	Silicified andesite	m sil, w arg	Şapçı V.	ditto
TS177	Silicified rock	m sil, w arg	Şapçı V.	ditto
TS178	Silicified andesite	m sil, w arg	Şapçı V.	ditto
TS180	ditto	m sil, w arg	Şapçı V.	ditto
TS181	Silicified andesite with S	m sil, m arg	Şapçı V.	ditto
TS182	Silicified andesite	m sil	Şapçı V.	ditto
TS183	ditto	m sil, w arg	Şapçı V.	ditto
TS184	Altered andesite	w sil, m arg	Şapçı V.	ditto
TS185	ditto	w sil, m arg	Şapçı V.	ditto
TS186	Altered andesite	w sil, w arg	Şapçı V.	Haytı D.
TS187	Brecciated rock	s sil, w arg	Şapçı V.	Düzpüren Mvk
TS189	Silicified rock	s sil, w arg	Şapçı V.	Şapçı kırığı
TS191	Iron oxides		Şapçı V.	ditto
TS192	Silicified rock	vs sil	Şapçı V.	ditto
TS195	Iron oxides		Şapçı V.	ditto
TS196	ditto		Şapçı V.	ditto
TS198	Altered andesite	m sil, m arg	Şapçı V.	ditto
TS199	Silicified rock	s sil	Şapçı V.	Y. Dede T.
TS201	Altered andesite	m sil, w arg	Şapçı V.	ditto
TS202	ditto	m sil, w arg	Şapçı V.	ditto
TS205	Altered andesite	m sil, w arg	Şapçı V.	ditto
TS206	ditto	m sil, w arg	Şapçı V.	ditto
TS207	Altered andesite	m sil, w arg	Şapçı V.	ditto
TS209	Altered andesite	w sil, w arg	Şapçı V.	ditto
TS210	Silicified rock	vs sil	Şapçı V.	Küçükkaladag
TS211	ditto	vs sil	Şapçı V.	Kocayatak Mvk
TS212	Brecciated sil rock	vs sil	Şapçı V.	ditto
TS213	Iron gossanized rock(brecciated)		Şapçı V.	ditto
TS214	Silicified rock	vs sil	Şapçı V.	ditto

Table 3 Description of Chip Samples (10)

Zone B

Sample No.	Rock Name	Alteration	Formation	Location
TS215	Altered rock	m sil, w arg	Şapçı V.	Şapçı Çayı
TS217	ditto	m sil, w arg	Şapçı V.	Akvalı T.
TS219	Silicified andesite with py	s sil	Şapçı V.	Dogan D.
TS220	Iron oxides with hem & limo		Şapçı V.	ditto
TS221	Silicified andesite	m sil	Şapçı V.	ditto
TS222	Silicified rock	s sil	Şapçı V.	Yurttaş Mvk
TS223	Silicified rock with hematite	vs sil	Şapçı V.	Ala dag
TS224	Brecciated rock with hem	s sil	Şapçı V.	ditto
TS225	Altered andesite	m sil, w arg	Şapçı V.	Akvalı T.
TS226	Silicified rock with hem(float)	s sil	Şapçı V.	ditto
TS230	Iron oxides(brecciated)	m sil	Şapçı V.	Kestane Dag
TS231	ditto	m sil	Şapçı V.	ditto
TS232	Silicified brec rock	s sil	Şapçı V.	ditto
KS094	Andesite with qz veinlet	w sil, w arg	Çamyayla F.	Fisat T.
KS097	Fine tuff with py	s sil	Çamyayla F.	ditto
KS101	Hematite with Mn oxides		Çamyayla F.	Kocayokus T.
KS108	Silicified rock		Çamyayla F.	Arpa T.
KS115	Andesitic tuff	w sil	Çamyayla F.	Tuzluk Dag
KS116	Andesitic tuff	w sil	Çamyayla F.	Tuzluk Dag
KS131	Silicified rock	s sil	Şapçı V.	Akmaçakı T.
KS132	Silicified rock (float)	s sil	Şapçı V.	ditto
KS133	Silicified rock	s sil	Şapçı V.	ditto
KS134	Silicified rock	m sil	Şapçı V.	ditto
KS136	Silicified rock	vs sil	Şapçı V.	ditto
KS137	Fine tuff	s sil	Şapçı V.	ditto
KS141	Fine tuff	s sil	Şapçı V.	ditto
KS147	Silicified rock (float)	s sil	Şapçı V.	Botanoluk T.
KS148	ditto	s sil	Şapçı V.	ditto
KS150	Silicified rock	s sil	Şapçı V.	Tevrice T.
KS163	Silicified rock (float)	vs sil	Şapçı V.	ditto
KS164	Silicified rock	vs sil	Şapçı V.	ditto
KS165	ditto	vs sil	Şapçı V.	ditto
KS166	ditto	vs sil	Şapçı V.	ditto
KS167	ditto	vs sil	Şapçı V.	ditto
KS168	ditto	vs sil	Şapçı V.	ditto
KS172	Silicified rock (float)	vs sil	Şapçı V.	ditto
KS173	ditto	vs sil	Şapçı V.	ditto
KS175	ditto	vs sil	Şapçı V.	Alanbşı T.
KS185	Sil with qz veinlets	s sil	Şapçı V.	ditto
KS186	Limestone with py	skarn	Şapçı V.	ditto
KS187	Silicified rock (float)	vs sil	Şapçı V.	ditto
KS188	Silicified rock	vs sil	Şapçı V.	ditto
KS189	Quartz vein		Intrusive	ditto
KS191	Silicified rock	vs sil	Şapçı V.	ditto
KS193	Silicified rock (float)	vs sil	Şapçı V.	ditto
KS194	ditto	vs sil	Şapçı V.	ditto
KS196	Meta volcanics (float)	vs sil	Taşdibek F.	ditto
KS197	Silicified rock (float)	vs sil	Şapçı V.	Kocatas T.
KS199	ditto	m sil	Şapçı V.	ditto
KS200	ditto	vs sil	Şapçı V.	ditto

Table 3. Description of Chip Samples (11)

Zone B

Sample No.	Rock Name	Alteration	Formation	Location
KS201	Andesite	w sil	Şapçı V.	ditto
KS202	Silicified rock (float)	vs sil	Şapçı V.	ditto
KS203	ditto	vs sil	Şapçı V.	ditto
KS204	ditto	vs sil	Şapçı V.	ditto
KS205	Silicified rock	vs sil	Şapçı V.	ditto
KS206	ditto	s sil	Şapçı V.	ditto
KS209	Andesite	w sil, m arg	Şapçı V.	Kocatas D.
KS210	Silicified rock	vs sil	Şapçı V.	ditto
KS211	Silicified rock	vs sil	Şapçı V.	ditto
KS212	Silicified rock	vs sil	Şapçı V.	ditto
KS213	Silicified rock	vs sil	Şapçı V.	Inkaya T.
KS214	Silicified rock	vs sil	Şapçı V.	ditto
KS215	silicified rock	vs sil	Şapçı V.	ditto
KS216	Silicified rock (float)	vs sil	Şapçı V.	Inkaya T.
KS217	Andesite	m sil	Şapçı V.	ditto
KS218	Silicified rock (float)	vs sil	Şapçı V.	ditto
NY052	Andesitic tuff	w arg	Çamyayla F.	Çamyayla köyü
NY053	Qz vein in andesite		Çamyayla F.	ditto
NY057	Andesitic tuff with py	w sil	Çamyayla F.	Çanakçı D.
NY058	Altered andesitic tuff	w sil, m arg	Çamyayla F.	Osmanlar Mah.
NY059	ditto	ditto	Çamyayla F.	ditto
NY060	ditto	m arg	Çamyayla F.	ditto
NY061	Qz vein in andesite		Çamyayla F.	ditto
NY067	Altered andesite with limo	w arg	Osmanlar V.	Nurkayası D.
NY070	Limonitic andesite	m arg	Osmanlar V.	ditto
NY071	Altered andesite	m arg	Osmanlar V.	ditto
NY072	Altered andesite with py	m sil	Şapçı V.	E.Kurt T.
NY073	Limonitic andesite with py	s sil	Şapçı V.	ditto
NY074	Silicified rock	s sil, w arg	Şapçı V.	ditto
NY075	Silicified rock	vs sil	Şapçı V.	Kurt T.
NY076	Argillized andesite	s arg	Şapçı V.	Kurt T.
NY077	ditto	s arg	Şapçı V.	ditto
NY078	Silicified rock with py	s sil	Şapçı V.	Gökbüyet D.
NY079	ditto	s sil	Şapçı V.	ditto
NY080	Altered andesite	w sil, m arg	Şapçı V.	ditto
NY081	Silicified rock	s sil, w arg	Şapçı V.	ditto
NY082	Silicified rock with limo	s sil	Şapçı V.	ditto
NY083	Altered andesite	w sil, s arg	Şapçı V.	ditto
NY084	ditto	w sil, w arg	Şapçı V.	ditto
NY085	ditto	m arg	Şapçı V.	ditto
NY086	Silicified rock with py	s sil	Şapçı V.	ditto
NY087	ditto	s sil	Şapçı V.	ditto
NY088	ditto	s sil	Şapçı V.	ditto
NY089	Altered andesite	m arg	Şapçı V.	E.Kirazlı Köy
NY091	Silicified rock	vs sil	Şapçı V.	ditto
NY092	Silicified andesite	s sil	Şapçı V.	Bustanoluk T.
NY093	Silicified rock	vs sil	Şapçı V.	ditto
NY094	ditto	vs sil	Şapçı V.	ditto
NY095	Silicified rock with limo	vs sil	Şapçı V.	Göktepe
NY096	Silicified rock	vs sil	Şapçı V.	ditto

Table 3 Description of Chip Samples (12)

Zone B

Sample No.	Rock Name	Alteration	Formation	Location
NY097	ditto	vs sil	Şapçı V.	ditto
NY098	ditto	vs sil	Şapçı V.	ditto
NY100	Altered andesite	m arg	Şapçı V.	Kızılcaklı D.
NY101	ditto	m arg	Şapçı V.	ditto
NY102	ditto	m arg	Şapçı V.	ditto
NY104	Silicified rock	vs sil	Şapçı V.	N. Gücük B.
NY105	ditto	vs sil	Şapçı V.	ditto
NY106	ditto	vs sil	Şapçı V.	S. Gücük B.
NY107	ditto	vs sil	Şapçı V.	ditto
NY108	Altered andesite	m arg	Şapçı V.	NE. Boğa T.
NY109	Silicified rock	vs sil	Şapçı V.	ditto
NY111	Andesite with limo	sil	Şapçı V.	Y. Boğa T.
NY115	Andesitic tuff	s sil	Şapçı V.	N. Kerpiçli G.
NY116	ditto	s sil	Şapçı V.	ditto
NY117	Tuff breccia with limo	m sil	Şapçı V.	Hacıkarı D.
NY119	Tuff with limo	m sil	Şapçı V.	ditto
NY120	Silicified rock with limo	s sil	Şapçı V.	E. Kök T.
NY121	Altered andesite	m arg	Şapçı V.	Hacıkarı D.
NY123	ditto	w arg	Şapçı V.	ditto
NY124	ditto	m arg	Şapçı V.	ditto
NY126	Silicified rock	m sil, w arg	Şapçı V.	ditto
NY127	Altered andesite	s arg	Şapçı V.	ditto
NY128	Tuff breccia with limo(fault)	s sil	Şapçı V.	ditto
NY129	Altered andesite	s arg	Şapçı V.	ditto
NY130	Silicified rock	s sil	Şapçı V.	ditto
NY132	ditto	s sil	Şapçı V.	Yaylayurt S.
NY133	Tuff breccia with limo	w sil	Şapçı V.	ditto
NY139	Silicified rock	vs sil	Şapçı V.	Göktepe
NY140	Andesite	m arg	Şapçı V.	Y. Kocaçaklı T.
NY141	ditto	s sil, w arg	Şapçı V.	SE. Göktepe
HB053	Andesite	m sil	Şapçı V.	İşalam sırtları
HB054	Silicified rock	m sil	Şapçı V.	ditto
HB055	ditto	m sil	Şapçı V.	Doğan D.
HB056	Pyroclastic rock	m sil	Şapçı V.	Inkaya T.
HB057	Silicified rock	m sil	Şapçı V.	ditto
HB060	Brecciated silicified rock	m sil	Şapçı V.	Güvenalanı T.
HB061	Silicified pyroclastic rock	m sil	Şapçı V.	ditto
HB062	Silicified andesite	m sil	Şapçı V.	ditto
HB063	Silicified rock	m sil	Şapçı V.	ditto
HB065	Silicified andesite	m sil	Şapçı V.	Sarıtaş T.
HB066	Silicified rock	m sil	Şapçı V.	ditto
HB067	ditto	m sil	Şapçı V.	ditto
HB072	ditto	m sil	Şapçı V.	Piren T.
HB073	ditto	m sil	Şapçı V.	ditto
HB075	ditto	m sil	Şapçı V.	ditto
HB076	ditto	m sil	Şapçı V.	ditto
HB077	Brecciated silicified rock	m sil	Şapçı V.	ditto
HB078	Silicified rock	m sil	Şapçı V.	ditto
HB079	Brecciated silicified rock	m sil	Şapçı V.	ditto
HB080	Silicified rock	m sil	Şapçı V.	ditto

Table 3 Description of Chip Samples (13)

Zone B

Sample No.	Rock Name	Alteration	Formation	Location
HB081	ditto	m sil	Şapçı V.	ditto
HB082	ditto	m sil	Şapçı V.	ditto
HB083	ditto	m sil	Şapçı V.	ditto
HB085	Andesite	w sil	Şapçı V.	ditto
HB087	Silicified rock	s sil	Şapçı V.	Geldiren T.
HB088	ditto	s sil	Şapçı V.	ditto
HB089	Silicified rock	s sil	Şapçı V.	Geldiren T.
HB095	Silicified tuff	s sil	Şapçı V.	Hacıdervisler M.
HB096	Silicified andesite	s sil, m arg	Şapçı V.	ditto
HB097	Pyroclastic rock	m arg	Şapçı V.	Geldiren T.
HB098	Silicified rock	s sil	Şapçı V.	ditto
HB099	ditto	s sil	Şapçı V.	ditto
HB100	ditto	s sil	Şapçı V.	ditto
HB101	ditto	s sil, w arg	Şapçı V.	ditto
HB102	Silicified andesite	m sil	Şapçı V.	Piren T.
HB104	Andesite	m arg	Şapçı V.	ditto
HB109	ditto	m arg	Şapçı V.	Muratlar
HB110	ditto	w sil	Şapçı V.	Tilki D.
HB111	ditto	w arg	Şapçı V.	ditto
HB112	ditto	w arg	Şapçı V.	ditto
HB113	ditto	w arg	Şapçı V.	ditto
HB114	Brecciated andesite	w sil	Şapçı V.	ditto
HB116	ditto	w sil	Şapçı V.	ditto
HB117	Brecciated andesite	w sil	Şapçı V.	ditto
HB118	Andesite	m sil	Şapçı V.	Tilki D.
HB124	Silicified rock	m sil	Şapçı V.	Çamyayla
HB125	ditto	m sil	Şapçı V.	ditto
HB126A	ditto	m sil	Şapçı V.	Kocabıyık D.
HB126B	Brecciated silicified rock	m sil	Şapçı V.	Kocataş T.
HB127	Silicified rock	m sil	Şapçı V.	ditto
HB128	Brecciated silicified rock	m sil	Şapçı V.	ditto
HB133	Andesite	m arg	Şapçı V.	Kara T.
HB135	ditto	m sil	Şapçı V.	ditto
HB137	ditto	m sil, m arg	Şapçı V.	ditto
HB138	Silicified rock	s sil	Şapçı V.	ditto
HB139	Brecciated silicified rock	s sil	Şapçı V.	ditto
HB141	Andesite	m sil	Şapçı V.	ditto
HB144	Silicified rock	s sil	Şapçı V.	Çaltıkara
HB146	Qz vein		Şapçı V.	ditto
HB147	Silicified rock	s sil	Şapçı V.	ditto
HB149	ditto	s sil	Şapçı V.	ditto
HB150	Andesite	m sil	Şapçı V.	ditto
HB151	ditto	w arg	Şapçı V.	Küçükdere
HB152	Silicified rock	s sil	Şapçı V.	Kozalan
HB153	ditto	s sil	Şapçı V.	ditto
HB154	Andesite	m sil	Şapçı V.	Naralık D.
HB156	Silicified rock	s sil	Şapçı V.	Kocataş
HB157	ditto	s sil	Şapçı V.	ditto
HB158	ditto	s sil	Şapçı V.	ditto
HB159	ditto	s sil	Şapçı V.	Köpek D.

Table 3 Description of Chip Samples (14)

Zone B

Sample No.	Rock Name	Alteration	Formation	Location
HB160	Silicified rock	s sil	Şapçı V.	Killik T.
HB163	Andesite	m sil	Şapçı V.	Yayla T.
HB164	Silicified vein in andesite	m sil	Şapçı V.	ditto
HB166	ditto	m sil	Şapçı V.	ditto
HB167	Andesite	m sil	Şapçı V.	ditto
HB169	ditto	m arg	Şapçı V.	ditto
HB171	Andesite	m sil, m arg	Şapçı V.	Geldiren T.
HB172	ditto	m sil, m arg	Şapçı V.	ditto
HB174	Silicified rock	s sil	Şapçı V.	Piren T.
HB175	Siliceous vein	s sil	Şapçı V.	Kuzguntas
HS071	Silicified andesitic tuff	s sil, m arg	Şapçı V.	Yanaca Mvk
HS072	Andesitic tuff	m arg	Şapçı V.	ditto
HS075	Andesitic tuff with py	m sil	Şapçı V.	Yukarışapçı
HS076	Iron oxides(hem & limo)		Şapçı V.	ditto
HS077	ditto		Şapçı V.	ditto
HS078	Andesite	m arg	Şapçı V.	ditto
HS080	Andesite with py	m sil	Şapçı V.	ditto
HS081	Andesite	m sil	Şapçı V.	ditto
HS082	Andesite with py	m sil	Şapçı V.	ditto
HS083	Andesitic tuff with malachite	m sil	Şapçı V.	ditto
HS084	Andesite	w sil, m arg	Şapçı V.	Tombaktas M.
HS085	ditto	m arg	Şapçı V.	ditto
HS086	Silicified rock with hem	vs sil	Şapçı V.	Tombaktas Mvk
HS087	Tuff	s sil	Şapçı V.	ditto
HS088	Silicified rock	vs sil	Şapçı V.	ditto
HS089	ditto	vs sil	Şapçı V.	ditto
HS090	Andesite	m arg	Şapçı V.	ditto
HS091	Andesite with py	m sil	Şapçı V.	ditto
HS092	ditto	m sil	Şapçı V.	Sırakayalar Mvk
HS093	ditto	w arg	Şapçı V.	Ocak D.
HS094	Andesite with py & stibnite	m sil	Şapçı V.	ditto
HS095	Silicified rock with qz vein	vs sil	Şapçı V.	ditto
HS096	Siltstone and fine tuff	w arg	Şapçı V.	ditto
HS101	Andesite	m arg	Şapçı V.	ditto
HS104	Silicified rock	vs sil	Şapçı V.	Aşağışapçı
HS106	Porous silicified rock	vs sil	Şapçı V.	Hacıdervişler M
HS107	Brecciated silicified rock	vs sil	Şapçı V.	ditto
HS110	Andesitic tuff with S	m arg	Şapçı V.	ditto
HS113	Andesite	s sil	Şapçı V.	ditto
HS114	Silicified rock with py	vs sil	Şapçı V.	ditto
HS117	ditto	vs sil	Şapçı V.	ditto
HS118	ditto	vs sil	Şapçı V.	ditto
HS119	ditto surface breccia	vs sil	Şapçı V.	ditto
HS120	Andesite	m sil, m arg	Şapçı V.	ditto
HS123	Silicified rock with py	vs sil	Şapçı V.	ditto
HS124	Andesitic tuff	m sil, m arg	Şapçı V.	ditto
HS126	Andesite	m arg	Şapçı V.	ditto
HS129	Silicified rock	vs sil	Şapçı V.	Aşağışapçı
HS131	Andesite	m sil, m arg	Şapçı V.	ditto
HS132	Iron oxides (hem & limo)(float)		Şapçı V.	ditto

Table 3. Description of Chip Samples (15)

Zone B

Sample No.	Rock Name	Alteration	Formation	Location
HS137	Silicified rock	vs sil	Şapçı V.	Kocayanal T.
HS138	Andesite	w sil, m arg	Şapçı V.	ditto
HS139	Tuff and siltstone	w arg	Şapçı V.	ditto
HS140	Highly siliceous rock	vs sil	Şapçı V.	Küçük T.
HS141	Pyritized andesite	m sil, m arg	Şapçı V.	ditto
HS142	ditto	m sil, m arg	Şapçı V.	ditto
HS144	Andesitic tuff with py	m sil	Şapçı V.	Karacaören T.
HS145	ditto	m sil, m arg	Şapçı V.	Karacaören T.
HS146	Silicified rock with qz vein	vs sil	Şapçı V.	ditto
HS147	Silicified rock with malachite	vs sil	Şapçı V.	ditto
HS150	Andesitic tuff	s sil	Şapçı V.	Düzpirna T.
HS151	Silicified rock	vs sil	Şapçı V.	ditto
HS152	Silicified rock with py	vs sil	Şapçı V.	ditto
HS154	Andesitic tuff	s sil	Şapçı V.	Ayva D.
HS155	Silicified rock with qz vein	vs sil	Şapçı V.	ditto
HS157	ditto	vs sil	Şapçı V.	ditto
HS158	ditto	vs sil	Şapçı V.	ditto
HS160	Andesite with qz vein	s sil	Şapçı V.	Ayva D.
HS161	Andesitic tuff	s sil	Şapçı V.	Şapçakırı
HS163	Silicified rock	vs sil	Şapçı V.	Kestane D.
HS164	Silicified rock with qz	vs sil	Şapçı V.	ditto
HS168	ditto	vs sil	Şapçı V.	ditto
HS169	ditto	vs sil	Şapçı V.	ditto
HS170	Porous silicified rock	vs sil	Şapçı V.	ditto
HS171	ditto	vs sil	Şapçı V.	ditto
HS172	ditto	vs sil	Şapçı V.	ditto
HS173	Andesite	m sil	Şapçı V.	ditto
HS174	Silicified rock	s sil	Şapçı V.	ditto
HS175	Silicified rock with barite	vs sil	Şapçı V.	ditto
HS176	Porous sil rock with barite	vs sil	Şapçı V.	ditto
HS177	ditto	vs sil	Şapçı V.	ditto
HS178	Andesitic tuff	m sil, m arg	Şapçı V.	Çatalkaya T.
HS179	ditto	m sil, m arg	Şapçı V.	ditto
HS180	Silicified rock	vs sil	Şapçı V.	ditto
HS181	Qz vein (float)		Şapçı V.	ditto
HS182	Silicified rock	vs sil	Şapçı V.	ditto
HS183	Porous silicified rock	vs sil	Şapçı V.	ditto
HS184	ditto	vs sil	Şapçı V.	ditto
HS185	ditto	vs sil	Şapçı V.	ditto
HS186	Andesite	w sil, m arg	Şapçı V.	ditto
HS187	Andesitic tuff	w sil, m arg	Şapçı V.	ditto
HS190	Silicified rock	vs sil	Şapçı V.	ditto
HS192	Andesitic tuff	m sil, m arg	Şapçı V.	ditto
HS193	Andesite with py	m sil	Şapçı V.	Kestane dag
HS194	Andesitic tuff with py	m sil	Şapçı V.	ditto
HS195	Silicified rock with hem	vs sil	Şapçı V.	ditto
HS196	ditto (float)	vs sil	Şapçı V.	ditto
HS197	Porous silicified rock with limo	vs sil	Şapçı V.	Kilazlı dag
HS200	Andesitic tuff	m sil, m arg	Şapçı V.	ditto
HS201	Silicified rock	vs sil	Şapçı V.	ditto

Table 3 Description of Chip Samples (16)

Zone B

Sample No.	Rock Name	Alteration	Formation	Location
AK012	Silicified andesite	s sil	Çanyayla V.	Kuşuk B.
AK014	Altered andesite	m arg	Çanyayla V.	ditto
AK015	ditto	m arg	Çanyayla V.	Çanakçı D.
AK016	Altered qz porphyry	m arg	Intrusive	ditto
AK017	Altered andesite	m arg	Çanyayla V.	ditto
AK018	Altered andesite with limo	m arg	Çanyayla V.	ditto
AK020	ditto	m sil, m arg	Çanyayla V.	ditto
AK021	ditto	m arg	Çanyayla V.	E.Osmanlar Mah
AK022	ditto	m arg	Çanyayla V.	ditto
AK023	Altered andesite with py & limo	m arg	Çanyayla V.	ditto
AK024	ditto	m arg	Çanyayla V.	ditto
AK027	Altered andesite with limo	m arg	Çanyayla V.	ditto
AK028	ditto	m arg	Çanyayla V.	ditto
AK029	Qz-limo vein in andesite		Çanyayla V.	ditto
AK031	Altered andesite	m sil, m arg	Çanyayla V.	ditto
AK032	Qz vein in andesite		Çanyayla V.	ditto
AK038	ditto		Oamanlar V.	Asarlıkkaya Mah
AK039	Chalcedony (float)		Oamanlar V.	ditto
AK041	ditto		Oamanlar V.	Nurkayası D.
AK042	ditto		Oamanlar V.	ditto
AK043	Altered andesitic agglomerate	m arg	Oamanlar V.	Yaran T.
AK044	Altered andesite	m arg	Oamanlar V.	ditto
AK045	ditto	m arg	Oamanlar V.	N.Karacalar
AK051	Silicified rock	s sil	Şapçı F.	Değirmen D.
AK054	Altered andesite	m arg	Çanyayla V.	ditto
AK056	Qz vein in andesite		Çanyayla V.	ditto
AK057	Altered andesite	m arg	Çanyayla V.	E.Harmanbelen
AK059	ditto	m arg	Çanyayla V.	S.Tepelarla
AK060	ditto	m arg	Çanyayla V.	ditto
AK061	Silicified rock	s sil	Çanyayla V.	ditto
AK063	Altered andesite	m arg	Çanyayla V.	S.Çanyayla
AK064	ditto	m arg	Çanyayla V.	ditto
AK065	ditto	m arg	Çanyayla V.	ditto
AK067	ditto	m arg	Çanyayla V.	ditto
AK069	ditto	s sil	Çanyayla V.	K.Dağ T.
AK071	Silicified rock	s sil	Şapçı V.	S.Kök T.
AK073	ditto	s sil, m arg	Şapçı V.	ditto
AK074	ditto	s sil, m arg	Şapçı V.	ditto
AK075	ditto	m sil	Şapçı V.	ditto
AK076	Silicified rock with limonite	m sil	Şapçı V.	ditto
AK082	ditto	s sil	Şapçı V.	N.N.Kök T.
AK083	Altered andesite	m arg	Şapçı V.	ditto
AK084	ditto	m arg	Şapçı V.	ditto
AK086	ditto	m arg	Şapçı V.	SE.Çal T.
AK087	Altered andesite	m sil, m arg	Şapçı V.	E.Çal T.
AK090	Altered andesitic tuff	m arg	Şapçı V.	ditto
AK091	Altered andesite with qz vein	s sil, m arg	Şapçı V.	SW.Kirazlı
SR066	Silicified rock	vs sil	Şapçı V.	Kunar K.
SR070	Andesite	s sil	Şapçı V.	Aknaçakıl T.
SR071	Andesite	s sil	Şapçı V.	ditto

Table 3 Description of Chip Samples (17)

Zone B

Sample No.	Rock Name	Alteration	Formation	Location
SR073	Silicified rock	vs sil	Şapçı V.	ditto
SR074	Silicified rock	vs sil	Şapçı V.	ditto
SR089	Andesitic tuff with py	s sil	Çamyayla V.	Sivritepe
SR098	Silicified rock	s sil	Şapçı V.	Kavsara T.
SR100	Silicified rock	vs sil	Şapçı V.	ditto
SR110	Quartz vein in the schist		Taşdibek F.	Kokarot Sr.
SR120	Silicified rock with malachite	vs sil	Şapçı V.	Karıpca T.
SR121	Qz vein with specularite		Şapçı V.	ditto
SR124	Silicified rock with py	s sil	Şapçı V.	Bag T.
SR125	Silicified rock	vs sil	Şapçı V.	Çam T.
SR127	Silicified rock	vs sil	Şapçı V.	İşalan sırtarı
SR128	Silicified rock	vs sil	Şapçı V.	ditto
SR181	Silicified rock	vs sil	Şapçı V.	Karaburunlar T.

Table 3 Description of Chip Samples (18)

Zone C

Sample No.	Rock Name	Alteration	Formation	Location
HM008	Limonitic rock	s sil	Eneşe F.	Kayaktarla T.
HM012	Qz vein in meta-volcanics		Eneşe F.	S.Kayatarla T.
HM014	Silicified rock (float)	vs sil	Eneşe F.	Dikmenkorusu T.
HM015	ditto	vs sil	Eneşe F.	ditto
HM016	ditto	vs sil	Eneşe F.	ditto
HM017	Silicified rock	vs sil	Eneşe F.	ditto
HM018	Limonitic rock with qz vein	vs sil	Eneşe F.	ditto
HM019	Silicified rock	vs sil	Intrusive	Yaylayurt D.
HM020	Limonitic rock	m arg	Eneşe F.	ditto
HM021	Gd with qz veinlets	m sil, m arg	Intrusive	ditto
HM022	ditto	m sil, m arg	Intrusive	ditto
HM024	ditto	m sil, m arg	Intrusive	ditto
HM025	Limonitic rock	m sil, m arg	Intrusive	ditto
HM026	Gd with qz-mol veinlets	m sil, m arg	Intrusive	ditto
HM027	ditto	m sil, m arg	Intrusive	ditto
HM029	ditto	m sil, m arg	Intrusive	ditto
HM030	ditto	m sil, m arg	Intrusive	ditto
HM031	Gd with qz-mol-py	vs sil	Intrusive	ditto
HM032	ditto	vs sil	Intrusive	ditto
HM034	ditto	vs sil	Intrusive	ditto
KB001	Epi-chlorite rock(green skarn)		Eneşe F.	Dikmenkorusu
KB002	Hem-epi rock with malachite		Intrusive	ditto
KB003	ditto		Eneşe F.	ditto
KB004	Granodiorite(potassic zone ?)	m arg	Intrusive	Yaylayurt D.
KB008	Marble		Eneşe F.	Sıgırcık D.
KB010	Hem-skarn(malachite)		Eneşe F.	F.Üzünburun
KB012	Epi-hem-skarn(malachite)		Eneşe F.	Karataltepe
KB014	Meta vol.with diss hem		Eneşe F.	ditto
KB016	Marble	w sil	Eneşe F.	ditto
KB017	Marble with hematite	w sil	Eneşe F.	Lalebiten T.
KB018	Pelitic schist with skarn		Eneşe F.	ditto
KB019	Granodiorite with limo-qz(float)		Intrusive	F.Lalebiten T.
KB020	Mo-py-cp(?) vein in gd(vein)		Intrusive	ditto
KB021	Hematite-skarn in marble		Eneşe F.	ditto
KB022	Gd with diss.py-cp(?)		Intrusive	Domuzdama D.
KB025	Green schist with py diss		Eneşe F.	ditto
KB026	Schist	arg	Eneşe F.	Ortaburun
KB027	Pelitic schist	arg	Eneşe F.	ditto
KB029	Quartz porphyry		Intrusive	Sarıdere
KB030	Marble		Eneşe F.	ditto
KB032	Meta conglomerate		Eneşe F.	ditto
KB033	Hematitized marble	skarn	Eneşe F.	Taşbaşı tarlalığı
KB034	Gd with qz veinlets(phyllitic zone)	m arg	Intrusive	Domuzdama D.
KB035	Granodiorite(phyllitic zone)	m arg	Intrusive	ditto
KB040	Gd with qz vein(phyllitic zone)	m arg	Intrusive	ditto
KB041	Gd with diss.py-cp(potassic ?)	m arg	Intrusive	ditto
KB043	Porphyritic gd with py	m arg	Intrusive	ditto
KB044	Gd-py-qz vein	w arg	Intrusive	ditto
KB045	Meta volcanics		Eneşe F.	S.Lalebiten T.
KB048	Qz porphyry with py	w arg	Intrusive	ditto

Table 3 Description of Chip Samples (19)

Zone C

Sample No.	Rock Name	Alteration	Formation	Location
KB049	Marble		Emeş F.	ditto
KB051	Qz porphyry		Intrusive	ditto
KB052	Meta volcanics		Emeş F.	Domuzdamı D.
KB053	Gneissose qz diorite(meta-vol)		Emeş F.	S.Lalebiten T.
KB054	Meta sandstone		Emeş F.	ditto
KB056	Green schist with limonite		Emeş F.	ditto
KB057	Qz porphyry with limonite		Intrusive	ditto
TS002	Qz vein (wd:15cm)		Emeş F.	Çınaryatak D.
TS003	Marble (nodule)		Emeş F.	ditto
TS006	Qz vein (float)		Emeş F.	Kunk d.
TS007	Qz vein (wd:15cm)		Emeş F.	Harmanlık D.
TS013	Qz vein (wd:15cm)		Emeş F.	Adayolu D.
TS023	Meta sediments	w m sil	Emeş F.	Kozali D.
TS024	ditto	s sil	Emeş F.	ditto
TS025	Qz vein (float)		Emeş F.	ditto
TS026	Qz vein (float)		Emeş F.	ditto
TS027	Oxidized meta sediment		Emeş F.	ditto
TS028	ditto		Emeş F.	ditto
TS029	Oxidized rock		Emeş F.	ditto
TS030	Qz vein (float)		Emeş F.	ditto
TS031	Qz vein		Emeş F.	ditto
TS032	Meta sediments	w sil, w arg	Emeş F.	ditto
TS033	Oxidized rock(Ls?)		Emeş F.	ditto
TS034	ditto		Emeş F.	Sıgırirek D.
TS035	Silicified rock	s sil	Emeş F.	ditto
TS036	Oxidized rock		Emeş F.	ditto
TS037	ditto		Emeş F.	ditto
TS038	Meta volcanics with skarn		Emeş F.	ditto
TS039	Meta sandstone	w sil	Emeş F.	ditto
TS040	ditto	w m sil	Emeş F.	ditto
TS041	Meta sediment	oxidized	Emeş F.	Kozali D.
KS001	Limoneous rock	skarn	Emeş F.	Gökçukur D.
KS002	Silicified rock with skarn	s sil	Emeş F.	ditto
KS004	Conglomerate		Geredelli M	ditto
KS007	Quartz vein		Intrusive	Şeytan D.
KS008	Quartz vein		Intrusive	ditto
KS010	Silicified rock with skarn	s sil	Intrusive	ditto
KS011	Quartz vein with diss Mo(float)		Intrusive	ditto
KS016	Silicified rock with skarn	s sil	Emeş F.	Dikmen
KS017	Altered porphyry		Intrusives	ditto
KS018	Hematitized rock with skarn		Emeş F.	ditto
KS020	Altered porphyry		Intrusive	Yagma T.
KS021	Skarn with malachite	s sil	Intrusive	ditto
KS022	Silicified rock with skarn	s sil	Emeş F.	ditto
KS026	Silicified rock with mg & py	s sil	Emeş F.	
KS029	Quartz vein (float, segregated)		Emeş F.	Dikmen
KS031	Gd with qz veinlets	m arg	Intrusive	Uzunburun T.
KS032	Mo-py-qz vein		Intrusive	ditto
KS033	Gd with qz veinlets	m arg	Intrusive	ditto
KS034	ditto	m arg	Intrusive	ditto

Table 3 Description of Chip Samples (20)

Zone C

Sample No.	Rock Name	Alteration	Formation	Location
KS035	Gd with py-qz veinlets	m arg	Intrusive	ditto
KS036	Gd with qz veinlets	m arg	Intrusive	ditto
KS037	Gd with py-qz veinlets	m arg	Intrusive	ditto
KS038	ditto	m arg	Intrusive	ditto
KS039	ditto	m arg	Intrusive	ditto
KS040	Altered rock with hem	s arg	Intrusive	
KS041	ditto	s arg	Emeş F.	ditto
KS043	ditto	s arg	Emeş F.	ditto
KS044	Skarn with mala & mag(float)	s sil	Emeş F.	ditto
KS046	Skarn with malachite	s sil	Emeş F.	ditto
KS048	ditto	skarn	Emeş F.	Karaleylek T.
KS049	Altered rock with limo	s arg	Emeş F.	ditto
KS050	ditto	s arg	Emeş F.	ditto
KS051	ditto	s arg	Emeş F.	ditto
KS052	Qz porphyey	m arg	Intrusives	ditto
KS053	Qz porphyey with limo	m arg	Emeş F.	ditto
KS055	Altered rock with limo	s arg	Emeş F.	ditto
KS057	Silicified rock (float)	skarn	Emeş F.	ditto
KS058	ditto	skarn	Emeş F.	ditto
KS060	Silicified rock with mala (float)	skarn	Emeş F.	ditto
KS061	ditto	skarn	Emeş F.	ditto
NY023	Quartz vein in granodiorite		Intrusive	Asar T.
NY025	ditto (float)		Intrusive	ditto
NY026	Granodiorite	m arg	Intrusive	ditto
NY029	Quartz vein in granodiorite		Intrusive	ditto
NY032	Skarnized rock		Emeş F.	Yaylayurt D.
NY033	Qz veinlets in granodiorite	m arg	Intrusive	ditto
NY034	ditto	m arg	Intrusive	ditto
NY035	ditto	m arg	Intrusive	ditto
NY036	ditto	m arg	Intrusive	ditto
NY037	ditto	m arg	Intrusive	ditto
NY038	ditto	w arg	Intrusive	ditto
NY039	ditto	s sil	Intrusive	ditto
NY040	ditto	m arg	Intrusive	ditto
NY041	ditto	w sil	Intrusive	ditto
NY043	ditto	m arg	Intrusive	ditto
NY044	Qz veinlets in granodiorite		Intrusive	ditto
NY045	ditto	w arg	Intrusive	ditto
HB005	Granite(phyllitic zone)	m arg	Intrusive	Yaylayurt D.
HB006	ditto	m arg	Intrusive	Donuzdagi D.
HB007	Quartz vein		Intrusive	ditto
HB008	Granite(potassic zone ?)	m arg	Intrusive	ditto
HB011	ditto	m arg	Intrusive	ditto
HB013	ditto	m arg	Intrusive	ditto
HB016	Skarn		Emeş F.	ditto
HB017	Skarn	m sil	Emeş F.	ditto
HB018	Skarn	m sil	Emeş F.	ditto
HB020	Quartz vein		Emeş F.	ditto
HB022	Quartz vein (float)		Emeş F.	ditto
HB029	Silicified rock	s sil	Emeş F.	S-Kapanbelen

Table 3 Description of Chip Samples (21)

Zone C

Sample No.	Rock Name	Alteration	Formation	Location
HB030	Marble	s sil	Emeşe F.	ditto
HB032	Quartz vein (float)		Emeşe F.	E.Dikmen
HB034	Granite		Intrusive	Yaylayurt D.
HB035	Quartz vein in granodiorite		Intrusive	
HB036	Granite	m sil	Intrusive	ditto
HB037	ditto	m sil	Intrusive	ditto
HB039	Quartz vein (float)		Intrusive	W.Lalebiten T.
HS004	Qz vein		Emeşe F.	
HS005	ditto		Emeşe F.	ditto
HS009	ditto		Emeşe F.	Çilingir D.
HS011	Microdiorite-gabbro	w sil	Emeşe F.	ditto
HS042	Meta volcanics	w sil	Emeşe F.	ditto
HS043	Granite		Intrusive	Kozali D.
HS046	Meta sediments	w sil	Emeşe F.	ditto
HS049	Qz porphyry		Intrusive	ditto
HS050	Meta sediments	w sil	Emeşe F.	ditto
HS051	ditto	m sil	Emeşe F.	Kozali D.
HS054	ditto	m-s sil	Emeşe F.	ditto
HS055	Qz porphyry	w sil	Intrusive	ditto
HS056	Meta sediments	m sil	Emeşe F.	ditto
HS058	ditto	m sil	Emeşe F.	ditto
HS059	Qz vein		Emeşe F.	ditto
HS060	ditto		Emeşe F.	ditto
HS061	ditto (float)		Emeşe F.	ditto
HS062	Meta sediments	w sil	Emeşe F.	ditto
HS063	Qz vein		Emeşe F.	ditto
HS065	Meta sediments with py	m sil	Emeşe F.	ditto
HS067	Silicified rock	vs sil	Emeşe F.	ditto
AK001	Crystalline limestone with limo		Emeşe F.	N.Sarısuvat
SR002	Silicified rock	skarn	Emeşe F.	Kocayüksek T.
SR010	Quartz vein(segreated?)		Emeşe F.	Dikmen
SR012	Silicified rock		Emeşe F.	Kumluk Sr.
SR013	Quartz vein(segreated?)		Emeşe F.	ditto
SR015	Schist		Emeşe F.	İgnir D.
SR018	Porphyry	w arg	Intrusive	ditto
SR020	Schist		Emeşe F.	ditto
SR023	Hem rock with malachite & mag	m sil	Emeşe F.	Dikmenkorusu T.
SR025	Hem rock with malachite	w sil	Emeşe F.	ditto
SR026	ditto	w sil	Emeşe F.	ditto
SR027	Schist with qz vein		Emeşe F.	ditto
SR029	Silicified rock with diss malachite(float)		Emeşe F.	ditto
SR031	Quartz vein (wd:l ca)		Emeşe F.	ditto
SR033	Sil rock with malachite (gallery stock)		Emeşe F.	ditto
SR034	Silicified rock with diss malachite (float)		Emeşe F.	ditto
SR035	Quartz vein with diss malachite (float)		Emeşe F.	ditto
SR036	Quartz vein with py, hem & bornite (float)		Emeşe F.	ditto
SR039	Silicified rock with qz veinlets		Emeşe F.	ditto
SR040	Quartz porphyry with qz veinlets		Emeşe F.	ditto
SR044	Meta volcanics		Emeşe F.	ditto
SR045	Silicified rock qz veinlets (float)		Emeşe F.	ditto

Table 3 Description of Chip Samples (22)

Zone C

Sample No.	Rock Name	Alteration	Formation	Location
MH001	Andesitic tuf with diss py	s sil, w arg		Kocalıca D.
MH008	Andesite with diss py	s sil		Kirazoluk D.
MH009	Andesite with limo & hematite	s sil		Karşıtarla T.
MH010	Andesite with native sulphur	s sil, m arg		Kazıklımsis T.
MH011	Andesite	s sil, m arg		Kazıklımsis T.
MT016	Silicified rock	s sil		Kubarlı T.
MT021	Silicified rock	s sil		Çardak T.
MT023	Silicified rock	s sil		Çardak T.
MT024	Silicified rock	vs sil		Sarguncuk D.
MT031	Silicified rock	s sil		ŞE. Etilli

Table 4. Chemical Analyses of Chip Samples (1)

Sample No.	X	Y	Au (ppb)	Cu (ppm)	Mo (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppm)	Cd (ppm)	As (ppm)	Se (ppm)	Hg (ppb)	Sb (ppm)	Bi (ppm)	F (ppm)	Ba (ppm)	Tl (ppm)
1: AK001	1569	4895	<5	9	3	2	18	0.20	0.10	15	0.20	50	0.30	0.10	90	120	0.1
2: AK012	7685	3904	<5	12	1	35	2	0.10	0.10	11	0.30	20	0.30	1.60	420	860	1.5
3: AK014	7626	3908	<5	2	1	21	2	0.10	0.10	4	0.20	10	0.10	0.10	250	1260	1.5
4: AK015	7597	3909	<5	4	1	2	1	0.10	0.10	5	0.40	10	0.20	0.60	340	770	0.7
5: AK016	7585	3901	<5	8	1	19	145	0.10	0.10	5	0.20	10	0.40	0.20	450	690	1.1
6: AK017	7569	3890	<5	4	1	6	124	0.10	0.10	7	0.20	10	0.40	0.10	470	770	0.5
7: AK018	7551	3888	<5	5	1	4	20	0.10	0.10	8	0.40	10	0.10	0.10	490	710	1.1
8: AK020	7448	3820	<5	4	1	12	4	0.10	0.10	9	0.40	10	0.20	0.30	420	580	0.7
9: AK021	7451	3858	<5	15	1	12	23	0.10	0.10	80	1.00	20	0.20	0.40	460	950	1.2
10: AK022	7460	3891	<5	4	1	3	3	0.10	0.10	17	0.40	20	0.10	1.50	740	250	1.4
11: AK023	7416	3890	<5	10	1	25	35	0.10	0.10	10	0.20	20	0.10	0.50	420	840	1.5
12: AK024	7402	3864	<5	55	1	6	80	0.10	0.10	6	0.20	20	0.20	0.10	410	710	0.6
13: AK027	7413	3858	<5	43	1	11	66	0.10	0.10	7	0.20	10	0.30	0.10	410	640	0.5
14: AK028	7409	3862	<5	31	1	8	35	0.20	0.10	10	0.20	20	0.10	0.10	240	880	0.7
15: AK029	7406	3849	<5	6	1	20	13	0.10	0.10	6	1.00	10	0.10	0.20	330	280	0.6
16: AK031	7420	3824	<5	10	1	5	9	0.10	0.10	3	0.20	20	0.20	0.10	420	330	0.4
17: AK032	7415	3809	<5	5	21	25	40	0.30	0.10	12	2.00	20	0.60	3.00	380	470	0.5
18: AK038	7249	3700	<5	56	1	3	30	0.20	0.10	63	0.80	20	1.20	0.10	220	710	0.7
19: AK039	7334	3887	<5	10	1	5	8	0.20	0.10	5	0.20	20	0.20	0.10	80	220	0.1
20: AK041	7283	3522	<5	4	1	7	4	0.10	0.10	7	0.20	90	0.30	0.10	70	30	0.1
21: AK042	7298	3514	<5	1	15	2	1	0.10	0.10	24	0.20	130	0.50	0.10	70	50	0.7
22: AK043	7347	3514	<5	16	1	2	42	0.20	0.10	5	0.20	40	0.10	0.10	150	660	0.6
23: AK044	7436	3524	<5	31	1	5	41	0.10	0.10	4	0.20	20	0.10	0.10	250	640	0.5
24: AK045	7520	3528	10	126	1	28	16	0.10	0.10	7	0.20	400	0.10	0.10	210	420	0.4
25: AK051	7780	3583	<5	3	1	2	1	0.10	0.10	3	0.20	20	0.20	0.10	60	70	0.1
26: AK054	7781	3603	<5	24	1	26	63	0.10	0.10	7	0.20	40	0.10	0.20	400	490	0.7
27: AK058	7737	3685	<5	69	6	11	66	0.10	0.10	280	1.40	50	11.20	0.20	360	250	1.2
28: AK057	7627	3569	<5	4	1	17	3	0.10	0.10	27	0.80	30	2.20	0.10	530	200	0.6
29: AK059	7949	3842	<5	11	1	21	47	0.10	0.10	6	0.20	10	0.30	0.20	400	710	0.8
30: AK060	7934	3843	<5	12	1	18	49	0.10	0.10	5	0.20	20	0.20	0.20	320	660	0.7
31: AK061	7970	3890	10	9	1	43	20	0.10	0.10	29	0.20	20	0.50	0.10	570	1700	1.4
32: AK063	7773	3885	<5	23	6	26	81	0.10	0.20	11	0.20	20	0.20	0.20	420	770	1.5
33: AK064	7775	3855	<5	16	17	72	3	0.10	0.10	6	1.60	30	0.40	0.70	1070	710	2.5
34: AK065	7795	3813	<5	7	1	16	3	0.10	0.10	9	0.60	20	1.00	1.30	750	330	1.2
35: AK067	7909	3817	<5	5	1	39	50	0.10	0.10	5	0.20	10	0.20	0.10	240	440	1.0
36: AK069	7677	3808	<5	5	1	18	3	0.10	0.10	5	0.20	20	0.20	0.50	210	200	0.6
37: AK071	7435	2841	15	31	1	250	58	0.20	0.10	57	0.20	60	2.40	1.40	400	180	1.3
38: AK073	7441	2858	<5	90	1	44	11	0.10	0.10	90	7.00	20	1.60	1.30	380	550	2.1
39: AK074	7440	2868	<5	55	1	6	5	0.10	0.10	29	2.00	50	5.00	0.60	250	330	1.2
40: AK075	7435	2869	<5	80	1	18	11	0.10	0.10	20	2.00	90	4.60	0.50	270	200	1.0
41: AK076	7437	2900	<5	22	1	16	1500	0.10	2.70	27	1.00	20	0.30	0.10	240	690	0.7
42: AK082	7347	2977	<5	33	1	38	60	0.10	0.10	6	5.40	20	0.40	0.20	500	360	1.4
43: AK083	7340	2982	<5	34	14	28	13	0.10	0.10	32	1.00	20	1.20	0.10	510	440	1.8
44: AK084	7324	2997	<5	71	1	19	20	0.20	0.10	11	3.60	20	0.40	0.20	390	360	1.4
45: AK086	7311	3022	<5	25	3	19	70	0.10	0.10	22	0.20	50	0.60	0.10	180	6000	0.4
46: AK087	7293	3055	<5	58	43	30	96	0.10	0.10	9	2.40	60	0.20	0.30	670	180	1.6
47: AK090	7270	3140	<5	7	1	12	24	0.20	0.10	7	0.20	30	0.20	0.10	240	660	2.0
48: AK091	7292	3184	<5	24	1	14	44	0.20	0.10	79	0.20	40	0.40	0.10	180	800	0.8
49: AK093	8110	4343	<5	4	1	20	19	0.10	0.10	14	0.20	20	2.40	0.10	300	1100	2.1
50: AK095	8118	4358	<5	6	1	24	28	0.10	0.10	4	0.40	10	1.40	0.70	110	380	1.3

Table 4 Chemical Analyses of Chip Samples (2)

Sample No.	X	Y	Au (ppb)	Cu (ppm)	Mo (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Cd (ppm)	Sr (ppm)	Se (ppm)	Hg (ppb)	Sb (ppm)	Bi (ppm)	F (ppm)	Ba (ppm)	Tl (ppm)
51: AK097	8134	4344	<5	5	1	28	45	0.10	0.10	6	0.20	30	11.20	0.20	410	620	1.9
52: AK098	8139	4342	<5	6	1	57	22	0.10	0.10	7	0.40	30	5.40	0.10	240	800	1.7
53: AK099	8140	4340	<5	3	1	38	16	0.10	0.10	5	0.20	30	5.40	0.20	350	200	1.0
54: AK100	8154	4344	<5	1	1	7	48	0.10	0.10	5	0.20	20	0.80	0.10	140	1060	1.8
55: AK105	8195	4391	5	42	7	28	45	0.10	0.10	14	2.40	10	1.40	0.30	420	890	2.2
56: AK112	8265	4489	<5	11	1	137	2700	0.40	16.70	11	1.00	20	3.40	0.10	220	360	2.9
57: AK114	8297	4542	<5	2	1	9	39	0.10	0.10	7	0.40	20	0.80	0.10	280	420	1.0
58: AK115	8312	4560	5	20	1	61	152	0.10	0.10	5	0.40	10	0.90	0.10	350	660	1.6
59: AK117	8350	4580	<5	3	10	55	37	0.10	0.10	200	0.20	10	95.00	0.30	390	90	0.4
60: HB005	1308	4151	5	5	1000	5	5	0.10	0.10	4	0.20	140	0.80	0.10	60	50	0.2
61: HB006	1495	4331	<5	10	7	6	11	0.10	0.10	9	0.20	80	1.20	0.10	170	110	0.2
62: HB007	1495	4331	5	12	600	15	9	0.10	0.10	5	0.20	230	1.10	0.30	70	70	0.2
63: HB008	1479	4325	65	21	3	4	27	0.10	0.10	4	0.20	40	2.20	0.10	270	690	1.1
64: HB011	1477	4263	30	132	45	3	27	0.10	0.10	29	0.20	3400	27.00	0.10	400	360	1.1
65: HB013	1433	4239	10	351	8	1	75	0.10	0.10	3	0.20	100	0.40	0.10	540	200	0.4
66: HB016	1435	4204	600	10000	35	360	3800	28.00	59.00	4200	0.40	2300	49.00	0.30	60	530	0.1
67: HB017	1435	4204	120	3000	4	263	1700	2.90	81.00	500	0.20	430	180.00	4.30	270	330	1.5
68: HB018	1435	4204	20	495	5	58	510	0.90	1.60	350	0.20	810	75.00	2.20	140	50	0.3
69: HB020	1449	4197	5	19	130	6	17	0.10	0.20	23	0.20	230	3.50	0.10	60	30	0.2
70: HB022	1505	4194	15	26	140	3	10	0.10	0.20	10	0.20	130	1.20	0.10	50	30	0.2
71: HB029	1619	4274	5	16	1	80	35	0.10	0.10	9	0.20	120	1.60	0.10	60	70	0.2
72: HB030	1623	4273	<5	92	4	1	65	0.10	0.10	25	0.20	40	0.40	0.10	260	90	0.1
73: HB032	1413	4327	45	54	32	8	7	2.80	0.10	120	0.20	7200	460.00	0.40	50	20	0.1
74: HB034	1393	4301	<5	49	8	4	38	0.10	0.10	17	0.20	410	23.00	0.10	180	440	0.3
75: HB035	1399	4294	10	8	50	6	5	0.10	0.10	5	1.40	120	3.40	0.30	60	70	0.1
76: HB036	1399	4291	5	69	18	2	28	0.10	0.10	4	0.20	60	1.20	0.10	370	420	0.4
77: HB037	1399	4277	10	262	2	1	60	0.10	0.30	4	0.20	60	0.70	0.10	250	270	0.2
78: HB039	1470	4344	<5	10	120	2	2	0.10	0.10	6	0.20	40	0.40	0.10	40	20	0.1
79: HB053	8449	3014	10	4	1	1	1	0.10	0.10	5	0.20	60	0.20	0.10	140	80	0.5
80: HB054	8410	3022	10	3	1	1	1	0.10	0.10	5	0.20	20	0.20	0.10	50	50	0.2
81: HB055	8410	3022	<5	3	2	4	2	0.10	0.10	7	0.20	20	0.20	0.10	50	1400	0.2
82: HB056	8382	3041	<5	1	1	5	1	0.10	0.10	3	0.20	10	0.10	0.10	80	30	0.1
83: HB057	8367	3045	65	5	9	14	4	0.10	0.10	6	0.20	20	0.60	0.30	120	30	0.2
84: HB060	8350	3065	240	17	36	31	19	0.10	0.10	30	0.20	10	0.20	0.60	140	110	0.2
85: HB061	8349	3068	95	6	1	53	2	0.10	0.10	4	0.20	10	0.30	1.10	110	70	0.2
86: HB062	8331	3085	50	2	1	3	2	0.10	0.10	11	0.20	10	0.20	0.10	70	50	0.1
87: HB063	8331	3085	35	21	3	3	33	0.10	0.10	22	1.00	20	1.10	0.10	110	110	0.2
88: HB065	8289	3087	45	3	8	3	4	0.10	0.10	5	1.40	20	0.30	0.30	60	30	0.2
89: HB066	8239	3087	45	3	7	3	2	0.10	0.10	6	0.40	10	0.30	0.10	200	30	0.2
90: HB067	8277	3091	<5	11	21	5	1	0.10	0.10	17	1.00	230	7.20	0.50	150	50	0.2
91: HB072	8212	2143	830	6	4	11	2	0.10	0.10	79	0.20	110	7.80	0.20	60	50	0.1
92: HB073	8212	2143	2060	3	1	9	1	0.10	0.10	80	0.20	70	13.20	0.20	60	70	0.1
93: HB075	8208	2152	115	12	1	12	5	0.30	0.10	130	0.20	860	23.60	3.50	50	180	0.1
94: HB076	8208	2152	175	10	2	12	6	0.50	0.10	140	0.20	110	22.00	3.70	60	70	0.2
95: HB077	8208	2152	135	11	1	27	2	0.20	0.10	530	0.20	50	38.00	13.00	50	1420	0.1
96: HB078	8174	2139	55	21	1	3	12	0.10	0.10	4	0.20	20	0.60	0.10	40	310	0.1
97: HB079	8152	2133	30	18	5	20	10	0.30	0.10	120	0.20	70	17.00	200.00	50	250	0.1
98: HB080	8152	2133	25	12	2	76	3	0.30	0.10	90	0.20	200	10.40	200.00	40	200	0.1
99: HB081	8130	2123	15	8	14	50	7	0.20	0.10	70	0.30	160	14.00	0.40	50	820	0.2
100: HB082	8117	2154	5	3	1	3	1	0.20	0.10	14	0.20	150	31.00	194.00	70	110	0.2

Table 4. Chemical Analyses of Chip Samples (3)

Sample No.	X	Y	Au (ppb)	Cu (ppm)	Mo (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppm)	Cd (ppm)	As (ppm)	Se (ppm)	Hg (ppb)	Sb (ppm)	Bi (ppm)	F (ppm)	Ba (ppm)	Tl (ppm)
101: HB083	8101	2174	35	3	3	10	2	0.10	0.10	24	0.20	60	3.00	0.10	70	2700	0.2
102: HB085	8060	2157	20	52	18	120	12	0.20	0.10	650	2.00	50	8.20	7.00	100	360	0.3
103: HB087	8051	2166	15	1	6	2	1	0.10	0.10	7	0.20	20	0.60	0.10	160	90	0.2
104: HB088	8033	2154	10	3	1	1	1	0.10	0.10	10	0.20	10	0.70	8.50	60	40	0.2
105: HB089	8028	2165	5	7	1	3	4	0.20	0.10	9	0.20	20	0.20	0.20	50	180	0.1
106: HB095	7962	2158	5	5	1	7	2	0.10	0.10	15	0.40	80	1.50	2.50	60	380	0.3
107: HB096	7962	2158	5	6	1	7	2	0.10	0.10	27	2.80	150	4.00	1.40	120	490	0.4
108: HB097	7932	2169	5	52	1	52	2	0.10	0.10	90	2.80	690	3.20	0.10	140	490	0.4
109: HB098	7988	2185	5	4	1	1	2	0.10	0.10	43	0.20	50	9.20	5.20	300	250	0.2
110: HB099	8031	2209	5	2	1	2	1	0.10	0.10	12	0.20	20	0.60	0.10	60	50	0.2
111: HB100	8046	2218	5	1	1	4	1	0.10	0.10	10	0.20	30	0.50	1.40	50	30	0.3
112: HB101	8101	2208	5	45	1	11	22	0.10	0.10	60	0.40	90	0.70	0.10	270	580	0.5
113: HB102	8145	2224	5	5	1	1	1	0.10	0.10	6	0.20	30	0.80	0.10	70	220	0.2
114: HB104	8200	2204	5	61	1	7	10	0.10	0.10	41	1.40	50	1.00	0.10	180	250	0.5
115: HB109	8267	2184	5	12	1	11	17	0.10	0.10	39	1.60	40	5.20	0.30	450	220	1.6
116: HB110	8248	2238	5	2	1	3	2	0.10	0.10	7	0.40	100	0.80	0.10	190	290	0.2
117: HB111	8248	2238	5	31	1	5	12	0.10	0.10	25	0.60	150	0.50	0.10	910	1460	0.1
118: HB112	8249	2240	5	12	6	19	6	0.10	0.10	11	0.20	70	0.90	0.10	900	490	0.4
119: HB113	8249	2240	5	6	2	2	2	0.10	0.10	23	2.00	5500	1.50	0.10	210	400	0.2
120: HB114	8249	2240	5	51	220	2	8	0.10	0.10	60	2.00	5800	6.00	0.10	180	620	0.6
121: HB118	8236	2248	5	54	1	9	12	0.10	0.10	19	1.00	60	0.50	0.10	390	710	0.3
122: HB117	8239	2249	5	5	1	5	3	0.10	0.10	35	0.20	70	0.60	0.10	850	840	0.2
123: HB115	8251	2259	5	4	1	2	3	0.10	0.10	10	0.20	170	0.40	0.10	130	180	0.1
124: HB124	7981	2459	5	7	20	5	4	0.10	0.10	9	0.20	440	1.20	0.10	70	2800	0.1
125: HB125	7970	2467	5	5	1	4	5	0.10	0.10	22	0.40	190	2.00	0.10	70	640	0.2
126: HB126	7999	2516	5	3	1	1	1	0.10	0.10	7	0.20	30	1.00	1.00	70	80	0.1
127: HB126	8080	2530	5	2	1	2	1	0.10	0.10	6	0.20	10	0.20	0.40	70	90	0.1
128: HB127	8080	2530	120	3	1	30	1	0.20	0.10	35	0.20	140	8.40	9.60	60	220	0.2
129: HB128	8080	2530	30	31	26	10	13	0.20	0.10	2500	0.60	830	39.00	5.50	150	380	0.3
130: HB133	8284	2565	5	3	1	10	4	0.10	0.10	60	0.60	30	1.20	1.30	1750	200	0.3
131: HB135	8284	2565	5	6	1	7	5	0.10	0.10	100	0.20	40	0.60	0.90	350	380	0.1
132: HB137	8284	2594	5	3	1	12	1	0.10	0.10	50	0.20	10	1.20	0.30	360	330	0.2
133: HB138	8284	2594	5	2	1	3	1	0.10	0.10	20	0.20	10	0.30	0.10	120	20	0.3
134: HB139	8284	2594	5	2	6	15	1	0.20	0.10	16	0.20	20	7.60	0.10	80	160	0.9
135: HB141	8313	2612	5	2	1	3	1	0.10	0.10	7	0.20	20	0.80	0.10	60	290	0.1
136: HB144	8404	2639	5	4	1	4	1	0.10	0.10	9	0.20	60	0.20	0.10	300	400	0.2
137: HB146	8404	2639	5	5	1	8	3	0.10	0.10	22	0.20	310	0.40	0.10	220	400	0.1
138: HB147	8404	2639	5	6	1	6	5	0.10	0.10	33	0.20	30	1.00	2.50	150	110	0.3
139: HB149	8407	2637	5	9	1	3	2	0.10	0.10	10	0.20	60	0.20	1.50	60	50	0.1
140: HB150	8420	2629	5	3	1	12	1	0.10	0.10	12	0.20	20	0.20	0.10	90	60	0.1
141: HB151	7979	2620	5	32	1	4	41	0.20	0.10	9	0.20	20	0.30	0.10	520	580	0.5
142: HB152	7964	2648	5	102	2	21	11	0.10	0.10	60	0.20	200	7.80	2.00	240	220	2.0
143: HB153	8014	2634	5	16	1	1	7	0.10	0.10	15	0.20	10	0.80	0.10	360	270	0.4
144: HB154	8052	2681	5	27	1	2	37	0.10	0.10	9	0.20	20	0.20	0.10	380	730	0.4
145: HB156	8105	2566	10	16	43	9	5	0.10	0.10	15	5.00	20	1.50	7.80	110	270	0.2
146: HB157	8105	2540	5	5	1	6	5	0.10	0.10	50	0.40	20	2.60	2.10	100	1040	0.2
147: HB158	8088	2499	5	7	1	2	3	0.10	0.10	14	0.20	30	0.80	0.10	60	1260	0.1
148: HB159	8077	2469	5	20	3	1	6	0.10	0.10	19	1.00	30	1.40	0.10	80	640	0.2
149: HB160	8102	2413	5	5	1	4	2	0.10	0.10	19	0.20	30	0.60	0.10	70	140	0.2
150: HB163	7934	2259	5	92	1	25	27	0.10	0.10	48	0.20	20	0.20	0.10	480	330	1.0

Table 4 Chemical Analyses of Chip Samples (4)

Sample No.	X	Y	Au (ppb)	Cu (ppm)	Mo (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppm)	Cd (ppm)	As (ppm)	Se (ppm)	Hg (ppb)	Sb (ppm)	Bi (ppm)	F (ppm)	Ba (ppm)	Tl (ppm)
151: HB184	7934	2259	<5	32	1	21	7	0.20	0.10	23	0.20	20	0.40	0.10	160	1600	1.6
152: HB166	7936	2258	<5	370	6	138	10	0.30	0.10	160	0.20	1800	0.70	0.10	110	310	10.1
153: HB167	7996	2246	<5	38	11	53	5	0.20	0.10	60	3.60	70	2.40	0.50	90	580	1.7
154: HB169	8006	2242	<5	23	1	8	16	0.20	0.10	70	0.20	20	0.30	0.10	350	530	1.4
155: HB171	8061	2250	<5	37	1	5	3	0.10	0.10	20	0.20	680	1.20	0.10	480	620	0.8
156: HB172	8104	2235	<5	35	1	3	3	0.20	0.10	12	0.20	980	1.20	0.10	380	530	0.6
157: HB174	8123	2289	<5	5	1	1	2	0.10	0.10	23	0.20	50	0.40	0.10	80	50	0.2
158: HB175	8170	2270	<5	34	2	19	20	0.10	0.10	15	0.20	100	0.70	0.10	250	290	0.3
159: HB182	8698	5057	<5	43	1	44	12	0.10	0.10	15	0.20	30	0.30	0.10	400	160	0.2
160: HB183	8698	5057	10	16	1	198	8	0.10	0.10	15	0.20	270	0.80	0.20	250	1300	0.2
161: HB185	8690	5072	<5	49	1	172	14	0.10	0.10	25	0.20	30	0.60	0.10	160	110	0.3
162: HB186	8685	5085	<5	10	5	142	2	0.10	0.10	9	0.20	20	0.40	0.10	630	90	0.1
163: HB188	8684	5142	<5	16	3	48	700	0.10	0.40	30	0.20	30	0.60	0.10	240	110	0.2
164: HB190	8662	5171	<5	35	1	13	15	0.10	0.10	11	0.20	20	0.60	0.10	420	140	0.1
165: HB192	8613	5178	<5	10000	1	16	63	1.00	0.10	43	0.20	90	0.80	0.10	350	530	0.7
166: HB193	8613	5178	<5	1100	1	80	10	1.60	0.10	50	2.00	750	2.20	0.10	250	5400	1.4
167: HB195	8615	5111	<5	14	1	140	3	0.10	0.10	6	4.00	110	1.60	0.10	90	1800	0.2
168: HB196	8639	5071	<5	37	1	18	3	0.40	0.10	14	11.00	260	0.80	0.50	80	600	0.3
169: HB205	8870	5063	<5	19	1	17	7	0.10	0.10	14	0.40	190	0.80	0.20	460	20	0.4
170: HB206	8870	5063	<5	24	2	10	4	0.30	0.10	17	4.00	110	0.80	0.10	770	200	0.4
171: HB208	8882	5124	10	6	26	2	8	1.60	0.10	17	0.20	50	1.00	0.20	70	30	0.1
172: HB209	8881	5137	<5	28	1	5	10	0.10	0.10	5	3.00	20	0.40	0.10	200	530	0.7
173: HB210	8969	5003	<5	10000	1	4	18	2.40	0.10	5	0.20	20	0.70	0.10	250	50	0.2
174: HB223	8817	4844	<5	90	1	52	47	0.20	0.40	36	0.20	20	3.60	0.10	70	110	0.2
175: HM008	1883	4528	<5	70	3	3	62	0.10	0.10	11	0.20	90	0.90	0.10	50	160	0.2
176: HM012	1812	4437	<5	3	1	10	23	0.20	0.10	3	0.20	50	0.60	0.10	60	70	0.1
177: HM014	1366	4264	<5	30	3	39	110	10.30	0.10	60	0.20	8300	31.00	0.10	350	110	0.3
178: HM015	1361	4252	<5	205	1	1200	50	9.50	5.00	260	0.20	10000	480.00	0.10	110	10000	0.3
179: HM016	1357	4249	<5	9	1	24	52	0.60	0.10	18	0.20	10000	28.00	0.10	90	180	0.4
180: HM017	1350	4245	40	10	1	28	41	1.90	0.20	990	0.20	2500	20.00	0.10	70	530	0.3
181: HM018	1350	4225	10	99	1	90	235	0.40	0.10	340	0.20	1400	44.00	0.10	80	50	0.3
182: HM019	1321	4103	<5	10	4	8	46	0.10	0.30	4	0.20	220	2.20	0.20	90	110	0.1
183: HM020	1318	4107	<5	840	73	7	420	0.10	0.50	140	0.20	1500	2.00	5.80	120	400	0.4
184: HM021	1315	4110	<5	167	10	1	57	0.10	0.20	60	0.20	580	16.00	0.10	230	50	0.3
185: HM022	1312	4116	<5	170	10	2	47	0.20	0.70	35	0.20	1500	25.00	0.20	450	30	0.4
186: HM024	1311	4127	<5	134	23	18	130	0.20	0.20	30	0.20	400	21.00	0.10	310	200	0.5
187: HM025	1310	4133	<5	24	1	340	300	0.10	0.20	150	0.20	1100	17.00	0.10	80	40	0.3
188: HM026	1311	4139	<5	105	270	18	135	0.10	0.30	50	0.20	890	16.60	2.10	320	30	0.3
189: HM027	1312	4145	<5	200	19	6	105	0.10	1.00	150	0.20	19200	14.20	0.20	340	160	0.2
190: HM029	1319	4155	<5	172	9	3	52	0.10	1.30	60	0.20	2800	11.80	0.10	410	250	0.5
191: HM030	1321	4157	<5	10	110	3	12	0.10	0.10	7	0.20	360	2.60	0.10	70	20	0.2
192: HM031	1327	4161	<5	326	150	1	35	0.10	0.20	90	0.20	510	18.00	0.10	270	70	0.2
193: HM032	1330	4163	350	498	140	1200	498	10.50	8.40	60	2.00	2900	250.00	3.20	330	30	0.6
194: HM034	1342	4169	<5	105	110	8	103	0.10	0.60	22	0.20	2000	31.00	0.30	330	140	0.3
195: HM038	7493	3772	<5	6	1	5	5	0.10	0.10	10	2.80	40	0.60	1.70	350	380	0.6
196: HM040	7434	3730	<5	10	1	16	26	0.10	0.10	10	0.20	30	0.30	0.30	200	520	0.8
197: HM046	7170	3967	<5	26	7	14	21	0.10	0.10	16	0.20	30	1.60	0.90	250	270	0.6
198: HM047	7155	3880	140	66	11	50	83	0.40	0.40	210	0.20	70	2.40	1.70	250	110	0.4
199: HM049	7160	3883	20	29	26	43	166	0.40	0.10	280	0.20	110	5.40	4.00	200	90	0.9
200: HM052	7100	3855	<5	29	1	8	61	0.10	0.10	7	0.20	30	0.30	0.10	350	840	0.7

Table 4 Chemical Analyses of Chip Samples (5)

Sample No.	X	Y	Au (ppb)	Cu (ppm)	Mo (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppm)	Cd (ppm)	As (ppm)	Se (ppm)	Hg (ppb)	Sb (ppm)	Bi (ppm)	F (ppm)	Ba (ppm)	Tl (ppm)
201: HM055	7128	3316	25	7	1	50	10	0.10	0.10	14	0.20	70	12.60	0.20	170	70	0.4
202: HM056	7128	3316	<5	5	1	26	10	0.10	0.10	14	0.20	50	160.00	0.10	640	380	0.2
203: HM059	7201	3430	<5	14	11	3	10	0.20	0.10	9	0.20	20	1.10	0.10	80	110	0.4
204: HM063	7304	3410	<5	21	1	10	18	0.10	0.10	25	0.20	20	1.00	0.10	60	40	0.1
205: HM065	7336	3339	5	2	1	3	1	0.10	0.10	4	0.20	10	0.10	0.10	40	20	0.1
206: HM068	7321	3233	<5	45	1	18	102	0.10	0.20	6	0.20	20	0.40	0.50	200	680	0.4
207: HM069	7315	3277	<5	12	1	8	20	0.10	0.10	11	0.20	10	0.90	0.20	280	710	0.9
208: HM070	8016	3228	<5	4	1	2	1	0.10	0.10	6	0.20	30	0.20	0.10	70	90	0.1
209: HM071	8000	3208	<5	7	1	2	2	0.10	0.10	5	0.20	50	0.10	0.10	80	70	0.1
210: HM072	7984	3200	<5	6	6	7	11	0.10	0.10	19	1.00	140	0.80	3.20	40	70	0.1
211: HM073	7978	3211	<5	5	1	4	13	0.10	0.10	11	1.00	50	0.40	0.10	70	140	0.1
212: HM074	7968	3226	<5	2	1	3	2	0.10	0.10	5	0.20	40	0.30	0.10	60	200	0.1
213: HM075	7926	3221	<5	2	1	10	2	0.10	0.10	7	0.40	20	0.40	0.10	200	330	0.1
214: HM076	7915	3251	<5	1	1	2	3	0.10	0.10	4	0.20	20	0.20	0.10	60	110	0.1
215: HM077	7884	3286	<5	6	1	5	2	0.10	0.10	7	0.60	20	0.40	0.80	60	50	0.1
216: HM078	7870	3255	<5	3	1	8	10	0.10	0.10	4	0.20	20	0.70	1.40	60	70	0.1
217: HM079	7850	3254	<5	210	3	16	33	0.10	0.10	160	3.40	30	5.00	5.80	70	200	0.1
218: HM080	7837	3258	<5	4	6	2	3	0.10	0.10	9	0.60	20	0.40	0.20	90	50	0.1
219: HM082	7792	3298	<5	29	2	10	11	0.10	0.10	15	1.40	10	0.20	0.10	760	110	0.3
220: HM083	7776	3330	<5	5	36	4	10	0.10	0.10	23	2.60	20	0.10	0.90	1150	250	0.3
221: HM084	7804	3400	<5	6	1	2	8	0.10	0.10	12	1.20	20	0.40	1.50	120	40	0.2
222: HM085	7842	3424	<5	76	1	2	4	0.40	0.10	12	2.20	980	5.20	9.00	50	640	0.2
223: HM086	7867	3422	<5	6	1	2	2	0.20	0.10	7	0.20	270	0.80	2.00	40	110	0.1
224: HM089	7855	3378	<5	5	1	3	3	0.10	0.10	15	0.20	70	1.20	1.50	40	680	0.1
225: HM090	7764	3355	<5	32	1	42	7	0.20	0.10	12	3.20	30	0.80	12.00	370	1200	0.8
226: HM092	7670	3363	<5	10	1	5	4	0.10	0.10	6	0.20	30	0.10	0.10	180	90	0.3
227: HM093	7630	3350	<5	2	1	3	3	0.10	0.10	5	0.20	30	0.40	0.10	160	140	0.2
228: HM099	7854	3624	<5	4	1	15	5	0.20	0.10	10	0.80	20	0.60	0.40	780	2400	0.8
229: HM100	7852	3624	<5	20	1	64	24	0.30	0.10	4	0.40	30	0.60	0.60	60	420	0.1
230: HM101	7769	3594	<5	6	1	2	2	0.20	0.10	5	0.20	30	0.60	0.20	40	30	0.1
231: HM102	7776	3575	<5	4	1	13	2	0.10	0.10	9	0.20	50	6.40	0.50	50	50	0.1
232: HM105	7847	3497	<5	51	1	10	6	0.30	0.10	35	3.00	5000	28.00	26.00	40	110	0.1
233: HM107	7740	3470	<5	4	1	1	3	0.10	0.10	9	0.20	50	0.50	0.60	40	440	0.1
234: HM109	7661	3473	20	102	36	245	91	0.30	0.40	100	0.60	2300	22.00	0.90	300	400	0.5
235: HM110	7633	3489	<5	30	2	6	8	0.20	0.10	6	3.80	90	0.80	0.20	270	200	0.6
236: HM111	7594	3470	20	8	1	4	3	0.30	0.10	11	3.00	190	6.60	4.00	70	440	0.1
237: HM112	7547	3461	35	8	1	5	4	0.20	0.10	50	2.80	1200	8.80	0.30	60	470	0.2
238: HM119	7530	3623	<5	8	25	10	4	0.50	0.10	50	0.40	50	9.60	0.70	100	270	0.1
239: HM122	7317	2890	<5	35	1	6	88	0.10	0.10	11	0.20	70	1.20	0.30	140	360	0.6
240: HM123	7311	2901	<5	5	2	465	6	0.10	0.10	5	0.20	20	0.70	0.10	110	70	0.1
241: HM125	7309	2920	<5	43	1	7	14	0.10	0.10	7	6.00	20	0.40	1.10	290	250	2.0
242: HM128	7277	2921	<5	10	1	11	20	0.10	0.10	50	0.40	20	0.40	1.20	320	250	1.9
243: HM127	7231	2931	<5	23	1	11	45	0.10	0.10	15	1.20	10	0.20	0.10	100	600	0.2
244: HM131	7156	3049	<5	34	1	8	92	0.10	0.30	11	0.20	20	0.20	0.10	180	510	0.4
245: HM134	7124	3071	65	8	1	3	8	0.10	0.10	210	1.00	220	4.20	0.50	110	50	0.1
246: HM135	7125	3071	<5	3	1	7	1	0.10	0.10	7	0.20	20	0.20	0.10	150	30	0.1
247: HM136	7142	3076	10	68	1	29	202	0.40	0.10	30	1.80	30	1.10	0.70	300	200	0.9
248: HM137	7163	3090	<5	80	1	7	14	0.10	0.10	43	6.40	100	2.60	0.20	160	530	0.8
249: HM138	7177	3088	<5	12	1	10	28	0.20	0.10	11	0.20	20	0.50	0.10	110	620	0.1
250: HM142	8124	4178	15	67	1	9	21	0.10	0.10	6	1.80	20	0.10	14.00	490	90	0.9

Table 4. Chemical Analyses of Chip Samples (6)

Sample No.	X	Y	Au (ppb)	Cu (ppm)	Mo (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppm)	Cd (ppm)	As (ppm)	Se (ppm)	Hg (ppb)	Sb (ppm)	Bi (ppm)	F (ppm)	Ba (ppm)	Tl (ppm)
251: HM143	8139	4180	<5	7	1	23	7	0.10	0.10	9	0.20	10	0.60	1.00	310	330	0.1
252: HM144	8180	4186	<5	8	1	31	6	0.10	0.10	7	0.20	10	0.30	0.50	260	310	2.0
253: HM145	8172	4189	<5	14	5	33	9	0.40	0.90	10	1.20	20	0.20	0.60	340	1000	1.6
254: HM148	8182	4175	<5	19	1	50	50	0.10	0.10	17	1.20	20	6.00	2.00	350	110	1.3
255: HM147	8190	4175	<5	33	1	205	33	0.10	0.10	33	2.00	20	10.60	3.50	420	310	1.5
256: HM151	8300	4304	<5	11	1	19	9	0.40	0.10	5	0.20	40	1.20	0.10	170	660	2.8
257: HM153	8380	4460	<5	1	1	4	3	0.10	0.10	3	0.20	20	0.40	0.10	70	30	0.1
258: HM156	8111	4227	<5	21	1	47	61	0.10	0.10	3	0.20	30	0.40	0.10	760	420	0.6
259: HM157	8130	4240	<5	4	25	84	7	0.10	0.10	4	0.20	10	0.20	0.10	370	70	0.5
260: HM158	8117	4277	<5	3	1	3	4	0.10	0.10	4	1.00	10	0.20	0.10	350	620	0.4
261: HM161	8158	4296	<5	4	1	8	8	0.10	0.10	6	0.20	20	0.40	0.10	170	180	0.2
262: HM162	8180	4300	<5	5	1	7	17	0.10	0.10	15	0.30	10	0.40	0.30	300	550	0.6
263: HM168	8348	4427	<5	7	1	6	9	0.10	0.10	7	0.20	10	0.60	0.10	100	420	0.1
264: HM167	8381	4453	<5	1	1	3	2	0.10	0.10	4	0.20	10	0.20	0.10	70	20	0.1
265: HM169	8318	4230	<5	18	1	165	7	1.20	0.10	14	0.20	30	4.20	2.70	380	1200	1.5
266: HM170	8320	4243	<5	48	1	74	11	0.10	0.10	15	0.20	20	2.60	3.50	170	180	0.5
267: HM207	7116	3124	<5	7	6	3	4	0.10	0.10	7	0.20	30	1.20	0.10	60	70	0.1
268: HM208	7128	3189	15	4	1	10	3	0.10	0.10	6	0.20	30	2.80	0.10	50	70	0.1
269: HM209	7118	3197	50	28	1	87	4	17.80	0.10	110	9.00	2300	210.00	16.00	170	2600	0.1
270: HM210	7108	3218	5	23	36	52	27	0.20	0.10	140	0.50	40	110.00	0.10	50	70	0.1
271: HM211	7122	3229	<5	14	1	12	7	1.20	0.10	33	0.30	420	37.00	0.10	40	3000	0.1
272: HM212	7145	3237	10	2	1	10	3	0.10	0.10	6	0.20	30	3.40	0.10	30	50	0.1
273: HS004	1927	3980	<5	2	1	76	18	0.10	0.10	5	0.20	40	0.40	0.10	50	80	0.1
274: HS005	1904	4053	<5	13	1	3	9	0.10	0.10	4	0.20	20	0.30	0.10	40	40	0.1
275: HS009	1961	4124	<5	3	1	1	133	0.10	0.10	6	0.20	130	0.20	0.10	180	250	0.1
276: HS011	1997	4122	<5	34	1	4	113	0.10	0.10	6	0.20	90	0.40	0.10	90	140	0.1
277: HS042	1399	4038	<5	48	1	1	55	0.10	0.20	10	0.20	30	0.70	0.10	100	30	0.1
278: HS043	1399	4045	<5	4	1	4	49	0.10	0.10	10	0.20	160	1.40	0.10	200	380	0.1
279: HS046	1399	4087	<5	31	4	436	570	0.10	0.10	150	0.20	590	42.00	0.10	280	90	0.5
280: HS049	1402	4094	50	18	1	23	228	0.10	0.40	110	0.20	530	10.00	0.30	270	290	0.6
281: HS050	1410	4102	<5	55	1	12	500	0.10	1.20	150	0.20	550	21.00	0.10	200	110	0.6
282: HS051	1407	4114	30	71	2	110	320	0.20	2.30	350	0.20	500	9.00	0.10	340	1760	0.9
283: HS054	1397	4121	15	7	1	64	65	0.10	0.30	22	0.20	270	2.80	0.20	190	180	0.5
284: HS055	1393	4123	<5	18	1	4	570	0.10	0.50	32	0.20	140	1.40	0.10	220	260	0.3
285: HS056	1388	4126	<5	12	1	20	217	0.10	0.40	39	0.20	70	3.40	0.10	170	330	0.5
286: HS058	1410	4123	10	13	1	31	168	0.10	0.40	100	0.20	230	7.60	0.10	240	160	0.4
287: HS059	1415	4129	<5	1	1	3	22	0.10	0.10	15	0.20	120	1.50	0.10	120	30	0.1
288: HS060	1418	4136	<5	6	1	10	44	0.20	0.30	23	0.20	90	2.60	0.10	120	200	0.2
289: HS061	1417	4143	5	2	1	4	7	0.10	0.10	9	0.20	40	0.30	0.10	50	20	0.1
290: HS062	1416	4148	10	41	1	1	224	0.50	1.40	280	0.20	60	5.50	0.10	320	510	0.8
291: HS063	1415	4149	<5	3	1	4	8	0.10	0.10	7	0.20	50	0.50	0.10	70	20	0.1
292: HS065	1408	4156	<5	29	1	35	1180	0.10	0.10	50	0.20	120	16.20	0.10	120	140	0.2
293: HS067	1397	4170	<5	28	1	76	29	0.40	0.10	17	0.20	190	17.00	12.00	70	420	0.2
294: HS071	7418	2218	<5	7	1	5	4	0.10	0.10	10	0.20	30	1.09	0.10	126	400	0.5
295: HS072	7402	2295	<5	20	1	10	14	0.10	0.10	11	0.20	30	0.40	0.20	150	400	0.6
296: HS075	7452	2577	<5	7	1	57	155	0.10	0.30	9	1.80	30	0.20	0.40	180	160	0.4
297: HS076	7454	2574	<5	104	1	52	17	0.10	0.10	50	0.20	20	1.00	0.30	80	160	0.1
298: HS077	7454	2574	<5	870	1	27	117	0.10	0.10	80	0.20	40	0.60	0.20	200	200	0.4
299: HS078	7473	2583	<5	4	1	40	6	0.10	0.10	5	0.20	70	1.20	0.30	290	420	0.1
300: HS080	7513	2595	35	13	1	108	8	0.20	0.10	50	2.00	240	15.80	2.40	240	50	0.4

Table 4 Chemical Analyses of Chip Samples (7)

Sample No.	X	Y	Au (ppb)	Cu (ppm)	Mo (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppm)	Cd (ppm)	As (ppm)	Se (ppm)	Hg (ppb)	Sb (ppm)	Bi (ppm)	F (ppm)	Ba (ppm)	Tl (ppm)
301: HS091	7530	2593	<5	15	1	18	105	0.10	0.10	11	0.20	40	2.40	0.50	450	160	2.8
302: HS092	7538	2590	<5	3	1	11	17	0.10	0.10	7	1.40	50	0.40	0.60	750	90	1.8
303: HS093	7520	2580	30	4	1	50	8	2.20	0.10	20	0.40	480	9.00	3.20	440	80	1.0
304: HS094	7103	2467	<5	2	1	6	4	0.10	0.10	7	0.20	40	1.40	2.30	390	440	1.4
305: HS095	7120	2478	<5	8	1	8	4	0.10	0.10	19	2.20	30	4.60	2.80	220	30	0.1
306: HS096	7125	2450	<5	8	13	36	8	0.10	0.10	25	0.20	220	2.20	2.80	60	20	0.1
307: HS097	7125	2450	<5	8	1	19	11	0.10	0.10	14	0.20	40	1.20	0.30	60	20	0.1
308: HS098	7125	2450	5	7	4	14	6	0.10	0.10	9	0.20	1700	1.60	1.10	50	20	0.1
309: HS099	7125	2450	60	8	8	72	9	0.10	0.10	60	5.00	370	3.00	4.10	110	70	0.1
310: HS090	7135	2449	<5	8	2	29	5	0.10	0.10	27	3.00	130	1.40	4.70	340	660	1.5
311: HS091	7138	2447	<5	43	1	50	21	0.10	0.10	20	0.80	180	1.20	12.00	360	250	2.8
312: HS092	7202	2497	<5	11	1	13	6	0.10	0.10	100	0.80	60	0.70	9.00	550	250	3.2
313: HS093	7229	2510	100	950	1	430	7	0.80	0.10	220	0.20	140	2.20	6.00	1380	310	0.2
314: HS094	7229	2510	30	730	1	630	5	0.50	0.10	230	0.20	80	3.50	5.30	1220	330	0.1
315: HS095	7240	2510	<5	2	1	3	3	0.10	0.10	4	0.20	30	0.40	0.20	80	20	0.1
316: HS096	7269	2470	<5	43	1	18	37	0.10	0.10	19	0.20	20	0.60	0.40	350	220	0.5
317: HS101	7350	2443	<5	34	1	5	64	0.10	0.10	6	0.20	10	0.50	0.10	220	290	0.1
318: HS104	7362	2385	5	25	1	3	4	0.10	0.10	60	2.60	500	4.50	0.50	50	70	0.1
319: HS106	7704	2300	<5	5	1	2	4	0.10	0.10	10	1.00	250	0.20	0.20	50	90	0.1
320: HS107	7785	2254	<5	32	1	15	40	0.10	0.10	38	1.20	50	1.20	0.90	220	220	0.8
321: HS110	7817	2113	<5	5	1	8	2	0.10	0.10	41	0.20	30	1.60	0.10	300	660	1.0
322: HS113	7778	2268	35	19	2	13	7	0.10	0.10	14	0.40	100	0.20	0.70	260	510	1.1
323: HS114	7784	2267	<5	12	1	3	3	0.10	0.10	10	0.20	30	0.20	0.10	70	360	0.8
324: HS117	7789	2270	<5	8	1	7	2	0.10	0.10	9	0.20	20	0.20	0.10	50	20	0.1
325: HS118	7823	2320	<5	7	75	1	6	0.10	0.10	450	0.20	20	0.50	0.10	50	40	7.0
326: HS119	7838	2342	100	43	6	443	48	0.80	0.10	1900	19.00	50	16.60	4.30	100	360	0.4
327: HS120	7818	2327	<5	12	1	6	33	0.10	0.10	5	0.20	50	0.60	0.10	260	160	0.3
328: HS123	7785	2237	<5	44	1	4	5	1.80	0.10	23	0.20	360	2.00	3.50	50	30	2.2
329: HS124	7775	2229	<5	20	1	4	4	0.10	0.10	32	0.20	110	0.40	0.10	420	380	1.3
330: HS126	7715	2164	<5	19	1	2	65	0.10	0.10	5	0.20	30	0.30	0.10	260	550	0.4
331: HS129	7316	2397	<5	8	4	20	4	0.10	0.10	9	1.00	230	0.50	2.70	60	50	0.1
332: HS131	7234	2415	<5	6	1	16	7	0.10	0.10	10	0.40	30	0.50	0.50	240	110	0.3
333: HS132	7234	2415	<5	77	1	3	2000	0.10	0.10	10	0.30	30	0.30	0.10	460	30	0.2
334: HS137	7216	2317	<5	3	1	73	3	0.10	0.10	16	0.20	50	0.70	0.30	260	110	0.1
335: HS139	7163	2314	<5	2	1	62	2	0.10	0.10	7	0.20	20	3.40	4.20	850	140	0.6
336: HS139	7122	2341	10	236	4	76	246	0.30	0.30	50	2.00	90	1.00	1.20	400	90	2.9
337: HS140	7510	2707	<5	10	1	11	6	0.10	0.10	14	0.60	40	1.50	3.10	300	140	0.2
338: HS141	7489	2712	10	16	1	73	6	0.10	0.10	59	1.60	2000	1.80	3.00	420	30	0.3
339: HS142	7473	2716	5	61	1	71	25	0.10	0.10	25	0.80	1500	0.80	2.70	520	200	2.8
340: HS144	7576	2710	30	21	1	27	14	0.10	0.10	19	0.20	360	3.80	0.20	370	440	3.0
341: HS145	7600	2710	<5	5	3	24	10	0.10	0.10	9	1.00	60	0.80	1.00	420	110	1.4
342: HS146	7628	2681	<5	3	1	22	3	0.10	0.10	5	0.20	1300	0.80	1.10	250	140	1.0
343: HS147	7639	2663	<5	2	1	30	6	0.10	0.10	5	0.20	30	4.80	1.10	480	90	1.6
344: HS150	7750	2593	<5	6	1	6	4	0.10	0.10	4	0.20	40	0.60	0.10	80	50	0.1
345: HS151	7763	2567	<5	19	4	7	13	0.10	0.10	23	3.40	20	1.00	0.30	600	160	0.5
346: HS152	7772	2550	10	2	1	2	2	0.10	0.10	4	0.20	20	0.20	0.10	60	50	0.1
347: HS154	7792	2526	<5	5	1	1	4	0.10	0.10	7	0.20	20	0.10	0.10	100	90	0.2
348: HS155	7800	2513	<5	70	1	135	94	0.10	0.60	5	0.20	10	0.10	1.70	220	310	0.1
349: HS157	7786	2505	<5	9	1	3	5	0.10	0.10	17	0.20	70	1.80	0.20	60	160	0.1
350: HS153	7786	2505	<5	4	1	1	7	0.10	0.10	7	0.20	20	0.20	0.10	50	1100	0.1

Table 4 Chemical Analyses of Chip Samples (8)

Sample No.	X	Y	As (ppb)	Cu (ppm)	Mo (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppm)	Cd (ppm)	Au (ppm)	Se (ppm)	Hg (ppb)	Sb (ppm)	Bi (ppm)	F (ppm)	Ba (ppm)	Tl (ppm)
351: HS160	7768	2516	<5	4	1	2	6	0.10	0.10	4	0.20	10	0.10	0.10	60	140	0.1
352: HS161	7673	2527	<5	5	1	3	9	0.10	0.10	5	0.20	40	0.10	0.10	60	50	0.3
353: HS163	7640	2985	<5	81	1	150	4750	0.20	1.50	83	1.20	80	1.00	3.40	320	160	0.3
354: HS164	7646	2985	<5	33	4	68	34	0.10	0.10	350	30.00	20	4.80	1.20	480	690	1.1
355: HS168	7584	2989	<5	133	3	1150	15	0.40	0.10	1600	5.00	410	170.00	2.80	80	530	0.5
356: HS169	7554	2989	<5	64	2	800	52	0.20	0.10	41	0.40	550	9.60	1.00	200	200	2.5
357: HS170	7580	2976	<5	2	3	23	3	0.10	0.10	11	0.20	140	9.00	1.90	50	70	0.3
358: HS171	7580	2976	<5	58	5	2050	37	0.20	0.10	3400	5.00	130	45.00	17.00	140	440	1.6
359: HS172	7580	2976	<5	13	2	490	57	1.10	0.10	1600	5.00	130	57.00	4.50	110	270	0.5
360: HS173	7565	2972	<5	18	1	75	13	8.00	0.10	50	4.00	4500	16.00	7.60	650	250	0.1
361: HS174	7565	2972	<5	23	1	132	5	2.20	0.10	20	0.20	780	35.00	15.00	50	640	0.4
362: HS175	7665	2962	15	242	3	1000	42	100.00	0.10	550	15.00	22200	470.00	118.00	80	90	0.3
363: HS178	7562	2952	110	33	1	492	20	6.10	0.10	240	4.40	4200	34.00	18.00	70	710	0.4
364: HS177	7545	2975	5	9	1	218	5	3.30	0.10	50	0.20	730	20.00	14.00	40	250	0.4
365: HS178	7565	2915	5	4	1	238	4	0.10	0.10	7	0.30	180	1.60	2.60	280	270	2.8
366: HS179	7568	2905	75	148	3	4600	15	0.10	0.10	120	6.20	80	10.00	2.80	760	310	0.2
367: HS180	7570	2897	15	10	1	225	5	0.10	0.10	23	0.80	50	1.20	2.90	620	470	0.1
368: HS181	7570	2897	5	18	19	83	3	0.10	0.10	8	1.00	80	0.70	2.80	1000	620	0.1
369: HS182	7572	2882	35	3	205	700	7	0.10	0.20	9	0.20	60	1.30	0.80	240	90	0.2
370: HS183	7584	2875	65	8	2	71	10	0.10	0.10	16	2.40	140	1.00	0.90	1700	130	0.1
371: HS184	7584	2875	60	8	3	80	4	0.10	0.10	6	0.20	160	1.80	1.80	450	310	0.1
372: HS185	7600	2872	170	150	32	830	14	0.10	0.10	70	7.00	80	54.00	9.80	1300	360	5.0
373: HS186	7604	2888	25	4	2	13	5	0.10	0.10	5	0.20	40	1.00	1.90	1600	380	3.1
374: HS187	7613	2896	60	5	2	186	3	0.10	0.10	33	0.20	230	4.40	12.00	2000	000	5.2
375: HS190	7527	2887	25	37	1	14	65	0.50	0.10	41	0.40	140	2.40	1.30	320	360	0.8
376: HS192	7537	2920	<5	13	1	273	9	9.80	0.10	70	15.60	860	22.00	3.00	480	250	0.2
377: HS193	7533	2953	25	16	7	53	7	0.90	0.10	24	3.50	60	1.00	63.00	2300	470	0.2
378: HS194	7530	2966	100	29	3	26	13	0.10	0.10	36	0.80	80	2.20	1.80	840	30	0.2
379: HS195	7530	2966	5	15	20	600	21	0.10	0.10	640	10.00	110	195.00	6.40	70	30	0.3
380: HS196	7527	3020	25	22	2	660	7	0.10	0.10	43	2.00	2300	6.00	1.30	60	30	0.2
381: HS197	7480	3080	15	15	1	46	9	1.30	0.10	24	3.20	40	27.00	0.10	60	640	0.1
382: HS200	7528	3062	<5	5	1	200	7	6.30	0.10	50	1.00	80	37.00	0.20	380	220	0.8
383: HS201	7540	3054	<5	4	1	115	5	2.20	0.10	55	2.00	300	12.40	0.20	110	90	0.8
384: HS209	8566	5116	<5	69	6	32	12	0.10	0.10	50	4.60	30	2.80	0.40	830	110	0.2
385: HS210	8556	5074	10	83	1	620	46	0.10	0.10	5	1.80	20	0.40	0.10	370	380	2.1
386: HS211	8552	5082	10	24	1	60	185	0.10	2.10	9	1.20	20	0.40	0.80	300	320	1.3
387: HS213	8530	5084	60	10000	1	196	470	3.30	1.50	18	0.20	90	1.30	0.80	70	70	0.5
388: HS215	8530	5084	375	10000	1	1250	3000	12.80	16.00	19	0.20	50	1.30	0.90	180	180	0.4
389: HS216	8530	5084	590	10000	1	1350	4300	16.30	23.00	9	0.20	30	1.20	0.70	200	50	0.2
390: HS221	8410	5127	20	900	7	3200	3800	1.50	19.00	6	0.20	70	0.60	0.50	170	2300	2.0
391: HS223	8410	5127	<5	108	14	485	358	0.10	1.00	5	0.20	30	0.80	0.10	140	880	1.2
392: HS224	8410	5127	50	34	1	580	54	0.10	0.10	6	0.20	130	0.30	0.10	70	510	0.8
393: HS234	8228	5095	<5	5	1	15	46	0.10	0.10	6	0.20	20	0.20	0.10	140	690	0.7
394: HS240	8134	5045	5	9	1	12	4	0.10	0.10	5	3.40	20	0.20	0.10	560	180	1.2
395: HS243	8125	5027	10	550	3	900	1150	4.20	0.20	53	6.00	60	1.00	3.40	70	20	0.1
396: HS246	8570	5048	<5	5	1	15	276	0.30	0.10	4	0.20	10	0.40	0.10	420	90	0.4
397: HS247	8570	5048	5	15	2	25	14	0.10	0.10	70	18.00	50	0.40	0.10	50	90	0.2
398: HS248	8556	5032	<5	18	1	5	12	0.10	0.10	11	5.60	20	0.40	0.10	400	50	0.2
399: HS249	8556	5032	15	15	1	14	13	0.10	0.10	9	3.00	30	0.20	0.70	1370	180	1.7
400: HS250	8548	5020	320	10000	1	990	2850	11.00	15.00	14	0.20	30	0.40	2.20	7400	30	1.4

Table 4 Chemical Analyses of Chip Samples (9)

Sample No.	X	Y	Au (ppb)	Cu (ppm)	Mo (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppm)	Cd (ppm)	As (ppm)	Se (ppm)	Hg (ppb)	Sb (ppm)	Bi (ppm)	F (ppm)	Ba (ppm)	Tl (ppm)
401: HS251	8547	5018	<5	5	1	12	14	0.10	0.10	5	0.20	20	0.10	0.10	80	50	0.1
402: HS252	8547	5016	35	117	1	11	71	0.50	0.10	12	3.00	40	0.20	0.10	460	1360	0.3
403: HS253	8547	5010	<5	8000	1	15	500	0.10	3.50	5	0.20	20	0.10	0.10	270	1560	1.1
404: HS254	8547	5000	10	85	1	84	158	0.10	0.10	22	0.20	40	0.40	0.70	390	1300	1.2
405: HS255	8545	4990	5	5	1	900	18	0.10	0.10	5	3.00	30	0.40	0.20	1200	3100	0.2
406: HS256	8545	4990	<5	35	1	16	14	0.10	0.10	5	2.20	40	0.30	0.20	4950	90	0.1
407: HS257	8543	4982	<5	20	1	42	10	1.20	0.10	4	1.00	90	0.20	0.10	500	400	0.1
408: HS258	8538	4963	5	30	1	2	38	0.10	0.10	3	0.20	20	0.10	0.10	340	270	1.0
409: HS259	8538	4963	<5	26	1	5	7	0.10	0.10	4	4.20	20	0.40	0.50	590	330	0.1
410: HS260	8530	4956	<5	55	1	13	15	0.10	0.10	4	0.20	10	0.30	0.10	120	470	0.1
411: HS261	8530	4956	45	47	1	74	294	0.10	1.30	12	0.20	30	0.30	0.10	140	660	1.1
412: HS262	8510	4953	10	108	1	14	600	0.10	1.50	9	0.20	10	0.10	0.10	820	90	0.7
413: HS263	8564	4922	5	10	1	9	8	0.10	0.10	6	0.20	20	0.20	0.20	140	30	0.1
414: HS267	8604	4840	100	1000	21	10000	10000	8.00	170.00	260	2.40	2100	39.00	0.10	110	10000	0.2
415: HS268	8604	4840	100	88	1	10000	780	19.00	6.50	9	0.40	220	8.20	0.10	40	660	0.1
416: HS263	8460	4846	50	19	1	590	16	0.10	0.10	12	7.00	30	0.60	0.20	340	330	0.7
417: KB001	1253	4272	<5	15	1	4	13	0.10	0.10	6	0.60	190	1.00	0.10	30	20	0.1
418: KB002	1315	4280	<5	15	1	188	118	1.80	0.10	260	0.20	610	22.00	0.10	80	20	0.1
419: KB003	1334	4265	<5	44	1	272	580	9.30	0.60	720	0.20	37000	37.00	0.10	100	50	0.3
420: KB004	1367	4300	<5	2	1	3	69	0.10	0.10	5	0.20	150	0.80	0.10	250	490	0.3
421: KB005	1319	4101	<5	8	4	3	22	0.10	0.70	7	0.20	100	0.80	0.10	60	140	0.1
422: KB010	1209	4169	<5	22	1	45	92	0.10	0.10	60	0.20	390	20.00	0.10	120	110	0.2
423: KB012	1143	3968	<5	92	1	1	152	0.10	0.10	29	0.20	1200	33.00	0.10	220	50	0.7
424: KB014	1240	3980	<5	49	1	1	58	0.10	0.10	5	0.20	50	0.60	0.10	360	110	0.2
425: KB016	1250	3959	<5	4	1	3	22	0.10	0.10	15	0.20	160	0.80	0.10	60	40	0.1
426: KB017	1584	4300	50	22	1	158	2100	1.40	2.30	290	0.20	7600	32.00	8.50	220	30	0.2
427: KB018	1566	4301	15	4	1	890	28	0.10	0.10	9	0.20	130	2.80	0.10	380	1500	0.6
428: KB019	1457	4339	<5	37	6	5	27	0.10	0.10	7	0.20	730	4.40	0.10	330	160	0.2
429: KB020	1460	4342	3100	90	13	94	13	8.00	0.60	19	0.20	5200	55.00	1.30	80	330	0.1
430: KB021	1447	4312	15	138	66	9	126	0.10	1.80	9	0.20	1200	12.00	0.60	70	90	0.1
431: KB022	1441	4285	<5	145	1	1	34	0.10	0.10	5	0.20	60	0.40	0.10	270	200	0.2
432: KB025	1430	4230	10	123	1	1	23	0.10	0.10	4	0.20	70	0.90	0.10	320	110	0.1
433: KB026	1430	4185	590	50	1	8	114	0.10	0.10	240	0.20	140	13.80	0.20	320	140	0.3
434: KB027	1480	4121	<5	20	1	18	35	0.10	0.10	19	0.20	130	1.40	0.10	210	160	0.4
435: KB029	1504	3964	<5	1	1	5	17	0.10	0.10	6	0.20	130	0.40	0.10	100	360	0.4
436: KB030	1503	3974	<5	5	4	1	8	0.10	0.10	9	0.20	90	0.40	0.10	80	90	0.1
437: KB032	1490	4059	5	2	1	7	14	0.10	0.10	7	0.20	100	0.80	0.10	120	360	0.3
438: KB033	1438	4059	40	20	10	230	10000	1.30	51.00	160	0.20	39000	65.00	0.10	210	1340	0.3
439: KB034	1479	4330	5	23	1	8	32	0.10	0.20	9	0.20	1300	9.60	0.10	160	310	0.4
440: KB035	1480	4323	120	40	2	255	20	0.80	0.10	25	0.20	3300	77.00	0.40	320	110	0.4
441: KB040	1478	4304	10	57	6	2	21	0.10	0.10	16	0.20	450	9.80	0.10	220	250	0.5
442: KB041	1477	4297	<5	139	1	1	45	0.10	0.10	6	0.20	100	0.30	0.10	300	360	0.3
443: KB043	1476	4277	35	30	72	3	9	0.10	0.10	9	0.20	140	5.80	0.10	290	400	0.7
444: KB044	1477	4269	5	116	8	5	27	0.10	0.10	11	0.20	400	5.40	0.10	450	220	0.8
445: KB045	1483	4257	5	103	1	1	23	0.10	0.10	11	0.20	90	0.40	1.00	110	50	0.2
446: KB048	1443	4215	<5	128	1	26	332	0.10	7.50	60	0.20	630	29.00	0.20	310	60	0.1
447: KB049	1447	4210	<5	8	1	47	60	0.10	0.60	5	0.20	80	1.00	0.10	40	70	0.1
448: KB051	1451	4211	10	84	1	730	850	0.20	3.70	140	0.20	270	24.00	0.60	370	30	0.3
449: KB052	1485	4203	<5	13	1	6	30	0.10	0.10	16	0.20	50	2.00	0.10	200	290	0.4
450: KB053	1485	4218	10	3	1	7	32	0.10	0.20	22	0.20	70	1.00	0.70	200	250	0.3

Table 4 Chemical Analyses of Chip Samples (10)

Sample No.	X	Y	Au (ppb)	Cu (ppm)	Mo (ppm)	Pb (ppm)	Zn (ppm)	Hg (ppm)	Cd (ppm)	As (ppm)	Se (ppm)	Kg (ppb)	Sb (ppm)	Bi (ppm)	F (ppm)	Ba (ppm)	Tl (ppm)
451: KB054	1481	4223	<5	32	3	31	358	0.10	0.50	80	0.20	1000	20.00	0.20	220	290	0.5
452: KB056	1511	4252	15	870	200	415	1200	0.10	2.80	600	0.60	32000	380.00	6.20	360	110	0.4
453: KB057	1518	4298	10	38	1	41	290	0.10	0.20	90	0.20	19000	24.00	0.20	280	220	1.1
454: KB058	5222	2238	<5	32	1	5	12	0.10	0.10	19	3.00	150	0.70	0.10	120	660	0.7
455: KB059	8174	2342	<5	21	1	10	3	0.10	0.10	80	0.40	420	1.80	0.10	180	420	0.5
456: KB060	7840	2178	<5	13	1	1	6	0.10	0.10	22	0.20	180	1.00	0.10	70	270	0.2
457: KB081	7840	2178	5	42	55	1	17	0.10	0.10	110	7.00	310	8.00	1.00	80	90	0.2
458: KB082	7840	2178	<5	32	16	1	17	0.10	0.10	640	0.20	300	24.00	6.70	50	30	0.1
459: KB063	7988	2696	<5	94	1	22	31	0.10	0.10	33	0.20	40	0.40	0.10	170	50	0.8
460: KB064	8072	2751	<5	14	1	10	5	0.10	0.10	60	0.20	50	1.00	0.10	160	30	0.9
461: KB065	8071	2751	80	7	1	10	3	0.10	0.10	25	1.00	150	1.20	1.60	780	70	0.1
462: KB066	8130	2778	15	30	3	37	21	0.10	0.10	160	0.20	20	5.00	20.00	360	380	0.2
463: KB067	8140	2783	<5	4	2	1	12	0.10	0.10	70	0.20	20	1.60	0.10	230	30	0.2
464: KB069	8079	3043	5	48	1	1	48	0.10	0.10	7	0.20	10	0.20	0.10	300	270	1.2
465: KB071	8087	3032	<5	4	1	1	103	0.10	0.20	6	0.20	20	0.40	0.10	250	490	0.8
466: KB072	8091	3029	50	51	21	750	93	1.50	0.20	1000	4.00	1900	60.00	2.80	220	1000	3.9
467: KB073	8091	3029	10	18	1	23	54	0.20	0.10	70	0.40	450	10.00	0.10	260	690	5.8
468: KB074	8119	3017	40	90	3	84	17	2.20	0.10	14	3.60	120	2.80	1.10	80	180	0.4
469: KB075	8126	3033	<5	5	21	47	11	0.10	0.10	60	0.20	50	0.80	0.10	1650	440	0.7
470: KB076	8130	2988	<5	35	1	40	470	0.10	0.10	22	0.20	20	1.60	0.10	320	360	2.0
471: KB077	8200	3008	<5	14	1	5	22	0.10	0.10	32	0.20	40	0.60	0.10	210	50	0.2
472: KB078	8217	3013	5	3	1	1	2	0.10	0.10	5	0.20	20	0.60	1.30	80	50	0.1
473: KB079	8238	3014	15	1	1	1	2	0.10	0.10	5	0.20	20	0.60	2.40	50	20	0.1
474: KB080	8241	3017	15	7	1	37	3	0.10	0.10	10	0.20	20	0.40	0.20	70	110	0.2
475: KB081	8248	3017	65	14	1	74	6	0.10	0.10	12	0.20	40	0.40	0.30	30	140	0.1
476: KB082	8266	2988	<5	12	1	10	11	0.10	0.10	5	0.20	20	0.20	0.10	209	160	1.2
477: KB083	8286	2988	<5	5	1	4	12	0.10	0.10	6	0.20	20	0.40	0.10	110	70	0.4
478: KB085	8272	2987	30	62	3	61	29	0.10	0.10	210	6.40	40	2.40	1.20	110	80	0.2
479: KB086	8289	2983	10	21	1	6	16	0.10	0.10	14	0.20	50	1.20	0.40	90	40	0.1
480: KB087	8304	2981	10	4	1	8	8	0.10	0.10	9	1.00	10	0.40	0.30	340	440	0.8
481: KB088	8347	2953	3050	7	1	34	7	0.10	0.10	5	0.20	30	4.00	0.60	80	30	0.5
482: KB089	8416	2989	10	5	1	11	4	0.10	0.10	5	0.20	20	0.60	1.00	740	330	0.1
483: KB090	8110	2986	<5	3	1	35	46	0.10	0.20	6	0.20	20	1.00	0.10	130	120	0.3
484: KB091	8113	2969	40	12	1	11	5	0.10	0.10	8	0.20	20	0.80	0.20	80	30	0.2
485: KB092	7999	2930	<5	39	18	144	800	0.30	0.80	790	0.20	30	59.00	24.00	50	30	0.3
486: KB093	7990	2928	<5	98	1	1	134	0.10	0.10	10	0.20	20	0.50	0.10	420	30	0.1
487: KB094	7985	2991	80	19	4	10	5	0.10	0.10	190	0.40	310	12.00	0.20	160	160	0.1
488: KB095	8041	2867	<5	394	1	1	168	0.10	0.10	90	0.20	350	2.00	0.10	230	30	0.6
489: KB096	8055	2848	<5	44	1	1	108	0.10	0.10	5	0.20	30	1.80	0.10	370	40	0.1
490: KB098	8601	2858	<5	9	1	5	18	0.10	0.10	9	0.20	120	0.80	0.10	120	330	1.1
491: KB104	8500	2762	<5	33	7	36	25	0.10	0.10	130	0.20	20	2.20	1.00	260	660	0.5
492: KB105	8474	2780	<5	71	3	78	7	0.10	0.10	38	0.20	10	1.00	3.50	600	420	1.2
493: KB107	8408	2609	<5	12	2	5	13	0.10	0.10	41	0.20	20	1.00	0.20	440	270	0.1
494: KB108	8415	2603	<5	3	1	3	2	0.10	0.10	5	0.20	10	0.40	0.10	60	800	0.1
495: KB109	8420	2599	<5	31	1	10	17	0.10	0.10	16	0.20	170	0.20	0.10	210	330	0.7
496: KB110	8453	2583	<5	4	1	5	4	0.10	0.10	6	0.20	30	0.40	0.10	60	140	0.1
497: KB112	8610	2483	<5	39	3	47	790	0.10	0.10	60	0.20	180	17.60	0.10	820	160	0.9
498: KB114	8637	2455	<5	3	1	6	4	0.10	0.10	6	0.20	50	0.60	0.20	70	20	0.1
499: KB118	8400	2055	<5	15	1	12	9	0.10	0.10	25	0.20	130	0.50	0.10	540	580	0.2
500: KB119	8425	2025	<5	12	1	10	47	0.10	0.10	9	0.20	120	0.50	0.10	760	1300	0.7

Table 4 Chemical Analyses of Chip Samples (11)

Sample No.	X	Y	Au (ppb)	Cu (ppm)	Mo (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppm)	Cd (ppm)	As (ppm)	Se (ppm)	Hg (ppb)	Sb (ppm)	Bi (ppm)	F (ppm)	Ba (ppm)	Tl (ppm)
501: KB120	8466	2030	<5	4	1	8	2	0.10	0.10	14	0.20	670	2.60	0.50	50	400	0.4
502: KB121	8500	2045	<5	5	1	5	4	0.10	0.10	7	0.20	100	0.80	1.00	1150	330	1.4
503: KB122	8402	2108	<5	3	1	1	3	0.10	0.10	11	1.60	390	0.60	0.10	80	220	0.2
504: KB124	8520	2209	<5	9	1	13	14	0.10	0.10	5	0.20	30	1.20	0.10	310	400	0.6
505: KB125	8536	2258	<5	2	1	18	3	0.10	0.10	5	0.20	60	0.40	0.10	1020	220	0.2
506: KB126	8555	2296	10	19	1	7	11	0.10	0.10	17	4.40	2100	0.80	0.50	690	2200	0.3
507: KB127	8598	2422	<5	40	1	27	50	0.10	0.10	60	0.20	180	4.60	0.10	160	220	0.1
508: KB130	8514	2049	<5	28	1	6	12	0.10	0.10	16	0.20	130	1.00	1.60	160	330	0.2
509: KB131	8533	2055	<5	5	1	4	5	0.10	0.10	4	0.20	380	0.40	0.10	50	50	0.4
510: KB132	8554	2056	<5	3	1	1	2	0.10	0.10	5	0.20	110	0.40	0.10	90	40	0.1
511: KB134	8340	2033	<5	38	1	2	16	0.10	0.10	8	0.20	60	0.60	0.10	110	620	0.7
512: KB135	8598	2054	<5	14	1	5	39	0.10	0.10	10	0.20	15000	1.20	0.10	270	30	0.3
513: KB136	8611	2063	<5	10	1	22	6	0.10	0.10	9	1.00	2700	0.60	0.10	190	490	0.7
514: KB137	8652	2057	30	15	3	16	9	0.10	0.10	20	0.60	140	1.00	0.50	880	840	0.2
515: KB138	8678	2066	45	12	1	2	4	0.10	0.10	6	0.20	170	1.20	0.10	60	30	0.1
516: KB139	8675	2069	30	15	2	1	5	0.10	0.10	15	0.60	150	3.60	0.10	100	50	0.1
517: KB141	8617	2133	10	9	1	1	6	0.10	0.10	4	0.20	30	0.50	0.10	200	30	0.2
518: KB142	8600	2161	<5	3	1	4	5	0.10	0.10	7	0.20	90	1.00	0.10	80	180	0.2
519: KB143	8618	2194	<5	8	1	4	4	0.10	0.10	14	0.20	220	0.80	0.20	640	120	0.5
520: KB145	8654	2199	<5	13	1	2	9	0.10	0.10	10	1.80	2200	0.40	0.10	80	250	0.6
521: KB146	8627	2239	30	5	1	1	4	0.10	0.10	11	0.20	580	1.80	1.30	160	50	0.3
522: KB147	8618	2258	<5	2	1	1	4	0.10	0.10	7	0.20	50	0.60	0.20	140	60	0.1
523: KB149	7997	2365	<5	12	1	2	4	0.10	0.10	170	0.20	220	10.00	0.20	90	120	0.1
524: KB154	7898	2782	<5	15	1	63	24	0.10	0.10	10	0.20	160	0.50	1.70	60	20	0.2
525: KB155	7924	2785	<5	92	1	10	475	0.10	0.10	160	0.20	250	2.40	0.10	180	40	0.1
526: KB156	8031	2733	<5	18	1	1	17	0.10	0.10	35	1.00	30	1.20	0.10	220	360	0.2
527: KB159	8079	2727	<5	15	1	5	33	0.10	0.10	14	0.20	30	0.40	0.10	460	440	1.0
528: KB160	8158	2743	<5	20	7	13	34	0.10	0.10	140	0.20	30	1.40	0.10	160	330	0.4
529: KB161	8181	2745	10	30	37	3	4	0.10	0.10	9	0.40	40	1.00	0.30	80	40	0.3
530: KB162	8340	2649	20	140	1	132	113	0.20	1.10	11	0.80	500	2.80	0.90	80	50	0.4
531: KB164	7831	2229	<5	3	1	2	5	0.10	0.10	27	0.20	40	0.40	0.10	60	70	0.1
532: KB165	7925	2221	<5	2	1	1	3	0.10	0.10	6	0.20	40	0.50	0.10	50	70	0.1
533: KB166	7920	2208	<5	4	1	4	5	0.10	0.10	9	0.20	30	0.60	0.10	60	40	0.2
534: KB167	7920	2196	<5	19	1	1	5	0.10	0.10	11	0.20	260	0.50	0.20	80	550	0.3
535: KB168	7920	2190	<5	5	1	2	5	0.10	0.10	17	0.20	100	0.40	0.10	140	250	1.4
536: KB169	7894	2191	<5	9	1	1	3	0.10	0.10	5	0.20	80	0.60	0.10	70	50	0.2
537: KB170	7878	2178	5	62	1	1	13	0.10	0.10	29	1.40	130	0.30	0.40	80	60	0.2
538: KB171	7877	2176	<5	3	1	3	3	0.10	0.10	10	0.20	60	0.40	0.10	70	110	0.2
539: KB172	7880	2170	<5	3	1	3	3	0.10	0.10	7	0.20	30	0.40	0.10	70	180	0.1
540: KB173	7880	2163	<5	4	8	1	4	0.10	0.10	7	0.20	40	0.50	0.10	70	400	0.2
541: KB174	7877	2165	<5	31	1	1	15	0.10	0.10	60	7.00	2500	8.80	0.10	250	580	0.7
542: KB176	7906	2111	<5	26	1	1	8	0.10	0.10	50	0.20	30	9.40	0.10	640	50	0.3
543: KB177	7907	2105	<5	4	1	3	3	0.10	0.10	19	0.20	30	0.50	0.10	90	70	0.2
544: KB178	7908	2098	20	4	4	5	3	0.10	0.10	9	0.20	30	0.40	0.10	80	180	0.3
545: KB180	7922	2084	140	12	2	20	6	0.10	0.10	110	2.20	500	4.80	3.50	820	550	0.3
546: KB181	7925	2083	100	57	2	12	14	0.10	0.10	370	4.20	100	1.00	8.50	1600	490	0.3
547: KB182	7947	2085	470	70	5	200	21	1.00	0.10	1600	1.20	290	17.00	66.00	200	880	1.1
548: KB183	7953	2082	<5	10	9	162	22	0.10	0.10	510	0.20	50	2.40	0.10	80	50	0.2
549: KB184	7991	2115	5	7	3	5	4	0.10	0.10	12	0.20	20	0.60	0.10	60	110	0.1
550: KB185	8022	2140	30	63	160	240	8	0.10	0.10	120	2.00	30	0.60	0.80	1060	270	0.2

Table 4 Chemical Analyses of Chip Samples (12)

Sample No.	X	Y	Au (ppb)	Cu (ppm)	Mo (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppm)	Cd (ppm)	As (ppm)	Se (ppm)	Hg (ppb)	Sb (ppm)	Bi (ppm)	F (ppm)	Ba (ppm)	Tl (ppm)
551: KB186	S029	2129	40	7	14	5	6	0.10	0.10	850	0.20	20	2.60	0.30	100	110	0.2
552: KB187	S033	2119	50	20	15	78	3	0.10	0.10	24	4.00	30	1.60	0.90	580	360	0.2
553: KB188	S042	2108	<5	8	1	3	4	0.10	0.10	80	0.20	10	0.60	0.50	60	50	0.1
554: KB189	S054	2122	5	425	4	42	29	0.30	0.10	10000	0.20	60	24.00	66.00	180	470	0.5
555: KB190	S065	2102	260	25	1	10	7	1.80	0.10	110	4.00	2400	21.00	5.50	60	1680	0.1
556: KB191	S099	2093	<5	57	3	27	7	0.90	0.10	38	1.00	2500	5.60	1.20	40	70	1.4
557: KB200	S290	2542	<5	4	1	11	5	0.10	0.10	11	0.20	50	0.40	0.30	60	90	0.1
558: KB202	S299	2561	<5	8	1	3	5	0.10	0.10	490	0.20	40	9.90	0.10	100	90	0.1
559: KB203	S299	2581	<5	1	1	12	2	0.10	0.10	14	0.20	20	0.60	0.50	1320	380	0.1
560: KB204	S299	2561	<5	5	1	13	2	0.10	0.10	50	0.40	60	4.00	0.10	200	510	0.1
561: KB205	S299	2561	<5	6	1	17	9	0.10	0.10	110	0.20	50	7.80	0.60	400	400	0.3
562: KB206	S299	2561	25	7	1	4	3	0.10	0.10	200	2.20	20	7.60	0.10	140	140	0.1
563: KB207	S299	2561	15	6	1	2	4	0.10	0.10	270	0.20	30	2.20	0.10	80	80	0.2
564: KB208	S299	2561	<5	3	1	2	2	0.10	0.10	6	0.20	70	0.40	0.10	60	640	0.1
565: KB209	S316	2575	50	21	4	1	7	0.10	0.10	9	0.60	90	0.40	0.10	80	70	0.2
566: KB210	S337	2572	<5	3	1	2	2	0.10	0.10	8	0.20	20	0.80	0.10	60	50	0.1
567: KB211	S357	2566	<5	2	1	6	4	0.10	0.10	22	0.20	40	0.60	0.10	80	70	0.3
568: KB212	S377	2571	<5	2	1	4	3	0.10	0.10	20	0.20	20	0.60	0.30	40	70	0.1
569: KB213	S772	4933	<5	10000	1	2	43	5.20	0.10	5	0.20	20	0.20	0.10	210	110	0.2
570: KB220	S755	5077	20	21	8	18	10	0.10	0.10	750	0.20	160	1.20	0.10	70	510	2.1
571: KB221	S738	5097	<5	22	1	16	55	0.10	0.10	50	0.20	160	0.60	0.10	80	550	1.9
572: KB226	S839	5140	<5	12	1	6	67	0.10	0.10	16	0.20	20	0.20	0.10	200	1380	1.2
573: KB228	S841	5113	<5	57	1	5	10	0.20	0.10	14	0.60	140	0.60	0.10	200	730	1.5
574: KB229	S835	5097	45	10	12	7	5	0.60	0.10	19	2.40	20	1.00	0.10	70	2400	0.3
575: KB230	S832	5066	<5	123	1	10	54	0.30	0.10	36	0.80	20	0.40	0.10	250	530	0.2
576: KB232	S018	5130	<5	3	1	6	1	0.10	0.10	4	0.20	20	0.20	0.20	950	30	0.1
577: KB240	S064	4803	<5	17	23	25	6	0.10	0.10	29	0.20	60	1.20	1.70	250	620	1.0
578: KB248	S965	4798	<5	222	1	163	27	0.10	6.60	6	0.20	30	0.20	0.10	100	50	0.1
579: KS001	1340	4309	10	264	1	1	148	0.10	0.10	150	0.20	7800	75.00	0.10	80	80	0.2
580: KS002	1344	4315	<5	5	1	25	34	0.10	1.00	420	0.20	740	8.60	0.10	80	110	0.2
581: KS004	1428	4411	<5	4	1	3	28	0.10	0.10	9	0.20	40	1.00	0.10	190	310	0.5
582: KS007	1496	4449	65	640	1	295	4200	5.60	73.00	9	0.20	390	11.00	40.00	100	50	0.2
583: KS008	1560	4491	<5	80	3	8	36	0.10	0.10	14	0.20	190	4.40	0.60	420	250	0.6
584: KS010	1565	4510	<5	24	1	320	2700	2.00	33.00	19	0.20	48000	9.40	0.30	80	90	0.2
585: KS011	1570	4521	<5	358	4	10000	4500	58.00	38.00	60	0.20	20000	240.00	0.10	70	270	0.3
586: KS016	1252	4315	<5	172	1	45	37	0.10	0.60	130	0.20	30000	180.00	0.10	80	360	0.2
587: KS017	1252	4320	20	36	1	19	228	0.10	1.00	36	0.20	350	4.80	0.40	150	360	0.9
588: KS018	1254	4326	<5	84	1	10	345	0.50	0.20	50	0.20	720	24.00	0.10	340	160	0.7
589: KS020	1249	4398	<5	14	1	5	36	0.10	0.10	9	0.20	60	1.00	0.10	280	400	0.1
590: KS021	1251	4424	<5	70	1	70	47	0.10	0.20	110	0.20	4200	190.00	0.10	110	20	0.1
591: KS022	1248	4434	<5	6	4	18	800	0.20	9.60	22	0.20	260	1.60	0.10	30	160	0.1
592: KS026	1163	4457	<5	35	1	2	20	0.20	0.10	6	0.20	70	0.40	0.10	60	20	0.1
593: KS029	1162	4362	<5	12	1	4	19	0.10	0.40	4	0.20	40	0.20	0.10	50	20	0.1
594: KS031	1306	4127	<5	136	19	15	200	0.10	0.20	50	0.20	680	16.80	0.10	220	200	0.3
595: KS032	1301	4128	<5	24	130	29	194	0.10	0.10	19	0.20	910	5.00	0.80	80	110	0.1
596: KS033	1297	4128	29	14	19	7	22	0.10	0.10	10	0.20	410	6.00	0.20	300	20	0.1
597: KS034	1292	4126	10	218	30	13	223	0.10	0.20	130	0.20	910	51.00	0.10	330	130	0.2
598: KS035	1288	4124	15	160	15	10	272	0.10	0.40	70	0.20	3600	25.00	0.30	470	100	0.4
599: KS036	1284	4124	55	207	28	50	76	0.10	0.50	70	0.20	17000	64.00	2.20	1350	90	0.5
600: KS037	1278	4125	<5	245	14	25	500	0.10	2.00	50	2.00	17000	19.60	0.20	400	110	0.2

Table 4 Chemical Analyses of Chip Samples (13)

Sample No.	X	Y	Au (ppb)	Cu (ppm)	Mo (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppm)	Cd (ppm)	As (ppm)	Se (ppm)	Rg (ppb)	Sb (ppm)	Bi (ppm)	F (ppm)	Ba (ppm)	Tl (ppm)
601: KS035	1273	4125	<5	137	3	70	365	0.30	1.80	490	0.40	5400	18.00	0.10	300	220	0.2
602: KS039	1268	4126	<5	37	1	1	78	0.10	0.10	130	0.20	3600	3.00	0.10	400	110	0.5
603: KS040	1264	4127	<5	83	3	12	196	0.20	0.10	270	0.60	3200	38.00	0.10	470	110	0.3
604: KS041	1259	4127	<5	79	1	20	630	0.30	5.00	370	0.20	4300	42.00	0.10	350	160	2.1
605: KS043	1247	4130	<5	9	1	1	44	0.20	0.10	53	0.20	190	2.40	0.10	40	20	0.1
606: KS044	1242	4130	<5	60	1	2	55	0.10	0.10	35	0.20	470	11.00	0.10	70	100	0.2
607: KS046	1231	4129	<5	9	1	172	119	0.30	0.10	60	0.20	440	18.00	0.10	100	2500	0.1
608: KS048	1216	4123	5	6	1	78	276	0.10	0.10	490	0.20	1600	26.00	0.10	170	50	1.0
609: KS049	1221	4113	10	68	1	10	195	0.10	0.10	60	0.20	3300	35.00	0.10	210	50	0.1
610: KS050	1227	4103	<5	98	1	81	390	0.20	0.10	250	0.20	3000	52.00	0.10	250	600	0.2
611: KS051	1235	4098	10	57	1	38	900	0.10	0.10	220	0.20	6100	34.00	0.10	150	360	0.2
612: KS052	1242	4091	<5	42	1	20	234	0.10	0.10	110	0.20	210	17.50	0.20	260	160	0.3
613: KS053	1248	4091	<5	7	1	1	53	0.30	0.10	12	0.20	450	22.00	0.10	400	220	1.4
614: KS055	1262	4071	<5	5	5	1	32	0.30	0.40	6	0.20	460	0.60	0.10	90	140	0.1
615: KS057	1267	4058	<5	7	1	24	88	0.10	0.10	32	0.20	190	7.60	0.10	70	50	1.0
616: KS058	1269	4096	35	11	3	12	159	0.10	0.10	60	0.20	620	14.20	0.10	30	140	1.2
617: KS060	1277	4106	400	10000	144	50	1200	13.60	10.70	8900	0.20	43000	1000.00	28.00	90	50	0.4
618: KS061	1227	4163	10	34	2	315	215	0.10	0.50	900	0.20	1900	17.00	0.10	90	50	5.7
619: KS094	S260	3617	<5	7	5	39	52	0.10	0.10	5	0.20	40	3.40	0.10	540	660	1.7
620: KS097	S257	3664	<5	63	2	5	83	0.10	0.10	9	0.20	20	2.60	0.50	450	333	1.1
621: KS101	S294	3793	<5	88	2	10000	10000	5.70	194.00	9	0.20	80	7.20	2.00	90	1680	0.6
622: KS108	S385	3316	<5	6	1	138	310	0.10	5.90	19	0.20	40	4.60	0.10	50	90	1.3
623: KS115	S034	3772	<5	9	1	28	3	0.10	0.10	4	0.20	40	0.50	37.00	280	90	2.2
624: KS116	S097	3733	<5	7	2	37	7	0.10	0.10	9	0.20	40	1.20	4.90	250	3000	2.2
625: KS131	S483	3060	<5	3	3	3	5	0.10	0.10	15	0.20	290	4.00	0.10	170	70	0.1
626: KS132	S425	3051	170	6	25	37	11	0.10	0.10	14	0.20	50	0.60	0.20	300	690	0.4
627: KS133	S405	3052	55	3	1	26	3	0.10	0.10	5	0.20	40	0.60	1.60	570	270	0.2
628: KS134	S380	3058	60	4	1	3	3	0.10	0.10	4	0.20	30	0.40	0.10	320	30	0.1
629: KS136	S370	3101	20	4	1	3	5	0.10	0.10	6	0.20	40	0.50	0.10	170	90	0.1
630: KS137	S370	3116	15	2	1	6	1	0.10	0.10	4	0.20	30	0.20	0.10	840	400	0.1
631: KS141	S271	3115	<5	5	4	17	10	0.10	0.10	19	0.20	160	1.80	0.80	150	50	0.1
632: KS147	7918	3087	<5	4	1	4	4	0.10	0.10	5	0.20	40	0.80	0.10	100	30	0.1
633: KS148	7877	3050	<5	8	3	16	4	0.10	0.10	150	0.20	390	1.40	2.80	420	360	0.1
634: KS150	7835	3088	<5	5	1	3	4	0.10	0.10	9	0.20	40	0.50	0.10	120	70	0.1
635: KS163	7793	3062	<5	49	4	211	63	0.30	0.10	29	0.20	40	4.60	2.70	80	50	0.1
636: KS164	7810	3034	<5	41	3	192	70	0.60	0.10	20	0.20	30	5.60	6.50	60	30	0.1
637: KS165	7814	7127	<5	28	1	278	33	0.40	0.10	20	0.20	50	9.20	0.70	40	30	0.1
638: KS166	7815	3021	<5	129	13	600	255	2.60	0.40	130	1.60	110	20.00	10.00	110	50	0.1
639: KS167	7813	3015	70	216	1	1800	235	1.90	0.70	150	0.20	1800	18.40	2.00	70	30	0.1
640: KS168	7818	3008	<5	64	2	1050	234	1.00	0.10	100	0.20	80	11.00	10.00	70	110	0.1
641: KS172	7840	2964	<5	11	1	64	35	0.10	0.10	24	0.20	30	2.40	7.80	250	290	0.1
642: KS173	7840	2957	<5	92	1	28	50	0.10	0.10	17	0.20	50	0.40	0.10	100	160	0.5
643: KS175	7930	2917	<5	5	1	7	3	0.10	0.10	5	0.20	30	0.50	0.10	50	310	0.4
644: KS185	S002	2974	25	700	34	10000	3200	15.40	2.40	1600	0.20	820	90.00	47.00	90	310	0.3
645: KS188	S010	2975	225	6800	41	10000	9000	100.00	8.00	630	0.40	950	65.00	200.00	140	20	0.1
646: KS187	S007	2993	<5	11	1	25	50	0.10	0.10	6	0.20	70	1.00	0.10	110	30	0.2
647: KS188	S008	3000	30	244	12	16	218	3.50	0.30	300	5.40	140	95.00	4.30	80	710	2.9
648: KS189	7999	3023	<5	3	1	4	1	0.10	0.10	4	0.20	20	1.40	0.20	40	20	0.1
649: KS191	S023	2953	<5	39	2	295	122	0.50	0.30	60	0.20	30	4.40	3.30	80	50	0.5
650: KS193	S114	2905	<5	6	1	18	4	0.10	0.10	29	0.20	720	10.20	0.10	50	200	1.0

Table 4 Chemical Analyses of Chip Samples (14)

Sample No.	X	Y	Au (ppb)	Cu (ppm)	Mo (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppm)	Cd (ppm)	As (ppm)	Se (ppm)	Hg (ppb)	Sb (ppm)	Bi (ppm)	F (ppm)	Ba (ppm)	Tl (ppm)
651: KS194	S124	2904	<5	4	1	3	2	0.10	0.10	4	0.20	50	0.60	0.10	70	2600	0.2
652: KS196	S229	2900	<5	9	1	25	40	0.10	0.10	6	0.20	30	0.60	0.10	220	90	0.1
653: KS197	S209	3026	35	8	1	18	4	0.10	0.10	7	3.00	20	1.50	1.30	50	50	0.1
654: KS199	S214	3036	<5	30	1	11	6	0.10	0.10	45	2.00	1700	1.40	3.20	60	250	0.1
655: KS200	S223	3040	<5	4	1	11	1	0.10	0.10	5	0.20	50	0.80	0.20	200	30	0.1
656: KS201	S230	3043	45	3	1	7	4	0.10	0.10	6	0.20	70	1.60	0.30	60	60	0.1
657: KS202	S239	3044	<5	7	1	43	3	0.10	0.10	25	0.20	60	1.60	0.40	50	50	0.5
658: KS203	S251	3047	15	13	1	10	4	0.10	0.10	25	0.40	230	1.00	0.40	140	70	0.2
659: KS204	S266	3047	5	14	1	800	4	0.10	0.10	180	0.20	70	4.40	1.30	70	550	0.3
660: KS205	S271	3038	145	3	2	68	3	2.20	0.10	9	0.40	40	2.40	5.00	60	90	0.2
661: KS206	S284	3030	<5	6	1	28	4	0.10	0.10	12	0.20	20	1.40	1.10	420	110	0.2
662: KS209	S518	3004	10	38	1	13	5	0.10	0.10	32	0.20	20	0.80	0.40	360	110	1.9
663: KS210	S318	3004	130	28	1	67	6	1.00	0.10	32	6.00	430	1.40	24.00	350	200	0.1
664: KS211	S316	2997	35	7	1	54	35	0.10	0.10	80	0.20	40	2.60	0.10	750	250	0.1
665: KS212	S319	2990	15	3	1	38	9	0.10	0.10	15	0.20	50	0.60	0.10	400	160	0.7
666: KS213	S345	2971	35	5	1	1	4	0.10	0.10	5	0.20	20	0.20	0.20	160	40	0.1
667: KS214	S336	2998	25	3	1	6	4	0.10	0.10	9	0.20	20	1.00	0.20	210	30	0.1
668: KS215	S318	3020	40	36	16	128	41	0.20	0.10	7	0.20	50	0.60	1.90	100	30	0.1
669: KS216	S313	3035	15	3	1	21	2	0.20	0.10	5	0.20	20	0.10	0.30	40	30	0.1
670: KS217	S307	3054	70	25	7	120	24	0.10	0.10	50	0.40	20	0.50	8.00	110	990	0.3
671: KS218	S279	3069	50	7	3	22	6	0.10	0.10	11	0.20	20	0.20	0.50	120	50	0.1
672: KS222	S063	4517	<5	2	1	3	2	0.10	0.10	36	0.20	10	9.00	0.20	50	90	0.6
673: KS225	S080	4406	10	9	1	8	7	0.10	0.10	10	4.00	50	1.40	0.40	60	50	0.1
674: KS227	S094	4372	<5	5	1	440	28	0.10	0.20	210	0.20	40	26.00	0.10	40	110	0.7
675: KS228	S098	4356	25	8	1	34	8	1.90	0.10	30	0.20	1500	8.00	6.30	630	140	0.1
676: KS229	S091	4341	<5	31	1	125	126	0.70	0.10	410	1.00	60	18.00	0.50	160	1550	0.1
677: KS233	S077	4173	<5	4	1	8	4	0.10	0.10	12	1.00	30	0.20	0.50	260	1320	1.2
678: KS237	S939	4305	<5	4	1	141	8	0.10	0.10	19	0.80	20	2.20	1.50	220	770	0.1
679: KS238	S971	4366	<5	2	1	41	12	0.10	0.10	7	0.40	20	0.60	0.50	260	660	0.1
680: KS242	S519	4187	<5	52	2	1300	60	5.80	2.20	1400	4.00	510	37.00	6.50	60	1280	0.7
681: KS245	S473	4242	<5	6	1	38	24	1.30	0.10	6	0.20	460	1.40	0.40	60	50	0.1
682: KS246	S564	4300	<5	3	1	4	134	0.10	0.10	4	0.20	40	0.40	0.10	150	660	1.2
683: KS248	S603	4470	<5	3	1	20	3	0.10	0.10	4	0.20	30	1.00	0.30	130	40	0.2
684: KS249	S640	4461	<5	3	3	10	5	0.10	0.10	10	0.20	20	1.20	0.20	80	80	0.1
685: MH001	S162	1108	<5	3	1	16	40	0.10	0.10	6	1.00	30	0.20	3.10	120	440	1.7
686: MH008	S330	1330	<5	10	1	28	124	0.10	0.10	15	0.20	20	1.20	0.70	130	250	0.6
687: MH009	S222	1452	<5	3	1	6	9	0.10	0.10	19	0.20	40	0.80	0.20	470	3000	1.2
688: MH010	S150	1450	<5	1	1	214	64	0.10	0.20	200	0.20	2400	3.00	0.60	900	2000	2.6
689: MH011	S150	1450	<5	2	1	96	8	0.10	0.10	10	0.20	70	0.60	0.60	320	900	1.9
690: HT016	S648	2376	<5	18	1	120	33	0.30	0.10	32	2.00	50	5.60	0.70	930	730	0.1
691: HT021	S720	2323	<5	7	2	2	28	0.10	0.10	22	0.20	40	1.00	0.20	120	660	0.1
692: HT023	S734	2342	<5	8	1	20	8	0.10	0.10	19	0.20	30	2.00	1.00	150	330	1.2
693: HT024	S752	2320	<5	11	1	10	3	0.50	0.10	90	0.40	520	19.40	26.00	60	200	0.3
694: HT031	S052	2505	<5	35	1	4	7	0.10	0.10	60	0.40	100	0.50	0.10	350	750	0.4
695: NY023	S683	4871	<5	5	1	17	9	0.10	0.10	5	0.20	150	0.60	0.10	60	50	0.1
696: NY025	S657	4826	<5	17	1	62	33	0.10	0.10	22	0.20	50	2.80	0.10	130	50	0.1
697: NY026	S657	4812	<5	3	1	3	27	0.10	0.10	4	0.20	30	0.20	0.10	130	910	0.3
698: NY029	S631	4768	<5	2	1	1	5	0.10	0.10	3	0.20	30	0.10	0.10	60	30	0.1
699: NY032	S363	4301	1000	730	500	10000	150	100.00	68.00	2500	0.20	31000	1000.00	0.10	160	2900	1.3
700: NY033	S385	4298	100	19	59	182	69	1.50	0.50	15	0.20	600	40.00	0.10	240	470	0.3