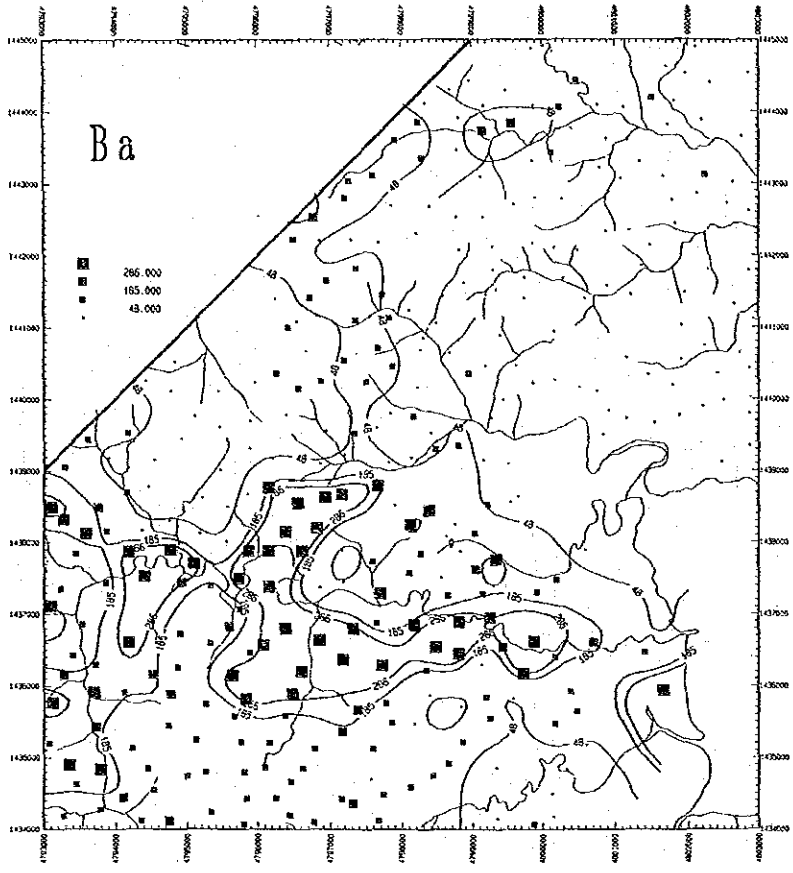
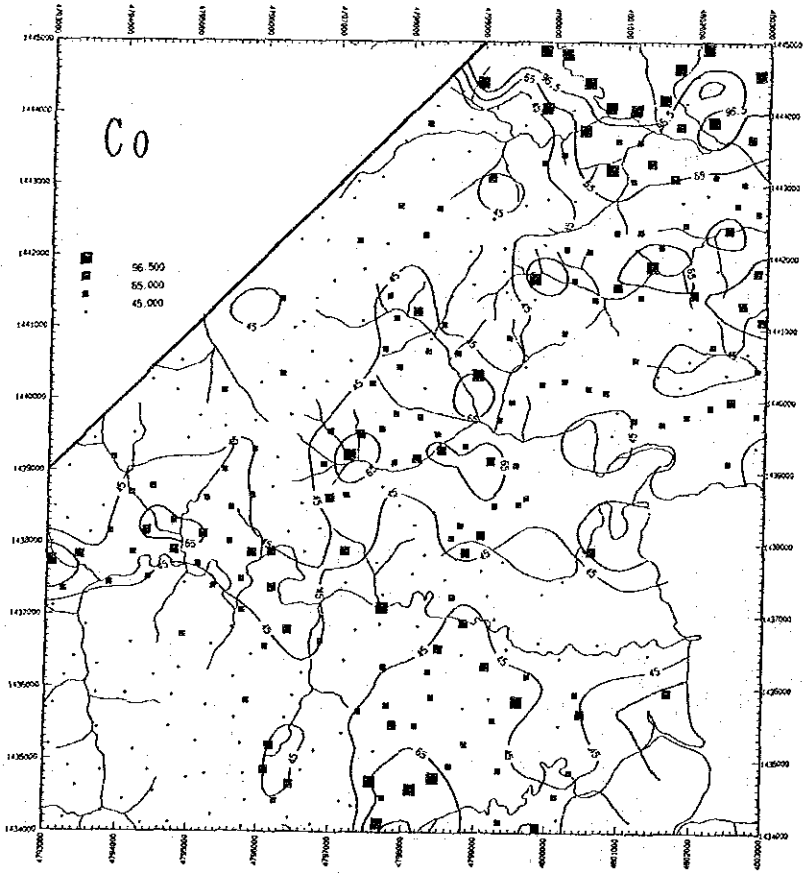
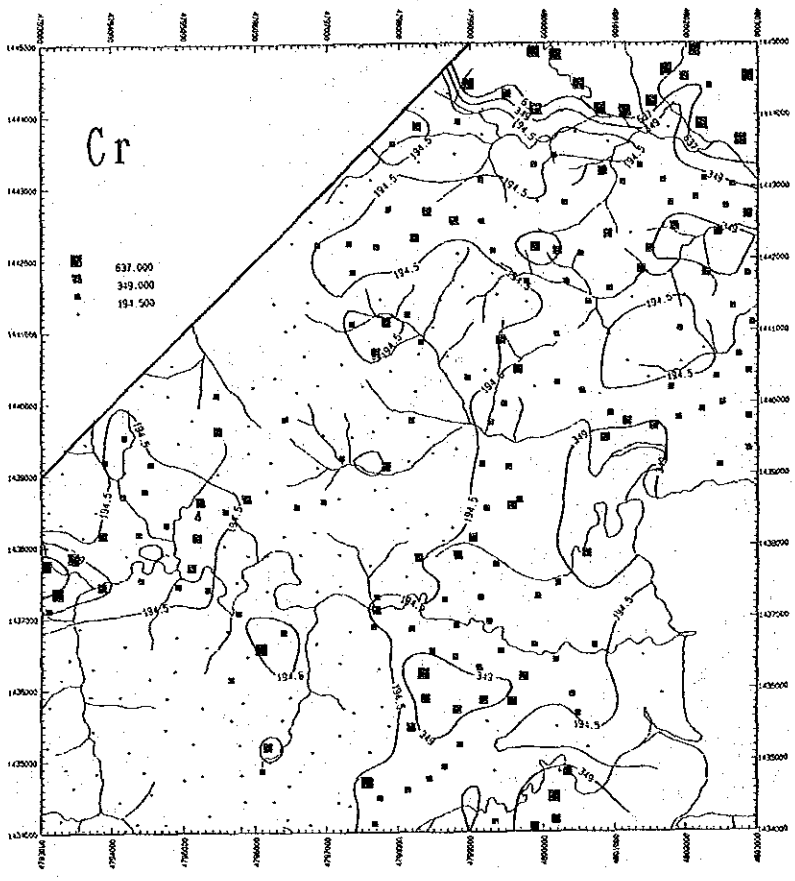
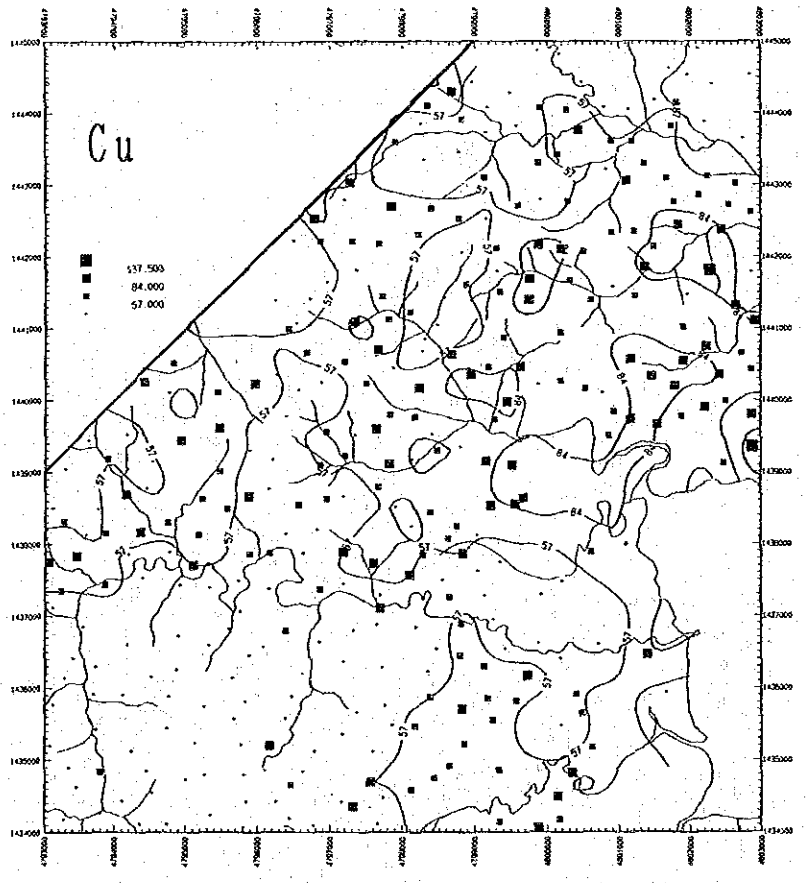
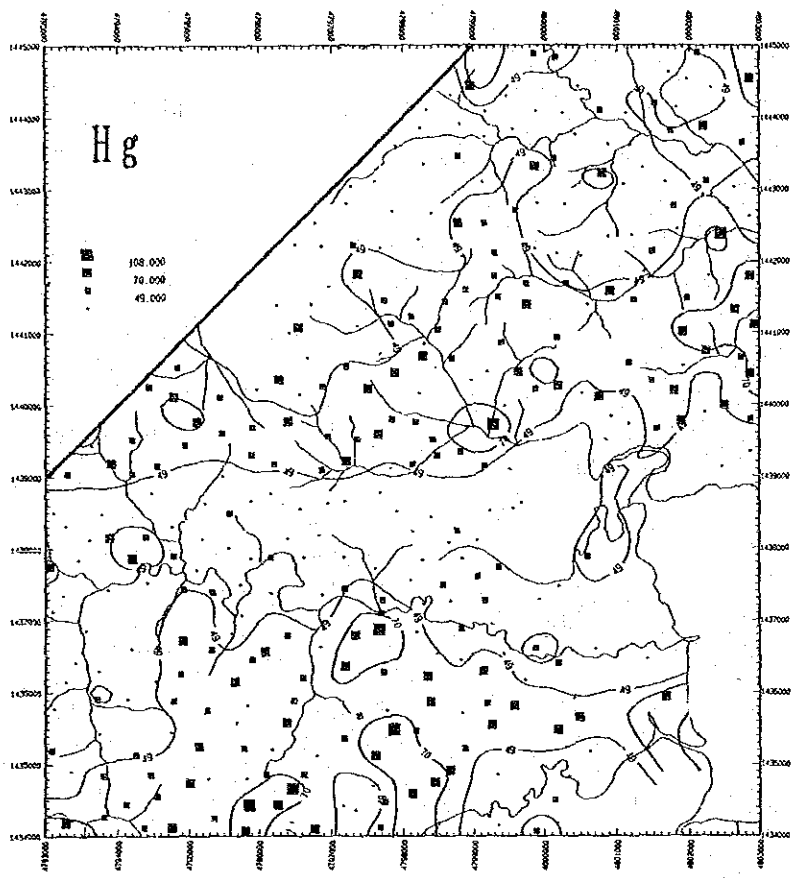
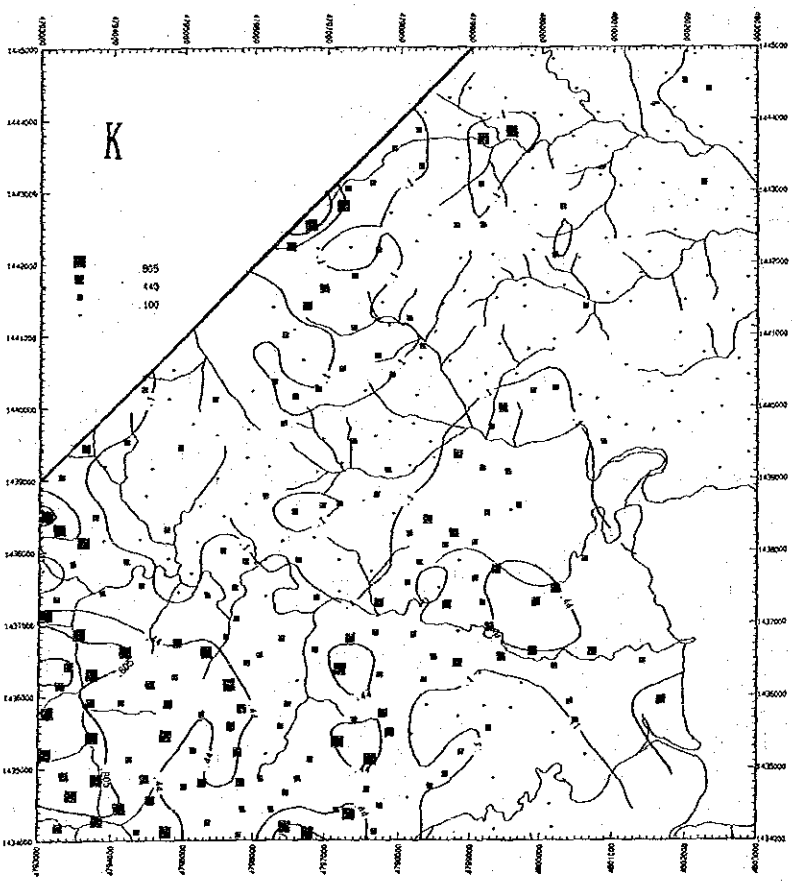

Ba
286.000
185.000
48.000

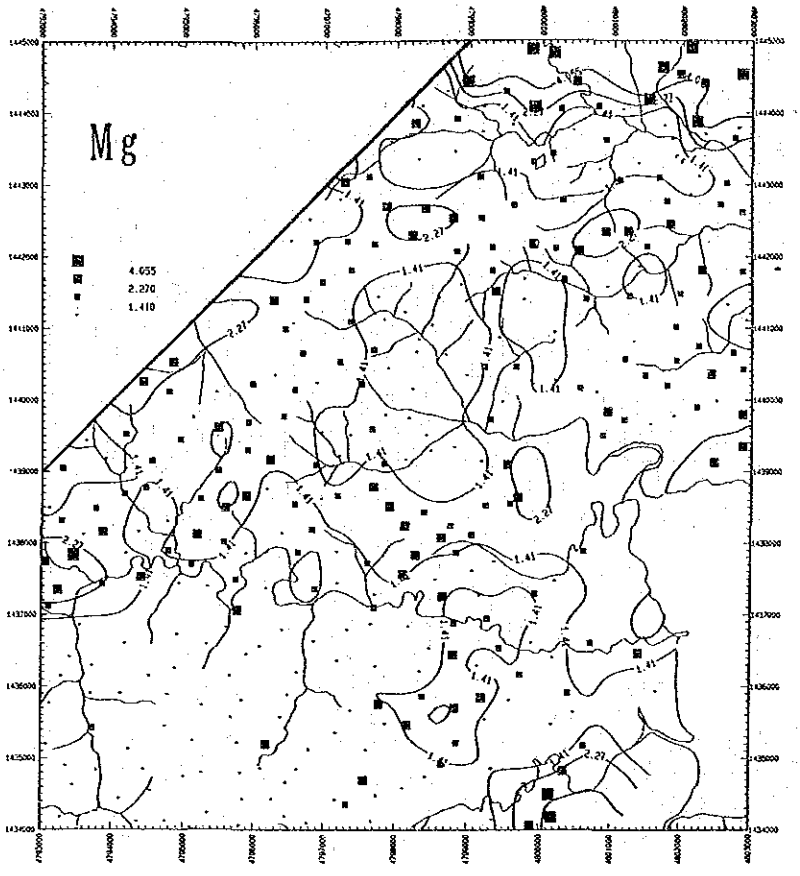

Co
96.500
65.000
45.000

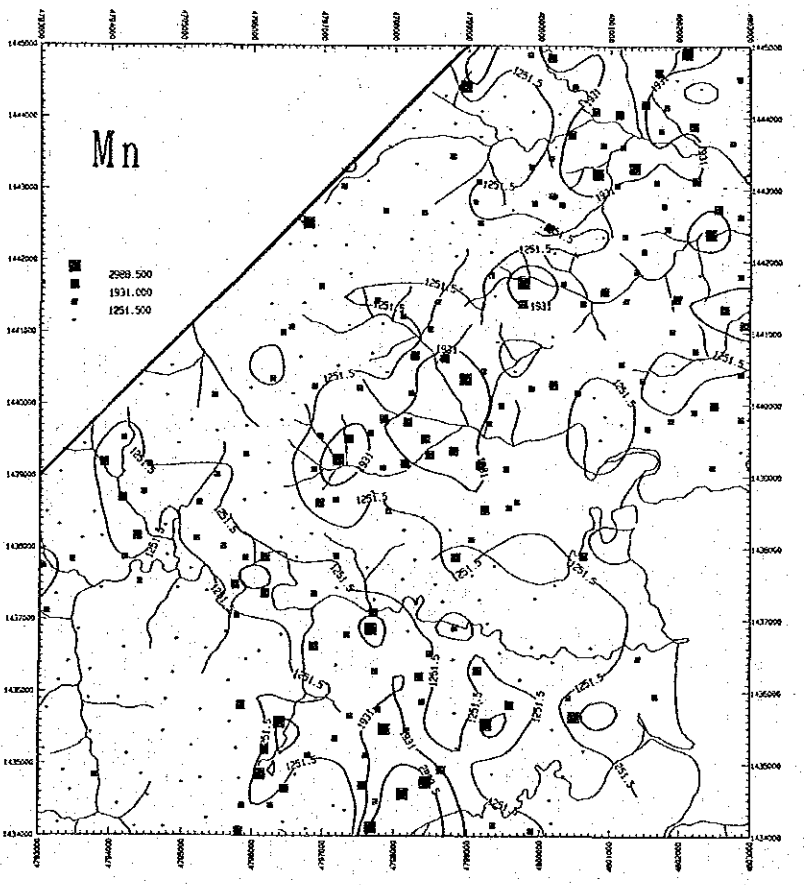

Cr
637.000
349.000
194.500

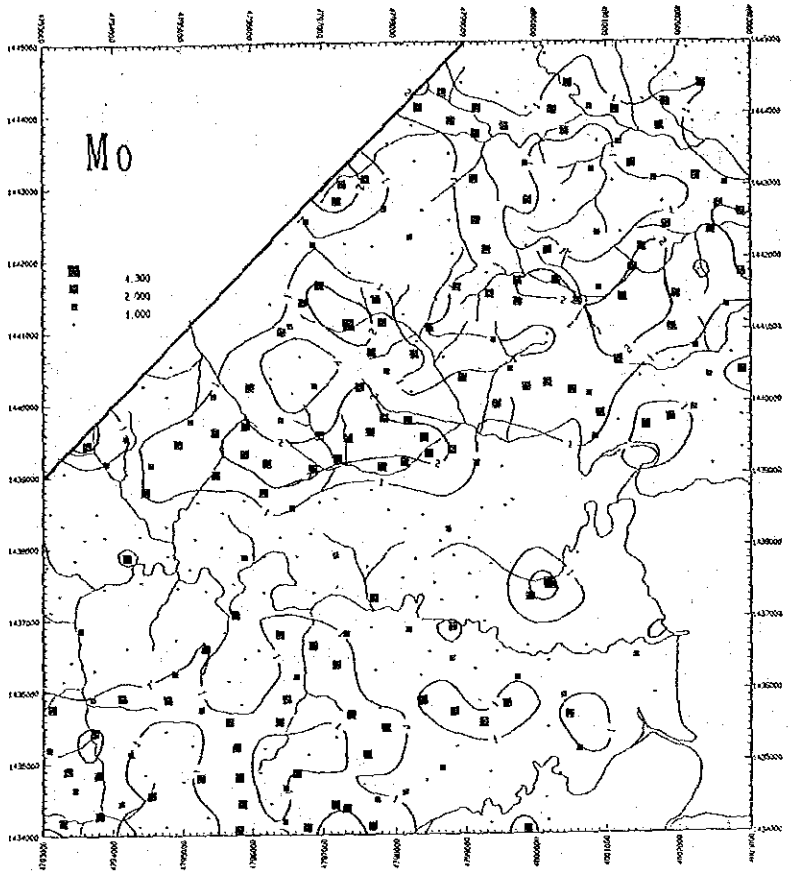

Cu
537.500
84.000
57.000

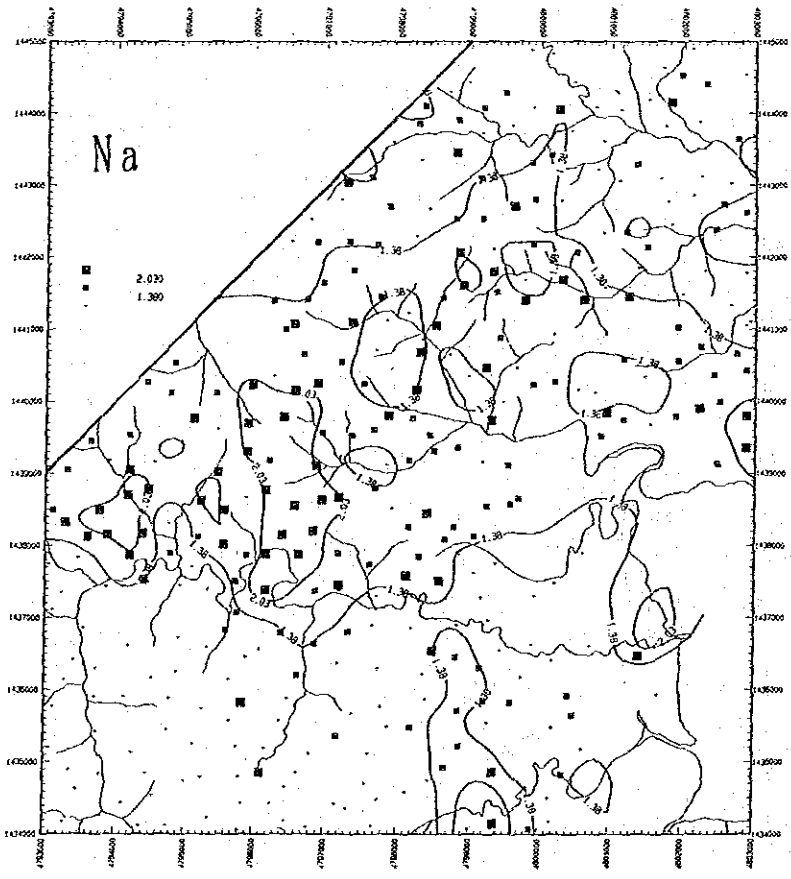

Hg
108.000
78.000
49.000

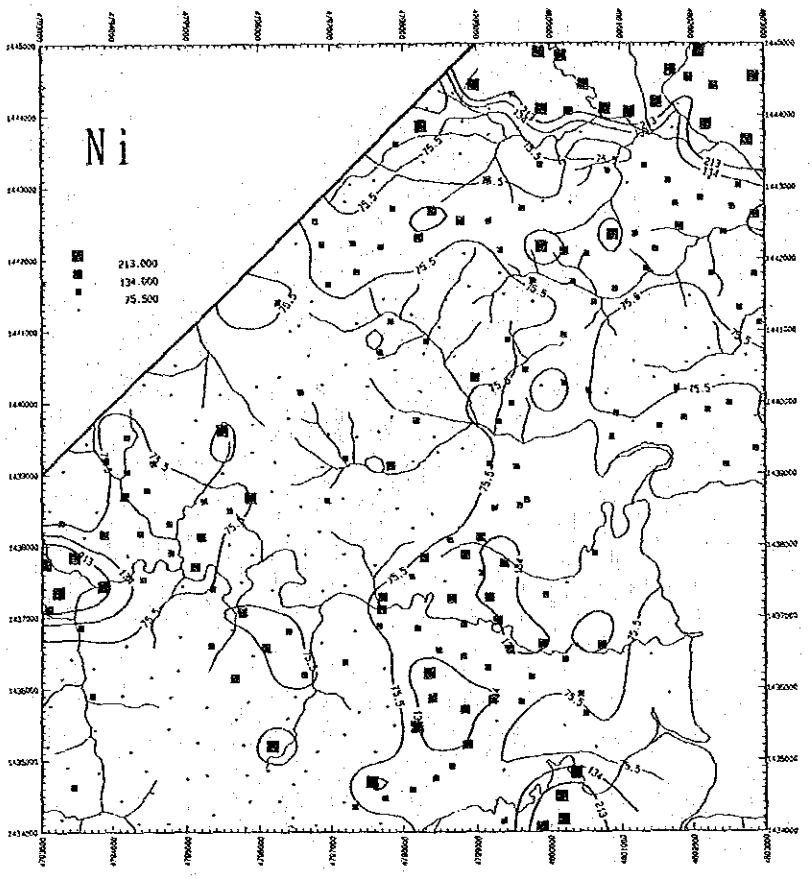

K
805
449
.100

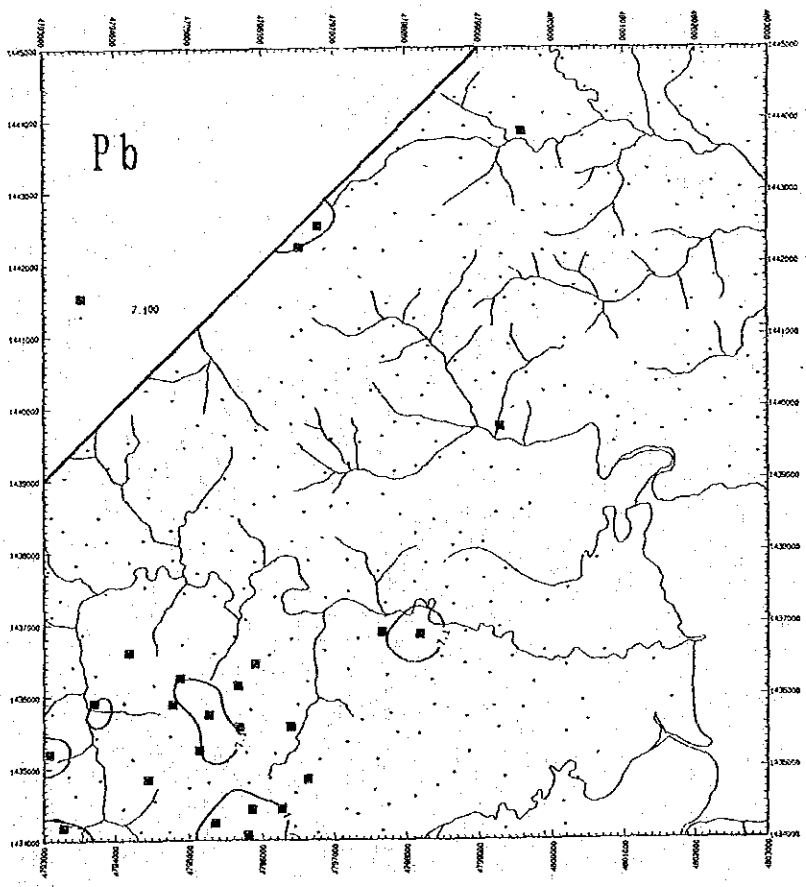

Mg
4.055
2.270
1.410

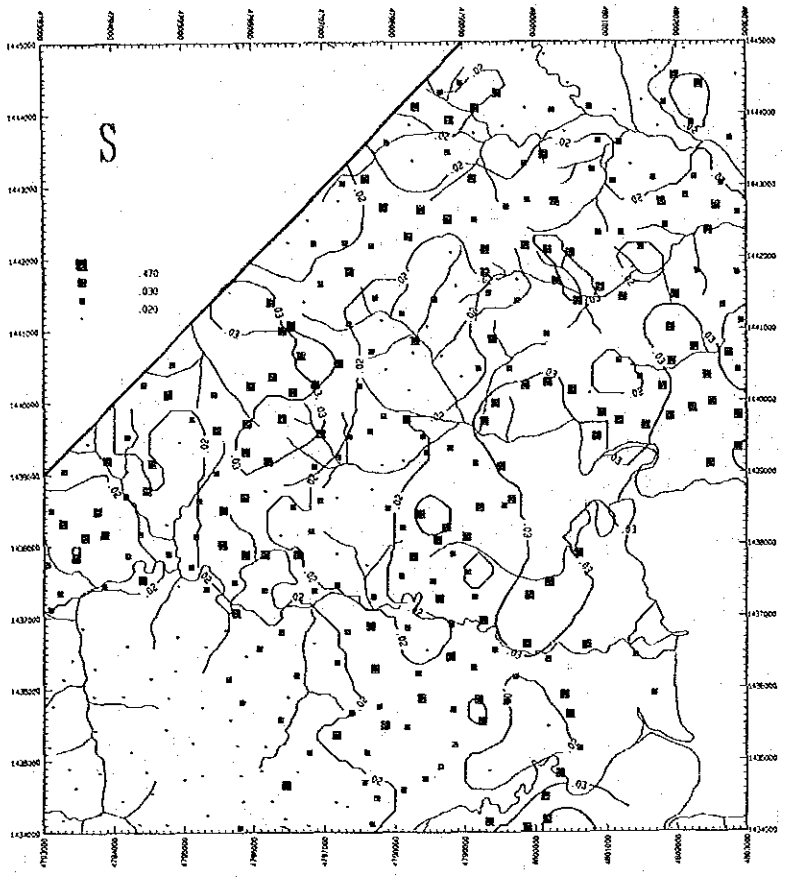

Mn
2988.500
1931.000
1251.500

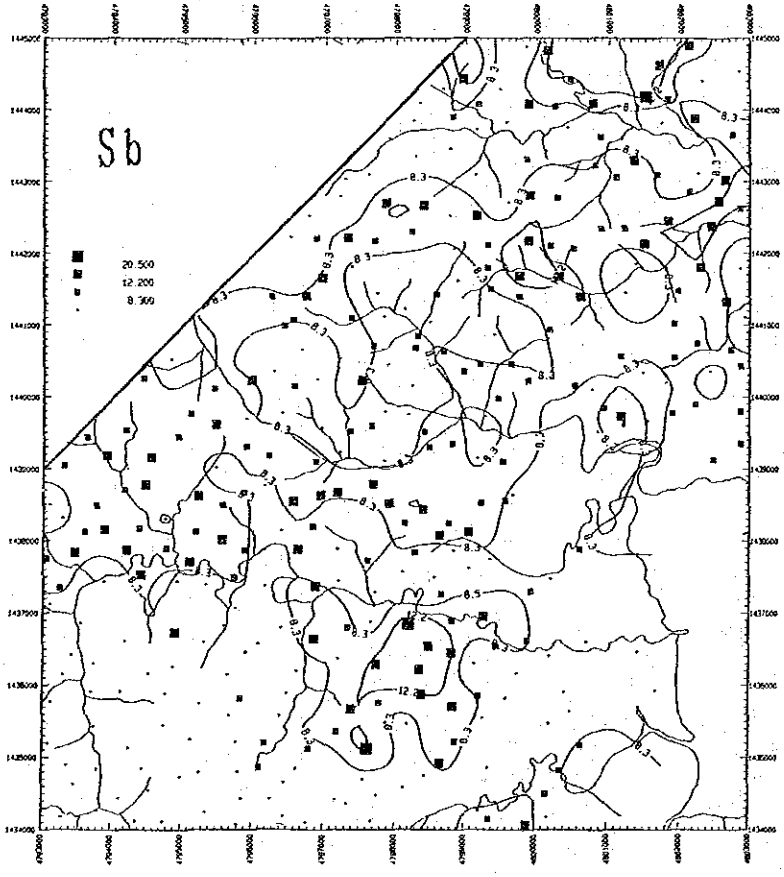

Mo
4.300
2.000
1.000

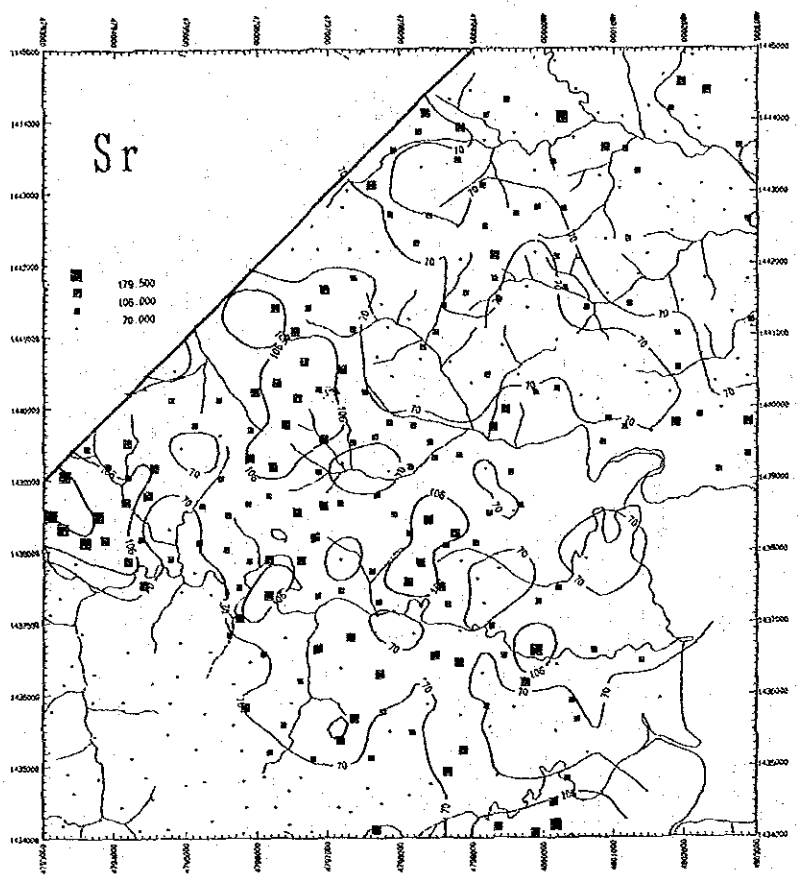

Na
2.030
1.300

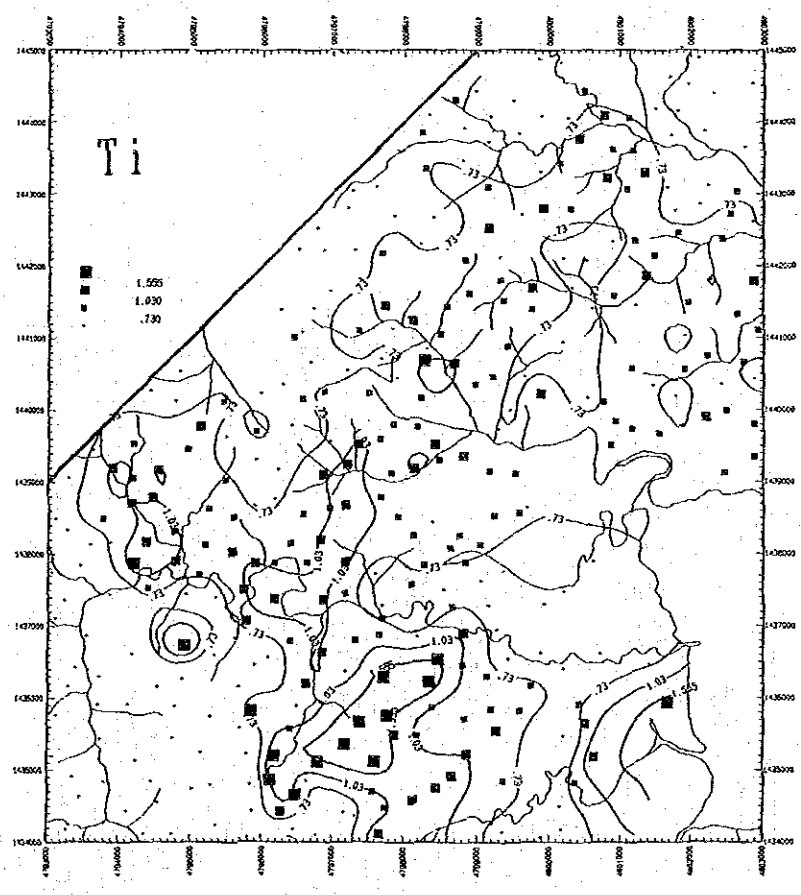

Ni
213.000
134.000
75.500

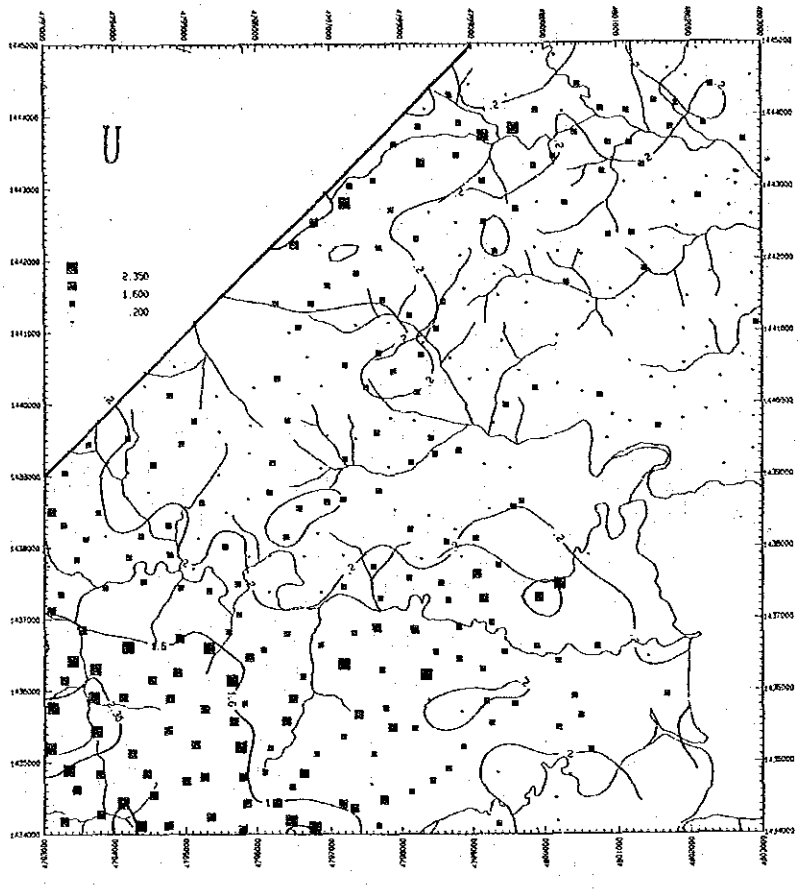

Pb
7.100

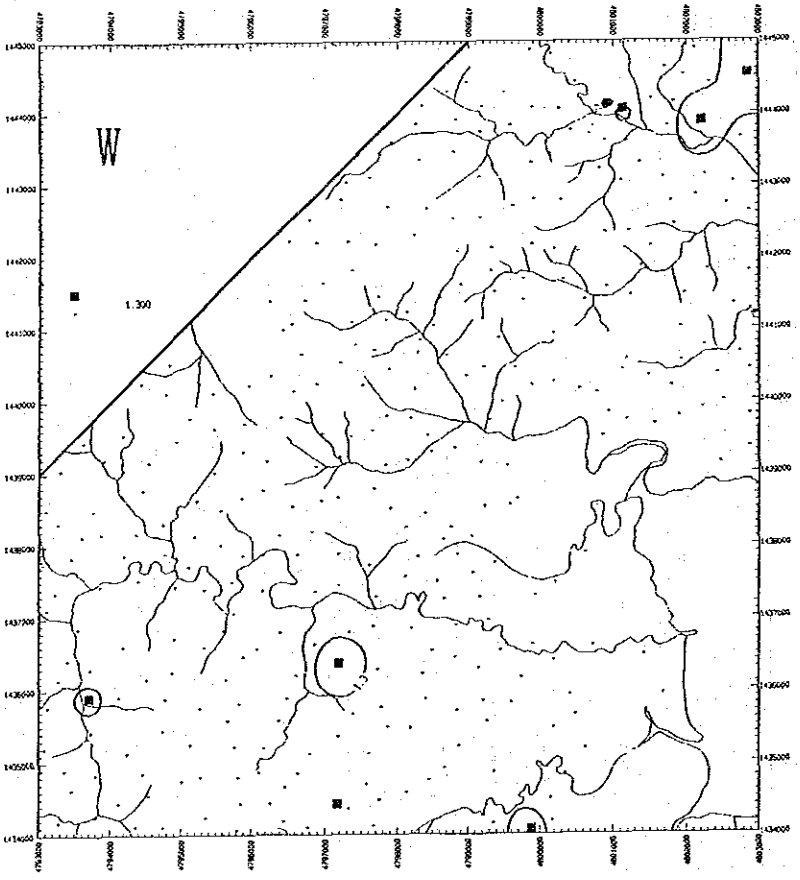

S
.470
.030
.020

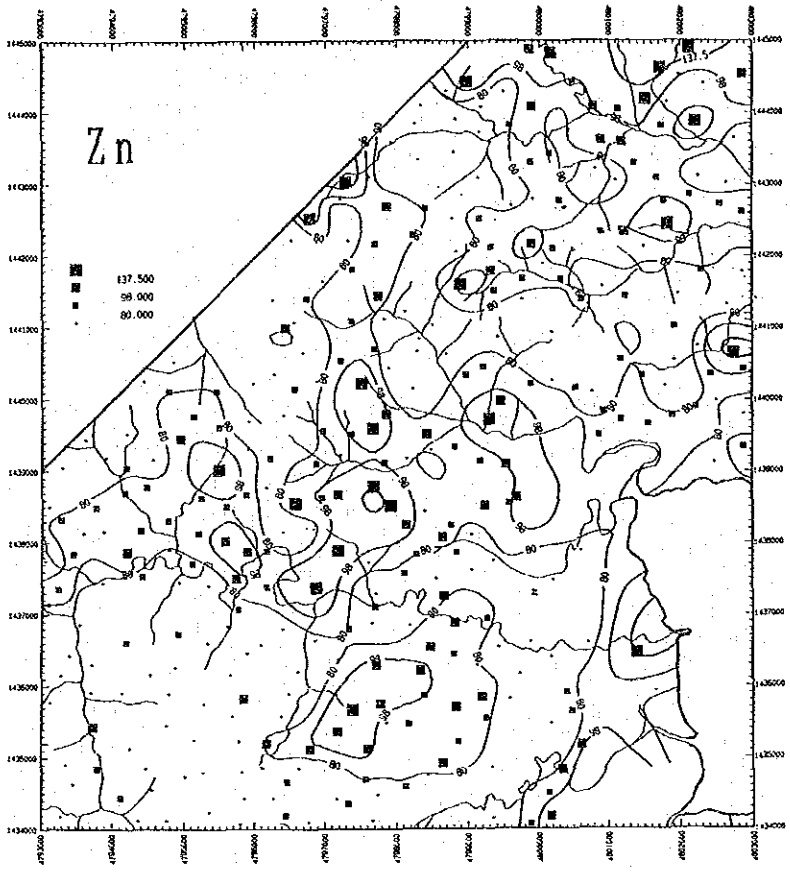

Sb
20.500
12.200
8.369


Sr
179.500
105.000
70.000


Ti
1.555
1.030
.730


U
2.350
1.600
.200


W
1.390


Zn
137.500
99.000
80.000

Appendix 20

List of soil geochemical sampls
in Area B

Area: Sungai Danum Area (Area B)

Ser. No.	Sample No.	Coordinates N	Coordinates E	1/50,000 Topo. Sheet	Rock of Basement	Geol. Unit	Depth (cm)	Color	G. *1	S. *2	T. *3	H. *4	Vegitation
1	GB001	1451.92	4735.15	Sungai Malua	—	P_4Km	20	B.	R	C	M	W	Secondary forest
2	GB002	1452.57	4734.88	Sungai Malua	sandstone	P_4Km	20	L.B.	R	C	F	W	Secondary forest
3	GB003	1452.51	4735.79	Sungai Malua	—	P_4Km	30	B.	R	C	M	W	Secondary forest
4	GB004	1451.90	4735.95	Sungai Malua	—	P_4Km	30	L.B.	R	C	F	W	Secondary forest
5	GB005	1451.32	4736.02	Ulu Segama	—	P_4Km	20	L.B.	R	C	M	W	Secondary forest
6	GB006	1451.15	4736.43	Ulu Segama	—	P_4Km	20	B.	R	C	F	W	Secondary forest
7	GB007	1450.70	4736.45	Ulu Segama	—	Csba	20	B.	R	C	M	W	Secondary forest
8	GB008	1450.64	4735.89	Ulu Segama	—	Csba	30	B.	R	C	M	W	Secondary forest
9	GB009	1450.13	4735.89	Ulu Segama	—	Csba	30	R.B.	R	C	M	W	Secondary forest
10	GB010	1449.91	4735.25	Ulu Segama	—	Csba	30	B.	R	C	M	W	Secondary forest
11	GB011	1449.70	4735.55	Ulu Segama	—	Csba	30	B.	R	C	M	W	Secondary forest
12	GB012	1449.54	4734.83	Ulu Segama	basalt	Csba	30	B.	M	S	S	W	Secondary forest
13	GB013	1449.20	4734.87	Ulu Segama	basalt	Csba	20	B.	F	C	S	W	Secondary forest
14	GB014	1448.76	4734.96	Ulu Segama	basalt	Csba	30	B.	M	C	S	W	Secondary forest
15	GB015	1448.48	4734.68	Ulu Segama	basalt	Csba	30	B.	F	C	S	W	Secondary forest
16	GB016	1448.22	4735.04	Ulu Segama	basalt	Csba	30	B.	F	S	S	W	Secondary forest
17	GB017	1447.85	4734.87	Ulu Segama	basalt	Csba	30	B.	F	S	S	W	Secondary forest
18	GB018	1447.74	4735.28	Ulu Segama	—	Pr	30	B.	F	C	S	W	Secondary forest
19	GB019	1447.40	4735.00	Ulu Segama	—	Gb	30	L.B.	F	S	S	D	Secondary forest
20	GB020	1447.05	4735.59	Ulu Segama	—	Gb	20	B.	M	S	S	D	Secondary forest
21	GB021	1446.67	4735.53	Ulu Segama	—	Gb	30	B.	M	S	S	D	Secondary forest
22	GB022	1452.75	4737.05	Sungai Malua	basalt	Csba	20	B.	R	C	S	W	Secondary forest
23	GB023	1452.44	4737.11	Sungai Malua	basalt	Csba	20	B.	R	C	S	W	Secondary forest
24	GB024	1452.63	4737.53	Sungai Malua	—	P_4Km	20	B.	R	C	S	W	Secondary forest
25	GB025	1452.41	4737.92	Sungai Malua	—	Csba	20	B.	R	C	M	W	Secondary forest
26	GB026	1452.64	4738.28	Sungai Malua	—	Csba	20	B.	R	C	M	W	Secondary forest
27	GB027	1451.91	4738.41	Sungai Malua	basalt	Csba	20	B.	R	C	S	W	Secondary forest
28	GB028	1451.83	4737.95	Ulu Segama	—	Csba	30	L.B.	R	C	S	W	Secondary forest
29	GB029	1451.41	4738.01	Ulu Segama	—	Csba	20	B.	R	C	S	W	Secondary forest
30	GB030	1451.22	4737.54	Ulu Segama	—	Csba	20	B.	R	C	S	W	Secondary forest

*1Gravel: Many (M), Few (F), Rare or none (R)
*2Grain size: Sandy (S), Clayey (C)
*3Topography: Steep (S), Moderate (M), Flat (F)
*4Humidity: Dry (D), Wet (W)

Area: Sungai Danum Area (Area B)

Ser. No.	Sample No.	Coordinates N	Coordinates E	1/50,000 Topo. Sheet	Rock of Basement	Geol. Unit	Depth (cm)	Color	G. *1	S. *2	T. *3	H. *4	Vegitation
31	GB031	1450.88	4737.34	Ulu Segama	basalt	Csba	30	B.	R	C	S	W	Secondary forest
32	GB032	1450.63	4737.09	Ulu Segama	basalt	Csba	20	B.	R	C	S	W	Secondary forest
33	GB033	1450.15	4737.11	Ulu Segama	basalt	Csba	20	B.	R	C	S	W	Secondary forest
34	GB034	1449.79	4736.78	Ulu Segama	—	Csba	30	B.	R	C	S	W	Secondary forest
35	GB035	1450.84	4737.77	Ulu Segama	—	Csba	20	B.	R	C	S	W	Secondary forest
36	GB036	1450.31	4737.90	Ulu Segama	—	Gb	30	B.	R	C	S	W	Secondary forest
37	GB037	1450.00	4737.78	Ulu Segama	—	Gb	30	B.	R	C	M	W	Secondary forest
38	GB038	1449.86	4737.45	Ulu Segama	basalt	Csba	30	D.B.	R	C	S	W	Secondary forest
39	GB039	1449.55	4737.23	Ulu Segama	—	Csba	30	D.B.	R	C	M	W	Secondary forest
40	GB040	1449.53	4737.72	Ulu Segama	—	Csba	30	D.B.	R	C	M	W	Secondary forest
41	GB041	1448.93	4737.49	Ulu Segama	—	Gb	30	D.B.	R	C	M	W	Secondary forest
42	GB042	1448.87	4736.93	Ulu Segama	—	Csba	30	D.B.	R	S	S	W	Secondary forest
43	GB043	1448.40	4736.85	Ulu Segama	—	Pr	20	B.	R	C	S	W	Secondary forest
44	GB044	1448.60	4736.51	Ulu Segama	—	Pr	10	B.	R	C	S	W	Secondary forest
45	GB045	1450.13	4738.40	Ulu Segama	—	Gb	20	B.	R	C	F	D	Secondary forest
46	GB046	1452.42	4738.71	Sungai Malua	—	Csba	20	B.	R	C	F	W	Secondary forest
47	GB047	1452.62	4739.35	Sungai Malua	basaltic bre.	Csba	20	B.	R	C	M	W	Secondary forest
48	GB048	1452.14	4739.45	Sungai Malua	chert	Csch	10	B.	R	S	S	W	Secondary forest
49	GB049	1451.90	4739.10	Sungai Malua	—	Csba	10	B.	R	S	S	W	Secondary forest
50	GB050	1451.43	4739.23	Ulu Segama	—	Gb	10	D.B.	R	S	S	W	Secondary forest
51	GB051	1451.41	4739.76	Ulu Segama	—	Gb	20	B.	R	C	S	W	Secondary forest
52	GB052	1451.52	4740.16	Ulu Segama	—	Gb	20	B.	R	C	M	W	Secondary forest
53	GB053	1451.60	4740.53	Ulu Segama	—	Pr	20	B.	R	C	M	W	Secondary forest
54	GB054	1452.00	4740.27	Sungai Malua	—	Csba	20	B.	R	C	M	W	Secondary forest
55	GB055	1451.19	4739.38	Ulu Segama	—	Gb	20	B.	R	C	S	W	Secondary forest
56	GB056	1450.92	4739.78	Ulu Segama	—	Gb	20	B.	R	C	S	W	Secondary forest
57	GB057	1450.61	4739.55	Ulu Segama	—	Gb	20	B.	M	S	S	W	Secondary forest
58	GB058	1450.08	4739.34	Ulu Segama	dolerite	Do	30	R.B.	R	C	S	W	Secondary forest
59	GB059	1450.43	4739.04	Ulu Segama	—	Gb	20	B.	R	C	S	W	Secondary forest
60	GB060	1450.25	4738.69	Ulu Segama	—	Gb	25	B.	R	C	S	W	Secondary forest

*1Gravel: Many (M), Few (F), Rare or none (R)
*2Grain size: Sandy (S), Clayey (C)
*3Topography: Steep (S), Moderate (M), Flat (F)
*4Humidity: Dry (D), Wet (W)

Area: Sungai Danum Area (Area B)

Ser. No.	Sample No.	Coordinates N	Coordinates E	1/50,000 Topo. Sheet	Rock of Basement	Geol. Unit	Depth (cm)	Color	G. *1	S. *2	T. *3	H. *4	Vegitation
61	GB061	1449.70	4739.38	Ulu Segama	dolerite	Do	25	Y.B.	R	C	S	W	Secondary forest
62	GB062	1449.47	4739.77	Ulu Segama	dolerite	Do	20	B.	F	C	S	W	Secondary forest
63	GB063	1449.27	4739.33	Ulu Segama	dolerite	Do	20	B.	F	C	S	W	Secondary forest
64	GB064	1450.46	4739.88	Ulu Segama	—	Gb	30	G.B.	R	C	S	W	Secondary forest
65	GB065	1450.15	4740.20	Ulu Segama	—	Do	20	B.	F	C	S	W	Secondary forest
66	GB066	1450.47	4740.24	Ulu Segama	dolerite	Do	30	B.	R	C	S	W	Secondary forest
67	GB067	1450.81	4740.19	Ulu Segama	dolerite	Do	30	Y.B.	R	C	S	W	Secondary forest
68	GB068	1450.69	4740.71	Ulu Segama	—	Do	30	B.	R	C	S	W	Secondary forest
69	GB069	1451.11	4740.65	Ulu Segama	—	Do	30	B.	F	C	S	W	Secondary forest
70	GB070	1450.80	4741.09	Ulu Segama	—	Do	30	B.	F	C	S	W	Secondary forest
71	GB071	1450.40	4741.19	Ulu Segama	dolerite	Do	30	B.	R	C	M	W	Secondary forest
72	GB072	1450.23	4740.85	Ulu Segama	dolerite	Do	30	B.	R	C	S	W	Secondary forest
73	GB073	1449.96	4740.98	Ulu Segama	dolerite	Do	30	B.	R	C	S	W	Secondary forest
74	GB074	1449.60	4741.31	Ulu Segama	—	Do	30	L.B.	R	C	M	W	Secondary forest
75	GB075	1449.55	4740.95	Ulu Segama	—	Do	30	B.	R	C	M	W	Secondary forest
76	GB076	1449.56	4740.45	Ulu Segama	—	Do	30	B.	R	C	M	W	Secondary forest
77	GB077	1449.35	4740.72	Ulu Segama	dolerite	Do	30	B.	R	C	M	W	Secondary forest
78	GB078	1449.17	4740.30	Ulu Segama	dolerite	Do	30	B.	R	C	M	W	Secondary forest
79	GB079	1448.78	4740.59	Ulu Segama	dolerite	Do	30	B.	R	C	M	W	Secondary forest
80	GB080	1448.78	4740.09	Ulu Segama	—	Do	30	B.	R	C	F	W	Secondary forest
81	GB081	1448.96	4739.68	Ulu Segama	—	Do	30	B.	R	C	F	W	Secondary forest
82	GB082	1448.59	4739.43	Ulu Segama	—	Do	30	B.	R	C	M	W	Secondary forest
83	GB083	1448.31	4739.82	Ulu Segama	—	Do	30	B.	R	C	M	W	Secondary forest
84	GB084	1448.11	4739.55	Ulu Segama	—	Do	30	B.	R	C	M	W	Secondary forest
85	GB085	1448.26	4740.45	Ulu Segama	basalt	Do	10	D.B.	F	C	M	D	Primary forest
86	GB086	1447.86	4740.75	Ulu Segama	gabbro	Gb	40	G.B.	M	S	S	D	Secondary forest
87	GB087	1447.42	4740.92	Ulu Segama	gabbro	Gb	15	L.B.	F	S	S	D	Primary forest
88	GB088	1446.83	4740.98	Ulu Segama	gabbro	Gb	15	D.B.	M	S	S	W	Secondary forest
89	GB089	1446.58	4740.73	Ulu Segama	gabbro	Gb	20	D.B.	M	S	M	W	Secondary forest
90	GB090	1446.45	4741.25	Ulu Segama	—	Gb	25	D.B.	M	C	M	W	Secondary forest

*1Gravel: Many (M), Few (F), Rare or none (R)
*2Grain size: Sandy (S), Clayey (C)
*3Topography: Steep (S), Moderate (M), Flat (F)
*4Humidity: Dry (D), Wet (W)

Area: Sungai Danum Area (Area B)

Ser. No.	Sample No.	Coordinates N	Coordinates E	1/50,000 Topo. Sheet	Rock of Basement	Geol. Unit	Depth (cm)	Color	G. *1	S. *2	T. *3	H. *4	Vegitation
91	GB091	1446.05	4741.09	Ulu Segama	sandstone	P_4Km	20	D.B.	F	C	M	W	Secondary forest
92	GB092	1444.98	4741.28	Ulu Segama	shale	P_4Km	20	B.	R	S	M	W	Secondary forest
93	GB093	1445.19	4740.90	Ulu Segama	shale	P_4Km	20	D.B.	R	S	F	W	Secondary forest
94	GB094	1444.88	4740.20	Ulu Segama	shale	P_4Km	25	Y.B.	F	C	F	W	Secondary forest
95	GB095	1444.44	4740.09	Ulu Segama	shale	P_4Km	20	L.B.	R	C	F	W	Secondary forest
96	GB096	1443.82	4739.78	Ulu Segama	sandstone	P_4Km	20	Y.B.	F	C	F	W	Secondary forest
97	GB097	1443.42	4739.55	Ulu Segama	sandstone	P_4Km	20	Y.B.	F	C	F	W	Secondary forest
98	GB098	1445.41	4740.39	Ulu Segama	sandstone	P_4Km	15	D.B.	R	S	F	W	Secondary forest
99	GB099	1445.81	4740.30	Ulu Segama	sandstone	P_4Km	10	B.	F	C	F	W	Secondary forest
100	GB100	1446.28	4740.36	Ulu Segama	gabbro	Gb	15	B.	F	C	M	W	Secondary forest
101	GB101	1446.41	4739.95	Ulu Segama	gabbro	Gb	20	B.	F	C	M	W	Secondary forest
102	GB102	1446.60	4739.78	Ulu Segama	gabbro	Gb	15	B.	M	C	S	W	Secondary forest
103	GB103	1446.91	4740.10	Ulu Segama	gabbro	Gb	10	D.B.	M	C	S	W	Secondary forest
104	GB104	1447.33	4739.84	Ulu Segama	basalt	Do	10	D.B.	F	S	S	D	Primary forest
105	GB105	1445.16	4739.95	Ulu Segama	sandstone	P_4Km	15	B.	R	C	F	W	Secondary forest
106	GB106	1445.64	4739.57	Ulu Segama	sandstone	P_4Km	15	B.	R	S	F	W	Secondary forest
107	GB107	1446.24	4739.45	Ulu Segama	—	P_4Km	15	D.B.	M	S	M	W	Secondary forest
108	GB108	1446.00	4739.05	Ulu Segama	—	P_4Km	10	G.B.	F	C	M	W	Secondary forest
109	GB109	1446.50	4739.08	Ulu Segama	basalt/gabbro	Do	15	D.B.	M	S	S	D	Secondary forest
110	GB110	1447.03	4738.92	Ulu Segama	basalt	Do	15	D.B.	M	C	S	W	Secondary forest
111	GB111	1445.55	4739.22	Ulu Segama	shale	P_4Km	15	B.G.	R	C	F	W	Secondary forest
112	GB112	1445.21	4739.23	Ulu Segama	shale	P_4Km	15	D.B.	R	S	F	W	Secondary forest
113	GB113	1445.34	4738.87	Ulu Segama	sandstone	P_4Km	10	B.	F	C	F	W	Secondary forest
114	GB114	1444.86	4738.76	Ulu Segama	sandstone	P_4Km	15	B.G.	R	C	F	W	Secondary forest
115	GB115	1445.33	4738.39	Ulu Segama	s.s./shale	P_4Km	15	B.	R	C	F	W	Secondary forest
116	GB116	1445.42	4738.00	Ulu Segama	s.s./shale	P_4Km	15	D.B.	R	C	F	W	Secondary forest
117	GB117	1445.55	4737.58	Ulu Segama	shale	P_4Km	20	D.B.	F	C	F	W	Secondary forest
118	GB118	1445.96	4737.82	Ulu Segama	sandstone	P_4Km	30	B.	M	S	M	W	Secondary forest
119	GB119	1446.92	4736.95	Ulu Segama	basalt	Do	25	B.	M	C	M	W	Primary forest
120	GB120	1447.15	4736.68	Ulu Segama	—	Do	25	Y.B.	M	C	M	W	Secondary forest

*1Gravel: Many (M), Few (F), Rare or none (R)
*2Grain size: Sandy (S), Clayey (C)
*3Topography: Steep (S), Moderate (M), Flat (F)
*4Humidity: Dry (D), Wet (W)

Area: Sungai Danum Area (Area B)

Ser. No.	Sample No.	Coordinates N	Coordinates E	1/50,000 Topo. Sheet	Rock of Basement	Geol. Unit	Depth (cm)	Color	G. *1	S. *2	T. *3	H. *4	Vegitation
121	GB121	1447.38	4736.96	Ulu Segama	—	Do	25	B.	R	C	M	W	Secondary forest
122	GB122	1447.57	4736.64	Ulu Segama	—	Do	25	B.	R	C	M	W	Secondary forest
123	GB123	1447.44	4737.16	Ulu Segama	bre. basalt	Do	20	L.B.	R	C	M	W	Primary forest
124	GB124	1447.29	4737.63	Ulu Segama	bre. basalt	Do	25	B.	M	C	M	W	Primary forest
125	GB125	1447.84	4737.58	Ulu Segama	bre. basalt	Do	20	L.B.	M	C	S	W	Primary forest
126	GB126	1447.93	4737.22	Ulu Segama	bre. basalt	Do	30	R.B.	F	C	S	W	Secondary forest
127	GB127	1445.17	4737.44	Ulu Segama	sandstone	P_4Km	25	D.B.	R	C	F	W	Secondary forest
128	GB128	1444.10	4737.53	Ulu Segama	—	P_4Km	30	R.B.	M	S	M	W	Secondary forest
129	GB129	1443.62	4737.35	Ulu Segama	—	P_4Km	30	Y.B.	M	C	F	W	Secondary forest
130	GB130	1444.55	4736.90	Ulu Segama	sandstone	P_4Km	30	Y.B.	R	C	F	W	Secondary forest
131	GB131	1444.90	4736.88	Ulu Segama	sandstone	P_4Km	25	L.B.	R	C	F	W	Secondary forest
132	GB132	1445.24	4736.75	Ulu Segama	chert	Do	15	D.B.	F	C	S	W	Secondary forest
133	GB133	1445.72	4736.80	Ulu Segama	basalt	Do	25	D.B.	R	C	S	W	Secondary forest
134	GB134	1446.28	4736.86	Ulu Segama	basalt	Do	20	B.	R	C	S	W	Primary forest
135	GB135	1445.11	4736.30	Ulu Segama	chert	Do	20	L.B.	R	C	S	W	Secondary forest
136	GB136	1444.53	4736.08	Ulu Segama	—	P_4Km	30	D.B.	M	C	M	W	Secondary forest
137	GB137	1445.00	4736.03	Ulu Segama	—	Do	30	D.B.	R	C	M	W	Secondary forest
138	GB138	1443.81	4735.18	Ulu Segama	sandstone	P_4Km	30	Y G.	R	C	M	W	Secondary forest
139	GB139	1444.02	4735.61	Ulu Segama	—	P_4Km	30	B.	R	C	M	W	Secondary forest
140	GB140	1444.34	4735.09	Ulu Segama	basalt	Do	20	B.	F	C	S	W	Secondary forest
141	GB141	1444.73	4735.41	Ulu Segama	basalt	Do	20	B.	F	S	S	W	Secondary forest
142	GB142	1444.89	4735.10	Ulu Segama	basalt	Do	30	D.B.	R	C	S	W	Secondary forest
143	GB143	1450.40	4737.44	Ulu Segama	basalt	Csba	30	B.	R	C	M	W	Secondary forest
144	GB144	1450.77	4738.85	Ulu Segama	peridotite	Pr	40	R.B.	R	C	M	D	Secondary forest

*1Gravel: Many (M), Few (F), Rare or none (R)
*2Grain size: Sandy (S), Clayey (C)
*3Topography: Steep (S), Moderate (M), Flat (F)
*4Humidity: Dry (D), Wet (W)

Appendix 21

Analytical result of soil geochemical samples in Area B

List of Geochemical Analysis(1)

Ser. No.	Sample No.	Location (km) X-coord	Location (km) Y-coord	As ppm	Au ppb	Ba ppm	Co ppm	Cr ppm	Cu ppm	Hg ppb	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	Pb ppm	S %	Sb ppm	Sr ppm	Ti %	U ppm	W ppm	Zn ppm
1	GB001	4735.150	1451.920	1>	1	112	35	141	45	71	.33	1.20	1673	2	.39	77	2>	.030	8.0	16	.86	1.2	2>	100
2	GB002	4734.880	1452.570	1>	1>	88	8	75	16	18	.39	.40	5>	1>	.20	26	9	.008	.2>	23	.32	1.8	2>	32
3	GB003	4735.790	1452.510	11	1>	449	19	71	15	90	1.12	.60	3418	1	1.19	42	2>	.028	.2>	18	.65	1.4	2>	119
4	GB004	4735.950	1451.900	1>	1>	93	16	109	14	33	.39	.80	35	1	.11	53	2>	.015	.2>	31	.67	1.6	2>	49
5	GB005	4736.020	1451.320	14	1>	249	18	98	30	40	1.95	1.15	582	1	.60	46	14	.015	3.5	79	.48	2.4	2>	97
6	GB006	4736.430	1451.150	15	1	87	12	83	15	31	.29	.49	717	2	.16	42	14	.015	1.6	19	.37	1.8	2>	38
7	GB007	4736.450	1450.700	9	1>	155	17	125	35	30	1.32	1.19	373	3	.28	77	5	.011	5.4	47	.56	2.4	2>	83
8	GB008	4735.890	1450.640	1>	1>	127	71	379	115	18	.17	2.14	946	3	.37	272	2>	.013	11.4	33	1.49	.6	2>	125
9	GB009	4735.890	1450.130	1>	1>	71	78	404	127	40	.46	1.22	969	2	.14	357	2>	.022	3.9	6	1.48	.6	2>	133
10	GB010	4735.250	1449.910	27	1>	142	78	400	113	32	1.17	1.30	1562	1>	.92	323	2>	.015	3.5	58	1.26	.6	2>	209
11	GB011	4735.550	1449.700	1>	1>	122	67	361	114	37	.36	2.03	1649	3	.74	283	2>	.020	15.9	51	1.48	.4	2>	146
12	GB012	4734.830	1449.540	1>	1>	264	62	287	68	37	.82	2.61	1390	1>	.64	224	2>	.037	11.2	174	1.34	.4	2>	124
13	GB013	4734.870	1449.200	1>	1>	260	61	299	66	46	.79	2.76	1332	1>	.71	228	2>	.032	6.5	179	1.34	.8	2>	129
14	GB014	4734.960	1448.760	1>	1>	158	75	422	69	42	.61	2.39	1111	1>	.91	304	2>	.031	14.4	79	1.47	.6	2>	127
15	GB015	4734.680	1448.480	1>	1>	185	61	343	74	18	1.60	2.81	612	2	.33	306	2>	.019	7.8	56	1.60	.4	2>	117
16	GB016	4735.040	1448.220	7	3	192	71	572	103	31	.65	2.82	1652	1>	.59	395	2>	.025	13.2	145	.85	.2	2>	116
17	GB017	4734.870	1447.850	4	1>	20	69	963	110	27	.07	3.07	363	1>	.28	599	2>	.018	7.7	49	.15	.2>	2>	63
18	GB018	4735.280	1447.740	1>	1>	3	178	940	128	31	.01>	13.49	1054	1>	.27	1350	2>	.018	.2>	8	.05	.2>	2>	147
19	GB019	4735.000	1447.400	15	1>	17	44	980	90	52	.02	2.95	253	1>	.28	284	2>	.035	4.1	43	.13	.2>	2>	50
20	GB020	4735.590	1447.050	10	1>	4	62	865	109	22	.01>	3.60	485	1>	.39	414	2>	.027	11.2	48	.20	.2>	2>	69
21	GB021	4735.530	1446.670	1>	1>	4	47	792	79	35	.01>	4.43	467	1>	.59	243	2>	.052	9.8	54	.15	.2>	2>	68
22	GB022	4737.050	1452.750	1>	1>	356	54	231	72	46	1.60	2.98	2333	1>	1.10	175	2>	.030	15.8	69	1.51	1.0	2>	130
23	GB023	4737.110	1452.440	1>	1>	149	15	61	14	37	.84	.56	190	1	.31	25	8	.010	2.0	49	.38	2.4	2>	56
24	GB024	4737.530	1452.630	1>	1>	137	6	55	12	46	.71	.43	5>	2	.10	14	13	.011	3.3	44	.33	2.4	2>	40
25	GB025	4737.920	1452.410	5	1>	110	42	375	38	33	.46	.87	5>	1	.15	192	5	.011	8.6	28	.48	1.6	2>	67
26	GB026	4738.280	1452.640	1>	1	30	69	426	81	34	.05	5.53	1247	2	1.51	169	2>	.050	9.1	54	.31	.2>	2>	91
27	GB027	4738.410	1451.910	1>	1>	206	49	105	67	27	.85	1.25	1022	1	.53	59	2>	.017	3.2	84	1.72	1.0	2>	118
28	GB028	4737.950	1451.830	1>	1>	226	65	157	77	21	1.32	1.42	1288	1	.17	159	2>	.013	14.7	25	2.58	.8	2>	182
29	GB029	4738.010	1451.410	1>	1>	83	76	350	96	31	.37	2.17	1976	1>	.19	374	2>	.013	4.2	30	.77	.2>	2>	134
30	GB030	4737.540	1451.220	1>	1>	155	69	231	83	47	.32	1.66	1938	1>	.60	149	2>	.024	7.0	69	1.40	.4	2>	133
31	GB031	4737.340	1450.880	1>	1>	138	62	280	56	44	.50	2.10	1462	1>	.45	207	2>	.036	13.6	69	1.34	.4	2>	113
32	GB032	4737.090	1450.630	1>	1>	679	18	144	30	71	.82	.88	504	2	.12	86	2>	.023	.2>	16	2.04	1.0	2>	127
33	GB033	4737.110	1450.150	1>	1>	64	51	431	106	64	.38	.88	100	1>	.13	422	2>	.015	5.0	4	1.05	.2>	2>	116
34	GB034	4736.780	1449.790	4	1>	150	43	238	92	67	.94	1.21	778	2	.11	134	2>	.019	11.4	22	1.70	.8	2>	216
35	GB035	4737.770	1450.840	15	1>	25	42	1066	81	53	.10	1.28	5>	1>	.10	470	2>	.021	4.4	4	.50	.2	2>	61
36	GB036	4737.900	1450.310	1>	1>	73	69	338	103	28	.47	2.00	1353	2	.80	300	2>	.011	7.9	34	1.05	.6	2>	119
37	GB037	4737.780	1450.000	4	1>	36	50	942	107	19	.02	2.15	24	1>	.34	389	2>	.014	8.0	44	.18	.2>	2>	47
38	GB038	4737.450	1449.860	5	1>	119	77	610	101	49	.82	2.42	3098	1>	.90	486	2>	.033	11.2	78	1.07	.4	2>	171
39	GB039	4737.230	1449.550	1>	1>	42	61	360	54	41	.56	2.74	1893	1>	1.35	235	2>	.038	11.1	72	1.09	.2>	2>	107
40	GB040	4737.720	1449.530	8	1>	115	44	237	104	26	1.39	2.92	2141	2	.87	261	11	.013	2.8	26	.49	1.2	2>	115
41	GB041	4737.490	1448.930	3	1>	97	131	1279	58	50	.58	9.18	2087	1>	.51	1632	2>	.023	7.8	23	.34	.6	2>	151
42	GB042	4736.930	1448.870	26	2	6	348	3931	30	56	.01>	15.96	3305	1>	.01>	4410	2>	.011	.2>	1	.02	.2>	2>	204
43	GB043	4736.850	1448.400	18	1>	160	97	938	73	37	1.14	3.69	2134	1>	.50	1237	9	.021	4.6	25	.37	1.0	2>	121
44	GB044	4736.510	1448.600	48	2	25	592	5537	82	123	.01>	7.42	6297	1>	.01	7351	2>	.024	17.5	4	.05	.2>	2>	209
45	GB045	4738.400	1450.130	18	1>	10	45	150	91	11	.01	.34	5>	1	.11	180	2>	.018	.2>	10	.12	.2>	2>	35
46	GB046	4738.710	1452.420	1>	1>	111	32	257	34	66	.24	.65	111	2	.11	116	2>	.025	8.1	9	2.34	2.2	2>	109
47	GB047	4739.350	1452.620	1>	1>	89	62	267	40	28	2.32	2.36	2496	2	.26	121	2>	.015	8.9	12	2.03	1.2	2>	111
48	GB048	4739.450	1452.140	9	1>	89	28	315	89	85	.59	.95	467	5	.08	130	2>	.019	1.1	17	.68	1.4	2>	90
49	GB049	4739.100	1451.900	4	1>	27	44	336	96	17	.03	2.67	1457	1>	1.16	117	2>	.019	6.6	43	.90	.2>	2>	105
50	GB050	4739.230	1451.430	3	1>	29	66	686	59	42	.04	3.96	767	1>	.97	573	2>	.032	10.1	43	.31	.2>	2>	77

List of Geochemical Analysis(2)

Ser. No.	Sample No.	Location(km) X-coord	Y-coord	As ppm	Au ppb	Ba ppm	Co ppm	Cr ppm	Cu ppm	Hg ppb	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	Pb ppm	S %	Sb ppm	Sr ppm	Ti %	U ppm	W ppm	Zn ppm
51	GB051	4739.760	1451.410	1	1>	43	53	951	117	40	.03	2.07	5>	1>	.23	409	2>	.022	9.5	10	.82	.2>	2>	85
52	GB052	4740.160	1451.520	8	1>	28	71	851	67	119	.02	1.90	1230	1>	.20	495	2>	.031	2.7	9	.69	.2>	2>	77
53	GB053	4740.530	1451.600	1>	1>	29	232	2023	73	52	.07	2.13	3262	1>	.38	1389	2>	.028	12.9	22	.22	.2	2>	89
54	GB054	4740.270	1452.000	1>	1>	11	68	769	69	42	.03	4.21	829	1>	.69	353	2>	.031	9.0	36	.65	.2>	2>	90
55	GB055	4739.380	1451.190	12	1>	46	157	1274	117	65	.03	2.99	1984	1>	.51	1134	2>	.021	4.2	28	.49	.2>	2>	85
56	GB056	4739.780	1450.920	15	1>	21	71	1610	64	113	.01>	2.18	725	1>	.17	356	2>	.036	13.9	24	.26	.2>	2>	44
57	GB057	4739.550	1450.610	9	1>	1	55	585	132	10>	.01>	5.14	237	1>	.52	330	2>	.026	7.6	75	.10	.2>	2>	67
58	GB058	4739.340	1450.080	1>	1>	33	66	738	120	12	.01	.75	144	1	.17	233	2>	.007	.2>	15	.34	.2>	2>	72
59	GB059	4739.040	1450.430	1>	1>	19	33	768	154	37	.02	.41	5>	1>	.17	495	2>	.034	4.1	3	.52	.2>	2>	40
60	GB060	4738.690	1450.250	16	1>	4	16	1066	88	144	.01>	.31	5>	2	.11	234	2>	.020	5.3	1	.45	.2>	2>	37
61	GB061	4739.380	1449.700	1>	1>	11	56	306	41	22	.01	1.89	756	1>	1.00	100	2>	.015	9.9	41	1.39	.2>	2>	65
62	GB062	4739.770	1449.470	1>	1>	14	61	310	35	53	.03	3.08	1436	1>	1.21	108	2>	.023	6.7	47	1.17	.2>	2>	76
63	GB063	4739.330	1449.270	1>	1>	7	59	366	50	87	.01>	2.35	2064	1>	1.52	101	2>	.033	13.5	47	1.42	.2>	2>	94
64	GB064	4739.880	1450.460	13	1>	6	60	510	115	12	.01>	.61	130	1>	.29	615	2>	.040	.2>	7	.18	.2>	2>	39
65	GB065	4740.200	1450.150	5	1>	11	45	383	73	28	.02	2.67	885	1>	.88	113	2>	.019	5.0	39	.50	.2>	2>	74
66	GB066	4740.240	1450.470	1>	2	15	58	583	74	47	.02	1.96	20	1>	.26	217	2>	.015	1.8	14	.89	.2>	2>	75
67	GB067	4740.190	1450.810	1>	1>	17	79	357	87	25	.03	1.81	902	1>	.26	136	2>	.017	.2>	13	.88	.2>	2>	88
68	GB068	4740.710	1450.690	1>	1>	17	49	380	33	75	.02	1.34	537	1>	.37	120	2>	.022	11.2	14	2.13	.2>	2>	67
69	GB069	4740.650	1451.110	4	1>	15	15	385	125	42	.02	.42	5>	1>	.17	297	2>	.038	.2>	4	.33	.2>	2>	45
70	GB070	4741.090	1450.800	1>	1>	15	55	148	60	24	.03	1.93	1482	1>	1.95	91	2>	.011	4.9	57	1.17	.2>	2>	92
71	GB071	4741.190	1450.400	1>	1>	11	50	201	54	26	.01	2.58	1542	1>	1.63	91	2>	.012	9.3	36	1.10	.2>	2>	90
72	GB072	4740.850	1450.230	1>	1>	12	51	215	51	50	.02	1.59	1474	1>	1.54	78	2>	.020	3.8	43	1.29	.2>	2>	71
73	GB073	4740.980	1449.960	2	1>	12	47	133	50	10>	.07	1.95	1272	1>	2.12	72	2>	.008	5.6	51	1.06	.2>	2>	72
74	GB074	4741.310	1449.600	1>	1>	13	52	214	34	62	.03	2.23	1381	1>	1.13	83	2>	.026	13.3	30	1.29	.2>	2>	64
75	GB075	4740.950	1449.550	1>	1>	5	37	152	59	11	.05	3.44	1019	1>	1.30	79	2>	.015	7.4	53	.98	.2>	2>	101
76	GB076	4740.450	1449.560	1>	1>	18	65	269	47	28	.03	1.16	862	1>	.35	114	2>	.011	9.0	20	1.67	.2>	2>	72
77	GB077	4740.720	1449.350	1>	1>	13	45	155	37	11	.06	3.46	1544	1>	1.41	68	2>	.019	9.5	50	1.10	.2>	3	84
78	GB078	4740.300	1449.170	1>	1>	8	61	326	46	57	.01>	1.66	784	1>	.56	107	2>	.031	14.6	16	1.65	.2>	2>	70
79	GB079	4740.590	1448.780	1>	1>	7	35	182	29	61	.09	2.28	1193	1>	1.33	64	2>	.028	6.8	44	.98	.2>	2>	68
80	GB080	4740.090	1448.780	1>	1>	13	50	223	70	36	.03	2.66	1943	1>	.58	76	2>	.019	18.0	25	1.39	.2>	2>	74
81	GB081	4739.680	1448.960	1>	1>	8	44	258	43	43	.01	1.24	653	1>	.66	78	2>	.013	13.2	19	1.28	.2>	2>	67
82	GB082	4739.430	1448.590	1>	1>	9	51	241	67	35	.05	1.63	746	1>	1.54	81	2>	.018	10.2	46	1.21	.2>	2>	70
83	GB083	4739.820	1448.310	1>	1>	12	40	243	53	36	.11	1.83	1063	1>	1.72	83	2>	.027	7.5	55	1.09	.2>	2>	71
84	GB084	4739.550	1448.110	1>	1>	19	66	318	74	15	.08	1.43	1697	1	.85	111	2>	.010	7.1	33	1.46	.2>	2>	88
85	GB085	4740.450	1448.260	1>	1>	16	35	189	35	51	.02	1.99	901	1>	1.17	59	2>	.022	5.5	49	.70	.2>	2>	61
86	GB086	4740.750	1447.860	1>	1>	13	27	337	77	10>	.03	3.14	479	1>	1.73	89	2>	.031	11.8	86	.27	.2>	2>	64
87	GB087	4740.920	1447.420	1>	1>	14	45	475	80	29	.02	4.08	488	1>	1.26	167	2>	.036	11.3	45	.23	.2>	2>	67
88	GB088	4740.980	1446.830	1>	1>	13	54	333	84	67	.03	4.95	1216	1>	.94	135	2>	.051	10.9	50	.31	.2>	2>	87
89	GB089	4740.730	1446.580	1>	1>	13	40	701	92	10>	.03	2.43	57	1>	1.50	116	2>	.030	7.0	50	.31	.2>	2>	64
90	GB090	4741.250	1446.450	1>	1>	81	36	675	80	64	.05	3.13	1203	1>	1.47	293	2>	.017	11.1	32	.21	.2	2>	62
91	GB091	4741.090	1446.050	1>	1>	154	7	61	19	54	1.09	.70	197	1	.25	30	2>	.010	5.7	42	.31	2.2	2>	61
92	GB092	4741.280	1444.980	1>	1>	62	14	48	17	79	.13	.54	1173	1	1.09	21	2>	.015	.2>	56	.60	.6	2>	53
93	GB093	4740.900	1445.190	1>	1>	146	34	391	57	23	.71	2.21	1135	1>	1.36	138	11	.034	12.7	60	.72	.8	2>	93
94	GB094	4740.200	1444.880	1>	2	113	15	80	27	24	.62	.64	233	1>	.36	55	2>	.010	3.1	31	.38	1.6	2>	72
95	GB095	4740.090	1444.440	1>	1>	90	11	51	15	25	.45	.39	142	1>	.25	26	2>	.005	3.8	24	.29	1.4	2>	39
96	GB096	4739.780	1443.820	1>	1>	144	16	74	25	31	.91	.54	207	1>	.15	31	2>	.008	.2>	36	.38	2.4	2>	62
97	GB097	4739.550	1443.420	1>	1>	133	5	53	20	39	.97	.42	5>	1>	.14	18	3	.005	5.4	30	.28	2.2	2>	47
98	GB098	4740.390	1445.410	14	4	184	5	89	31	31	1.28	.55	5>	1>	.16	40	4	.006	.2>	50	.25	1.8	2>	60
99	GB099	4740.300	1445.810	1>	1	139	8	108	34	34	1.25	.62	5>	1>	.37	50	2>	.005	1.2	32	.44	2.0	2>	80
100	GB100	4740.360	1446.280	1>	1>	30	45	542	92	40	.01	2.86	741	1>	1.40	161	2>	.031	5.9	52	.30	.2>	2>	62

List of Geochemical Analysis(3)

Ser. No.	Sample No.	Location (km) X-coord	Location (km) Y-coord	As ppm	Au ppb	Ba ppm	Co ppm	Cr ppm	Cu ppm	Hg ppb	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	Pb ppm	S %	Sb ppm	Sr ppm	Ti %	U ppm	W ppm	Zn ppm
101	GB101	4739.950	1446.410	1>	1>	11	48	425	60	45	.01	1.86	997	1>	.85	128	2>	.020	8.3	36	.37	.2>	2>	48
102	GB102	4739.780	1446.600	1>	1>	12	45	240	84	13	.03	3.91	1200	1>	1.14	108	2>	.036	15.7	48	.36	.2>	2>	83
103	GB103	4740.100	1446.910	1>	1>	4	54	248	47	39	.01>	2.71	1381	1>	1.27	81	2>	.025	13.2	56	.92	.2>	2>	66
104	GB104	4739.840	1447.330	1>	1>	9	45	259	41	53	.03	2.99	1192	1>	2.05	78	2>	.039	17.2	71	.80	.2>	2>	71
105	GB105	4739.950	1445.160	1>	1>	86	33	214	54	14	.56	2.06	901	1>	1.25	68	2>	.029	9.9	46	.71	.8	2>	98
106	GB106	4739.570	1445.640	1>	1>	112	12	103	17	15	.54	.44	129	1>	.56	35	4	.014	1.2	45	.40	1.8	2>	53
107	GB107	4739.450	1446.240	1>	1	73	25	134	48	19	.57	1.80	1394	1>	1.89	53	2>	.022	9.4	40	.71	.6	2>	76
108	GB108	4739.050	1446.000	1>	1>	176	18	115	48	10	1.86	1.62	384	1>	.77	86	4	.009	10.4	47	.45	2.0	2>	95
109	GB109	4739.080	1446.500	1>	1>	10	48	240	15	10	.03	2.98	936	1>	2.14	79	2>	.039	2.9	89	1.00	.2>	2>	49
110	GB110	4738.920	1447.030	1>	1>	12	52	321	29	51	.02	3.60	1403	1>	1.05	99	2>	.036	15.2	32	1.11	.2>	2>	72
111	GB111	4739.220	1445.550	1>	1	101	15	87	22	18	.38	.45	127	1>	.45	38	2>	.008	.2>	38	.47	1.8	2>	56
112	GB112	4739.230	1445.210	1>	1>	106	32	268	53	32	.37	1.76	978	1>	1.13	87	2>	.024	7.8	48	.71	.8	2>	113
113	GB113	4738.870	1445.340	2	46	137	13	100	23	22	.73	.52	64	1>	.62	53	4	.012	1.2	50	.28	1.6	2>	64
114	GB114	4738.760	1444.860	2	1>	107	11	87	24	32	.53	.39	67	1>	.23	34	2>	.006	4.1	28	.39	1.8	2>	56
115	GB115	4738.390	1445.330	1>	5	105	10	105	20	43	.72	.52	5>	1>	.50	45	2>	.010	2.3	40	.31	1.8	2>	64
116	GB116	4738.000	1445.420	1>	1>	53	58	267	70	55	.14	.87	2750	1>	1.10	84	2>	.019	4.8	33	1.29	.2	2>	121
117	GB117	4737.580	1445.550	1>	1>	60	61	314	102	67	.13	1.37	1946	1>	.71	112	2>	.017	9.6	24	1.09	.4	2>	135
118	GB118	4737.820	1445.960	1>	1>	139	19	159	39	31	.87	.86	363	1>	.53	66	2>	.021	.2>	43	.52	1.8	2>	88
119	GB119	4736.950	1446.920	1>	1>	22	49	877	49	24	.03	1.92	973	1>	1.56	139	2>	.030	12.3	41	.99	.2>	2>	75
120	GB120	4736.680	1447.150	1>	1>	16	65	318	85	16	.27	1.05	1458	1>	.14	127	2>	.006	7.5	7	1.03	.2>	2>	102
121	GB121	4736.960	1447.380	1>	1>	25	27	493	78	73	.14	.58	5>	1>	.08	258	2>	.012	1.4	3	1.17	.2	2>	75
122	GB122	4736.640	1447.570	1>	1>	38	43	464	88	69	.53	.92	984	1>	.11	206	2>	.034	6.7	9	1.07	.2	2>	92
123	GB123	4737.160	1447.440	1>	1>	11	68	457	145	44	.07	1.00	963	1>	.37	323	2>	.018	10.8	19	1.08	.2>	2>	135
124	GB124	4737.630	1447.290	1>	1>	19	64	343	221	51	.10	3.46	2762	4	.34	111	2>	.026	12.1	19	1.06	.2>	2>	343
125	GB125	4737.580	1447.840	1>	1>	8	35	179	72	16	.07	2.48	1641	1>	.72	68	2>	.014	9.4	37	.82	.2>	2>	123
126	GB126	4737.220	1447.930	1>	1>	11	71	301	539	39	.05	1.85	1828	2	.21	122	2>	.014	4.2	7	1.36	.2>	2>	674
127	GB127	4737.440	1445.170	1>	1>	77	39	197	45	41	.28	1.65	1217	1>	1.31	62	2>	.020	7.4	51	.72	.8	2>	88
128	GB128	4737.530	1444.100	1>	1>	128	3	30	11	10>	.97	.43	5>	1>	.04	12	2>	.005	.9	17	.23	2.0	2>	36
129	GB129	4737.350	1443.620	6	1>	139	1>	43	19	13	1.14	.40	5>	1>	.06	19	2>	.006	.9	18	.28	2.4	2>	43
130	GB130	4736.900	1444.550	1>	1	130	4	50	18	22	1.04	.47	5>	1>	.08	19	8	.004	.2>	22	.35	2.0	2>	51
131	GB131	4736.880	1444.900	1>	1>	79	9	97	26	47	.69	.42	5>	1>	.06	38	2>	.005	1.9	16	.33	2.0	2>	54
132	GB132	4736.750	1445.240	1>	1>	92	50	290	76	49	.78	1.95	1746	1>	1.09	73	2>	.012	8.4	29	1.07	.2	2>	102
133	GB133	4736.800	1445.720	1>	1>	191	57	191	75	94	.62	.87	2176	2	.67	61	2>	.023	6.7	28	.92	.8	2>	90
134	GB134	4736.860	1446.280	1>	1>	40	55	435	60	52	.02	2.55	1088	1>	1.30	124	2>	.025	13.5	65	.39	.2>	2>	62
135	GB135	4736.300	1445.110	1>	1>	67	63	240	93	59	.04	1.14	1285	1>	1.69	91	2>	.016	10.8	32	1.17	.2>	2>	101
136	GB136	4736.080	1444.530	1>	1>	14	68	249	34	34	.02	1.33	2191	1>	2.18	87	2>	.022	4.2	56	1.10	.2>	2>	67
137	GB137	4736.030	1445.000	1>	1>	14	77	287	74	56	.04	1.12	1440	1>	1.19	82	2>	.016	7.1	32	1.45	.2>	2>	81
138	GB138	4735.180	1443.810	1>	1>	109	10	87	16	34	.71	.51	5>	1>	.26	38	2>	.012	1.7	35	.33	1.8	2>	49
139	GB139	4735.610	1444.020	12	1>	142	20	111	27	28	1.04	.76	65	1>	.45	69	6	.008	4.7	39	.36	2.2	2>	65
140	GB140	4735.090	1444.340	1>	1>	22	68	275	39	52	.01>	1.06	728	1>	.86	107	2>	.011	10.2	18	1.38	.2	2>	53
141	GB141	4735.410	1444.730	1>	1>	13	52	199	131	41	.01	1.87	1375	1>	1.71	65	2>	.017	11.9	45	.97	.2>	2>	59
142	GB142	4735.100	1444.890	1>	1>	17	80	329	828	67	.05	2.37	1826	1>	.73	113	2>	.030	4.2	17	1.10	.2>	2>	179
143	GB143	4737.440	1450.400	1>	1>	110	60	197	76	12	.48	1.78	1076	1>	.85	194	2>	.012	14.3	51	1.35	.2	2>	124
144	GB144	4738.850	1450.770	1>	6	28	368	2352	234	67	.01>	.34	3353	1>	.09	1304	2>	.103	20.1	1	.23	.2>	2>	69

Appendix 22

List of stream sediment geochemical samples
in Area B

Ser. No.	Sample No.	Coordinates N	Coordinates E	Name of Stream	Geology	Geol. Unit	Order	Width (m)	Flow *1	Size *2	Color
1	GB501	1452.06	4735.00	S. Malubuk	—	P_4Km	1	1.0	3	1	D.G.
2	GB502	1452.46	4734.77	S. Malubuk	sandstone	P_4Km	1	1.5	3	1	D.G.
3	GB503	1452.38	4735.65	S. Malubuk	—	P_4Km	2	3.0	3	1	D.G.
4	GB504	1451.90	4735.77	S. Malubuk	—	P_4Km	2	3.0	3	1	D.B.
5	GB505	1451.40	4736.15	S. Malubuk	—	P_4Km	2	3.0	3	1	D.B.
6	GB506	1450.93	4736.45	S. Malubuk	sandstone	P_4Km	1	1.5	3	1	D.B.
7	GB507	1450.84	4736.33	S. Malubuk	sandstone	P_4Km	1	3.0	3	1	D.B.
8	GB508	1450.50	4736.03	S. Malubuk	basalt	Csba	1	2.5	3	1	D.G.
9	GB509	1450.13	4735.68	S. Malubuk	basalt	Csba	1	2.0	3	1	D.G.
10	GB510	1449.88	4735.46	S. Malubuk	chert	Csch	1	1.5	3	1	D.G.
11	GB511	1449.54	4734.63	S. Malubuk	basalt	Csba	2	5.0	4	1	L.B.
12	GB512	1449.10	4734.72	S. Malubuk	basalt	Csba	2	4.5	4	1	L.B.
13	GB513	1448.97	4734.90	S. Malubuk	basalt	Csba	1	4.0	4	1	L.B.
14	GB514	1448.86	4734.81	S. Malubuk	basalt	Csba	2	4.0	4	1	L.B.
15	GB515	1448.30	4734.75	S. Malubuk	basalt	Csba	1	1.0	4	1	L.B.
16	GB516	1448.29	4734.86	S. Malubuk	basalt	Csba	2	4.0	4	1	L.B.
17	GB517	1448.02	4735.17	S. Malubuk	chert	Csch	1	1.5	4	1	L.B.
18	GB518	1447.88	4735.11	S. Malubuk	chert	Csch	2	4.0	4	1	L.B.
19	GB519	1447.65	4735.08	S. Malubuk	—	Pr	1	1.5	4	1	L.B.
20	GB520	1447.59	4735.28	S. Malubuk	—	Pr	1	4.0	4	1	L.B.
21	GB521	1447.41	4735.31	S. Malubuk	gabbro	Gb	1	3.0	4	1	L.B.
22	GB522	1447.31	4735.16	S. Malubuk	gabbro	Gb	1	4.0	4	1	L.B.
23	GB523	1447.21	4735.48	S. Malubuk	gabbro	Gb	1	1.0	4	1	L.B.
24	GB524	1446.79	4735.23	S. Malubuk	gabbro	Gb	1	1.5	4	1	L.B.
25	GB525	1446.74	4735.37	S. Malubuk	gabbro	Gb	1	2.0	4	1	L.B.
26	GB526	1452.78	4737.61	S. Malubuk	basalt	Csba	4	6.0	3	1	B.
27	GB527	1452.64	4738.00	S. Malubuk	basalt	Csba	4	4.0	3	1	B.G.
28	GB528	1452.33	4738.32	S. Malubuk	basalt	Csba	2	4.5	3	1	B.G.
29	GB529	1452.03	4738.22	S. Malubuk	—	Csba	2	4.0	3	1	B.G.
30	GB530	1451.69	4738.04	S. Malubuk	—	Csba	2	4.0	3	1	B.
31	GB531	1451.39	4737.80	S. Malubuk	basalt	Csba	2	4.0	3	1	B.
32	GB532	1450.48	4737.24	S. Malubuk	basalt	Csba	1	1.0	3	1	B.
33	GB533	1450.20	4736.89	S. Malubuk	basalt	Csba	1	1.5	3	1	B.
34	GB534	1449.89	4736.59	S. Malubuk	basalt	Csba	1	2.0	3	1	L.B.
35	GB535	1450.82	4737.61	S. Malubuk	—	Csba	2	3.0	3	1	B.G.
36	GB536	1450.56	4737.68	S. Malubuk	basalt	Csba	1	1.0	3	1	B.G.
37	GB537	1450.52	4737.53	S. Malubuk	basalt	Csba	2	3.0	3	1	B.G.
38	GB538	1450.13	4738.00	S. Malubuk	meta-gabbro	Gb	1	0.5	3	1	B.G.
39	GB539	1449.80	4737.60	S. Malubuk	basalt	Csba	2	3.0	3	1	B.
40	GB540	1449.36	4737.56	S. Malubuk	—	Csba	1	1.0	3	1	B.
41	GB541	1449.31	4737.42	S. Malubuk	—	Csba	1	3.0	3	1	B.
42	GB542	1449.41	4737.37	S. Malubuk	—	Csba	1	1.0	3	1	B.
43	GB543	1448.89	4737.33	S. Malubuk	—	Pr	1	2.5	3	1	D.B.
44	GB544	1448.69	4736.95	S. Malubuk	—	Pr	1	2.0	3	1	D.B.
45	GB545	1448.48	4736.67	S. Malubuk	—	Pr	1	2.0	3	1	D.B.
46	GB546	1452.47	4738.92	S. Malubuk	chert	Csch	4	6.0	3	1	B,G,
47	GB547	1452.58	4739.16	S. Malubuk	basaltic bre	Csba	1	1.0	3	1	B.G.
48	GB548	1452.40	4739.35	S. Malubuk	chert	Csch	1	1.5	3	1	B.G.
49	GB549	1452.25	4739.26	S. Malubuk	chert	Csch	4	5.0	4	1	B.
50	GB550	1451.85	4739.27	S. Malubuk	breccia	Csba	4	4.0	4	1	G.

*1: none(0), puddle(1), slow(2), moderate(3), fast(4)
*2: coarse grained(1), medium grained(2), fine grained(3), clayey(4)

Ser. No.	Sample No.	Coordinates N	Coordinates E	Name of Stream	Geology	Geol. Unit	Order	Width (m)	Flow *1	Size *2	Color
51	GB551	1451.60	4739.37	S. Malubuk	sheared bre.	Csba	4	4.0	4	1	B.G.
52	GB552	1451.67	4740.00	S. Malubuk	—	Csba	2	3.0	3	1	B.G.
53	GB553	1451.75	4740.22	S. Malubuk	breccia	Csba	2	3.0	3	1	B.G.
54	GB554	1451.91	4740.49	S. Malubuk	breccia	Csba	2	2.0	3	1	B.G.
55	GB555	1451.76	4740.53	S. Malubuk	breccia	Csba	1	1.0	3	1	B.G.
56	GB556	1451.11	4739.51	S. Malubuk	—	Gb	4	4.0	4	1	B.G.
57	GB557	1450.85	4739.60	S. Malubuk	—	Gb	4	4.0	4	1	B.G.
58	GB558	1450.21	4739.38	S. Malubuk	gabbro	Gb	2	2.5	3	1	D.B.
59	GB559	1450.20	4739.01	S. Malubuk	gabbro	Gb	1	1.0	3	1	D.B.
50	GB560	1450.22	4738.87	S. Malubuk	gabbro	Gb	1	2.0	3	1	D.B.
61	GB561	1450.07	4739.52	S. Malubuk	dolerite	Do	2	2.0	3	1	G.
62	GB562	1449.71	4739.53	S. Malubuk	basalt	Do	2	2.0	3	1	D.G.
63	GB563	1449.34	4739.63	S. Malubuk	basalt	Do	1	0.8	3	1	D.G.
64	GB564	1449.26	4739.50	S. Malubuk	—	Do	1	1.5	3	1	D.G.
65	GB565	1450.64	4739.85	S. Malubuk	—	Gb	3	5.0	3	1	D.G.
66	GB566	1450.18	4739.97	S. Malubuk	dolerite	Do	1	1.0	3	1	D.G.
67	GB567	1450.69	4740.52	S. Malubuk	dolerite	Do	1	1.0	3	1	D.G.
68	GB568	1450.88	4740.58	S. Malubuk	dolerite	Do	3	5.0	3	1	D.G.
69	GB569	1450.98	4740.76	S. Malubuk	dolerite	Do	1	1.0	3	1	D.G.
70	GB570	1451.00	4741.29	S. Malubuk	dolerite	Do	3	4.0	3	1	D.G.
71	GB571	1450.85	4741.22	S. Malubuk	dolerite	Do	3	3.0	3	1	D.G.
72	GB572	1450.48	4741.33	S. Malubuk	dolerite	Do	1	2.5	3	1	D.G.
73	GB573	1450.53	4741.17	S. Malubuk	dolerite	Do	3	3.0	3	1	D.G.
74	GB574	1449.96	4740.80	S. Malubuk	dolerite	Do	2	2.5	3	1	D.G.
75	GB575	1449.48	4741.25	S. Malubuk	—	Do	1	1.0	3	2	Gn.G.
76	GB576	1449.42	4741.09	S. Malubuk	—	Do	1	2.0	3	2	Gn.G.
77	GB577	1450.15	4740.77	S. Malubuk	dolerite	Do	2	4.0	3	1	D.G.
78	GB578	1449.72	4740.60	S. Malubuk	dolerite	Do	2	2.5	3	1	B.G.
79	GB579	1449.18	4740.65	S. Malubuk	dolerite	Do	1	1.0	3	1	B.G.
80	GB580	1449.19	4740.52	S. Malubuk	dolerite	Do	2	2.5	3	1	B.G.
81	GB581	1448.89	4740.46	S. Malubuk	dolerite	Do	1	1.0	3	1	B.G.
82	GB582	1449.00	4740.34	S. Malubuk	—	Do	2	2.5	3	1	B.G.
83	GB583	1448.79	4739.95	S. Malubuk	—	Do	1	0.5	3	1	B.G.
84	GB584	1448.84	4739.84	S. Malubuk	—	Do	2	2.0	3	1	B.G.
85	GB585	1448.40	4739.66	S. Malubuk	—	Do	1	1.0	3	1	B.G.
86	GB586	1448.44	4739.54	S. Malubuk	—	Do	1	0.5	2	1	B.G.
87	GB587	1446.09	4741.34	S. Karangan	sandstone	P_4Km	2	2.5	4	1	D.G.
88	GB588	1446.42	4741.08	S. Karangan	sili. rock	Gb	2	2.5	4	1	G.B.
89	GB589	1446.75	4740.78	S. Karangan	gabbro	Gb	1	0.5	4	1	B.G.
90	GB590	1446.90	4740.82	S. Karangan	gabbro	Gb	1	2.0	4	1	G.B.
91	GB591	1445.00	4740.94	S. Karangan	shale	P_4Km	5	5.0	3	2	G.B.
92	GB592	1445.80	4740.11	S. Karangan	sandstone	P_4Km	2	2.5	4	1	G.B.
93	GB593	1446.11	4740.18	S. Karangan	—	P_4Km	2	2.0	4	1	D.B.
94	GB594	1446.45	4740.29	S. Karangan	gabbro	Gb	1	0.5	4	2	G.B.
95	GB595	1446.48	4740.14	S. Karangan	gabbro	Gb	2	1.5	4	1	G.B.
96	GB596	1446.75	4739.89	S. Karangan	gabbro	Gb	1	0.7	4	3	G.B.
97	GB597	1446.88	4739.95	S. Karangan	gabbro	Gb	1	1.5	4	2	G.B.
98	GB598	1445.31	4740.10	S. Karangan	sandstone	P_4Km	4	5.0	3	3	D.B.
99	GB599	1445.47	4739.76	S. Karangan	sandstone	P_4Km	4	6.0	3	2	G.B.
100	GB600	1445.85	4739.36	S. Karangan	—	P_4Km	2	2.5	4	1	G.B.

*1: none(0), puddle(1), slow(2), moderate(3), fast(4)
*2: coarse grained(1), medium grained(2), fine grained(3), clayey(4)

Ser. No.	Sample No.	Coordinates N	Coordinates E	Name of Stream	Geology	Geol. Unit	Order	Width (m)	Flow *1	Size *2	Color
101	GB601	1446.10	4739.19	S. Karangan	—	P_4Km	1	1.0	4	1	G.
102	GB602	1446.24	4739.28	S. Karangan	—	P_4Km	2	2.0	4	2	D.B.
103	GB603	1446.67	4739.22	S. Karangan	gb./bt.	Do	2	2.0	4	1	D.B.
104	GB604	1447.20	4738.93	S. Karangan	basalt	Do	1	1.0	4	1	D.B.
105	GB605	1447.35	4738.98	S. Karangan	basalt	Do	1	2.0	4	1	D.B.
106	GB606	1445.41	4739.13	S. Karangan	shale	P_4Km	1	1.0	4	1	B.G.
107	GB607	1445.24	4739.12	S. Karangan	shale	P_4Km	4	5.0	3	2	B.G.
108	GB608	1445.24	4738.72	S. Karangan	sandstone	P_4Km	1	0.5	3	2	D.B.
109	GB609	1445.07	4738.68	S. Karangan	sandstone	P_4Km	4	5.0	4	2	D.B.
110	GB610	1445.40	4738.22	S. Karangan	s.s./shale	P_4Km	1	0.5	3	2	D.B.
111	GB611	1445.55	4737.75	S. Karangan	shale	P_4Km	3	5.0	3	1	G.B.
112	GB612	1445.89	4737.67	S. Karangan	sandstone	P_4Km	3	5.0	4	1	D.B.
113	GB613	1445.99	4737.36	S. Karangan	basalt	Do	1	1.0	4	1	D.B.
114	GB614	1446.13	4737.39	S. Karangan	basalt	Do	3	4.0	4	1	B.G.
115	GB615	1446.51	4737.14	S. Karangan	basalt	Do	1	1.5	4	1	D.B.
116	GB616	1446.66	4737.24	S. Karangan	basalt	Do	3	3.5	4	1	D.B.
117	GB617	1447.01	4737.09	S. Karangan	basalt	Do	2	3.0	4	1	D.B.
118	GB618	1447.20	4736.88	S. Karangan	basalt	Do	2	3.0	4	1	D.B.
119	GB619	1447.28	4736.57	S. Karangan	—	Do	1	2.0	4	1	D.B.
120	GB620	1447.42	4736.60	S. Karangan	—	Do	1	2.0	4	1	D.B.
121	GB621	1447.05	4737.26	S. Karangan	basalt	Do	2	3.0	4	1	D.B.
122	GB622	1447.35	4737.45	S. Karangan	basalt	Do	1	1.0	4	1	D.B.
123	GB623	1447.46	4737.33	S. Karangan	brec. basalt	Do	2	2.0	4	1	D.B.
124	GB624	1447.70	4737.44	S. Karangan	brec. basalt	Do	1	1.0	4	1	D.B.
125	GB625	1447.81	4737.35	S. Karangan	brec. basalt	Do	1	2.0	4	1	D.B.
126	GB626	1445.00	4737.80	S. Karangan	shale	P_4Km	3	3.0	3	2	G.B.
127	GB627	1444.78	4737.72	S. Karangan	sandstone	P_4Km	3	3.5	3	2	G.B.
128	GB628	1445.04	4737.35	S. Karangan	sandstone	P_4Km	1	1.0	3	2	D.B.
129	GB629	1444.57	4737.58	S. Karangan	—	P_4Km	1	1.0	3	2	B.
130	GB630	1444.65	4737.41	S. Karangan	—	P_4Km	3	3.5	3	2	D.B.
131	GB631	1444.91	4736.64	S. Karangan	sandstone	P_4Km	2	2.0	4	1	D.B.
132	GB632	1445.26	4736.60	S. Karangan	chert	Do	1	1.0	4	1	D.B.
133	GB633	1445.19	4736.47	S. Karangan	chert	Do	1	1.5	4	1	D.B.
134	GB634	1444.78	4736.59	S. Karangan	sandstone	P_4Km	2	2.0	4	1	D.B.
135	GB635	1444.79	4736.00	S. Karangan	—	P_4Km	1	0.7	4	1	D.B.
136	GB636	1444.69	4736.04	S. Karangan	—	P_4Km	1	1.0	4	1	D.B.
137	GB637	1443.97	4735.30	S. Banum	—	P_4Km	1	0.7	3	1	D.B.
138	GB638	1444.03	4735.45	S. Banum	—	P_4Km	2	2.5	4	1	G.B.
139	GB639	1444.48	4735.26	S. Banum	gabbro	Gb	1	1.5	4	1	G.B.
140	GB640	1444.60	4735.32	S. Banum	—	Do	1	1.5	4	1	D.B.

*1: none(0), puddle(1), slow(2), moderate(3), fast(4)
*2: coarse grained(1), medium grained(2), fine grained(3), clayey(4)

Appendix 23

Analytical results of stream sediment
geochemical samples in Area B

List of Geochemical Analysis(1)

Ser. No.	Sample No.	Location(km) X-coord	Location(km) Y-coord	As ppm	Au ppb	Ba ppm	Co ppm	Cr ppm	Cu ppm	Hg ppb	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	Pb ppm	S %	Sb ppm	Sr ppm	Ti %	U ppm	W ppm	Zn ppm
1	GB501	4735.000	1452.060	1>	1>	87	13	477	20	10>	.44	1.24	546	1>	.85	54	2>	.022	6.3	56	.43	1.0	2>	51
2	GB502	4734.770	1452.460	1>	1>	68	14	591	17	10>	.31	1.09	410	1>	.77	47	2>	.020	14.3	50	.42	1.0	2>	44
3	GB503	4735.650	1452.380	2	1>	128	25	334	27	20	.75	1.67	542	1>	.37	112	7	.033	7.5	55	.64	1.0	2>	86
4	GB504	4735.770	1451.900	1>	1>	139	29	443	36	12	.96	1.96	806	1>	.56	143	2>	.022	17.1	70	.83	1.0	2>	105
5	GB505	4736.150	1451.400	1>	1>	160	31	398	38	18	1.04	2.17	944	1	.70	151	2>	.026	13.2	83	.94	.8	2>	109
6	GB506	4736.450	1450.930	1>	1>	174	34	427	40	12	1.09	2.25	931	1>	.64	154	2>	.038	13.5	90	1.04	.8	2>	126
7	GB507	4736.330	1450.840	1>	1>	136	36	334	40	12	1.10	2.08	914	2	.50	151	2>	.020	14.1	73	.81	1.0	2>	115
8	GB508	4736.030	1450.500	1>	1>	137	36	242	42	10>	1.46	2.73	1121	2	.51	156	2>	.028	3.6	62	.75	1.4	2>	119
9	GB509	4735.680	1450.130	1>	1>	134	35	300	32	21	.74	1.59	675	1	.44	125	2>	.016	8.9	71	1.02	.8	2>	109
10	GB510	4735.460	1449.880	1>	1>	182	48	351	43	16	1.13	2.03	939	2	.54	170	2>	.020	14.6	89	1.22	.8	2>	138
11	GB511	4734.630	1449.540	1>	1>	77	37	1034	56	10>	.67	4.66	1172	1>	.77	282	2>	.042	8.8	57	.67	.6	2>	106
12	GB512	4734.720	1449.100	1>	1>	97	48	932	63	10>	.85	5.38	1358	1	.93	322	2>	.046	11.1	65	.71	.6	2>	117
13	GB513	4734.900	1448.970	1>	1>	114	39	695	41	12	.60	3.29	1013	1>	.61	193	2>	.030	12.3	92	1.00	.6	2>	114
14	GB514	4734.810	1448.860	1>	1>	89	39	866	59	10>	.81	5.24	1328	1>	.89	298	2>	.047	17.0	63	.70	.8	2>	115
15	GB515	4734.750	1448.300	1>	1>	118	38	632	40	10>	.57	3.55	1005	1>	.58	285	2>	.024	11.7	111	1.01	.4	2>	115
16	GB516	4734.860	1448.290	1>	1>	78	52	667	62	10>	.71	4.80	1233	1>	.79	309	2>	.039	9.2	59	.58	1.0	2>	109
17	GB517	4735.170	1448.020	3	1>	110	29	594	48	10>	.96	2.93	1279	1>	.50	230	5	.028	10.3	47	.46	1.2	2>	101
18	GB518	4735.110	1447.880	1>	1>	40	42	682	63	10>	.60	6.43	1029	1>	1.00	341	2>	.051	11.9	60	.60	.4	2>	108
19	GB519	4735.080	1447.650	3	1>	3	94	5144	61	13	.01>	7.22	712	1>	.43	965	2>	.038	19.2	39	.14	.2>	2>	109
20	GB520	4735.280	1447.590	1>	1>	3	42	878	66	12	.03	5.49	1085	1>	1.01	211	2>	.054	9.6	61	.84	.2>	2>	90
21	GB521	4735.310	1447.410	1>	1>	3	37	749	57	11	.03	4.54	1078	1>	.95	163	2>	.046	10.0	57	.93	.2>	2>	81
22	GB522	4735.160	1447.310	1>	1>	4	38	1376	39	10>	.01	5.53	1939	1>	1.19	189	2>	.050	19.2	49	1.54	.2>	2>	91
23	GB523	4735.480	1447.210	1>	1>	3	36	1012	37	10>	.01>	5.74	780	1>	.43	168	2>	.052	9.5	32	.43	.2>	2>	73
24	GB524	4735.230	1446.790	1>	1>	6	35	758	60	11	.04	5.20	1065	1>	1.19	198	2>	.049	13.5	67	.82	.2>	2>	91
25	GB525	4735.370	1446.740	1>	1>	3	31	693	60	10>	.03	4.59	1123	1>	.96	156	2>	.048	12.9	58	.98	.2>	2>	84
26	GB526	4737.610	1452.780	1>	1>	18	35	480	28	10>	.15	4.42	1603	1>	1.34	101	2>	.051	12.6	73	1.57	.2>	2>	92
27	GB527	4738.000	1452.640	1>	1>	16	37	493	29	10>	.16	4.30	1515	1>	1.36	103	2>	.050	10.1	72	1.51	.2	2>	91
28	GB528	4738.320	1452.330	1>	1>	63	47	1657	34	10>	.53	4.51	1475	1>	.72	212	2>	.036	25.5	60	1.59	.4	2>	124
29	GB529	4738.220	1452.030	1>	1>	55	31	812	32	10>	.46	3.80	1048	1>	.57	212	2>	.030	13.2	54	.95	.2	2>	100
30	GB530	4738.040	1451.690	1>	1>	78	47	1147	45	11	.74	4.72	1364	1>	.84	297	2>	.036	19.0	70	1.15	.4	2>	128
31	GB531	4737.800	1451.390	1>	1>	60	34	792	37	10>	.55	3.82	1102	1>	.60	247	5	.032	12.2	56	.91	.4	2>	108
32	GB532	4737.240	1450.480	1>	1>	122	34	288	54	12	1.01	2.29	1247	1	.60	156	2>	.023	14.9	90	1.08	.6	2>	141
33	GB533	4736.890	1450.200	1>	20	129	36	310	56	10>	1.09	2.39	1434	2	.59	160	2>	.021	16.9	89	1.18	.4	2>	150
34	GB534	4736.590	1449.890	1>	1>	118	38	318	54	13	1.03	2.37	1387	1	.58	160	2>	.023	13.1	88	1.12	.4	2>	147
35	GB535	4737.610	1450.820	1>	9	29	37	1028	28	10>	.30	5.00	1025	1>	.66	317	2>	.035	15.3	36	.80	.2	2>	88
36	GB536	4737.680	1450.560	4	1>	17	52	1294	49	10>	.11	6.50	962	1>	.62	243	2>	.054	8.6	40	.55	.2>	2>	93
37	GB537	4737.530	1450.520	1>	1>	29	49	1725	32	10>	.36	6.16	1446	1>	.82	366	2>	.046	20.5	45	1.27	.2	2>	113
38	GB538	4738.000	1450.130	7	1>	4	44	670	48	10>	.01>	4.80	861	1>	.66	138	2>	.044	12.1	42	.80	.2>	2>	66
39	GB539	4737.600	1449.800	1>	1>	43	43	1277	36	10>	.47	5.69	1155	1>	.64	462	2>	.040	13.2	36	.72	.6	2>	108
40	GB540	4737.560	1449.360	1>	1>	14	45	635	46	10>	.12	4.65	1395	1>	1.29	183	2>	.054	8.8	51	1.08	.2	2>	96
41	GB541	4737.420	1449.310	1>	1>	46	54	1212	46	10>	.51	6.57	1363	1>	1.02	537	2>	.050	12.4	42	.85	.6	2>	121
42	GB542	4737.370	1449.410	1>	1>	69	29	679	38	10>	.91	2.40	1157	1>	.57	137	2>	.019	13.3	57	.82	.4	2>	112
43	GB543	4737.330	1448.890	1>	1>	68	54	1344	42	10>	.71	6.21	1253	1>	.47	641	2>	.029	11.3	25	.44	1.0	2>	120
44	GB544	4736.950	1448.690	7	1>	79	36	1442	49	11	.80	4.72	1145	1>	.44	460	2>	.030	9.2	25	.42	.8	2>	113
45	GB545	4736.670	1448.480	1	1>	56	52	1473	36	10>	.53	6.45	1144	1>	.42	704	2>	.023	12.9	24	.40	.6	2>	116
46	GB546	4738.920	1452.470	1>	1>	15	51	547	32	10>	.14	4.46	1634	1>	1.36	105	2>	.051	15.8	76	1.54	.2>	2>	93
47	GB547	4739.160	1452.580	1>	1>	76	16	409	15	10>	.34	1.16	502	1>	.27	99	2>	.014	10.3	45	.62	.8	2>	56
48	GB548	4739.350	1452.400	3	1>	71	33	882	49	10>	.60	3.35	1233	1	.60	210	2>	.034	17.4	72	.80	.8	2>	109
49	GB549	4739.260	1452.250	1>	1>	19	44	476	31	10>	.20	3.80	1382	1>	1.02	102	2>	.043	15.2	60	1.23	.2>	4	82
50	GB550	4739.270	1451.850	1>	1>	10	44	345	31	10>	.12	3.88	1349	1>	1.58	91	2>	.041	12.5	65	1.26	.2>	2>	85

List of Geochemical Analysis(2)

Ser. No.	Sample No.	Location(km) X-coord	Y-coord	As ppm	Au ppb	Ba ppm	Co ppm	Cr ppm	Cu ppm	Hg ppb	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	Pb ppm	S %	Sb ppm	Sr ppm	Ti %	U ppm	W ppm	Zn ppm
51	GB551	4739.370	1451.600	1>	1>	15	41	387	29	10>	.11	3.77	1389	1>	1.29	89	2>	.045	17.0	63	1.26	.2	2>	83
52	GB552	4740.000	1451.670	6	1>	15	51	915	33	10>	.12	5.49	1598	2	1.12	197	3	.067	20.7	67	1.29	.2>	2>	96
53	GB553	4740.220	1451.750	1>	1>	16	41	1167	28	10>	.09	4.88	1706	1	.85	171	2>	.070	10.7	55	1.70	.2>	2>	92
54	GB554	4740.490	1451.910	1>	1>	10	42	696	25	11	.06	5.13	1691	1>	.95	141	4	.065	15.5	55	1.51	.2>	2>	89
55	GB555	4740.530	1451.760	1>	3	30	49	1616	48	10>	.30	5.87	1417	1>	.74	313	2>	.084	20.4	45	1.00	.2	2>	102
56	GB556	4739.510	1451.110	1>	1>	11	36	377	28	10>	.10	4.02	1508	1>	1.33	78	2>	.049	8.7	67	1.40	.2>	2>	87
57	GB557	4739.600	1450.850	1>	1>	15	42	386	25	10>	.08	3.77	1494	1>	1.15	75	2>	.046	10.3	63	1.50	.2>	2>	85
58	GB558	4739.380	1450.210	1>	1>	5	38	557	28	10>	.01	4.40	1463	1>	1.58	98	2>	.050	16.7	71	1.50	.2>	2>	80
59	GB559	4739.010	1450.200	1>	1>	9	38	384	24	10>	.02	4.03	1286	1>	1.37	86	2>	.044	6.8	59	1.30	.2>	2>	74
60	GB560	4738.870	1450.220	1>	1>	7	42	544	26	10>	.02	4.29	1399	1>	1.45	92	2>	.046	18.1	70	1.42	.2>	2>	79
61	GB561	4739.520	1450.070	1>	1>	7	33	372	20	10>	.02	4.12	1412	1>	1.21	76	2>	.046	12.3	65	1.44	.2>	2>	77
62	GB562	4739.530	1449.710	1>	1>	5	43	365	27	10>	.01	4.36	1502	1>	1.66	87	2>	.046	11.9	74	1.45	.2>	2>	84
63	GB563	4739.630	1449.340	2	1>	9	48	386	27	10>	.01	4.91	1432	1>	1.11	89	2>	.052	14.0	80	1.24	.2>	2>	79
64	GB564	4739.500	1449.260	3	1>	9	38	397	24	10>	.02	4.37	1637	1>	1.57	82	2>	.045	20.9	62	1.81	.2>	2>	92
65	GB565	4739.850	1450.640	1>	1>	11	33	385	22	10>	.08	3.65	1887	1>	.94	65	2>	.055	21.4	57	2.04	.2>	2>	91
66	GB566	4739.970	1450.180	2	1>	14	40	362	19	10>	.03	4.21	1391	1	1.57	78	2>	.053	15.1	101	1.48	.2>	3	78
67	GB567	4740.520	1450.690	1>	1	10	32	318	14	10>	.01	3.86	1429	1>	.98	72	2>	.040	17.2	58	1.70	.2	2>	69
68	GB568	4740.580	1450.880	1>	1>	16	48	376	34	10>	.17	4.07	1892	1>	1.45	76	2>	.051	14.4	62	1.80	.2>	2>	103
69	GB569	4740.760	1450.980	1>	1>	6	41	863	37	10>	.01>	4.74	1542	1>	.53	170	2>	.038	17.4	35	1.57	.2>	2>	82
70	GB570	4741.290	1451.000	1>	1>	5	33	326	25	10>	.04	3.86	1416	1>	1.25	68	2>	.041	18.1	58	1.44	.2	2>	82
71	GB571	4741.220	1450.850	1>	1>	10	52	303	20	10>	.07	4.44	1821	1>	1.54	75	2>	.047	21.9	58	1.97	.2>	2>	95
72	GB572	4741.330	1450.480	1>	1>	8	34	395	25	10>	.05	4.06	1493	1>	1.38	72	2>	.048	19.5	62	1.52	.2>	2>	84
73	GB573	4741.170	1450.530	1>	1>	8	33	314	16	10>	.04	3.58	1368	1>	1.07	64	2>	.044	20.3	62	1.38	.2>	2>	71
74	GB574	4740.800	1449.960	1>	1>	8	44	412	20	10>	.06	4.61	1614	1>	1.60	79	2>	.051	18.5	75	1.81	.2>	2>	90
75	GB575	4741.250	1449.480	1>	1>	6	44	404	25	10>	.06	4.43	1287	1>	1.61	86	2>	.048	13.8	66	1.54	.2>	2>	90
76	GB576	4741.090	1449.420	3	1>	9	32	353	28	10>	.06	4.01	1435	1>	1.42	72	2>	.043	11.0	59	1.42	.2>	2>	87
77	GB577	4740.770	1450.150	1>	1>	6	31	394	28	10>	.05	4.32	1579	1>	1.49	74	2>	.046	20.3	62	1.59	.2>	2>	91
78	GB578	4740.600	1449.720	1>	1>	7	36	463	24	10>	.05	4.72	1563	1>	1.33	80	2>	.054	12.4	58	1.50	.2>	2>	91
79	GB579	4740.650	1449.180	1>	1>	13	34	323	31	10>	.05	3.70	1401	1>	1.28	69	2>	.040	13.1	53	1.34	.2>	2>	87
80	GB580	4740.520	1449.190	1>	1>	6	42	383	36	10>	.07	4.36	1620	1>	1.59	78	2>	.046	15.3	62	1.53	.2>	2>	102
81	GB581	4740.460	1448.890	1>	1>	5	32	357	27	10>	.05	3.88	1367	1>	1.39	73	2>	.042	15.9	54	1.39	.2>	2>	87
82	GB582	4740.340	1449.000	1>	1>	11	41	371	36	10>	.09	4.19	1637	1>	1.62	76	2>	.050	17.9	60	1.50	.2>	2>	98
83	GB583	4739.950	1448.790	1>	1>	8	34	243	20	10>	.12	3.14	1444	1>	1.20	63	2>	.033	15.4	42	1.31	.2>	3	66
84	GB584	4739.840	1448.840	1>	1>	16	44	334	38	10>	.10	3.73	1482	1>	1.60	70	2>	.057	17.7	54	1.31	.2>	2>	84
85	GB585	4739.660	1448.400	1>	1>	6	28	278	25	10>	.06	3.18	1202	1>	1.20	54	2>	.037	12.3	43	1.09	.2>	2>	65
86	GB586	4739.540	1448.440	1>	1>	10	42	328	79	10>	.11	3.24	1680	1>	1.58	67	2>	.210	13.0	55	1.30	.2>	2>	126
87	GB587	4741.340	1446.090	1>	1>	48	25	308	23	10>	.27	2.89	880	1>	1.15	60	2>	.055	11.5	60	.94	.6	2>	60
88	GB588	4741.080	1446.420	1>	1>	39	29	379	28	10>	.23	3.67	1108	1>	1.42	67	2>	.053	9.4	64	1.12	.2	2>	67
89	GB589	4740.780	1446.750	1>	1>	4	29	547	34	10>	.01	3.72	707	1>	1.57	95	2>	.056	4.1	66	.60	.2>	2>	57
90	GB590	4740.820	1446.900	1>	1>	7	30	412	23	10>	.04	4.03	1477	1>	1.48	68	2>	.048	12.3	64	1.73	.2>	2	68
91	GB591	4740.940	1445.000	1>	1>	62	24	321	40	13	.44	2.48	851	1>	1.32	62	2>	.074	10.6	56	.74	.8	2>	72
92	GB592	4740.110	1445.800	1>	1>	27	33	398	34	10>	.13	3.90	888	1>	1.44	93	2>	.055	6.0	62	.75	.2	2>	63
93	GB593	4740.180	1446.110	1>	1>	8	34	407	30	10>	.03	4.33	1082	1>	1.56	83	2>	.052	4.3	63	.90	.2>	2>	65
94	GB594	4740.290	1446.450	1>	1>	7	30	499	38	10>	.02	4.65	860	1>	1.41	106	2>	.062	.2>	61	.60	.2>	2>	64
95	GB595	4740.140	1446.480	1>	1>	7	30	457	31	10>	.03	4.14	1010	1>	1.53	79	2>	.048	10.1	63	.83	.2>	2>	64
96	GB596	4739.890	1446.750	1>	1>	2	30	499	25	10>	.01>	4.87	1411	1>	1.17	84	2>	.054	8.3	51	1.28	.2>	2>	69
97	GB597	4739.950	1446.880	1>	1>	6	41	292	22	10>	.04	3.47	1166	1>	1.52	58	2>	.036	17.4	59	1.24	.2>	2>	64
98	GB598	4740.100	1445.310	1>	1>	66	24	270	49	11	.54	2.46	934	1>	1.48	66	2>	.064	13.6	54	.75	.4	2>	83
99	GB599	4739.760	1445.470	1>	1>	63	23	291	48	12	.42	2.25	867	1>	1.09	57	2>	.097	12.6	45	.75	.6	2>	75
100	GB600	4739.360	1445.850	1>	1>	96	31	249	40	14	.75	2.81	1095	2	1.61	57	2>	.102	17.5	62	1.02	.8	2>	75

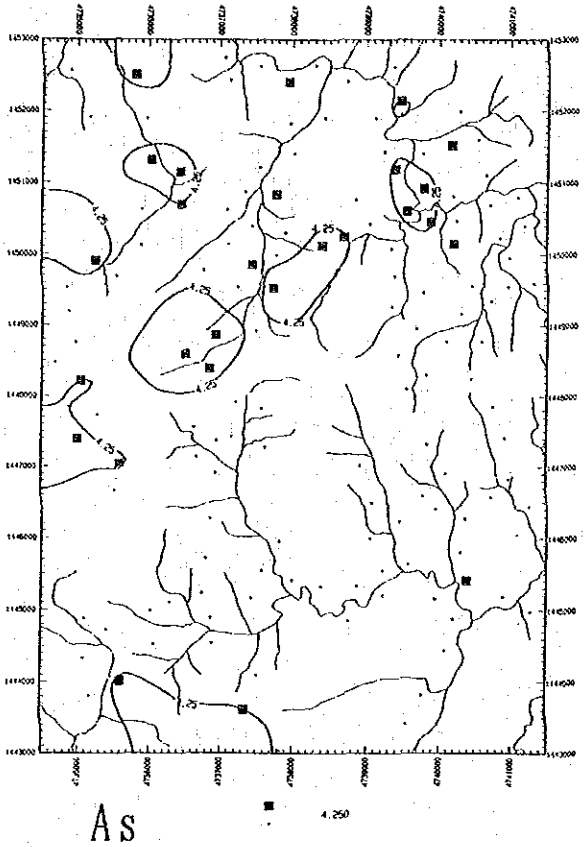
List of Geochemical Analysis(3)

Ser. No.	Sample No.	Location (km) X-coord	Location (km) Y-coord	As ppm	Au ppb	Ba ppm	Co ppm	Cr ppm	Cu ppm	Hg ppb	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	Pb ppm	S %	Sb ppm	Sr ppm	Ti %	U ppm	W ppm	Zn ppm
101	GB601	4739.190	1446.100	1>	1>	169	21	135	45	24	1.48	1.80	767	3	1.15	72	2>	.103	4.9	49	.52	1.8	2>	80
102	GB602	4739.280	1446.240	1>	2	12	34	343	39	10>	.08	4.01	1318	1>	1.69	69	2>	.063	15.9	64	1.65	.2>	2>	86
103	GB603	4739.220	1446.670	1>	1>	9	30	310	38	10>	.09	3.72	1188	1>	1.60	62	2>	.054	10.2	58	1.36	.2>	2>	85
104	GB604	4738.930	1447.200	1>	1>	4	40	340	18	10>	.05	3.86	1231	1>	1.72	69	2>	.044	13.3	60	1.40	.2>	2>	62
105	GB605	4738.980	1447.350	1>	1>	11	35	312	73	10>	.14	3.80	1406	1>	1.87	67	2>	.079	11.8	60	1.38	.2>	2>	134
106	GB606	4739.130	1445.410	1>	1>	109	32	233	33	16	.60	2.25	1000	1>	1.63	56	2>	.063	9.4	69	.85	.6	5	69
107	GB607	4739.120	1445.240	1>	1>	72	26	459	53	16	.38	2.32	940	1>	.96	57	2>	.137	13.3	48	.78	.8	2>	80
108	GB608	4738.720	1445.240	7	1>	172	16	142	25	26	1.01	.83	334	1	.69	46	6	.095	7.7	55	.28	1.8	2>	73
109	GB609	4738.680	1445.070	1>	1>	75	26	445	61	10>	.41	2.46	955	1>	1.00	62	2>	.127	11.2	48	.79	.4	2>	90
110	GB610	4738.220	1445.400	1>	1>	121	16	219	20	14	.59	.92	424	1>	.73	35	2>	.045	3.5	44	.38	1.2	2>	53
111	GB611	4737.750	1445.550	1>	1>	68	44	594	93	10>	.68	3.67	1411	1>	1.67	91	2>	.150	16.1	68	1.17	.4	2>	130
112	GB612	4737.670	1445.890	1>	1>	41	54	948	111	10>	.43	4.08	1579	1>	1.71	106	2>	.257	17.8	64	1.32	.2>	2>	144
113	GB613	4737.360	1445.990	1>	1>	22	43	440	53	10>	.11	4.47	1504	1>	2.12	81	2>	.117	12.0	93	1.38	.2>	2>	100
114	GB614	4737.390	1446.130	1>	1>	32	49	1400	139	10>	.42	4.42	1652	1>	1.58	109	2>	.467	21.1	61	1.42	.2>	2>	155
115	GB615	4737.140	1446.510	1>	1>	29	40	424	75	10>	.32	4.41	1437	1>	2.04	80	2>	.107	10.6	68	1.27	.2>	2>	140
116	GB616	4737.240	1446.660	1>	1>	33	51	707	107	10>	.56	3.89	1648	1>	1.50	125	2>	.140	20.3	59	1.29	.2>	2>	153
117	GB617	4737.090	1447.010	1>	1>	28	61	1176	76	10>	.52	3.56	1602	1>	1.33	151	2>	.062	16.1	50	1.33	.2>	2>	119
118	GB618	4736.880	1447.200	1>	1>	18	61	670	76	11	.30	3.55	1871	1>	1.70	192	2>	.033	15.3	59	1.39	.2>	2>	109
119	GB619	4736.570	1447.280	1>	1>	11	51	459	56	10>	.21	3.93	2054	1>	1.93	94	2>	.041	13.6	61	1.69	.2>	2>	101
120	GB620	4736.600	1447.420	1>	1>	11	80	8314	101	12	.32	4.01	1727	1>	.54	549	2>	.037	36.1	32	1.48	.2>	2>	163
121	GB621	4737.260	1447.050	1>	1>	25	56	560	153	10>	.48	3.88	1615	1>	1.38	95	2>	.235	25.1	58	1.28	.2>	2>	195
122	GB622	4737.450	1447.350	1>	1>	15	51	396	51	11	.21	4.11	1530	1>	2.19	85	2>	.120	13.9	67	1.62	.2>	2>	120
123	GB623	4737.330	1447.460	1>	1>	26	60	457	152	10>	.46	3.68	1751	1>	1.13	100	2>	.164	13.1	57	1.28	.4	2>	199
124	GB624	4737.440	1447.700	1>	1>	15	49	343	61	10>	.24	4.06	1562	1>	2.01	76	2>	.111	18.4	72	1.52	.2>	2>	109
125	GB625	4737.350	1447.810	1>	1>	38	55	450	160	10>	.56	3.62	1986	1>	1.03	107	2>	.039	16.8	52	1.30	.2>	2>	218
126	GB626	4737.800	1445.000	1>	1>	71	21	297	37	10>	.39	1.76	711	1>	.85	48	2>	.050	8.8	39	.61	1.0	2>	59
127	GB627	4737.720	1444.780	1>	1>	74	24	268	41	10>	.50	1.99	741	1	1.02	49	2>	.046	8.9	42	.64	.8	5	65
128	GB628	4737.350	1445.040	1	1>	69	29	382	35	10>	.38	2.69	972	1>	1.49	61	2>	.060	15.1	67	1.07	.6	2	70
129	GB629	4737.580	1444.570	1>	1>	100	5	354	11	10	.48	.38	126	2	.26	21	4	.011	3.1	20	.23	2.0	2>	29
130	GB630	4737.410	1444.650	1>	1>	86	24	324	52	10>	.46	2.46	1008	1>	1.15	57	2>	.065	9.7	46	.78	.6	2>	73
131	GB631	4736.640	1444.910	1>	1>	60	47	363	88	10>	.56	3.60	1467	1>	1.91	80	2>	.081	12.4	62	1.05	.2	2>	125
132	GB632	4736.600	1445.260	1>	1>	36	41	387	43	10>	.33	3.90	1328	1>	2.37	74	2>	.076	7.0	86	1.16	.2	2>	90
133	GB633	4736.470	1445.190	1>	1>	29	45	350	99	10	.49	3.83	1390	1>	1.85	79	2>	.082	13.5	61	1.11	.2>	2>	120
134	GB634	4736.590	1444.780	1>	1>	70	38	356	54	10>	.53	3.29	1411	1>	1.72	77	2>	.058	14.3	60	1.02	.6	2	89
135	GB635	4736.000	1444.790	1>	3	10	41	406	50	10>	.10	3.88	1353	1>	2.57	77	2>	.062	11.2	77	1.32	.2>	2>	92
136	GB636	4736.040	1444.690	1>	1>	20	44	407	41	10>	.46	3.55	1217	1>	2.38	92	2>	.048	10.9	72	1.09	.2>	2>	89
137	GB637	4735.300	1443.970	1>	1>	60	34	472	18	10>	.42	2.60	1432	1>	2.08	91	2>	.063	18.5	134	2.55	.4	2>	63
138	GB638	4735.450	1444.030	1>	1>	18	59	667	418	14	.29	5.24	1249	1>	1.87	191	2>	.254	11.7	56	.95	.2	2>	130
139	GB639	4735.260	1444.480	1>	1>	11	46	1247	88	10	.17	5.81	1186	1>	1.88	276	2>	.116	21.0	57	1.09	.2>	2>	109
140	GB640	4735.320	1444.600	1>	1>	18	55	412	635	10>	.40	4.71	1379	2	1.77	142	2>	.494	18.1	53	.89	.2>	2>	149

Appendix 24

Distribution map of elements in Area B

Soil



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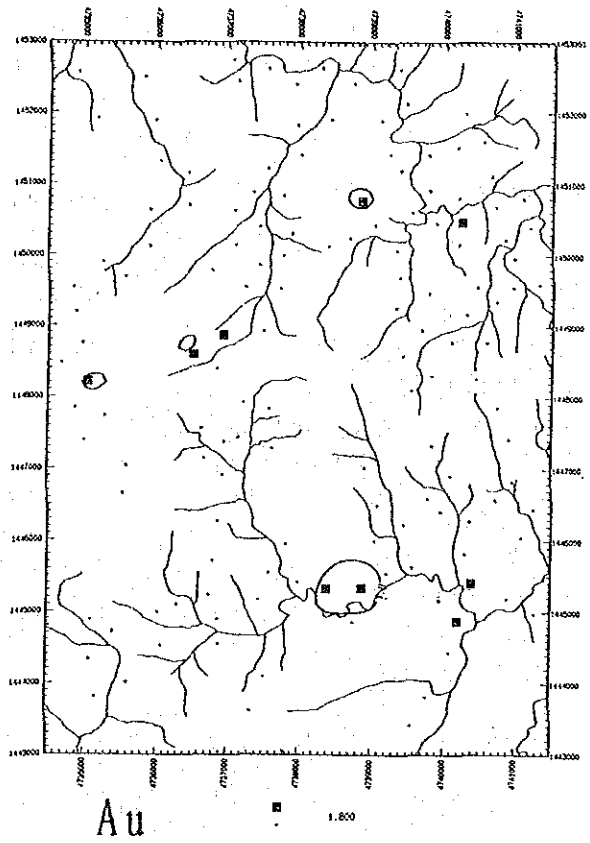

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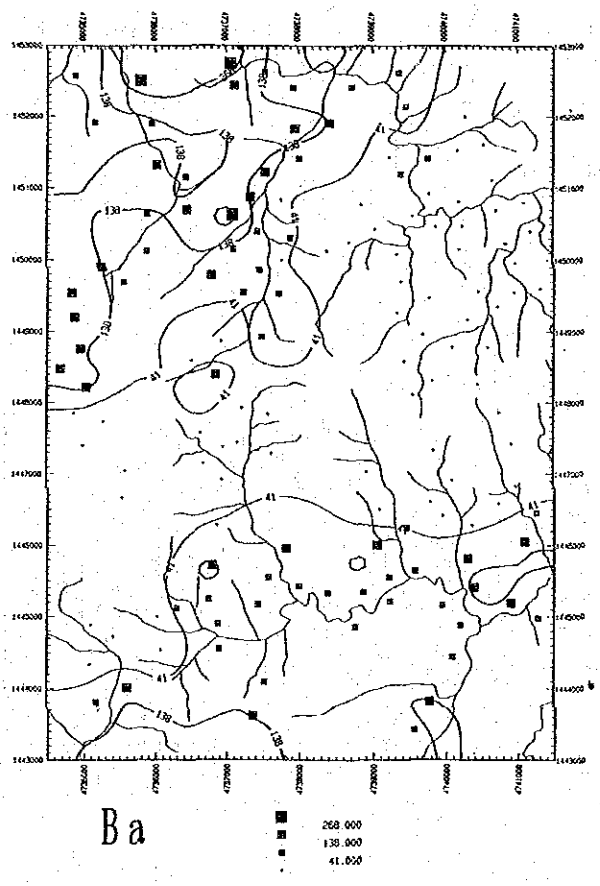

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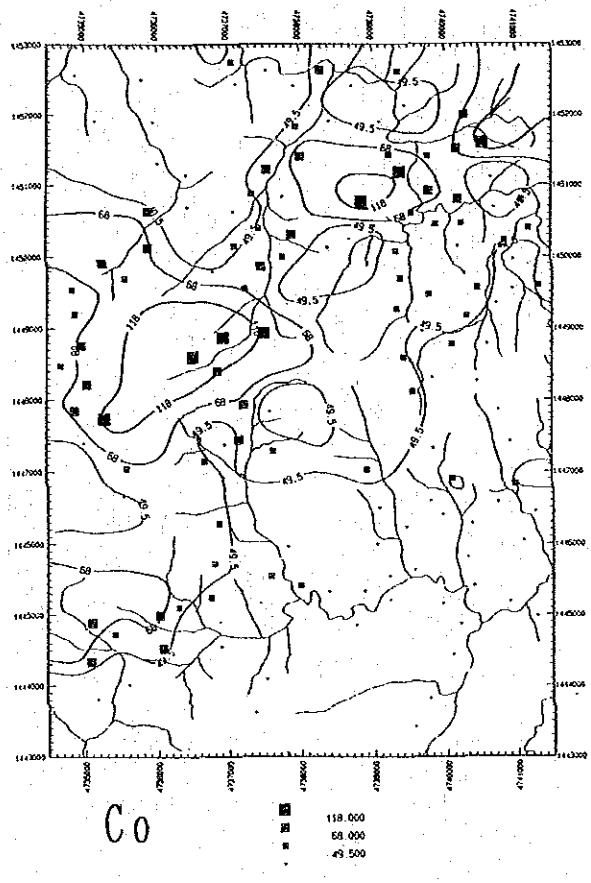
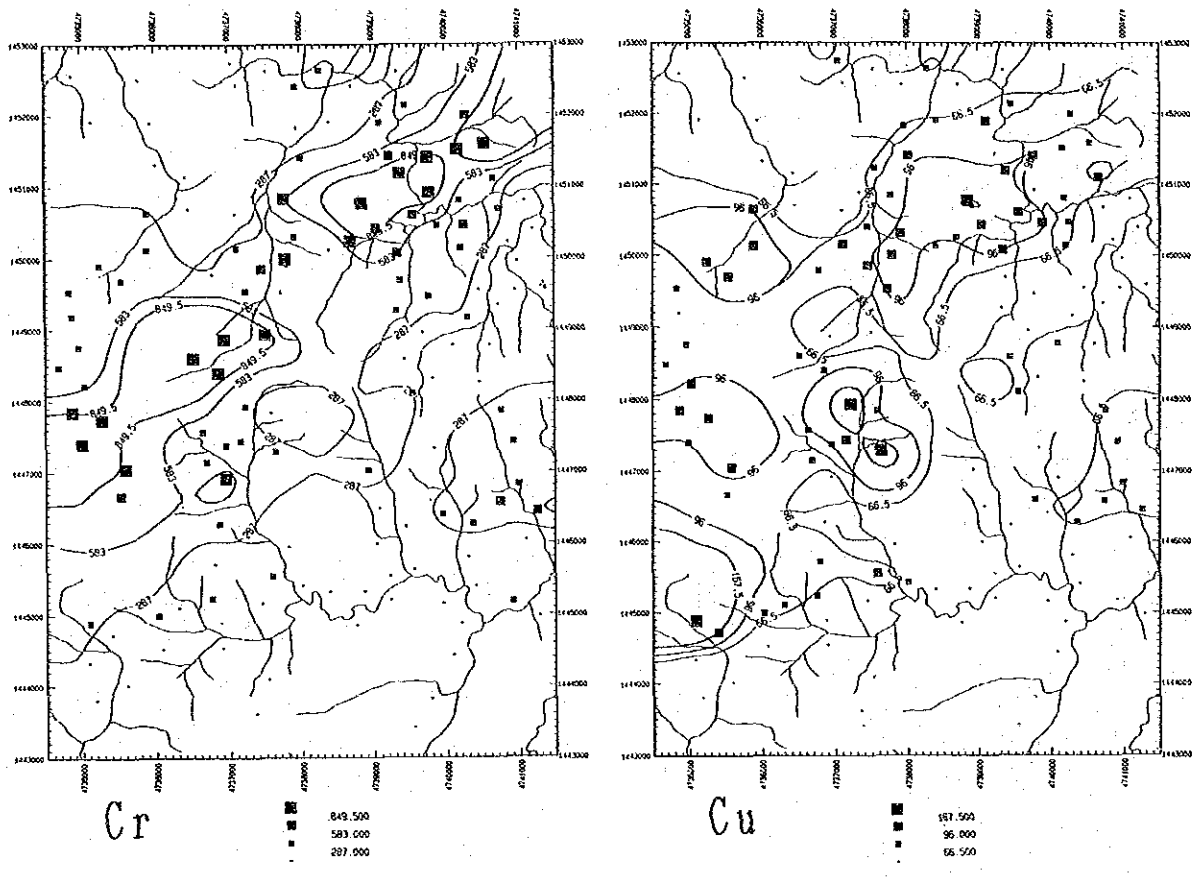
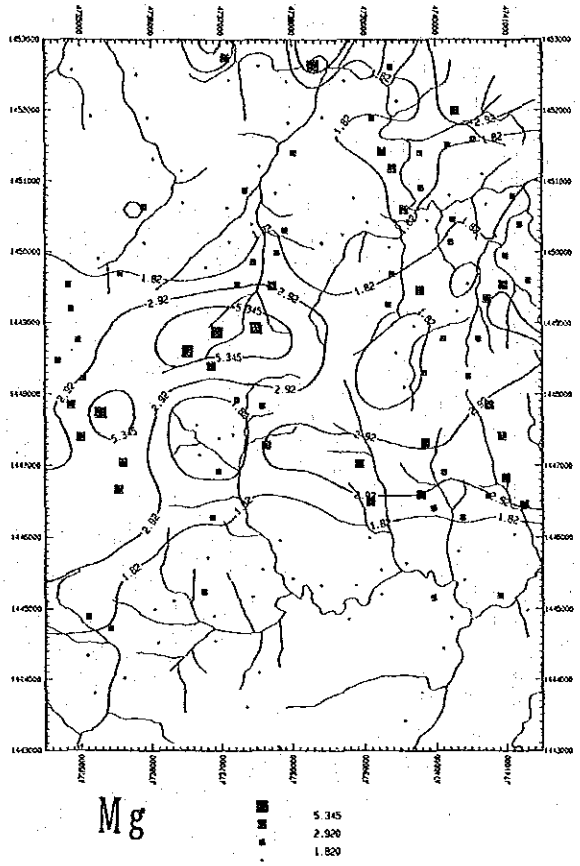


Co

Soil


Cr
849.500
583.000
287.000
Cu
167.500
96.000
66.500
Hg
94.000
56.000
37.000
K
1.520
.790
.105

Soil


Mg
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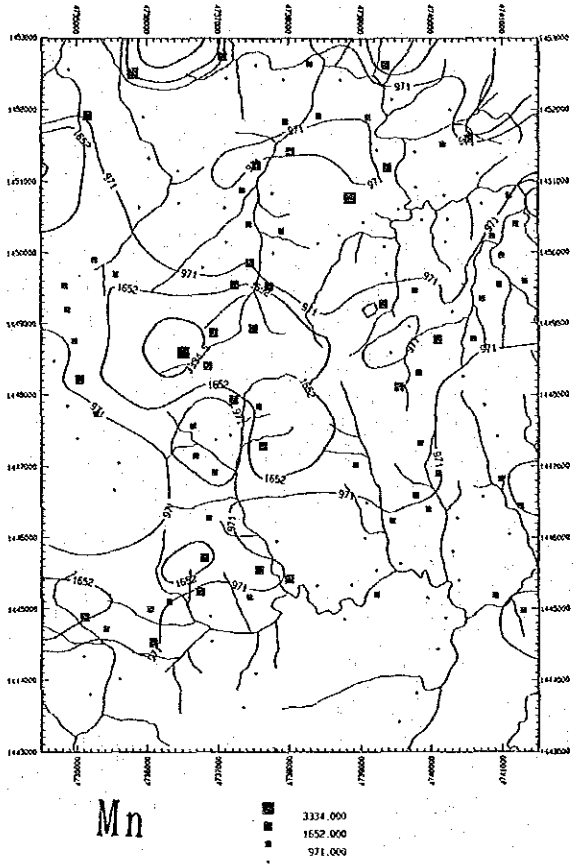
1.820


Mn
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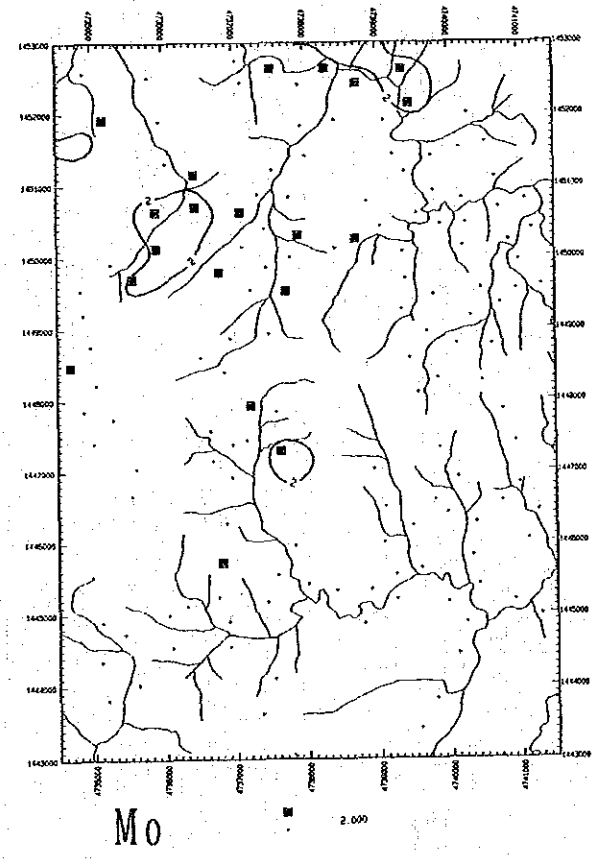
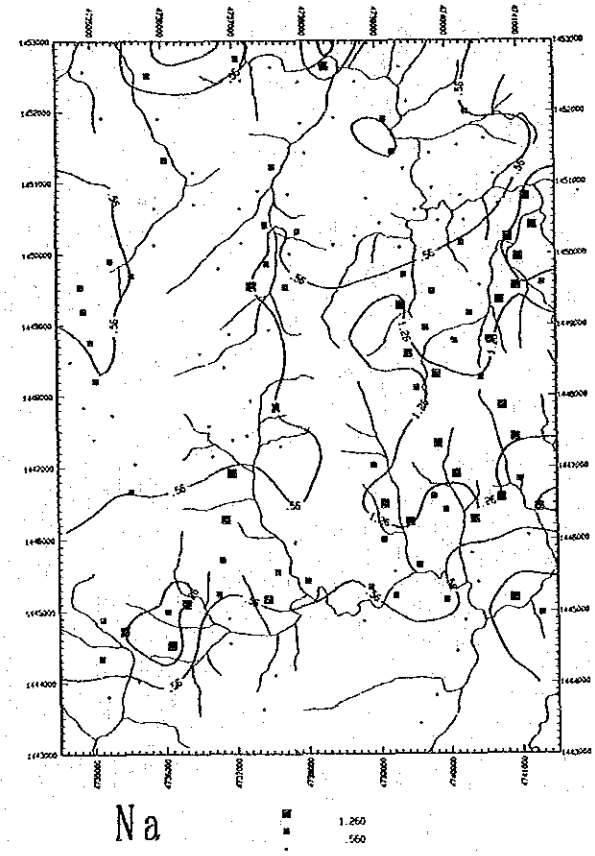
1652.000
971.000


Mo
2.000


Na
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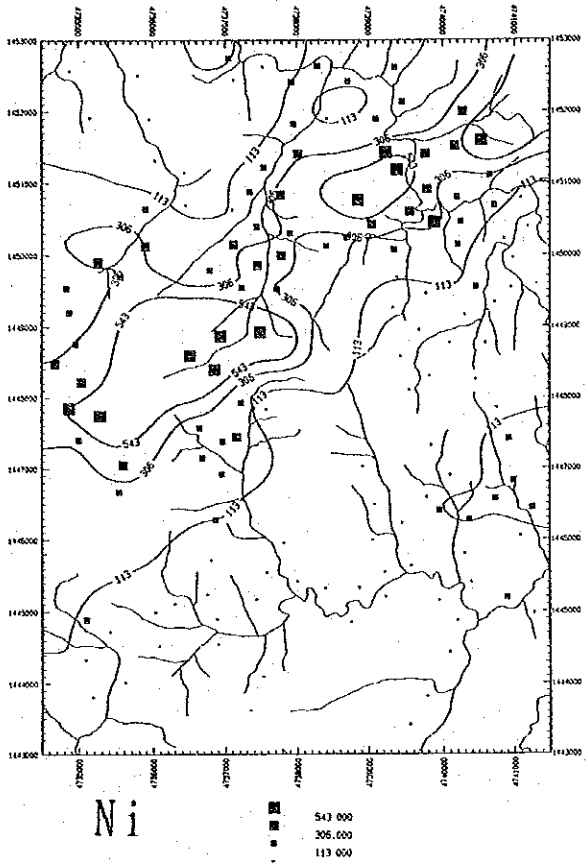
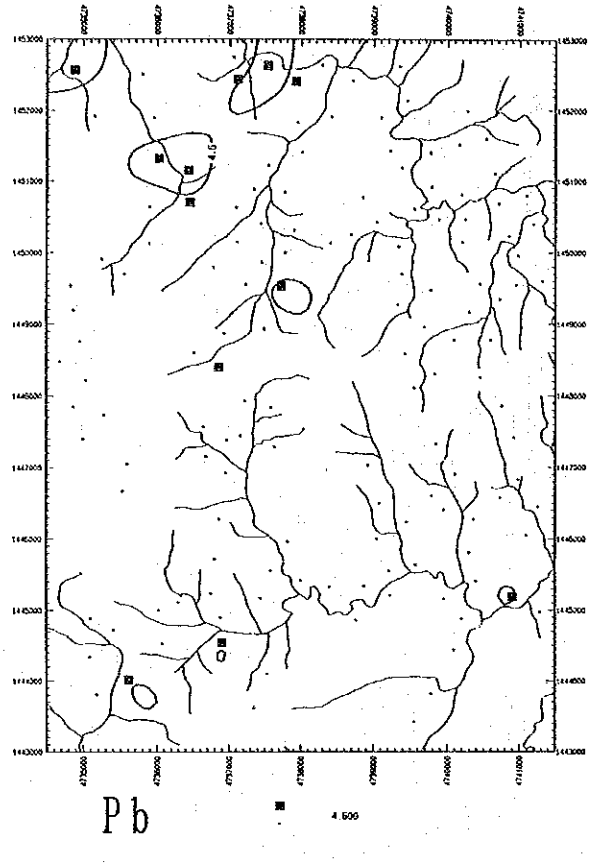
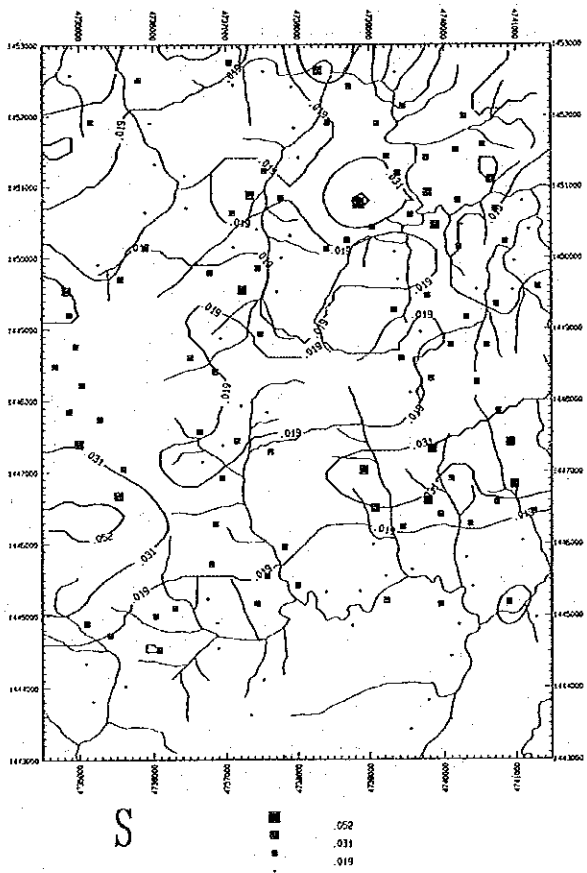
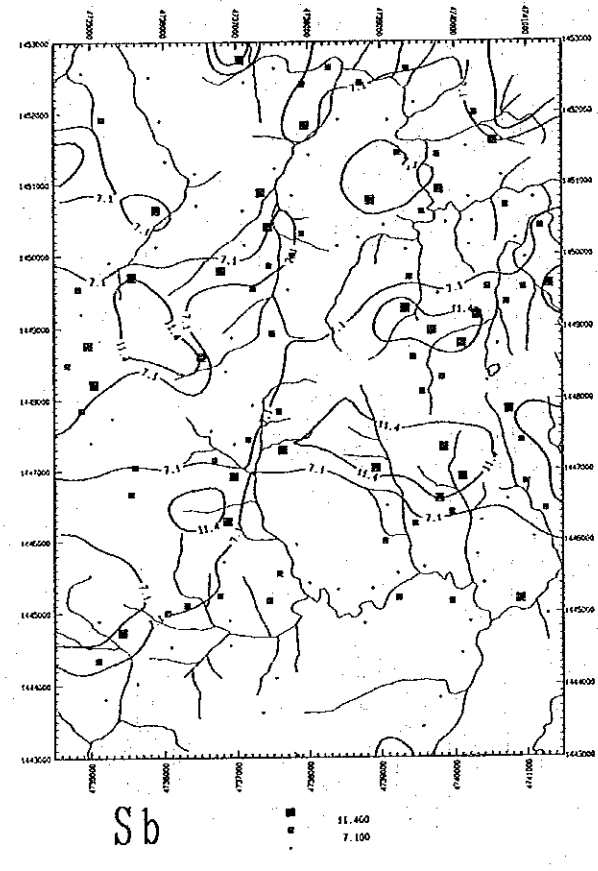
Soil









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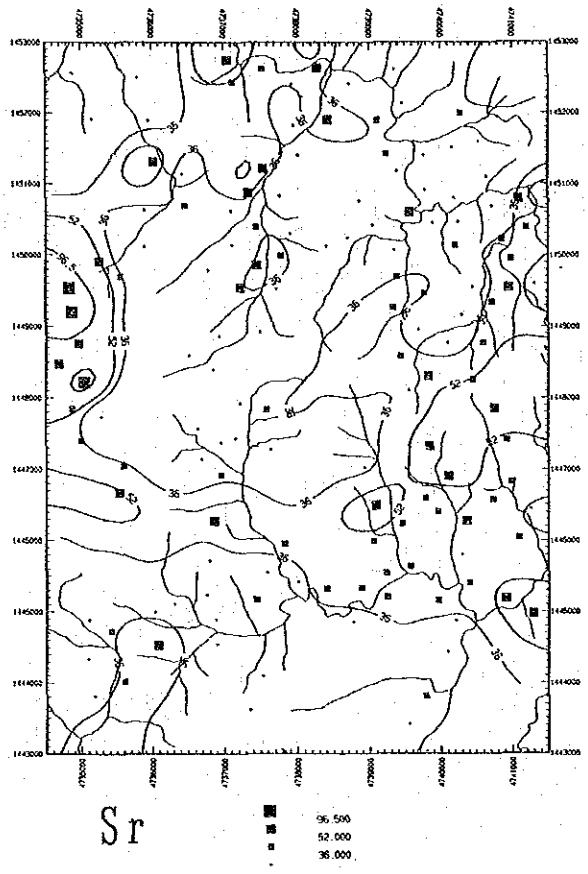
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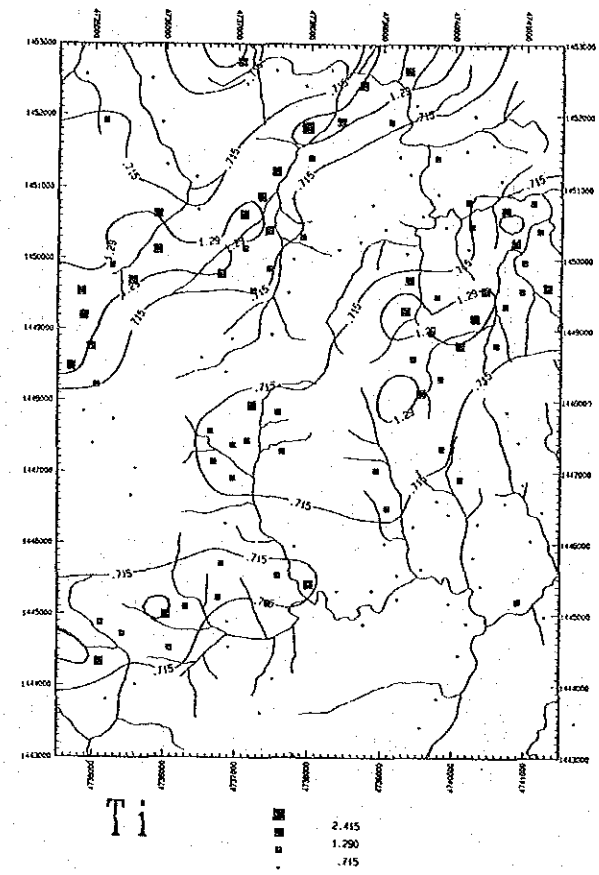
36.000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1.290
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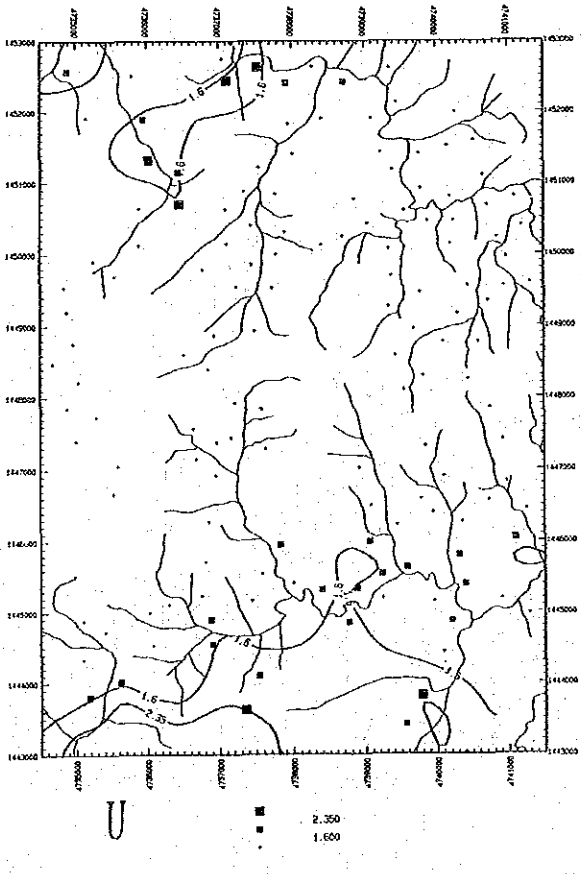
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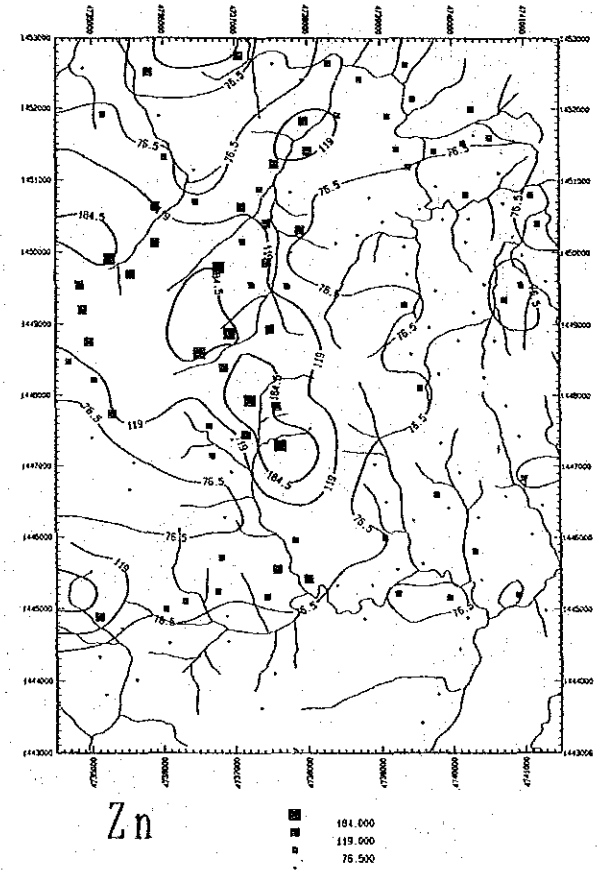
1.600


Zn
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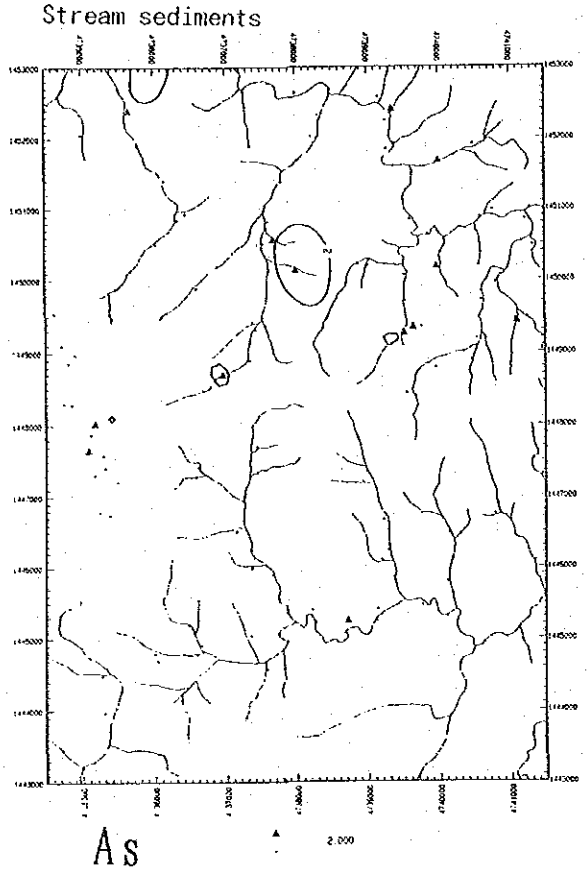
76.500

Stream sediments



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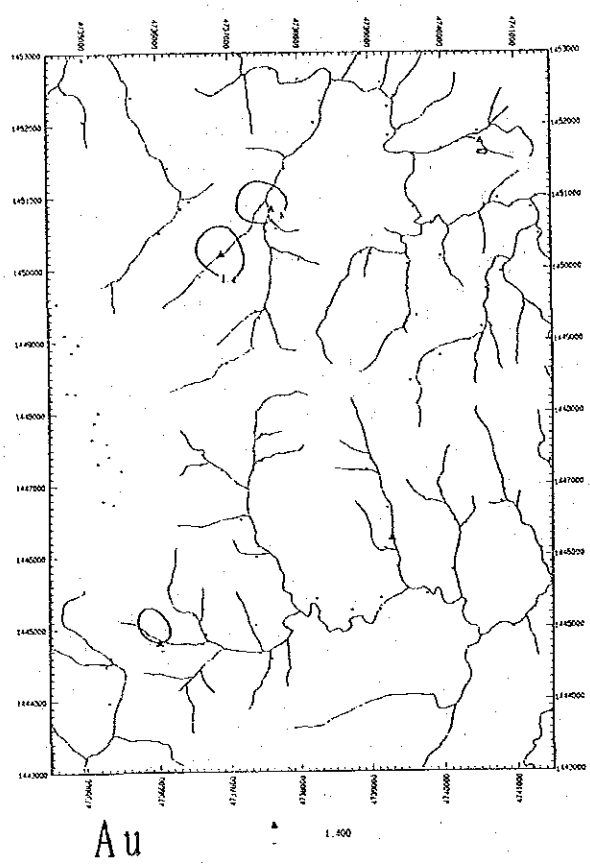

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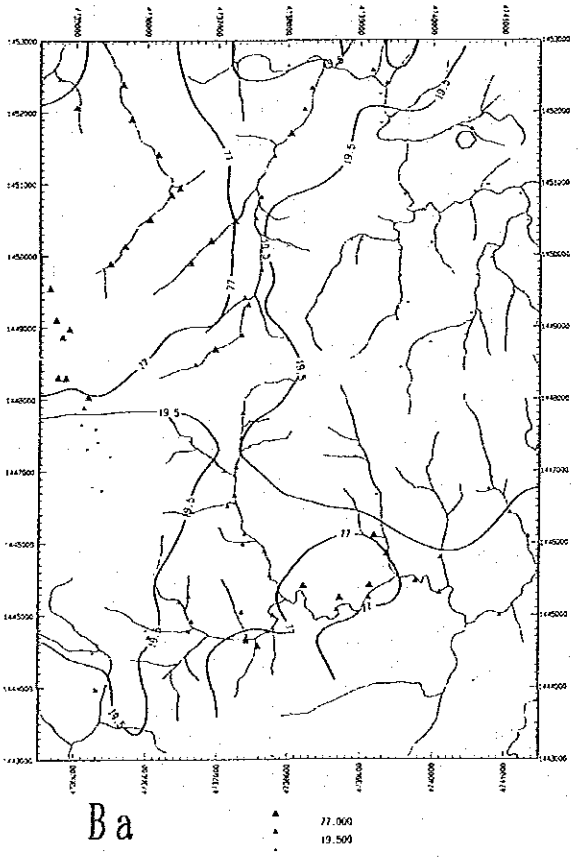

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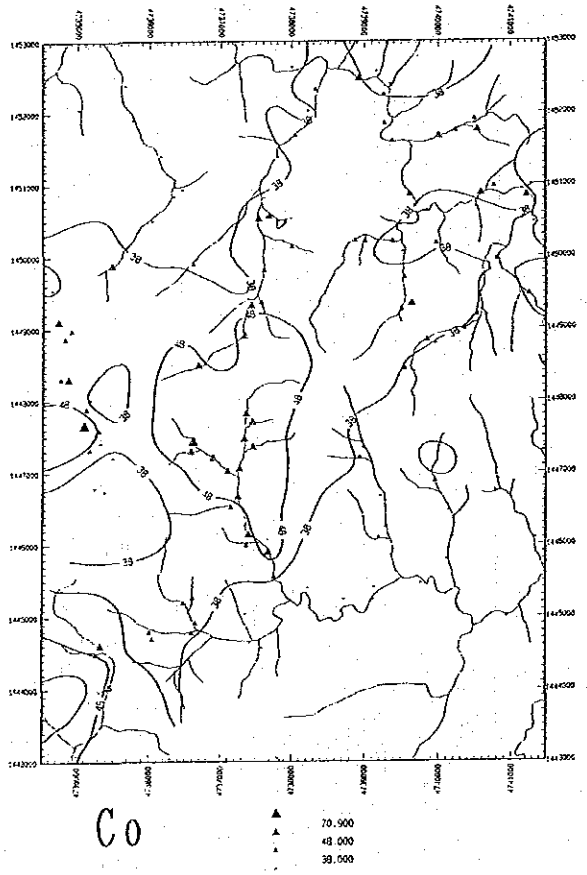

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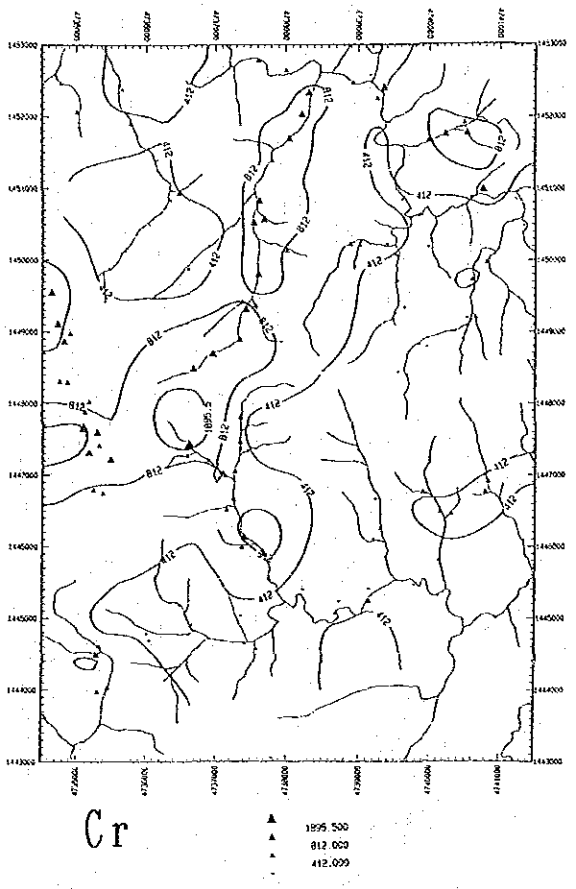
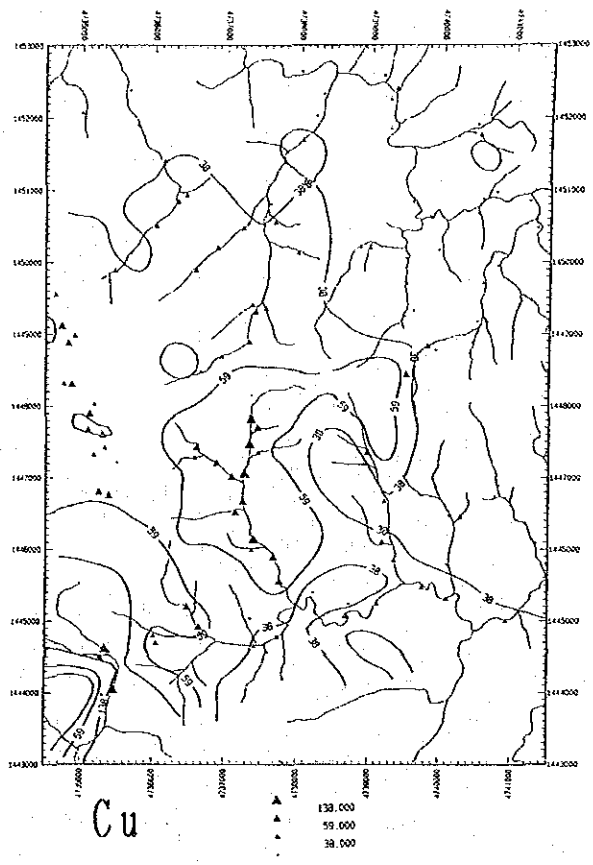
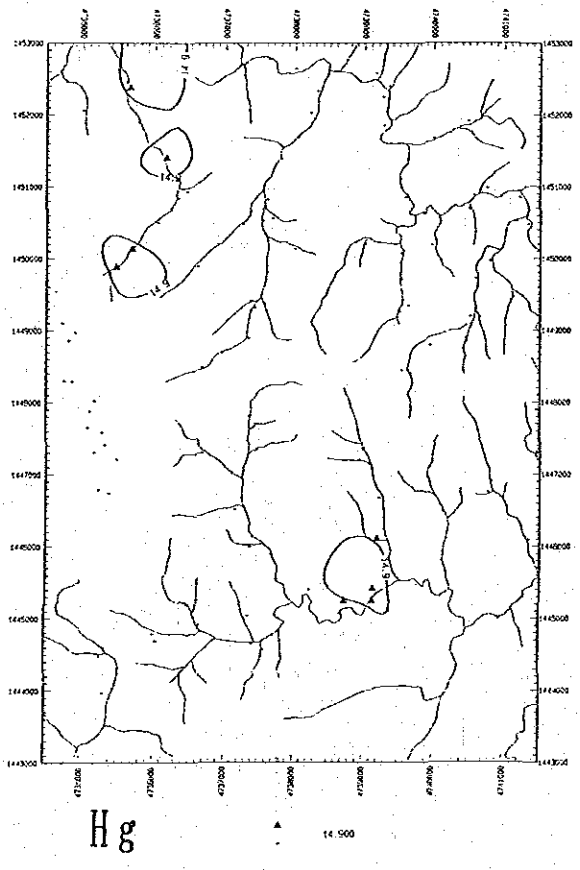
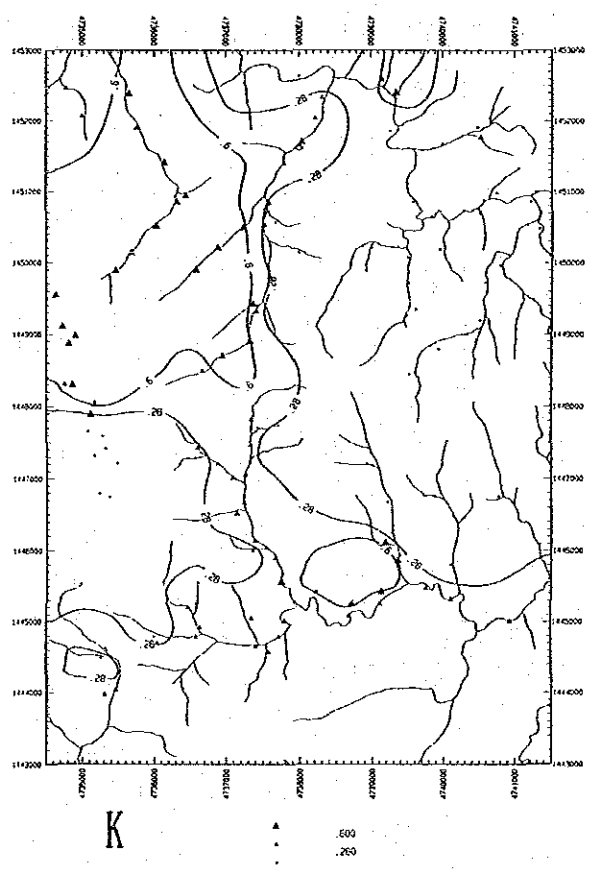
Stream sediments

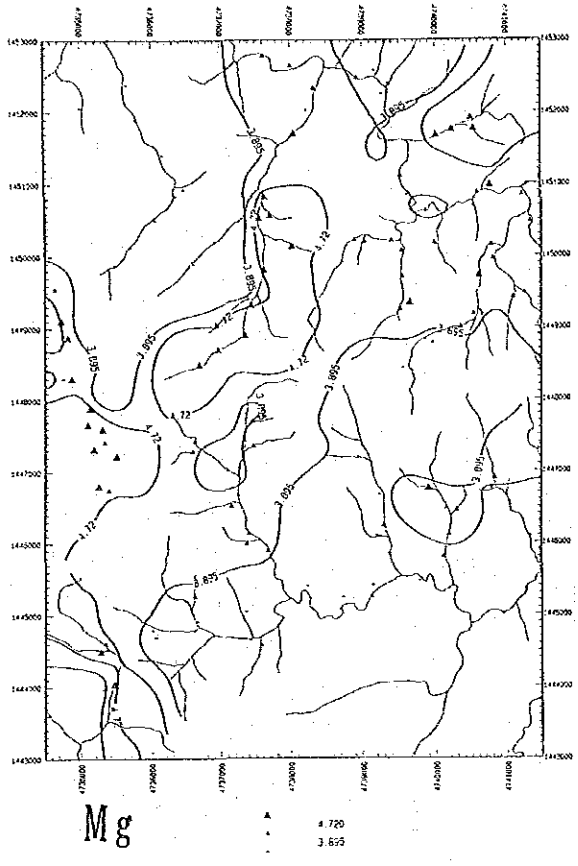


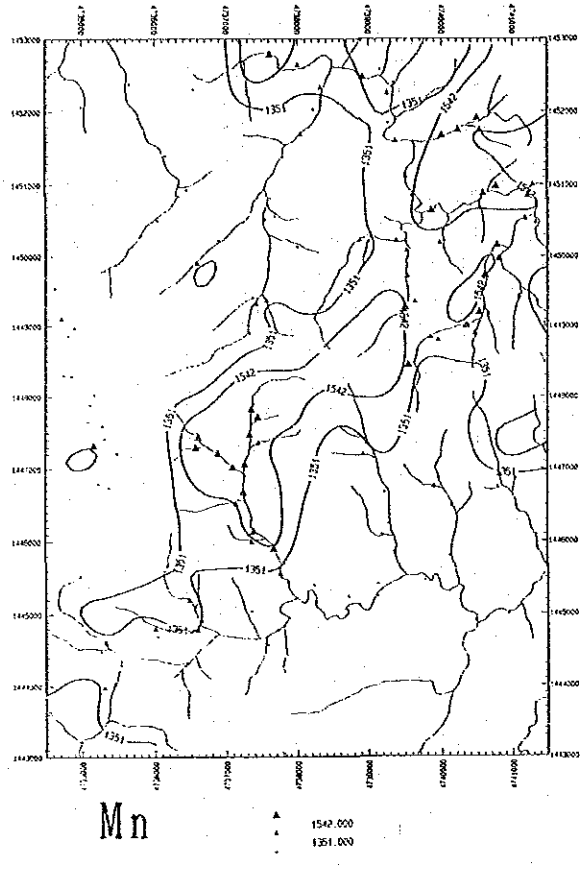


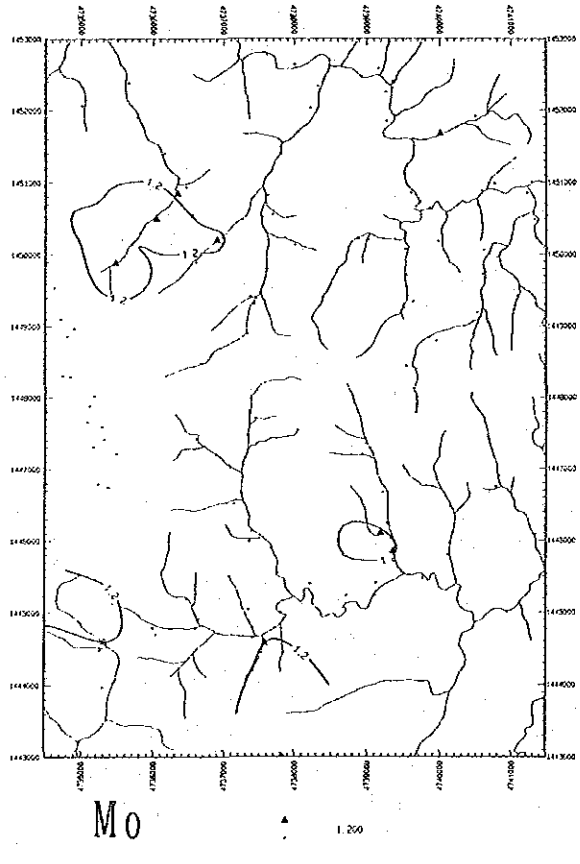


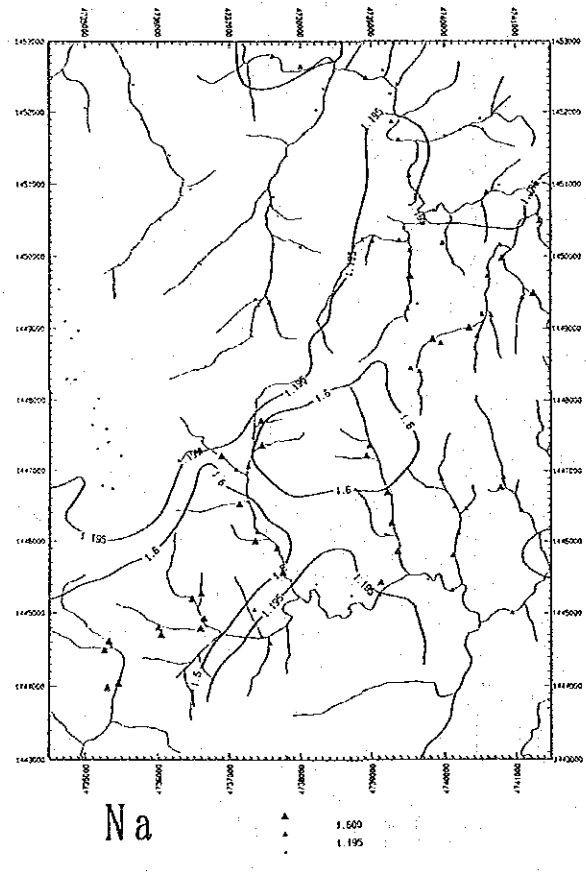


Stream sediments

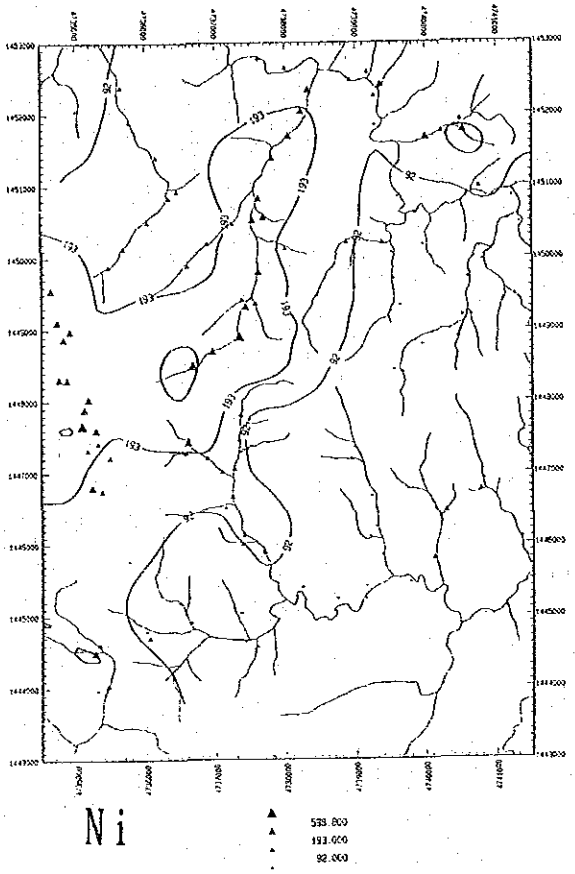


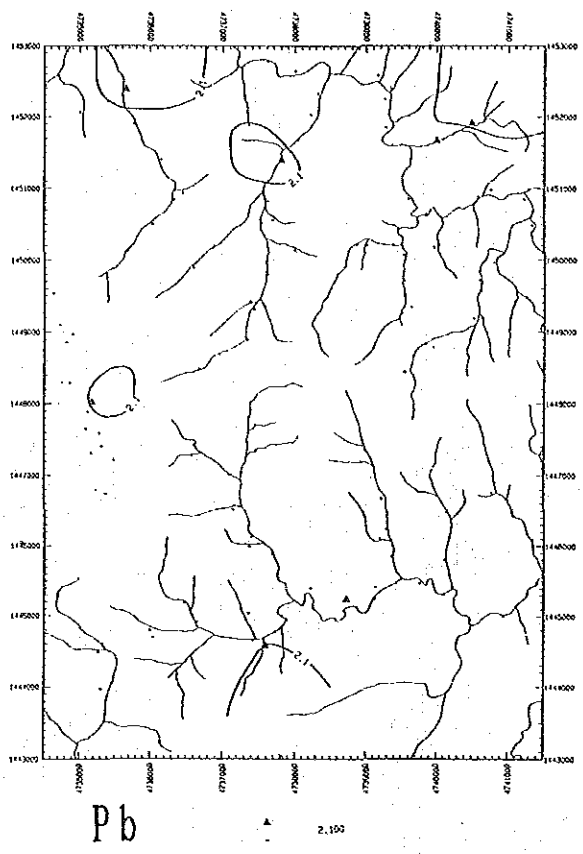


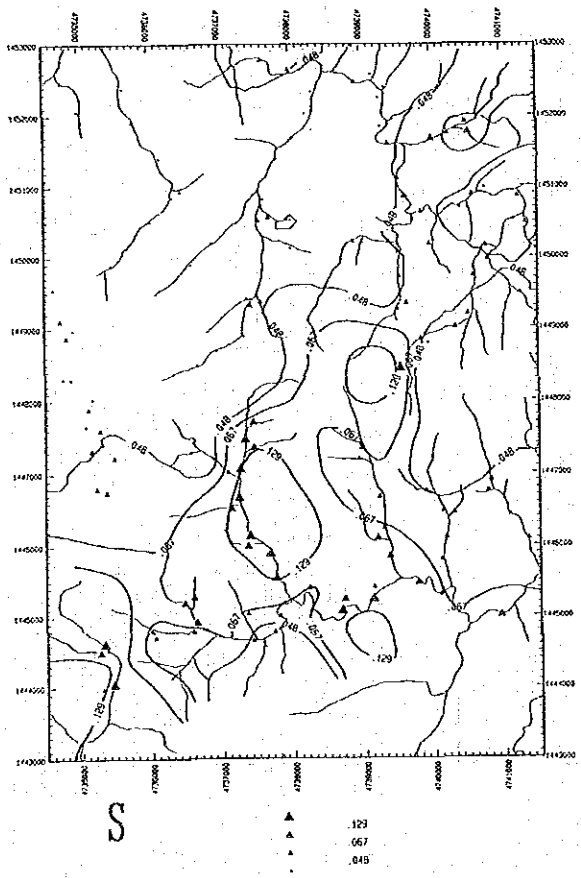


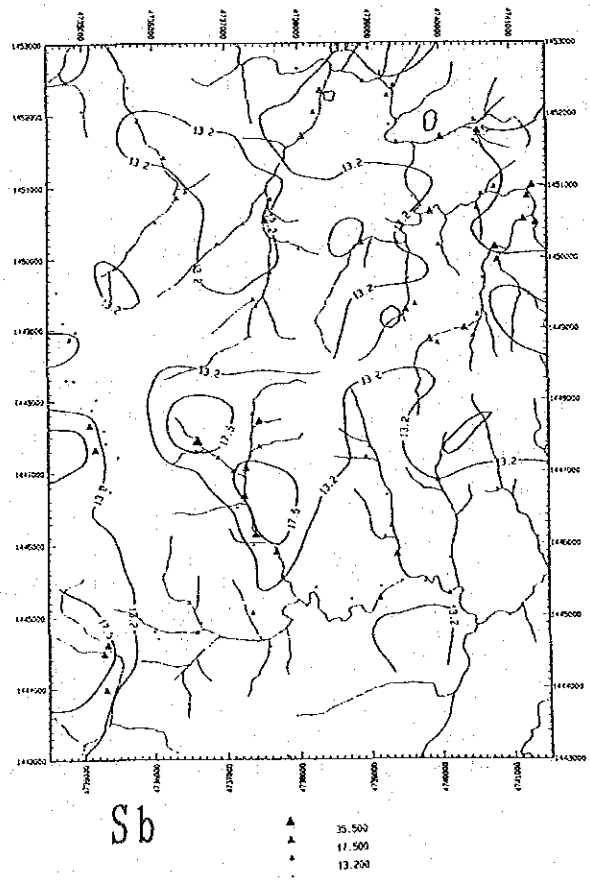


Stream sediments

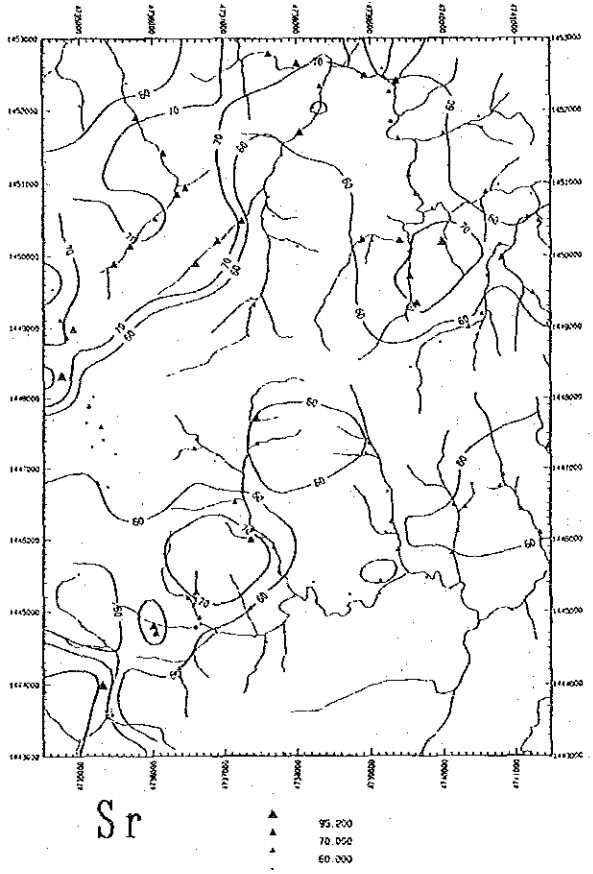


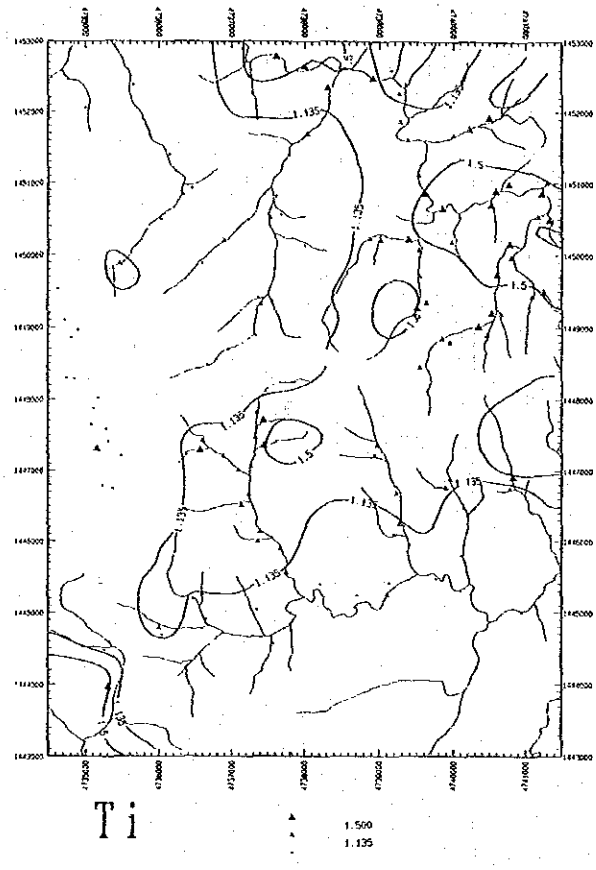


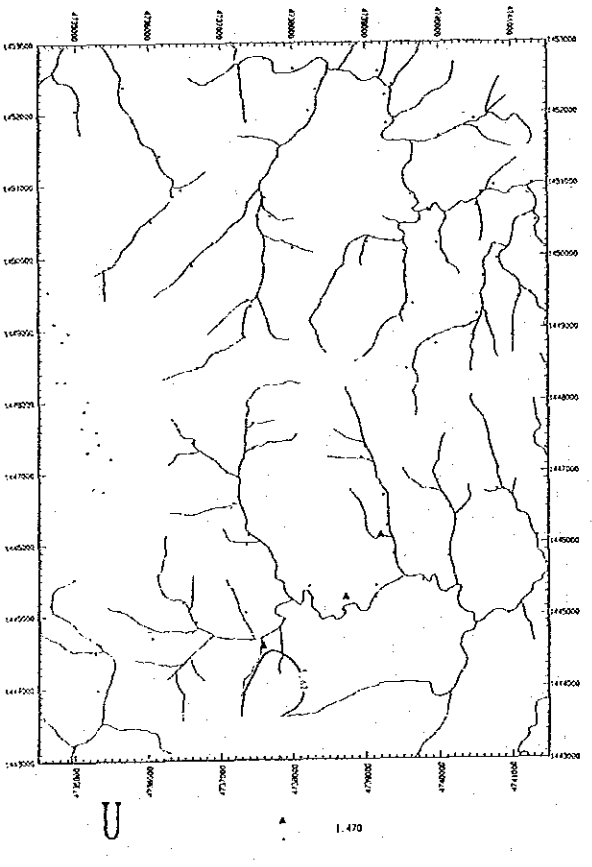


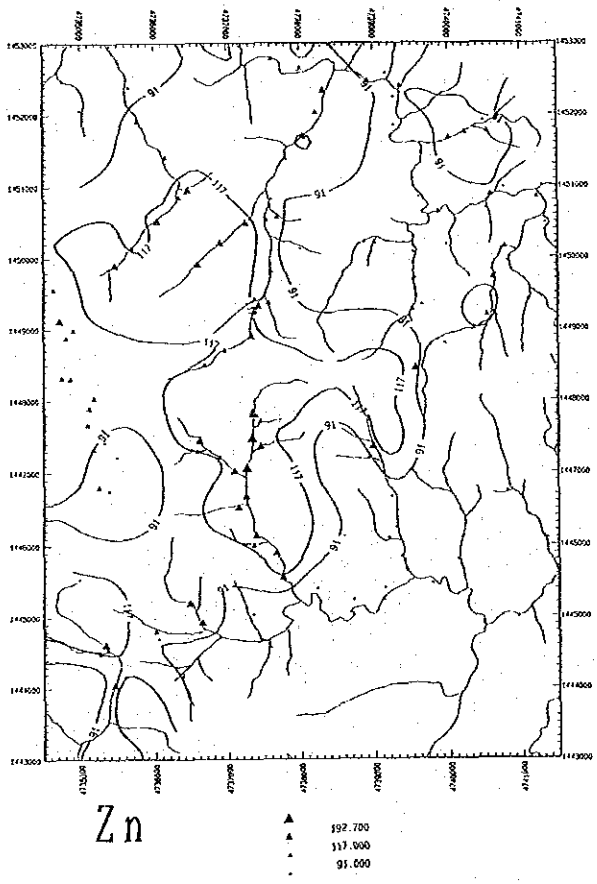


Stream sediments









Appendix 25

List of soil geochemical samples
in Area C

Area: Upper Segama Area (Area C)

Ser. No.	Sample No.	Coordinates N	Coordinates E	1/50,000 Topo. Sheet	Rock of Basement	Geol. Unit	Depth (cm)	Color	G. *1	S. *2	T. *3	H. *4	Vegitation
1	GC001	1434.55	4752.30	Ulu Segama	serpentinite	Pr	30	B.G.	R	S	S	W	Primary forest
2	GC002	1434.18	4752.53	Ulu Segama	amph./serp.	Pr	30	L.B.G.	F	C	S	W	Primary forest
3	GC003	1434.30	4752.22	Ulu Segama	amph./serp.	Pr	30	L.G.B.	M	C	S	W	Primary forest
4	GC004	1434.57	4752.78	Ulu Segama	amph./serp.	Pr	30	B.	F	S	S	W	Primary forest
5	GC005	1433.78	4752.25	Ulu Segama	green schist	Gs	30	L.B.	R	C	S	W	Primary forest
6	GC006	1433.82	4751.78	Ulu Segama	—	Pr	30	B.G.	F	C	S	W	Primary forest
7	GC007	1433.67	4752.60	Ulu Segama	green schist	Gs	30	B.G.	M	C	S	W	Primary forest
8	GC008	1433.38	4752.35	Ulu Segama	green schist	Gs	30	B.	R	S	S	W	Primary forest
9	GC009	1433.31	4752.06	Ulu Segama	green schist	Gs	30	L.B.	F	C	S	W	Primary forest
10	GC010	1433.33	4752.55	Ulu Segama	sandstone	P_4Km	30	G.B.	F	S	S	W	Primary forest
11	GC011	1433.36	4752.98	Ulu Segama	sandstone	P_4Km	30	B.	F	C	M	W	Primary forest
12	GC012	1433.02	4752.89	Ulu Segama	sandstone	P_4Km	30	D.B.	R	C	M	W	Primary forest
13	GC013	1432.70	4753.32	Ulu Segama	sandstone	P_4Km	30	B.G.	F	C	M	W	Primary forest
14	GC014	1432.45	4753.13	Ulu Segama	sandstone	P_4Km	30	B.	F	C	M	W	Primary forest
15	GC015	1432.08	4752.97	Ulu Segama	sandstone	P_4Km	30	B.	R	C	M	W	Primary forest
16	GC016	1432.00	4753.58	Ulu Segama	basaltic tuff	P_4Km	30	R.B.	R	S	M	W	Primary forest
17	GC017	1431.48	4753.10	Ulu Segama	basaltic tuff	P_4Km	30	R.B.	R	C	S	W	Primary forest
18	GC018	1434.87	4751.87	Ulu Segama	serpentinite	Pr	30	B.	R	C	S	W	Primary forest
19	GC019	1434.57	4751.43	Ulu Segama	—	Pr	30	L.B.	M	S	S	W	Primary forest
20	GC020	1434.85	4751.18	Ulu Segama	serpentinite	Pr	30	B.	F	C	S	W	Primary forest
21	GC021	1434.83	4750.70	Ulu Segama	serpentinite	Pr	30	G.	M	S	S	W	Primary forest
22	GC022	1434.39	4750.70	Ulu Segama	serpentinite	Pr	30	L.B.	R	C	S	W	Primary forest
23	GC023	1434.21	4750.43	Ulu Segama	serpentinite	Pr	30	B.	R	C	S	W	Primary forest
24	GC024	1433.80	4750.72	Ulu Segama	serpentinite	Pr	30	L.G.	F	C	S	W	Primary forest
25	GC025	1433.62	4750.47	Ulu Segama	serpentinite	Pr	30	B.	R	C	S	W	Primary forest
26	GC026	1433.32	4750.65	Ulu Segama	serpentinite	Pr	30	B.	F	C	S	W	Primary forest
27	GC027	1433.12	4750.15	Ulu Segama	serpentinite	Pr	30	B.	F	C	S	W	Primary forest
28	GC028	1434.12	4750.20	Ulu Segama	serpentinite	Pr	30	B.	F	C	S	W	Primary forest
29	GC029	1434.07	4749.85	Ulu Segama	serpentinite	Pr	30	L.B.	R	C	S	W	Primary forest
30	GC030	1433.43	4750.18	Ulu Segama	serpentinite	Pr	30	B.	F	S	S	W	Primary forest

*1Gravel: Many (M), Few (F), Rare or none (R)
*2Grain size: Sandy (S), Clayey (C)
*3Topography: Steep (S), Moderate (M), Flat (F)
*4Humidity: Dry (D), Wet (W)

Area: Upper Segama Area (Area C)

Ser. No.	Sample No.	Coordinates N	Coordinates E	1/50,000 Topo. Sheet	Rock of Basement	Geol. Unit	Depth (cm)	Color	G. *1	S. *2	T. *3	H. *4	Vegitation
31	GC031	1433.69	4749.88	Ulu Segama	serpentinite	Pr	30	B.	F	S	S	W	Primary forest
32	GC032	1433.60	4749.45	Ulu Segama	green schist	Gs	30	L.B.	R	C	S	W	Primary forest
33	GC033	1433.98	4749.38	Ulu Segama	green schist	Gs	30	G.B.	R	C	S	W	Primary forest
34	GC034	1434.04	4748.85	Ulu Segama	green schist	Gs	30	B.	F	S	S	W	Primary forest
35	GC035	1434.33	4748.42	Ulu Segama	green schist	Gs	30	B.G.	F	C	S	W	Primary forest
36	GC036	1434.15	4748.00	Ulu Segama	green schist	Gs	30	B.G.	F	S	S	W	Primary forest
37	GC037	1434.67	4747.48	Ulu Segama	green schist	Gs	30	B.G.	R	C	S	W	Primary forest
38	GC038	1434.32	4747.32	Ulu Segama	green schist	Gs	30	B.	R	C	S	W	Primary forest
39	GC039	1434.52	4746.75	Ulu Segama	—	Gs	30	L.B.G.	F	C	S	W	Primary forest
40	GC040	1434.22	4746.43	Ulu Segama	—	Gs	30	L.B.	M	C	S	W	Primary forest
41	GC041	1433.25	4749.74	Ulu Segama	—	Gs	30	B.	F	S	S	W	Primary forest
42	GC042	1433.39	4749.12	Ulu Segama	s.s./sh.	Ps	30	Blu.G.	M	C	S	W	Primary forest
43	GC043	1433.15	4748.58	Ulu Segama	—	Gs	30	B.	R	C	S	W	Primary forest
44	GC044	1433.43	4748.17	Ulu Segama	—	Gs	30	L.B.G.	F	C	S	W	Primary forest
45	GC045	1432.95	4749.35	Ulu Segama	s.s./sh.	Ps	30	B.	R	C	S	W	Primary forest
46	GC046	1432.52	4749.53	Ulu Segama	amph./schist	Gs	30	B.	R	S	S	W	Primary forest
47	GC047	1431.96	4749.40	Ulu Segama	tonalite	I_1	30	B.	F	S	S	W	Primary forest
48	GC048	1432.13	4749.76	Ulu Segama	tonalite	I_1	30	B.	F	C	S	W	Primary forest
49	GC049	1431.65	4749.87	Ulu Segama		Csba	30	B.	M	C	S	W	Primary forest
50	GC050	1431.97	4750.22	Ulu Segama	dolerite	Csba	30	L.B.	F	C	S	W	Primary forest
51	GC051	1432.18	4749.04	Ulu Segama	tonalite	I_1	30	L.B.	F	S	S	W	Primary forest
52	GC052	1431.78	4749.00	Ulu Segama	amph./schist	Gs	30	B.	F	C	S	W	Primary forest
53	GC053	1431.68	4748.52	Ulu Segama	—	Pr	30	B.	R	C	S	W	Primary forest
54	GC054	1431.18	4748.92	Ulu Segama	—	P_4Km	30	R.B.	R	C	S	W	Primary forest
55	GC055	1430.78	4749.00	Ulu Segama	—	P_4Km	30	B.	R	C	S	W	Primary forest
56	GC056	1430.71	4748.53	Ulu Segama	—	P_4Km	20	B.G.	R	C	S	W	Primary forest
57	GC057	1431.13	4748.47	Ulu Segama	—	Csba	30	B.	R	C	S	W	Primary forest
58	GC058	1432.17	4748.55	Ulu Segama	serpentinite	Pr	30	B.	R	S	S	W	Primary forest
59	GC059	1431.86	4748.18	Ulu Segama	serpentinite	Pr	30	R.B.	F	C	S	W	Primary forest
60	GC060	1432.35	4748.10	Ulu Segama	serpentinite	Pr	30	L.B.	R	C	S	W	Primary forest

*1Gravel: Many (M), Few (F), Rare or none (R)
*2Grain size: Sandy (S), Clayey (C)
*3Topography: Steep (S), Moderate (M), Flat (F)
*4Humidity: Dry (D), Wet (W)

Area: Upper Segama Area (Area C)

Ser. No.	Sample No.	Coordinates N	Coordinates E	1/50,000 Topo. Sheet	Rock of Basement	Geol. Unit	Depth (cm)	Color	G. *1	S. *2	T. *3	H. *4	Vegitation
61	GC061	1432.68	4748.00	Ulu Segama	serpentinite	Pr	30	L.B.	M	C	S	W	Primary forest
62	GC062	1432.44	4747.60	Ulu Segama	serpentinite	Pr	30	D.B.	R	S	S	W	Primary forest
63	GC063	1432.08	4747.62	Ulu Segama	serpentinite	Pr	30	B.	F	C	S	W	Primary forest
64	GC064	1431.77	4747.40	Ulu Segama	serpentinite	Pr	30	D.B.	R	C	S	W	Primary forest
65	GC065	1431.46	4747.43	Ulu Segama	serpentinite	Pr	30	B.	F	C	S	W	Primary forest
66	GC066	1432.10	4746.97	Ulu Segama	serpentinite	Pr	30	B.G.	F	C	S	W	Primary forest
67	GC067	1432.49	4746.63	Ulu Segama	grn.sch./serp.	Gs	30	B.G.	R	C	S	W	Primary forest
68	GC068	1432.07	4746.32	Ulu Segama	amphibolite	Gs	30	D.B.	F	C	S	W	Primary forest
69	GC069	1432.34	4745.78	Ulu Segama	green schist	Gs	30	L.G.B.	F	S	S	W	Primary forest
70	GC070	1432.52	4746.16	Ulu Segama	green schist	Gs	30	B.	R	S	S	W	Primary forest
71	GC071	1432.98	4746.00	Ulu Segama	amphibolite	Gs	30	L.B.	R	C	M	W	Primary forest
72	GC072	1433.05	4746.47	Ulu Segama	schist	Gs	30	L.B.	R	C	M	W	Primary forest
73	GC073	1433.31	4746.12	Ulu Segama	schist	Gs	30	B.	R	C	M	W	Primary forest
74	GC074	1432.74	4745.72	Ulu Segama	green schist	Gs	30	B.	R	C	M	W	Primary forest
75	GC075	1433.22	4745.58	Ulu Segama	green schist	Gs	30	L.B.	F	S	S	W	Primary forest
76	GC076	1432.88	4745.03	Ulu Segama	green schist	Gs	30	B.	F	C	S	W	Primary forest
77	GC077	1433.13	4744.72	Ulu Segama	green schist	Gs	30	B.	F	S	S	W	Primary forest
78	GC078	1433.44	4745.10	Ulu Segama	green schist	Gs	30	B.	F	S	S	W	Primary forest
79	GC079	1433.60	4745.42	Ulu Segama	green schist	Gs	30	L.B.	F	S	S	W	Primary forest
80	GC080	1433.93	4745.27	Ulu Segama	green schist	Gs	30	L.B.G.	F	C	S	W	Primary forest
81	GC081	1434.49	4744.68	Ulu Segama	green schist	Gs	30	B	R	C	S	W	Primary forest
82	GC082	1433.88	4744.70	Ulu Segama	green schist	Gs	30	L.B.	F	C	M	W	Primary forest
83	GC083	1433.83	4744.27	Ulu Segama	green schist	Gs	40	G.B.	R	C	M	W	Primary forest
84	GC084	1434.25	4743.65	Ulu Segama	green schist	Gs	30	G.B.	F	S	M	W	Primary forest
85	GC085	1434.78	4743.34	Ulu Segama	green schist	Gs	20	D.B.	R	C	S	W	Primary forest
86	GC086	1434.62	4742.84	Ulu Segama	serpentinite	Pr	30	D.B.G.	R	C	S	W	Primary forest
87	GC087	1431.72	4745.90	Ulu Segama	green schist	Gs	30	B.	F	S	S	D	Primary forest
88	GC088	1431.40	4745.64	Ulu Segama	green schist	Gs	30	B.	R	S	S	D	Primary forest
89	GC089	1431.83	4745.23	Ulu Segama	green schist	Gs	30	L.R.B.	R	S	S	D	Primary forest
90	GC090	1431.75	4744.57	Ulu Segama	green schist	Gs	30	L.B.	F	S	S	D	Secondary forest

*1Gravel: Many (M), Few (F), Rare or none (R)
*2Grain size: Sandy (S), Clayey (C)
*3Topography: Steep (S), Moderate (M), Flat (F)
*4Humidity: Dry (D), Wet (W)

Area: Upper Segama Area (Area C)

Ser. No.	Sample No.	Coordinates N	Coordinates E	1/50,000 Topo. Sheet	Rock of Basement	Geol. Unit	Depth (cm)	Color	G. *1	S. *2	T. *3	H. *4	Vegitation
91	GC091	1431.20	4746.10	Ulu Segama	green schist	Gs	30	L.B.	R	S	S	W	Primary forest
92	GC092	1430.82	4745.95	Ulu Segama	green schist	Gs	30	L.B.	F	S	S	D	Primary forest
93	GC093	1430.74	4746.56	Ulu Segama	—	Gb	30	L.B.	F	S	S	W	Primary forest
94	GC094	1430.54	4746.13	Ulu Segama	green schist	Gs	30	L.B.	F	S	S	W	Primary forest
95	GC095	1430.29	4746.32	Ulu Segama	—	Pr	30	L.B.	F	S	S	D	Secondary forest
96	GC096	1430.20	4746.61	Ulu Segama	basalt	Csba	40	L.B.	R	S	M	W	Secondary forest
97	GC097	1430.00	4747.08	Ulu Segama	shale	P_4Km	30	B.	F	C	M	W	Secondary forest
98	GC098	1429.98	4747.40	Ulu Segama	sandstone	P_4Km	30	R.B.	R	C	M	W	Secondary forest
99	GC099	1430.40	4747.25	Ulu Segama	sandstone	P_4Km	40	L.B.	R	S	M	W	Secondary forest
100	GC100	1429.72	4746.50	Ulu Segama	—	P_4Km	30	L.B.	R	S	S	W	Primary forest
101	GC101	1429.58	4746.18	Ulu Segama	—	P_4Km	40	L.R.B.	R	S	S	W	Secondary forest
102	GC102	1429.21	4746.40	Ulu Segama	sandstone	P_4Km	30	L.R.B.	R	S	M	D	Secondary forest
103	GC103	1429.28	4746.88	Ulu Segama	sandstone	P_4Km	40	L.B.	M	C	M	W	Secondary forest
104	GC104	1428.63	4747.17	Ulu Segama	sandstone	P_4Km	40	B.	R	C	M	W	Secondary forest
105	GC105	1428.87	4747.69	Ulu Segama	sandstone	P_4Km	30	L.B.	R	S	M	D	Secondary forest
106	GC106	1428.55	4747.82	Ulu Segama	sandstone	P_4Km	30	B.	R	S	M	D	Secondary forest
107	GC107	1428.22	4747.25	Ulu Segama	sandstone	P_4Km	30	B.	R	C	M	W	Secondary forest
108	GC108	1429.98	4746.20	Ulu Segama	basalt	Csba	30	D.B.	F	C	M	W	Secondary forest
109	GC109	1430.23	4745.95	Ulu Segama	—	Csba	40	L.B.	F	S	M	W	Secondary forest
110	GC110	1430.09	4745.42	Ulu Segama	—	Csba	40	L.R.B.	R	C	S	W	Secondary forest
111	GC111	1430.44	4745.17	Ulu Segama	—	Gb	30	L.B.	M	C	M	W	Secondary forest
112	GC112	1429.59	4745.80	Ulu Segama	basalt	Csba	30	L.B.	F	C	M	W	Secondary forest
113	GC113	1429.31	4745.61	Ulu Segama	basalt	Csba	40	R.B.	R	C	M	W	Secondary forest
114	GC114	1428.87	4745.60	Ulu Segama	sandstone	P_4Km	40	L.B.	R	C	S	W	Secondary forest
115	GC115	1428.78	4746.05	Ulu Segama	basalt	P_4Km	40	D.R.B.	R	S	M	W	Primary forest
116	GC116	1429.55	4745.32	Ulu Segama	basalt	Csba	40	R.B.	F	S	M	W	Secondary forest
117	GC117	1428.66	4745.22	Ulu Segama	basalt	P_4Km	30	L.B.	F	S	M	W	Secondary forest
118	GC118	1429.10	4745.00	Ulu Segama	basalt	Csba	30	L.B.	F	S	M	W	Secondary forest
119	GC119	1429.41	4744.77	Ulu Segama	dolerite	Csba	30	L.B.	F	S	S	D	Primary forest
120	GC120	1429.35	4744.12	Ulu Segama	basalt	Csba	30	D.B.	M	C	S	W	Secondary forest

*1Gravel: Many (M), Few (F), Rare or none (R)
*2Grain size: Sandy (S), Clayey (C)
*3Topography: Steep (S), Moderate (M), Flat (F)
*4Humidity: Dry (D), Wet (W)

Area: Upper Segama Area (Area C)

Ser. No.	Sample No.	Coordinates N	Coordinates E	1/50,000 Topo. Sheet	Rock of Basement	Geol. Unit	Depth (cm)	Color	G. *1	S. *2	T. *3	H. *4	Vegitation
121	GC121	1429.76	4744.45	Ulu Segama	dolerite	Csba	30	L.B.	F	S	S	W	Primary forest
122	GC122	1430.06	4744.10	Ulu Segama	dolerite	Csba	40	R.B.	F	C	M	W	Primary forest
123	GC123	1430.36	4744.38	Ulu Segama	—	Csba	40	L.G.B.	F	S	M	W	Primary forest
124	GC124	1430.72	4744.05	Ulu Segama	dolerite	Csba	30	L.B.	R	C	M	W	Secondary forest
125	GC125	1429.75	4743.56	Ulu Segama	dolerite	Csba	40	D.R.B.	F	C	S	W	Secondary forest
126	GC126	1430.46	4743.74	Ulu Segama	basalt	Csba	40	L.B.	R	C	M	W	Secondary forest
127	GC127	1430.95	4743.59	Ulu Segama	—	Gb	30	L.B.	R	S	M	W	Secondary forest
128	GC128	1431.16	4743.97	Ulu Segama	—	Gb	30	L.Y.B.	F	C	M	W	Secondary forest
129	GC129	1430.36	4743.27	Ulu Segama	—	Gb	30	L.R.B.	F	C	M	W	Secondary forest
130	GC130	1430.85	4743.28	Ulu Segama	—	Gb	30	L.B.	R	C	M	W	Secondary forest
131	GC131	1430.21	4742.35	Ulu Segama	sandstone	P_4Km	40	L.B.	R	S	M	W	Secondary forest
132	GC132	1430.61	4742.69	Ulu Segama	sandstone	P_4Km	40	B.	F	S	M	W	Secondary forest
133	GC133	1430.95	4742.30	Ulu Segama	sheared w/py	P_4Km	30	B.	M	S	S	W	Primary forest
134	GC134	1431.38	4742.29	Ulu Segama	sandstone	P_4Km	30	L.G.B.	F	S	M	W	Primary forest
135	GC135	1428.71	4744.20	Ulu Segama	—	Csba	40	L.B.	M	C	M	W	Secondary forest
136	GC136	1428.88	4743.82	Ulu Segama	sandstone	P_4Km	40	L.R.B.	R	S	S	W	Secondary forest
137	GC137	1428.15	4743.33	Ulu Segama	sandstone	P_4Km	30	L.B.	R	S	M	W	Secondary forest
138	GC138	1428.55	4743.07	Ulu Segama	sandstone	P_4Km	30	L.B.	R	S	M	W	Secondary forest
139	GC139	1428.80	4742.63	Ulu Segama	sandstone	P_4Km	30	B.	R	S	F	W	Secondary forest
140	GC140	1428.55	4742.30	Ulu Segama	sandstone	P_4Km	30	L.R.B.	R	C	M	W	Secondary forest

*1Gravel: Many (M), Few (F), Rare or none (R)
*2Grain size: Sandy (S), Clayey (C)
*3Topography: Steep (S), Moderate (M), Flat (F)
*4Humidity: Dry (D), Wet (W)

Appendix 26

Analytical results of soil
geochemical samples in Area C

List of Geochemical Analysis(1)

Ser. No.	Sample No.	Location (km) X-coord	Location (km) Y-coord	As ppm	Au ppb	Ba ppm	Co ppm	Cr ppm	Cu ppm	Hg ppb	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	Pb ppm	S %	Sb ppm	Sr ppm	Ti %	U ppm	W ppm	Zn ppm
1	GC001	4752.300	1434.550	1>	1>	102	25	202	31	12	.38	1.76	671	1>	.95	106	2>	.022	13.9	82	.47	.8	2>	62
2	GC002	4752.530	1434.180	1>	1>	49	30	54	125	16	.36	1.56	983	1>	2.01	51	2>	.025	7.2	167	.54	.2	2>	118
3	GC003	4752.220	1434.300	1>	1>	56	34	317	57	10>	.27	3.80	787	1>	.87	157	2>	.029	11.8	92	.31	.6	2>	75
4	GC004	4752.780	1434.570	1>	1>	17	35	90	73	22	.05	2.48	790	1>	2.13	34	2>	.021	5.2	108	.55	.2	2>	94
5	GC005	4752.250	1433.780	1>	1	90	34	429	53	22	.30	3.16	941	1>	.78	277	2>	.021	10.3	83	.38	.4	2>	73
6	GC006	4751.780	1433.820	1>	1>	279	41	258	64	32	.80	3.11	1064	1>	1.60	155	2>	.030	9.8	152	.53	.6	2>	91
7	GC007	4752.600	1433.670	1>	1>	83	53	377	66	32	.07	4.05	1396	1>	1.36	111	2>	.035	8.2	113	.24	.2	2>	84
8	GC008	4752.350	1433.380	1>	1>	86	28	136	27	43	.28	.73	1082	1>	.55	51	2>	.012	5.5	32	.48	1.6	2>	49
9	GC009	4752.060	1433.310	1>	1>	156	22	84	42	39	1.04	.65	1208	1>	.43	47	5	.007	2.0	28	.49	2.0	2>	84
10	GC010	4752.550	1433.330	1>	1>	336	9	55	12	94	.31	.27	1185	1>	.37	26	2>	.020	.2>	40	.29	1.8	2>	39
11	GC011	4752.980	1433.360	1>	1>	64	12	153	25	36	.18	.36	129	1>	.14	48	2>	.007	5.2	13	.74	1.6	2>	43
12	GC012	4752.890	1433.020	1>	1>	93	15	196	23	15	.40	.67	241	1>	.44	71	2>	.008	4.8	30	.40	1.6	2>	43
13	GC013	4753.320	1432.700	1>	1>	97	23	247	40	28	.44	.67	272	1>	.63	107	2>	.009	2.3	38	.47	1.4	2>	62
14	GC014	4753.130	1432.450	1>	1>	89	12	162	18	19	.38	.42	5>	1>	.19	60	2>	.012	3.7	26	.36	1.8	2>	40
15	GC015	4752.970	1432.080	1>	2	131	4	160	17	41	.92	.41	14	1>	.17	66	2>	.014	.7	34	.27	2.4	2>	45
16	GC016	4753.580	1432.000	1>	1>	104	34	286	38	26	.43	1.99	992	1>	1.16	164	2>	.025	6.8	48	.45	.8	2>	68
17	GC017	4753.100	1431.480	1>	7	86	7	131	23	39	.32	.41	5>	1	.18	43	2>	.012	.6	19	.36	1.6	2>	38
18	GC018	4751.870	1434.870	1>	1>	76	34	306	44	19	.29	2.26	794	1>	1.45	130	2>	.023	9.2	94	.52	1.0	2>	71
19	GC019	4751.430	1434.570	1>	18	58	29	319	41	15	.27	2.49	662	1>	1.09	114	2>	.022	2.5	89	.33	.6	2>	65
20	GC020	4751.180	1434.850	1>	14	100	26	292	176	25	.45	2.26	594	1>	1.16	126	2>	.043	4.9	87	.51	.8	2>	132
21	GC021	4750.700	1434.830	1>	18	67	24	303	47	20	.32	2.54	825	1>	1.23	111	2>	.023	8.7	117	.33	.6	2>	65
22	GC022	4750.700	1434.390	1>	1>	86	29	272	42	23	.25	2.19	943	1>	1.77	126	2>	.022	10.7	108	.57	.8	2>	79
23	GC023	4750.430	1434.210	1>	1>	82	33	333	50	14	.24	1.73	817	1>	1.33	155	2>	.018	6.2	87	.52	.8	2>	72
24	GC024	4750.720	1433.800	1>	5	61	26	200	75	10	.29	2.08	630	1>	1.89	65	2>	.025	15.2	165	.34	.2	2>	78
25	GC025	4750.470	1433.620	1>	1>	97	37	489	70	15	.27	2.03	985	1>	1.42	209	2>	.019	10.6	81	.61	.6	2>	82
26	GC026	4750.650	1433.320	1>	3	26	39	328	76	35	.18	3.11	913	1>	1.55	109	2>	.032	9.1	88	.28	.2	2>	80
27	GC027	4750.150	1433.120	1>	1	54	43	469	65	37	.20	3.88	917	1>	1.47	162	2>	.035	4.7	100	.26	.2>	2>	87
28	GC028	4750.200	1434.120	1>	1>	52	39	515	92	14	.21	3.71	1041	1>	1.23	294	2>	.026	5.4	125	.31	.2	2>	86
29	GC029	4749.850	1434.070	1>	2	49	37	528	62	36	.19	4.01	1061	1>	1.18	247	2>	.026	10.0	153	.29	.2	2>	81
30	GC030	4750.180	1433.430	1>	4	76	34	275	42	36	.27	1.96	922	1>	1.70	128	2>	.023	9.5	103	.62	.6	3	76
31	GC031	4749.880	1433.690	1>	1>	75	33	267	51	15	.31	2.31	836	1>	1.30	174	2>	.022	7.7	110	.52	.6	2>	83
32	GC032	4749.450	1433.600	1>	2	103	41	380	62	20	.34	2.80	608	1>	1.70	155	2>	.025	5.0	128	.41	.2	2>	80
33	GC033	4749.380	1433.980	1>	1>	203	49	2816	63	28	.52	3.58	1140	1>	1.11	882	2>	.032	16.5	135	.44	.6	2>	100
34	GC034	4748.850	1434.040	1>	1>	74	47	284	77	37	.29	2.63	923	1>	1.81	120	2>	.027	14.8	115	.36	.2	2>	75
35	GC035	4748.420	1434.330	1>	1	26	30	508	73	32	.14	4.15	878	1>	1.12	137	2>	.035	5.8	81	.18	.2	2>	78
36	GC036	4748.000	1434.150	1>	1>	49	38	640	79	43	.23	5.43	945	1>	1.26	183	2>	.043	2.8	95	.20	.2	2>	88
37	GC037	4747.480	1434.670	1>	1>	40	26	390	54	18	.18	3.16	632	1>	.77	118	2>	.029	5.5	67	.25	.4	2>	71
38	GC038	4747.320	1434.320	1>	41	234	26	218	73	34	.46	1.68	1074	1>	.84	84	2>	.018	4.9	99	.64	1.0	2>	80
39	GC039	4746.750	1434.520	1>	1>	364	22	372	48	42	.83	2.17	858	1>	1.16	175	2>	.030	9.3	136	.57	1.0	2>	80
40	GC040	4746.430	1434.220	1>	1>	165	29	177	73	18	.36	1.98	864	1>	1.71	69	2>	.021	11.5	154	.48	.6	2>	78
41	GC041	4749.740	1433.250	1>	1>	83	30	273	58	23	.28	1.94	952	1>	1.47	131	2>	.021	8.5	91	.58	.6	2>	76
42	GC042	4749.120	1433.390	1>	1>	38	37	307	70	10>	.29	3.87	927	1>	2.13	95	2>	.034	5.5	198	.21	.2	2>	86
43	GC043	4748.580	1433.150	2	1>	50	37	374	74	29	.25	3.21	996	1>	1.36	103	2>	.029	10.6	133	.25	.2	2>	74
44	GC044	4748.170	1433.430	1>	2	30	33	338	62	22	.22	3.37	783	1>	1.84	91	2>	.035	8.5	131	.21	.2	2>	72
45	GC045	4749.350	1432.950	1>	1>	65	27	305	48	26	.22	1.73	677	1>	1.20	134	2>	.019	5.9	78	.45	.6	2>	67
46	GC046	4749.530	1432.520	1>	1>	216	41	290	54	42	.35	2.06	2010	1>	.85	214	2>	.018	6.6	81	.86	1.0	2>	98
47	GC047	4749.400	1431.960	1>	1	34	27	89	93	36	.04	1.13	873	1>	1.11	62	2>	.016	4.5	79	.38	.2	2>	70
48	GC048	4749.760	1432.130	1>	1>	66	28	169	63	80	.05	1.10	1069	1>	1.43	70	2>	.035	3.1	162	.78	.4	2>	68
49	GC049	4749.870	1431.650	1>	2	124	39	319	145	46	.21	2.46	1511	1>	1.37	149	2>	.036	10.6	173	.60	.4	2>	88
50	GC050	4750.220	1431.970	1>	3	107	33	172	76	134	.27	1.90	1481	1>	1.70	75	2>	.037	10.2	223	.68	.2	2>	97

List of Geochemical Analysis(2)

Ser. No.	Sample No.	Location (km) X-coord	Location (km) Y-coord	As ppm	Au ppb	Ba ppm	Co ppm	Cr ppm	Cu ppm	Hg ppb	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	Pb ppm	S %	Sb ppm	Sr ppm	Ti %	U ppm	W ppm	Zn ppm
51	GC051	4749.040	1432.180	1>	1>	69	34	138	63	42	.15	2.31	859	1>	2.10	69	2>	.030	4.6	159	.42	.2	2>	76
52	GC052	4749.000	1431.780	1>	12	86	28	231	44	48	.31	1.83	940	1>	1.11	98	2>	.023	5.0	96	.63	1.2	2>	74
53	GC053	4748.520	1431.680	1>	4	160	17	171	49	57	.61	1.08	1048	1>	1.05	59	2>	.025	5.3	97	.58	.8	2>	83
54	GC054	4748.920	1431.180	12	1	69	40	173	85	58	.10	.61	1102	1>	.36	83	2>	.010	8.9	25	.93	.8	2>	108
55	GC055	4749.000	1430.780	3	2	91	39	264	63	80	.23	2.53	1476	1>	1.35	339	2>	.066	5.1	122	.63	.6	2>	259
56	GC056	4748.530	1430.710	1>	1>	129	21	156	30	45	.47	1.35	685	1	.58	78	2>	.048	5.4	74	.50	1.2	2>	68
57	GC057	4748.470	1431.130	7	1>	60	53	289	87	42	.09	2.77	1063	1>	1.32	197	2>	.026	12.0	151	.75	.2>	2>	101
58	GC058	4748.550	1432.170	1>	1>	73	37	292	49	71	.08	2.54	1451	1>	1.31	115	2>	.051	7.6	188	.76	.4	2>	82
59	GC059	4748.180	1431.860	1>	1>	72	60	836	28	45	.20	3.91	1041	1>	.98	531	2>	.019	9.2	71	.46	.8	2>	86
60	GC060	4748.100	1432.350	1>	5	68	40	230	48	64	.11	2.64	1452	1>	1.64	112	2>	.034	9.0	169	1.32	.2	2>	91
61	GC061	4748.000	1432.680	1>	1>	47	31	219	63	33	.25	3.12	744	1>	1.94	110	2>	.034	7.9	159	.37	.2	3	89
62	GC062	4747.600	1432.440	1>	1>	62	57	301	40	73	.09	2.92	1963	1>	1.95	169	2>	.048	9.1	143	1.14	.2	2>	91
63	GC063	4747.620	1432.080	1>	1>	48	49	530	58	31	.23	3.66	904	1>	1.71	413	2>	.023	2.0	160	.38	.2	2>	96
64	GC064	4747.400	1431.770	1>	3	96	31	298	42	28	.44	2.12	791	1>	1.28	166	2>	.020	9.4	95	.55	.8	2>	77
65	GC065	4747.430	1431.460	1>	1>	13	185	3683	28	40	.01	16.62	2124	1>	.13	2379	2>	.015	.2>	5	.19	.2	2>	187
66	GC066	4746.970	1432.100	1>	1>	83	70	1043	36	67	.11	5.44	1751	1>	1.42	686	2>	.031	13.1	85	1.03	.2	2>	123
67	GC067	4746.630	1432.490	1>	1>	102	81	1243	54	46	.21	5.06	1730	1>	1.25	676	2>	.038	12.9	147	.49	.4	2>	112
68	GC068	4746.320	1432.070	1>	2	77	26	194	58	25	.41	2.07	756	1>	1.37	81	2>	.024	10.0	103	.49	1.0	2>	89
69	GC069	4745.780	1432.340	1>	1>	25	30	93	49	37	.12	2.30	815	1>	2.47	47	2>	.040	6.8	179	.38	.2>	2>	78
70	GC070	4746.160	1432.520	1>	1>	77	36	115	65	54	.15	1.79	1115	1>	1.90	40	2>	.037	4.2	124	.47	.2	2>	74
71	GC071	4746.000	1432.980	1>	1>	14	36	117	37	38	.01	1.75	1048	1>	2.29	46	2>	.026	5.9	83	.70	.2>	2>	70
72	GC072	4746.470	1433.050	1	1>	26	44	151	294	29	.02	2.87	1788	1>	2.14	59	2>	.038	11.2	105	.78	.2>	2>	89
73	GC073	4746.120	1433.310	4	1>	26	54	450	62	21	.02	3.55	1332	1>	1.34	170	2>	.031	9.7	75	.76	.2>	2>	79
74	GC074	4745.720	1432.740	1>	1>	31	21	481	50	33	.04	1.01	297	1>	.23	160	2>	.014	4.6	23	.91	.8	2>	61
75	GC075	4745.580	1433.220	1>	1>	21	26	83	20	44	.03	1.77	1182	1>	2.87	30	2>	.025	8.3	76	.68	.2	2>	90
76	GC076	4745.030	1432.880	1>	1>	20	32	81	40	21	.03	1.36	701	1>	1.82	32	2>	.020	5.2	68	.69	.2>	2>	65
77	GC077	4744.720	1433.130	1>	1>	44	24	40	48	30	.09	1.04	948	1	3.17	19	2>	.018	.9	103	.67	.2>	2>	78
78	GC078	4745.100	1433.440	1>	1>	35	37	161	78	28	.25	2.81	747	1>	2.71	64	2>	.030	10.4	127	.55	.2>	2>	85
79	GC079	4745.420	1433.600	1>	1>	46	42	171	63	20	.50	3.39	924	1>	2.58	67	2>	.023	5.6	111	.51	.2>	2>	90
80	GC080	4745.270	1433.930	1>	1>	30	31	201	46	25	.39	3.54	932	1>	2.56	70	2>	.028	8.2	121	.48	.2>	2>	92
81	GC081	4744.680	1434.490	1>	1>	27	36	263	67	51	.03	1.36	709	1>	.87	134	2>	.018	.6	63	.44	.2	2>	72
82	GC082	4744.700	1433.880	1>	1>	38	38	528	69	39	.07	3.70	934	1>	1.47	168	2>	.028	10.5	97	.35	.2>	2>	93
83	GC083	4744.270	1433.830	1>	1	35	45	313	61	37	.17	3.94	927	1>	2.22	111	2>	.035	10.5	135	.44	.2>	2>	104
84	GC084	4743.650	1434.250	1>	1>	32	40	375	78	33	.19	3.85	1112	1>	1.96	133	2>	.040	7.9	162	.42	.2>	2>	109
85	GC085	4743.340	1434.780	1>	1>	16	218	5754	18	107	.02	9.92	2443	1>	.26	2617	2>	.040	11.2	21	.27	.2>	2>	173
86	GC086	4742.840	1434.620	1>	1>	12	241	6612	9	65	.01	15.31	2777	1>	.11	1957	2>	.049	.2>	8	.11	.2>	2>	198
87	GC087	4745.900	1431.720	1>	1>	11	22	32	148	63	.01	1.27	1572	1>	2.40	12	2>	.020	6.0	70	.70	.2>	2>	121
88	GC088	4745.640	1431.400	1>	1>	61	36	47	42	46	.12	1.53	1690	1>	3.61	22	2>	.031	11.5	103	1.04	.2>	2>	117
89	GC089	4745.230	1431.830	1>	1>	20	43	103	121	37	.02	1.73	1487	1>	2.47	40	2>	.021	11.6	74	.80	.2>	2>	97
90	GC090	4744.570	1431.750	1>	1>	16	32	83	60	15	.02	1.61	1091	1>	2.25	30	2>	.028	13.1	93	.90	.2>	2>	72
91	GC091	4746.100	1431.200	1>	1>	33	41	90	74	33	.02	2.65	1785	1>	3.38	41	2>	.021	6.3	78	.75	.2	2>	262
92	GC092	4745.950	1430.820	1>	1>	33	36	78	57	20	.02	2.56	809	1>	2.51	42	2>	.022	10.3	82	.56	.2>	2>	101
93	GC093	4746.560	1430.740	1>	2	42	41	365	78	46	.14	2.85	1249	1>	1.63	144	2>	.041	7.1	153	.44	.4	2>	106
94	GC094	4746.130	1430.540	1>	1>	84	37	169	64	40	.31	2.70	1068	1>	2.62	70	2>	.021	4.2	109	.47	.2	2>	87
95	GC095	4746.320	1430.290	1>	1>	37	54	539	52	47	.03	3.20	1407	1>	.87	207	2>	.037	3.7	161	.59	.2	2>	80
96	GC096	4746.610	1430.200	1>	1>	47	54	402	66	47	.06	2.86	1671	1>	1.15	169	2>	.038	5.6	140	.55	.4	2>	82
97	GC097	4747.080	1430.000	1>	1>	40	71	180	74	55	.02	1.34	2242	1>	.79	67	2>	.025	10.4	91	1.69	.4	2>	104
98	GC098	4747.400	1429.980	1>	1>	60	6	137	19	60	.24	.29	5>	1>	.05	47	2>	.011	4.7	18	.59	1.6	2>	41
99	GC099	4747.250	1430.400	1>	1>	114	11	59	14	66	.53	.31	22	1>	.04	22	2	.010	2.9	25	.28	2.0	2>	33
100	GC100	4746.500	1429.720	1>	1>	134	49	184	46	46	.16	1.06	1797	1>	1.06	68	2>	.015	1.2	52	1.17	.8	2>	81

List of Geochemical Analysis(3)

Ser. No.	Sample No.	Location (km) X-coord	Location (km) Y-coord	As ppm	Au ppb	Ba ppm	Co ppm	Cr ppm	Cu ppm	Hg ppb	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	Pb ppm	S %	Sb ppm	Sr ppm	Ti %	U ppm	W ppm	Zn ppm
101	GC101	4746.180	1429.580	6	1>	83	8	87	10	38	.49	.30	5>	1>	.04	49	7	.008	.2>	14	.28	2.2	2>	31
102	GC102	4746.400	1429.210	5	15	81	1>	55	7	56	.31	.24	5>	1>	.03	20	5	.014	2.0	22	.27	2.0	2>	27
103	GC103	4746.880	1429.280	3	1>	87	19	205	35	38	.44	.67	307	1>	.26	79	2>	.014	.2>	35	.51	1.6	2>	63
104	GC104	4747.170	1428.630	7	1>	253	23	99	25	47	.89	.78	507	1>	.51	55	2>	.028	3.3	78	.47	.2	2>	94
105	GC105	4747.690	1428.870	1>	1>	69	82	600	89	63	.05	3.18	2626	1>	1.71	510	2>	.030	5.7	91	.59	2.2	2>	105
106	GC106	4747.820	1428.550	30	1>	211	37	692	366	52	.97	.62	332	2	1.22	670	284	.734	1.0	39	.42	2.6	2>	1398
107	GC107	4747.250	1428.220	1>	1>	54	49	331	90	34	.14	2.03	1432	1>	1.05	232	2>	.017	6.7	58	.55	.2	2>	103
108	GC108	4746.200	1429.980	1>	1>	54	149	3180	60	43	.29	8.81	2222	1>	.18	1772	5	.012	8.8	13	.16	.4	2>	142
109	GC109	4745.950	1430.230	2	1>	120	29	81	36	47	.47	1.25	782	1>	1.48	51	2>	.015	2.7	51	.63	1.4	2>	130
110	GC110	4745.420	1430.090	14	1>	156	5	65	11	41	.95	.42	5>	1	.10	22	9	.008	.2>	40	.37	2.8	2>	53
111	GC111	4745.170	1430.440	1>	22	109	41	506	51	38	.26	3.44	900	1>	1.05	179	2>	.018	10.2	34	.31	.2	2>	89
112	GC112	4745.800	1429.590	1>	1>	66	27	67	48	71	.09	1.06	1382	1>	1.68	30	2>	.018	8.1	58	.60	.4	2>	111
113	GC113	4745.610	1429.310	1>	1>	128	25	126	40	36	.86	.70	437	1>	.29	74	8	.010	7.1	21	.54	1.5	2>	66
114	GC114	4745.600	1428.870	1>	1>	203	44	224	64	59	.41	1.85	1028	1>	.81	132	2>	.016	.2>	47	.62	1.0	2>	80
115	GC115	4746.050	1428.780	1>	1>	142	54	227	64	189	.25	1.00	2893	1>	1.08	84	2>	.055	8.6	88	.79	.4	2>	91
116	GC116	4745.320	1429.550	1>	1>	134	32	149	67	55	.55	.89	1061	1>	.46	96	10	.009	6.6	45	.74	1.2	2>	86
117	GC117	4745.220	1428.660	1>	1>	394	19	62	52	31	1.15	.99	445	1>	1.23	31	5	.012	5.5	133	.49	1.6	2>	77
118	GC118	4745.000	1429.100	1>	1>	398	23	109	46	75	.84	1.18	966	1>	1.10	52	2>	.017	9.8	138	.59	1.6	2>	71
119	GC119	4744.770	1429.410	1>	1>	68	46	162	53	60	.09	2.37	1202	1>	2.45	71	2>	.024	9.6	116	.41	.2	2>	62
120	GC120	4744.120	1429.350	1>	1>	57	63	367	90	34	.06	2.83	1619	1>	1.24	197	2>	.021	9.8	77	.73	.2	2>	84
121	GC121	4744.450	1429.760	1>	1>	47	34	73	41	42	.04	1.75	1160	1>	2.52	39	2>	.021	9.3	74	.49	.2	2>	54
122	GC122	4744.100	1430.060	1	1>	123	22	124	48	27	.93	1.14	484	1>	.67	74	6	.007	7.4	34	.42	1.4	2>	70
123	GC123	4744.380	1430.360	1>	1>	143	27	173	46	53	.49	1.59	1056	1>	2.00	94	2>	.023	8.1	84	.52	1.2	2>	79
124	GC124	4744.050	1430.720	1>	1>	156	9	57	21	55	1.15	.50	5>	1>	.09	25	16	.013	2.1	50	.44	2.6	2>	61
125	GC125	4743.560	1429.750	1>	1>	63	56	333	82	44	.44	2.51	1990	1>	.93	138	2>	.023	10.6	89	.79	.2	2>	97
126	GC126	4743.740	1430.460	1>	1>	10	56	352	57	35	.01>	3.05	734	1>	1.09	120	2>	.025	12.7	73	.70	.2>	2>	66
127	GC127	4743.590	1430.950	1>	1>	53	30	149	98	55	.05	1.65	1208	1>	2.34	81	2>	.015	6.0	71	.54	.2	2>	68
128	GC128	4743.970	1431.160	1>	1>	28	39	140	91	42	.13	1.80	869	1>	1.98	63	2>	.014	5.1	47	.76	.2	2>	112
129	GC129	4743.270	1430.360	1>	1>	57	46	103	55	68	.01>	.69	5>	1>	.19	71	2>	.012	8.5	20	.78	.2	2>	60
130	GC130	4743.280	1430.850	1>	1>	47	62	272	100	59	.02	1.75	1134	1>	1.30	106	2>	.022	8.4	62	.92	.2>	2>	93
131	GC131	4742.350	1430.210	1>	1>	95	2	39	9	47	.64	.29	5>	1>	.06	9	4	.015	1.7	29	.27	1.8	2>	28
132	GC132	4742.690	1430.610	1>	1>	55	38	146	53	41	.18	2.02	849	1>	.96	65	2>	.022	11.4	68	.66	.8	2>	71
133	GC133	4742.300	1430.950	1>	1>	74	46	155	96	34	.07	1.96	1567	1>	2.05	63	2>	.028	13.0	132	1.33	.2	2>	96
134	GC134	4742.290	1431.380	9	1>	139	14	50	16	61	.78	.35	459	1>	.13	20	7	.015	1.2	39	.30	2.6	2>	43
135	GC135	4744.200	1428.710	8	1>	99	6	43	6	44	.70	.28	5>	1>	.08	13	2>	.012	1.7	18	.25	2.6	2>	23
136	GC136	4743.820	1428.880	1>	1>	69	1	32	5	38	.35	.24	5>	1>	.05	6	12	.008	.2>	11	.23	2.2	2>	23
137	GC137	4743.330	1428.150	1	1>	140	3	44	10	65	.77	.34	5>	1>	.09	9	11	.013	4.4	38	.30	2.4	2>	29
138	GC138	4743.070	1428.550	2	1>	119	6	56	10	64	.70	.39	5>	1>	.07	16	7	.018	3.2	31	.31	2.6	2>	40
139	GC139	4742.630	1428.800	2	1>	180	16	409	39	41	.25	.25	34	1>	.26	207	21	.201	2.9	18	.31	1.6	2>	100
140	GC140	4742.300	1428.550	1>	1>	102	1>	45	6	62	.57	.30	5>	1>	.05	10	8	.013	4.1	36	.30	2.2	2>	25

Appendix 27

List of stream sediment
geochemical samples in Area C

Area: Sungai Segama Area (C Area)

Ser. No.	Sample No.	Coordinates N	Coordinates E	Name of Stream	Geology	Geol. Unit	Order	Width (m)	Flow *1	Size *2	Color
1	GC501	1434.26	4752.38	S. Segama	serp./amph.	Pr	4	2.0	4	2	B.G.
2	GC502	1434.40	4752.80	S. Segama	serpentinite	Pr	1	1.0	3	2	Blu.G.
3	GC503	1434.26	4752.78	S. Segama	serp./amph.	Pr	1	1.0	3	2	Blu.G.
4	GC504	1433.93	4751.90	S. Segama	green schist	Gs	1	1.0	3	2	Blu.G.
5	GC505	1433.86	4752.42	S. Segama	green schist	Gs	4	4.0	4	2	Blu.G.
6	GC506	1433.54	4752.38	S. Segama	green schist	Gs	1	1.0	4	2	Blu.G.
7	GC507	1433.44	4751.96	S. Segama	green schist	Gs	1	1.0	4	2	Blu.G.
8	GC508	1433.13	4752.52	S. Segama	sandstone	P_4Km	2	2.0	3	2	B.
9	GC509	1432.99	4752.18	S. Segama	sandstone	P_4Km	1	1.0	3	2	B.
10	GC510	1432.85	4752.19	S. Segama	sandstone	P_4Km	1	1.0	3	2	B.
11	GC511	1433.24	4752.83	S. Segama	sandstone	P_4Km	4	10.0	4	2	B.
12	GC512	1432.85	4753.27	S. Segama	sandstone	P_4Km	2	1.0	3	2	B.
13	GC513	1432.68	4753.16	S. Segama	sandstone	P_4Km	4	10.0	3	2	B.
14	GC514	1432.17	4752.85	S. Segama	sandstone	P_4Km	1	1.0	3	2	B.
15	GC515	1432.24	4753.38	S. Segama	sandstone	P_4Km	4	5.0	3	2	B.
16	GC516	1432.00	4753.28	S. Segama	sandstone	P_4Km	1	0.5	3	2	B.
17	GC517	1431.84	4753.58	S. Segama	basaltic tf.	P_4Km	3	5.0	3	2	B.
18	GC518	1431.59	4753.22	S. Segama	basaltic tf.	P_4Km	1	1.5	3	2	B.
19	GC519	1434.72	4751.81	S. Segama	serpentinite	Pr	5	40.0	4	2	G.B.
20	GC520	1434.65	4751.28	S. Segama	green schist	Gs	5	40.0	4	2	G.B.
21	GC521	1434.87	4750.90	S. Segama	serpentinite	Pr	5	30.0	4	2	G.B.
22	GC522	1434.53	4750.55	S. Segama	serpentinite	Pr	5	20.0	4	2	G.B.
23	GC523	1434.10	4750.60	S. Segama	serpentinite	Pr	5	20.0	4	2	G.B.
24	GC524	1434.04	4750.02	S. Segama	serpentinite	Pr	1	1.0	4	2	Blu.G.
25	GC525	1433.25	4750.47	S. Segama	serpentinite	Pr	1	1.0	4	2	Blu.G.
26	GC526	1433.19	4750.33	S. Segama	serpentinite	Pr	1	1.0	4	2	Blu.G.
27	GC527	1433.61	4750.13	S. Segama	serpentinite	Pr	5	40.0	3	2	G.B.
28	GC528	1433.53	4749.90	S. Segama	serpentinite	Pr	5	35.0	4	2	B.
29	GC529	1433.90	4749.22	S. Segama	green schist	Gs	3	4.0	3	2	Blu.G.
30	GC530	1434.45	4749.03	S. Segama	green schist	Gs	1	1.5	4	2	Blu.G.
31	GC531	1434.23	4748.85	S. Segama	green schist	Gs	2	3.5	3	2	Blu.G.
32	GC532	1434.37	4748.61	S. Segama	green schist	Gs	1	1.0	3	2	Blu.G.
33	GC533	1434.22	4748.56	S. Segama	green schist	Gs	2	3.0	3	2	Blu.G.
34	GC534	1434.48	4748.03	S. Segama	green schist	Gs	1	0.5	3	2	Blu.G.
35	GC535	1434.30	4747.93	S. Segama	green schist	Gs	1	1.0	4	2	Blu.G.
36	GC536	1433.96	4747.81	S. Segama	green schist	Gs	1	1.0	4	2	Blu.G.
37	GC537	1434.45	4747.87	S. Segama	green schist	Gs	2	3.0	3	2	Blu.G.
38	GC538	1434.66	4747.33	S. Segama	green schist	Gs	2	2.5	3	2	Blu.G.
39	GC539	1434.60	4747.19	S. Segama	green schist	Gs	1	1.0	4	2	Blu.G.
40	GC540	1434.48	4747.27	S. Segama	green schist	Gs	1	1.0	3	2	Blu.G.
41	GC541	1434.35	4746.86	S. Segama	ss/shale/sch	Ps	1	1.0	4	2	Blu.G.
42	GC542	1434.38	4746.40	S. Segama	ss/shale/sch	Ps	1	1.0	3	2	Blu.G.
43	GC543	1433.36	4749.55	S. Segama	—	Ps	5	35.0	3	2	B.
44	GC544	1433.30	4748.93	S. Segama	—	Ps	1	1.0	3	2	B.G.
45	GC545	1433.32	4748.50	S. Segama	—	Ps	1	1.0	3	2	Blu.G.
46	GC546	1433.31	4748.07	S. Segama	—	Gs	1	1.0	3	2	Blu.G.
47	GC547	1433.05	4749.49	S. Segama	—	Ps	5	30.0	3	2	B.
48	GC548	1432.55	4749.35	S. Segama	—	Gs	5	30.0	3	2	B.
49	GC549	1431.94	4749.76	S. Segama	tonalite	I_1	2	4.0	3	2	B.
50	GC550	1431.78	4750.15	S. Segama	dolerite	Csba	1	2.0	3	2	B.

*1: none(0), puddle(1), slow(2), moderate(3), fast(4)
*2: coarse grained(1), medium grained(2), fine grained(3), clayey(4)

Ser. No.	Sample No.	Coordinates N	Coordinates E	Name of Stream	Geology	Geol. Unit	Order	Width (m)	Flow *1	Size *2	Color
51	GC551	1431.67	4750.05	S. Segama	dolerite	Csba	1	2.0	3	2	B.
52	GC552	1432.08	4749.20	S. Segama	tonalite	I_1	5	4.0	3	2	G.B.
53	GC553	1431.80	4748.84	S. Segama	serp./amph.	Gs	2	4.0	3	2	G.B.
54	GC554	1431.20	4748.30	S. Segama	—	Csba	1	2.0	3	2	G.
55	GC555	1431.15	4748.75	S. Segama	breccia	Csba	2	2.0	4	2	G.
56	GC556	1430.67	4748.83	S. Segama	breccia	P_4Km	1	1.5	4	2	G.
57	GC557	1430.58	4748.67	S. Segama	breccia	P_4Km	1	1.5	4	2	B.
58	GC558	1432.05	4748.43	S. Segama	serp./sch.	Pr	5	20.0	3	2	B.
59	GC559	1432.34	4747.92	S. Segama	serp./sch.	Pr	2	1.0	4	1	Blu.G.
50	GC560	1432.67	4747.78	S. Segama	serp./sch.	Pr	1	1.0	4	1	Blu.G.
61	GC561	1432.56	4747.71	S. Segama	serp./sch.	Pr	1	1.0	4	1	Blu.G.
62	GC562	1432.00	4748.03	S. Segama	serp./sch.	Pr	5	30.0	4	1	G.
63	GC563	1431.80	4747.57	S. Segama	serp./sch.	Pr	1	1.0	4	1	Blu.G.
64	GC564	1431.50	4747.59	S. Segama	serpentinite	Pr	1	1.0	4	1	Blu.G.
65	GC565	1431.94	4747.48	S. Segama	serpentinite	Pr	5	30.0	4	1	B.
66	GC566	1431.93	4747.15	S. Segama	serpentinite	Pr	1	1.0	4	1	Blu.G.
67	GC567	1432.12	4747.15	S. Segama	serpentinite	Pr	5	25.0	4	1	B.
68	GC568	1432.35	4746.50	S. Segama	serp./sch.	Gs	5	10.0	4	1	B.
69	GC569	1432.39	4746.04	S. Segama	amphibolite	Gs	4	7.0	4	1	D.G.
70	GC570	1432.98	4746.21	S. Segama	amphibolite	Gs	2	1.5	2	1	D.G.
71	GC571	1433.22	4746.45	S. Segama	green schist	Gs	1	1.0	1	3	D.G.
72	GC572	1433.24	4746.30	S. Segama	green schist	Gs	1	1.0	1	3	D.G.
73	GC573	1432.86	4745.82	S. Segama	green schist	Gs	4	7.0	3	2	D.G.
74	GC574	1433.07	4745.52	S. Segama	green schist	Gs	4	10.0	3	2	D.G.
75	GC575	1432.96	4744.70	S. Segama	green schist	Gs	1	3.0	3	3	D.G.
76	GC576	1433.30	4745.20	S. Segama	green schist	Gs	4	9.0	4	2	D.G.
77	GC577	1433.80	4745.19	S. Segama	green schist	Gs	4	7.0	4	1	D.G.
78	GC578	1434.50	4744.86	S. Segama	green schist	Gs	2	2.0	4	1	Y.G.
79	GC579	1434.88	4744.77	S. Segama	green schist	Gs	2	2.0	3	1	Y.G.
80	GC580	1434.87	4744.67	S. Segama	green schist	Gs	1	2.0	3	1	B.G.
81	GC581	1434.03	4744.50	S. Segama	green schist	Gs	4	7.0	2	3	D.G.
82	GC582	1434.05	4744.12	S. Segama	green schist	Gs	4	12.0	3	3	B.G.
83	GC583	1433.87	4743.72	S. Segama	green schist	Gs	1	2.0	3	2	D.G.
84	GC584	1434.40	4743.82	S. Segama	green schist	Gs	4	10.0	3	2	D.G.
85	GC585	1434.63	4743.00	S. Segama	serpentinite	Pr	1	1.0	3	2	D.G.
86	GC586	1434.85	4742.93	S. Segama	serpentinite	Pr	2	2.0	3	2	D.G.
87	GC587	1434.75	4742.83	S. Segama	serpentinite	Pr	4	10.0	4	1	D.G.
88	GC588	1431.83	4746.09	S. Segama	green schist	Gs	4	5.0	4	2	D.G.
89	GC589	1431.57	4745.60	S. Segama	green schist	Gs	2	2.0	4	1	D.G.
90	GC590	1431.61	4745.10	S. Segama	green schist	Gs	1	1.0	4	1	D.G.
91	GC591	1431.76	4745.07	S. Segama	green schist	Gs	1	1.0	4	1	D.G.
92	GC592	1431.91	4744.62	S. Segama	green schist	Gs	1	1.0	3	1	D.G.
93	GC593	1431.50	4746.08	S. Segama	green schist	Gs	4	5.0	4	2	D.G.
94	GC594	1431.17	4745.95	S. Segama	green schist	Gs	4	7.0	3	3	D.G.
95	GC595	1430.84	4746.11	S. Segama	green schist	Gs	4	8.0	3	3	D.G.
96	GC596	1430.40	4746.47	S. Segama	—	Pr	4	8.0	3	3	D.G.
97	GC597	1430.13	4746.91	S. Segama	—	P_4Km	2	1.5	3	2	D.G.
98	GC598	1430.28	4747.35	S. Segama	sandstone	P_4Km	1	1.0	2	1	D.G.
99	GC599	1430.13	4747.37	S. Segama	sandstone	P_4Km	1	1.0	2	1	D.G.
100	GC600	1429.90	4746.50	S. Segama	—	Pr	4	5.0	3	2	D.G.

*1: none(0), puddle(1), slow(2), moderate(3), fast(4)
*2: coarse grained(1), medium grained(2), fine grained(3), clayey(4)

Area: Sungai Segama Area (C Area)

Ser. No.	Sample No.	Coordinates N	Coordinates E	Name of Stream	Geology	Geol. Unit	Order	Width (m)	Flow *1	Size *2	Color
101	GC601	1429.36	4746.52	S. Segama	sandstone	P_4Km	3	4.0	2	2	Y.G.
102	GC602	1429.12	4746.78	S. Segama	sandstone	P_4Km	3	3.0	2	2	Y.G.
103	GC603	1428.92	4747.05	S. Segama	sandstone	P_4Km	3	3.0	2	2	Y.G.
104	GC604	1428.78	4747.82	S. Segama	sandstone	P_4Km	1	1.0	3	1	D.G.
105	GC605	1428.68	4747.90	S. Segama	sandstone	P_4Km	1	1.0	3	1	D.G.
106	GC606	1428.62	4747.34	S. Segama	sandstone	P_4Km	2	3.0	3	2	D.G.
107	GC607	1430.13	4745.80	S. Segama	—	Csba	1	2.0	2	2	D.G.
108	GC608	1430.26	4745.39	S. Segama	—	Csba	1	1.0	3	1	D.G.
109	GC609	1430.37	4744.98	S. Segama	—	Gb	1	1.0	2	2	D.G.
110	GC610	1429.76	4745.66	S. Segama	basalt	Csba	1	1.0	3	2	D.G.
111	GC611	1429.61	4745.65	S. Segama	basalt	Csba	4	5.0	3	2	D.G.
112	GC612	1428.96	4745.73	S. Segama	sandstone	P_4Km	1	3.0	2	2	R.G.
113	GC613	1428.60	4746.00	S. Segama	basalt	P_4Km	1	2.0	3	2	D.G.
114	GC614	1429.40	4745.29	S. Segama	basalt	Csba	4	5.0	3	2	Y.G.
115	GC615	1428.80	4745.34	S. Segama	basalt	P_4Km	1	2.0	3	2	D.G.
116	GC616	1429.26	4745.03	S. Segama	basalt	Csba	4	2.0	3	2	D.G.
117	GC617	1429.25	4744.70	S. Segama	dolerite	Csba	4	4.0	4	3	Y.G.
118	GC618	1429.40	4744.30	S. Segama	dolerite	Csba	3	4.0	4	1	D.G.
119	GC619	1429.78	4744.30	S. Segama	dolerite	Csba	1	2.0	3	2	Y.G.
120	GC620	1430.08	4744.27	S. Segama	dolerite	Csba	1	2.0	3	2	D.G.
121	GC621	1430.37	4744.21	S. Segama	sandstone	Csba	1	2.0	3	2	D.G.
122	GC622	1430.77	4744.24	S. Segama	basalt	Csba	1	2.0	3	2	D.G.
123	GC623	1429.72	4743.95	S. Segama	dolerite	Csba	3	4.0	3	2	Y.G.
124	GC624	1429.90	4743.68	S. Segama	dolerite	Csba	3	4.0	3	2	D.G.
125	GC625	1430.58	4743.64	S. Segama	gabbro	Gb	2	2.0	3	1	D.G.
126	GC626	1431.10	4743.77	S. Segama	gabbro	Gb	1	2.0	3	1	D.G.
127	GC627	1431.08	4743.66	S. Segama	gabbro	Gb	1	2.0	3	1	Y.G.
128	GC628	1430.20	4743.25	S. Segama	gabbro	Gb	2	4.0	3	1	D.G.
129	GC629	1430.43	4743.00	S. Segama	gabbro	Gb	1	1.0	3	1	D.G.
130	GC630	1430.78	4743.12	S. Segama	gabbro	Gb	1	1.0	2	1	D.G.
131	GC631	1430.38	4742.85	S. Segama	sandstone	P_4Km	2	3.0	2	1	Y.G.
132	GC632	1430.67	4742.29	S. Segama	sandstone	P_4Km	2	2.0	3	2	Y.B.
133	GC633	1431.00	4742.12	S. Segama	sandstone	P_4Km	2	2.0	3	2	Y.B.
134	GC634	1431.38	4742.10	S. Segama	sandstone	P_4Km	2	2.0	3	2	D.B.
135	GC635	1431.52	4742.18	S. Segama	sandstone	P_4Km	1	1.0	3	1	D.B.
136	GC636	1429.05	4744.10	S. Segama	dolerite	Csba	4	4.0	4	2	Y.G.
137	GC637	1428.64	4743.85	S. Segama	sandstone	P_4Km	4	5.0	3	2	Y.G.
138	GC638	1428.44	4743.65	S. Segama	sandstone	P_4Km	4	5.0	4	1	Y.
139	GC639	1428.48	4742.90	S. Segama	sandstone	P_4Km	2	3.0	3	2	Y.G
140	GC640	1428.68	4742.40	S. Segama	sandstone	P_4Km	2	4.0	2	2	Y.G

*1: none(0), puddle(1), slow(2), moderate(3), fast(4)
*2: coarse grained(1), medium grained(2), fine grained(3), clayey(4)

Appendix 28

Analytical results of stream sediment geochemical samples in Area C

List of Geochemical Analysis(1)

Ser. No.	Sample No.	Location(km) X-coord	Location(km) Y-coord	As ppm	Au ppb	Ba ppm	Co ppm	Cr ppm	Cu ppm	Hg ppb	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	Pb ppm	S %	Sb ppm	Sr ppm	Ti %	U ppm	W ppm	Zn ppm
1	GC501	4752.380	1434.260	1>	1>	60	14	836	16	11	.24	1.13	324	1	.47	50	5	.033	9.8	57	.35	1.6	2>	42
2	GC502	4752.800	1434.400	1>	1>	50	22	410	37	10>	.21	2.87	855	1>	2.62	83	2>	.072	7.1	227	.82	.2>	2>	93
3	GC503	4752.780	1434.260	1>	1>	46	27	669	33	10>	.17	2.76	1037	1>	2.18	75	2>	.079	9.3	255	.98	.2	2>	88
4	GC504	4751.900	1433.930	1>	1>	101	35	707	50	10>	.49	4.53	882	1>	2.12	197	2>	.046	9.9	242	.52	.2	2>	88
5	GC505	4752.420	1433.860	1>	1>	66	12	1184	13	10	.26	.98	343	1>	.39	45	2	.024	12.2	53	.34	2.2	2	38
6	GC506	4752.380	1433.540	1>	1>	73	14	360	17	11	.27	1.09	323	1>	.38	40	2>	.023	7.9	47	.23	1.4	2>	36
7	GC507	4751.960	1433.440	1>	1>	88	11	284	17	12	.37	.92	411	2	.40	36	3	.018	7.7	44	.24	1.0	2>	35
8	GC508	4752.520	1433.130	1>	1>	74	7	174	12	13	.25	.53	251	2	.34	29	6	.015	5.6	34	.24	1.2	3	30
9	GC509	4752.180	1432.990	1>	1>	90	7	221	10	13	.24	.31	205	1>	.18	15	2>	.011	4.3	25	.20	1.4	2>	21
10	GC510	4752.190	1432.850	11	2	68	6	202	11	14	.24	.44	205	1	.28	23	2>	.012	5.3	29	.24	1.2	2>	25
11	GC511	4752.830	1433.240	1>	1>	64	8	576	12	13	.25	.87	272	1>	.35	37	2	.020	7.8	46	.26	.6	2>	31
12	GC512	4753.270	1432.850	1>	1>	64	13	224	17	16	.33	1.24	413	1>	1.00	39	2>	.022	8.3	71	.53	1.0	2>	35
13	GC513	4753.160	1432.680	1>	1>	74	9	184	14	11	.32	.91	251	1>	.42	44	2>	.018	6.0	44	.25	.8	2>	31
14	GC514	4752.850	1432.170	1>	1>	83	4	155	11	12	.30	.30	171	2	.23	20	5	.012	1.7	25	.20	1.2	2>	22
15	GC515	4753.380	1432.240	1>	1>	69	10	257	12	11	.29	.83	254	1>	.34	39	2>	.017	3.4	39	.22	.8	2>	29
16	GC516	4753.280	1432.000	3	1>	57	8	362	11	16	.20	.65	218	1>	.45	35	2>	.014	4.7	41	.25	1.2	2	24
17	GC517	4753.580	1431.840	2	1>	71	12	315	16	10	.32	1.13	307	1>	.62	46	2>	.020	10.1	60	.30	.8	2>	37
18	GC518	4753.220	1431.590	1>	1>	62	3	231	9	11	.20	.24	147	1>	.21	19	2	.012	4.0	21	.18	1.0	2>	19
19	GC519	4751.810	1434.720	1>	1>	70	19	448	20	10>	.35	1.17	413	1>	.66	59	2>	.034	7.6	70	.42	1.0	2>	42
20	GC520	4751.280	1434.650	1>	1>	79	18	443	20	10>	.41	1.19	455	1>	.70	61	2	.033	8.3	69	.51	1.6	2>	46
21	GC521	4750.900	1434.870	1>	1>	63	18	1180	19	11	.25	1.00	715	1>	.45	65	2>	.067	14.2	76	.75	2.2	2>	58
22	GC522	4750.550	1434.530	1>	1>	75	9	243	19	12	.35	1.09	344	1>	.61	51	2>	.024	7.2	63	.38	.8	2>	40
23	GC523	4750.600	1434.100	1>	1>	83	12	356	19	13	.35	1.10	438	1	.59	55	2>	.038	9.1	66	.51	2.0	2>	45
24	GC524	4750.020	1434.040	1>	1>	176	33	554	45	10>	.62	3.25	1467	1>	1.64	115	2>	.064	12.5	169	1.19	.6	2>	90
25	GC525	4750.470	1433.250	1>	1>	53	24	208	40	10>	.32	2.30	888	1>	2.01	43	2>	.043	13.1	163	.95	.2	2>	75
26	GC526	4750.330	1433.190	1>	1>	51	29	220	37	10	.32	2.21	932	1>	1.97	41	2>	.045	12.5	161	1.02	.4	2>	75
27	GC527	4750.130	1433.610	1>	1>	67	10	379	17	11	.28	.97	392	1>	.52	46	2>	.030	6.2	64	.45	1.8	3	39
28	GC528	4749.900	1433.530	1>	1>	84	16	232	22	10>	.43	1.31	376	1>	.75	63	2>	.022	7.5	66	.38	.8	5	47
29	GC529	4749.220	1433.900	1>	1>	103	33	726	38	10>	.43	4.93	931	1>	1.96	153	2>	.051	14.9	181	.50	.2	2>	83
30	GC530	4749.030	1434.450	1>	1>	58	23	328	55	10>	.47	4.35	897	1>	2.52	119	2>	.051	4.4	280	.34	.2	2>	81
31	GC531	4748.850	1434.230	1>	1>	139	35	1290	38	10>	.53	4.18	1381	1>	1.93	124	2>	.052	10.9	171	.69	.4	2>	89
32	GC532	4748.610	1434.370	1>	1>	121	35	999	48	10>	.53	3.47	1102	1>	1.93	149	2>	.041	11.5	209	.69	.2	2>	84
33	GC533	4748.560	1434.220	1>	1>	116	37	919	30	10>	.39	4.61	1101	1>	1.72	130	2>	.046	10.4	133	.63	.2	2>	84
34	GC534	4748.030	1434.480	1>	1>	122	25	637	38	13	.54	3.67	948	1>	1.98	97	2>	.039	9.7	194	.62	.2	2>	79
35	GC535	4747.930	1434.300	1>	1>	164	35	558	37	10>	.34	4.28	1046	1>	1.93	118	2>	.038	13.5	176	.61	.4	2>	79
36	GC536	4747.810	1433.960	1>	1>	165	37	675	36	12	.43	4.37	1224	1	2.02	109	2>	.039	13.8	172	.69	.4	2>	79
37	GC537	4747.870	1434.450	1>	1>	107	36	1188	27	10>	.40	4.54	1252	1>	1.74	129	2>	.050	7.3	127	.71	.2	2>	85
38	GC538	4747.330	1434.660	1>	1>	62	33	842	24	10>	.24	4.84	1010	1>	1.61	117	2>	.057	15.1	112	.64	.2>	2>	79
39	GC539	4747.190	1434.600	1>	1>	176	30	477	37	10>	.67	3.82	1601	1>	2.17	86	2>	.034	14.8	168	.52	.4	2>	77
40	GC540	4747.270	1434.480	1>	1>	257	29	1020	37	10>	.86	4.02	1483	1>	2.12	170	2>	.034	16.8	169	.80	.4	2>	88
41	GC541	4746.860	1434.350	1>	1>	250	34	738	38	10>	.83	4.12	1147	1>	2.32	171	2>	.037	12.0	173	.69	.6	2>	97
42	GC542	4746.400	1434.380	1>	1>	235	33	1284	37	10>	.69	4.35	1546	1>	2.22	185	2>	.039	19.3	165	.76	.6	2>	106
43	GC543	4749.550	1433.360	1>	1>	68	10	338	17	11	.30	.97	378	1>	.56	48	2>	.037	9.8	62	.45	1.4	2>	43
44	GC544	4748.930	1433.300	1>	1>	44	33	1067	39	10>	.35	4.88	910	1>	1.96	126	2>	.044	5.6	173	.46	.2	2>	99
45	GC545	4748.500	1433.320	1>	20	53	39	1014	38	10>	.42	5.15	924	1>	2.12	127	2>	.045	4.6	176	.46	.2	2	100
46	GC546	4748.070	1433.310	1>	1>	60	41	981	39	10>	.38	5.33	937	1>	2.01	129	2>	.045	12.1	175	.47	.2>	2>	101
47	GC547	4749.490	1433.050	1>	1>	72	16	316	19	10	.34	1.08	408	1>	.64	51	6	.027	11.8	65	.48	1.6	3	47
48	GC548	4749.350	1432.550	1>	1>	71	13	261	17	11	.32	.99	332	1>	.57	48	4	.024	4.5	58	.38	1.4	2>	42
49	GC549	4749.760	1431.940	1>	1>	93	10	217	14	18	.40	.58	300	1	.44	29	7	.016	8.3	44	.28	1.2	2>	38
50	GC550	4750.150	1431.780	1>	1>	101	15	228	16	11	.46	.65	350	1>	.44	33	7	.017	3.9	39	.28	1.4	2	40

List of Geochemical Analysis(2)

Ser. No.	Sample No.	Location(km) X-coord	Location(km) Y-coord	As ppm	Au ppb	Ba ppm	Co ppm	Cr ppm	Cu ppm	Hg ppb	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	Pb ppm	S %	Sb ppm	Sr ppm	Ti %	U ppm	W ppm	Zn ppm
51	GC551	4750.050	1431.670	3	1>	100	13	169	15	13	.43	.62	312	1	.42	34	9	.017	6.4	39	.28	1.4	2>	42
52	GC552	4749.200	1432.080	1>	1>	79	11	259	20	10	.43	1.22	377	1>	.70	65	3	.026	5.6	63	.44	1.2	2>	51
53	GC553	4748.840	1431.800	1>	1>	54	14	259	14	11	.25	1.15	465	1>	.64	41	2>	.033	8.6	96	.48	1.0	2>	41
54	GC554	4748.300	1431.200	1>	1>	37	27	335	29	10	.14	2.09	887	1>	3.02	74	2>	.051	9.2	347	.93	.2	2>	71
55	GC555	4748.750	1431.150	1>	1>	54	19	373	15	10>	.21	1.48	585	1>	.65	44	2>	.034	10.4	86	.63	1.0	2>	49
56	GC556	4748.830	1430.670	1>	1>	60	20	318	19	10>	.25	1.59	506	1>	.76	59	2>	.029	7.4	86	.56	1.0	2	55
57	GC557	4748.670	1430.580	12	1>	57	17	329	16	12	.25	1.45	503	1>	.75	56	2>	.027	8.5	79	.53	.8	3	51
58	GC558	4748.430	1432.050	1>	1>	83	19	333	21	15	.40	1.28	415	1>	.65	71	2>	.026	10.4	64	.43	1.0	2>	54
59	GC559	4747.920	1432.340	1>	5	59	41	1074	36	10	.27	3.93	1103	1>	2.08	174	2>	.046	7.2	186	.79	.2	2>	102
60	GC560	4747.780	1432.670	1>	1>	72	36	873	37	11	.25	2.68	1232	1>	2.28	143	2>	.056	17.2	161	1.16	.2	2>	111
61	GC561	4747.710	1432.560	1>	1>	57	36	988	34	10>	.24	3.88	988	1>	1.77	168	2>	.040	14.0	163	.66	.2>	2>	90
62	GC562	4748.030	1432.000	1>	1>	61	11	505	15	10>	.23	.82	349	1>	.42	40	2>	.039	9.7	52	.40	2.8	2>	39
63	GC563	4747.570	1431.800	1>	1>	33	23	376	25	10>	.15	1.81	713	1>	1.93	75	2>	.041	14.1	271	.74	.4	2>	64
64	GC564	4747.590	1431.500	1>	1>	42	25	377	31	10>	.21	1.98	824	1>	2.41	72	2>	.047	6.2	323	.87	.4	2>	73
65	GC565	4747.480	1431.940	1>	1>	57	11	414	14	10>	.20	.76	349	1>	.37	37	2>	.029	11.3	51	.40	2.0	2>	38
66	GC566	4747.150	1431.930	1>	1>	68	65	2056	25	10	.16	11.74	1048	1>	.84	1124	2>	.054	11.0	82	.57	.4	2>	161
67	GC567	4747.150	1432.120	1>	1>	67	14	315	16	10>	.30	1.00	347	1>	.53	54	2>	.024	11.9	56	.42	1.4	2>	43
68	GC568	4746.500	1432.350	1>	1>	60	12	447	15	13	.22	.92	372	1>	.41	51	3	.038	7.4	57	.44	1.2	2>	43
69	GC569	4746.040	1432.390	1>	1>	57	14	782	22	10	.22	1.12	593	1>	.49	73	2>	.063	11.9	87	.65	1.0	2>	66
70	GC570	4746.210	1432.980	1>	1>	69	39	912	39	10>	.23	4.01	1120	1>	1.84	120	2>	.055	15.4	140	.93	.2	2>	97
71	GC571	4746.450	1433.220	1>	1>	101	39	1196	38	10>	.34	4.12	1136	1>	1.86	162	2>	.047	11.9	143	.77	.4	2>	94
72	GC572	4746.300	1433.240	1>	1>	11	33	423	19	10>	.03	2.52	1408	1>	2.20	64	2>	.036	19.4	143	1.54	.2>	2>	76
73	GC573	4745.820	1432.860	1>	1>	65	20	528	20	10>	.32	1.24	481	1>	.59	78	5	.043	7.3	76	.55	1.0	2	59
74	GC574	4745.520	1433.070	1>	1>	73	18	363	20	11	.38	1.30	485	1>	.63	79	2>	.043	12.1	74	.58	1.2	2>	66
75	GC575	4744.700	1432.960	1>	1>	27	23	162	31	10>	.08	1.46	1052	1>	1.93	24	2>	.046	15.3	86	1.02	.2	2>	94
76	GC576	4745.200	1433.300	1>	1>	74	15	455	22	14	.41	1.34	485	1>	.67	83	2>	.031	10.2	76	.58	1.2	2>	65
77	GC577	4745.190	1433.800	1>	1	65	23	924	20	10>	.27	1.19	689	1>	.50	82	2>	.077	10.8	83	.73	1.4	2>	73
78	GC578	4744.860	1434.500	1>	1>	71	28	1169	44	10>	.31	3.03	1163	1>	1.84	127	2>	.116	19.4	157	.82	.4	2>	108
79	GC579	4744.770	1434.880	1>	1>	67	31	939	39	10	.26	2.74	1042	1>	1.61	110	2>	.109	13.7	146	.76	.8	2>	95
80	GC580	4744.670	1434.870	1>	1>	40	27	353	32	10>	.18	2.34	833	1>	2.15	80	2>	.038	15.7	137	.88	.2>	4	98
81	GC581	4744.500	1434.030	1>	1>	64	13	575	18	10>	.29	1.05	438	1>	.42	75	2>	.037	6.9	60	.53	1.4	2>	63
82	GC582	4744.120	1434.050	1>	1>	66	13	339	18	12	.31	1.10	407	1>	.48	70	6	.031	5.3	63	.52	1.2	2>	56
83	GC583	4743.720	1433.870	1>	1>	21	23	195	28	10>	.13	1.68	1263	1>	1.60	33	2>	.053	14.6	123	1.36	.2	2>	120
84	GC584	4743.820	1434.400	1>	1>	69	11	352	18	14	.34	1.14	398	1>	.49	73	2>	.028	6.5	59	.49	1.0	2>	56
85	GC585	4743.000	1434.630	1>	1>	35	34	1292	28	10>	.21	2.89	1018	1>	1.90	196	2>	.032	23.6	140	.87	.2	2>	111
86	GC586	4742.930	1434.850	1>	1>	42	79	5414	26	10	.16	8.16	1627	1>	.69	778	2>	.036	30.0	65	.75	.2	2>	178
87	GC587	4742.830	1434.750	1>	1>	66	16	370	17	11	.32	1.02	386	1>	.44	68	2>	.028	6.6	57	.49	1.0	2>	55
88	GC588	4746.090	1431.830	1>	1>	58	16	413	14	10>	.24	.81	296	1>	.43	39	6	.025	5.9	52	.32	.8	2>	31
89	GC589	4745.600	1431.570	1>	1>	19	23	120	38	10>	.08	1.92	982	1>	2.91	26	30	.057	43.6	115	.98	.2>	2	75
90	GC590	4745.100	1431.610	1>	1>	13	35	169	48	10>	.04	2.70	1052	1>	2.69	37	28	.101	54.9	112	.95	.2>	3	85
91	GC591	4745.070	1431.760	15	1>	25	33	162	45	10>	.08	2.25	1101	1>	2.81	31	44	.103	53.2	115	1.08	.2	5	87
92	GC592	4744.620	1431.910	1>	1>	28	26	127	41	10>	.11	1.89	1066	1>	3.17	22	38	.070	47.2	124	1.08	.2>	2>	86
93	GC593	4746.080	1431.500	1>	1>	58	13	309	14	14	.24	.77	290	1>	.43	37	13	.026	16.8	48	.31	1.2	6	33
94	GC594	4745.950	1431.170	1>	1>	60	12	354	15	10>	.23	.82	330	1>	.43	38	11	.026	22.4	52	.35	1.0	2	32
95	GC595	4746.110	1430.840	1>	1>	49	10	312	55	10	.18	.60	244	1>	.28	36	13	1.714	19.3	40	.27	1.0	3	31
96	GC596	4746.470	1430.400	1>	1>	66	13	687	14	13	.23	.72	357	1>	.35	41	24	.034	25.5	45	.38	2.6	2>	37
97	GC597	4746.910	1430.130	3	1>	44	37	279	32	10>	.19	2.67	1013	1>	1.29	58	21	.041	50.1	141	1.05	.4	3	68
98	GC598	4747.350	1430.280	1>	1>	34	37	345	35	14	.16	3.17	833	1>	1.42	86	29	.045	47.0	147	.77	.4	3	64
99	GC599	4747.370	1430.130	1>	1>	38	30	278	35	10>	.21	2.27	1017	1>	1.24	58	27	.037	47.1	139	1.09	.4	2>	69
100	GC600	4746.500	1429.900	1>	1>	62	12	375	13	11	.24	.66	250	1>	.36	31	15	.023	18.3	43	.28	1.4	2>	28

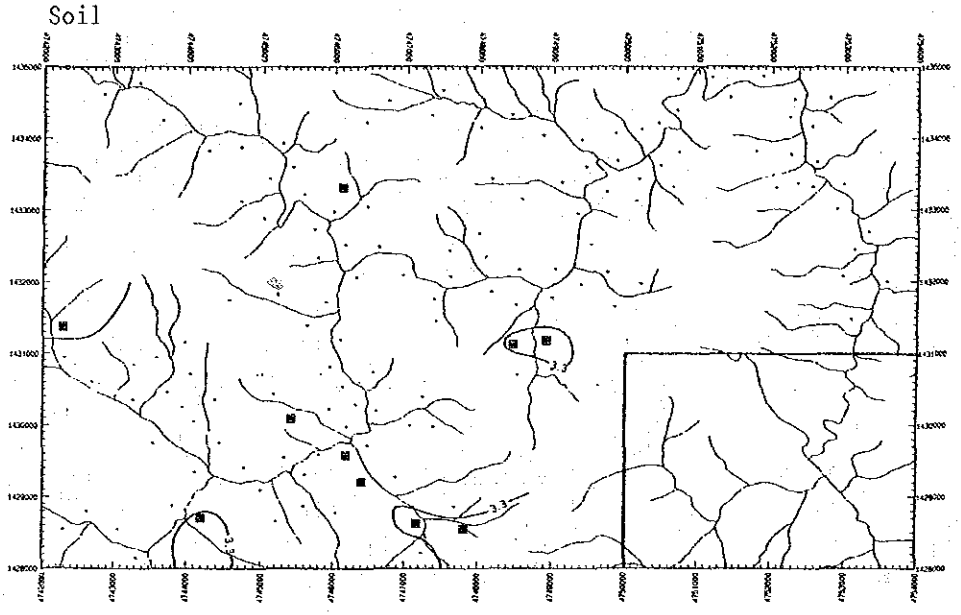
List of Geochemical Analysis (3)

Ser. No.	Sample No.	Location (km) X-coord	Location (km) Y-coord	As ppm	Au ppb	Ba ppm	Co ppm	Cr ppm	Cu ppm	Hg ppb	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	Pb ppm	S %	Sb ppm	Sr ppm	Ti %	U ppm	W ppm	Zn ppm
101	GC601	4746.520	1429.360	1>	1>	50	12	199	11	11	.19	.50	194	1>	.26	34	15	.013	15.9	35	.22	1.2	3	26
102	GC602	4746.780	1429.120	1>	1>	49	9	199	9	15	.20	.36	104	1>	.19	20	12	.011	12.0	24	.17	1.4	4	19
103	GC603	4747.050	1428.920	1>	1>	43	6	144	11	13	.18	.47	153	1>	.26	23	2>	.009	6.4	25	.15	.8	2>	23
104	GC604	4747.820	1428.780	1>	1>	178	17	289	22	17	.53	.82	460	1>	.86	31	2>	.019	7.9	119	.38	1.0	2>	45
105	GC605	4747.900	1428.680	1	1>	213	12	231	26	21	.60	.96	504	1>	1.14	36	2>	.027	8.7	152	.42	1.0	2>	52
106	GC606	4747.340	1428.620	1>	1>	55	8	255	13	10	.24	.61	205	1>	.34	37	2>	.014	7.6	33	.22	1.2	2>	27
107	GC607	4745.800	1430.130	1>	1>	46	29	494	38	10>	.21	1.96	716	1>	1.73	105	2>	.036	14.1	163	.57	.4	2>	63
108	GC608	4745.390	1430.260	1>	1>	49	27	530	33	10>	.18	2.23	1022	1>	2.15	137	2>	.037	10.0	129	.97	.4	2>	70
109	GC609	4744.980	1430.370	1>	1>	38	29	644	32	10>	.17	2.15	1013	1>	2.16	137	2>	.049	10.0	131	.99	.4	2>	68
110	GC610	4745.660	1429.760	1>	45	62	29	859	30	19	.26	2.95	755	1>	1.25	201	2>	.047	15.0	147	.69	.4	2	71
111	GC611	4745.650	1429.610	1>	1>	69	11	249	15	10	.27	.68	241	1>	.37	34	5	.019	8.6	39	.26	1.2	3	31
112	GC612	4745.730	1428.960	4	1>	90	22	529	21	14	.41	1.23	505	1>	.70	61	2>	.027	9.7	63	.37	1.0	3	48
113	GC613	4746.000	1428.600	1>	1>	99	24	374	25	15	.57	1.19	538	1>	.57	59	2>	.020	7.7	47	.34	1.0	2>	53
114	GC614	4745.290	1429.400	1>	1>	68	8	290	11	12	.25	.56	192	1>	.30	38	29	.022	6.9	36	.24	1.2	3	29
115	GC615	4745.340	1428.800	1>	1>	107	27	473	34	18	.36	2.36	840	1>	1.48	113	2>	.047	10.3	95	.53	.6	2>	65
116	GC616	4745.030	1429.260	1>	1>	64	5	200	10	13	.24	.50	166	1>	.25	24	2>	.016	3.8	30	.22	1.4	2	25
117	GC617	4744.700	1429.250	1>	1>	55	8	143	8	15	.19	.36	115	1>	.17	19	2	.011	3.4	22	.16	1.2	2>	23
118	GC618	4744.300	1429.400	1>	1>	65	25	397	28	11	.31	1.78	621	1>	1.05	71	2>	.040	6.9	104	.52	.6	2>	56
119	GC619	4744.300	1429.780	1>	1>	67	20	522	30	10>	.27	2.05	915	1>	1.29	122	2>	.036	12.1	146	.61	.6	2>	59
120	GC620	4744.270	1430.080	1>	1>	72	23	689	35	10>	.33	2.45	1082	1>	1.64	144	2>	.046	12.9	173	.70	.4	2>	70
121	GC621	4744.210	1430.370	1>	1>	65	23	481	35	10>	.27	2.40	939	1>	1.54	184	2>	.037	9.6	158	.61	.4	2>	67
122	GC622	4744.240	1430.770	1>	1>	52	18	498	34	10>	.27	2.78	858	1>	1.59	138	2>	.044	16.2	192	.59	.2	2>	67
123	GC623	4743.950	1429.720	1>	1>	50	18	364	22	10	.20	1.26	502	1>	.64	52	2>	.042	8.5	77	.49	.8	2>	44
124	GC624	4743.680	1429.900	1>	1>	68	16	371	28	10>	.29	1.73	637	1>	.92	65	2>	.053	14.2	104	.62	.8	2>	56
125	GC625	4743.640	1430.560	1>	1>	60	20	275	42	11	.26	2.48	960	1>	1.94	102	2>	.047	12.5	166	.81	.4	2>	80
126	GC626	4743.770	1431.100	1>	1>	58	29	279	42	24	.29	2.63	943	1>	1.98	115	2>	.045	8.0	175	.77	.4	2>	80
127	GC627	4743.660	1431.080	1>	1>	53	22	228	35	18	.26	1.62	872	1>	1.84	45	2>	.161	8.0	124	.63	.6	2>	86
128	GC628	4743.250	1430.200	1>	1>	68	15	269	27	17	.32	1.66	555	1>	.97	66	2>	.041	10.8	96	.48	1.0	3	54
129	GC629	4743.000	1430.430	1>	1>	38	29	264	21	10>	.19	2.04	1684	1>	.91	62	2>	.031	19.0	122	1.62	.4	2>	59
130	GC630	4743.120	1430.780	1>	1>	25	40	324	28	10	.04	3.78	2605	1>	1.50	94	2>	.046	17.3	204	3.01	.2>	2>	85
131	GC631	4742.850	1430.380	1>	1>	72	13	164	16	10>	.26	.76	283	1>	.51	27	2>	.030	8.1	57	.29	1.2	2>	35
132	GC632	4742.290	1430.670	1>	1>	88	15	137	18	10>	.36	.89	308	1>	.70	31	2>	.038	5.8	68	.31	1.0	2>	40
133	GC633	4742.120	1431.000	1>	1>	78	14	128	20	10>	.31	.82	338	1>	.75	28	2>	.038	5.1	72	.31	1.0	2>	40
134	GC634	4742.100	1431.380	2	1>	95	10	190	19	10>	.35	.85	286	1>	.58	30	2>	.029	4.9	63	.26	1.0	3	38
135	GC635	4742.180	1431.520	1>	1>	24	23	160	33	10>	.14	1.63	609	1>	1.41	43	2>	.046	10.6	140	.44	.2	2>	56
136	GC636	4744.100	1429.050	1>	1>	62	4	199	7	10>	.17	.30	99	1>	.14	20	6	.014	3.9	21	.16	2.4	2>	22
137	GC637	4743.850	1428.640	1>	1>	61	8	188	11	11	.22	.55	161	1>	.31	26	2>	.015	5.7	29	.20	1.2	2	29
138	GC638	4743.650	1428.440	3	1>	61	4	207	7	10>	.19	.20	60	1>	.09	29	4	.013	3.1	16	.15	1.6	2>	19
139	GC639	4742.900	1428.480	1>	1>	65	7	181	8	10>	.20	.31	99	1>	.15	19	6	.013	5.5	20	.17	1.6	2>	21
140	GC640	4742.400	1428.680	1>	1>	75	10	192	12	12	.24	.62	171	1>	.34	27	2>	.020	8.8	33	.24	1.4	2	31

Appendix 29

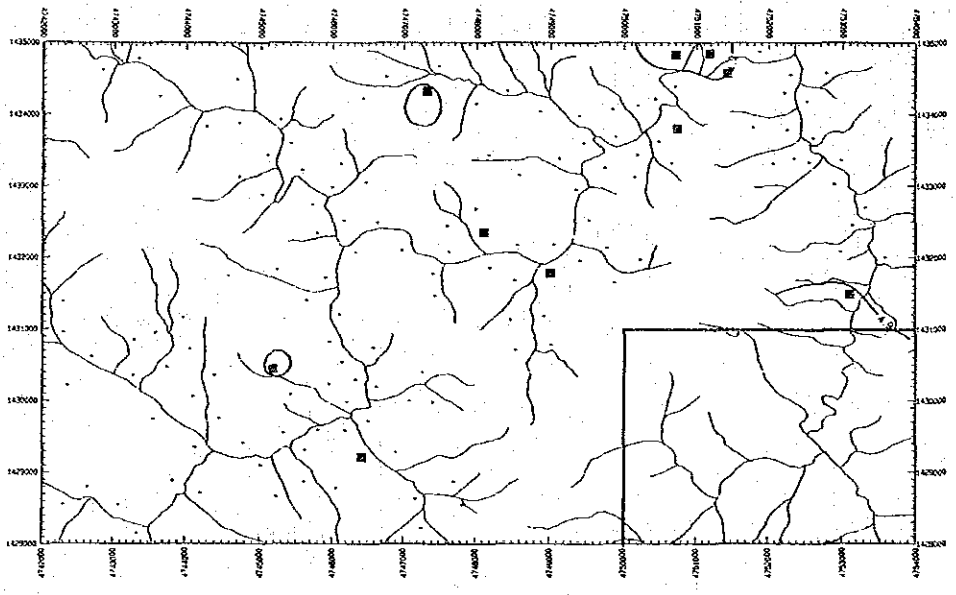
Distribution map of elements in Area C

Soil



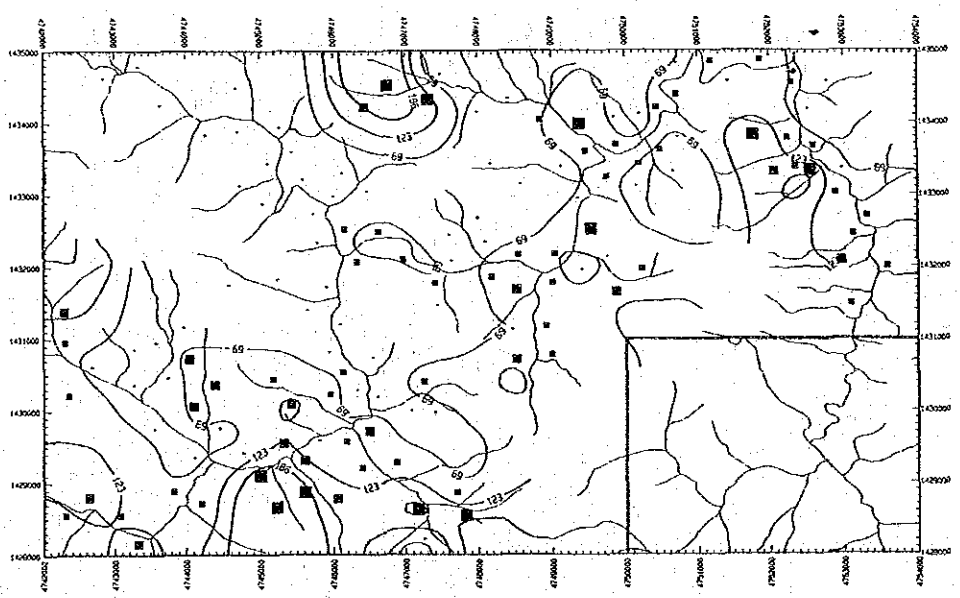
As

3.300



Au

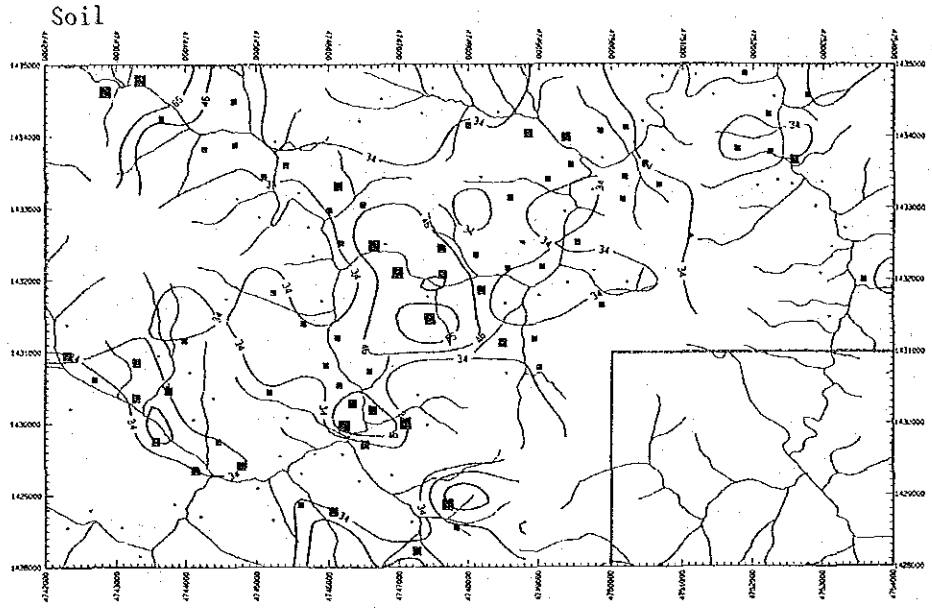
4.900



Ba

186.000
123.000
69.000

Soil


Co
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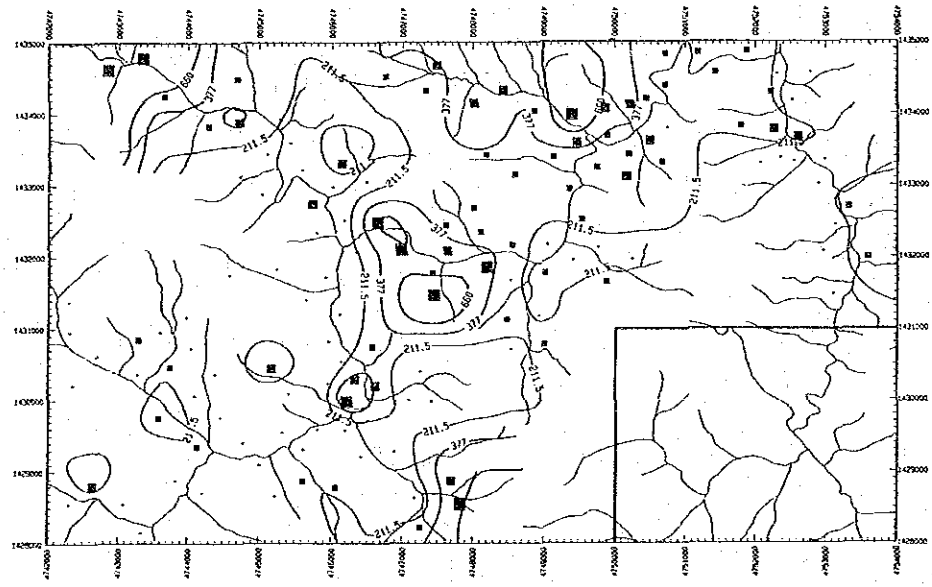
45.000
34.000


Cr
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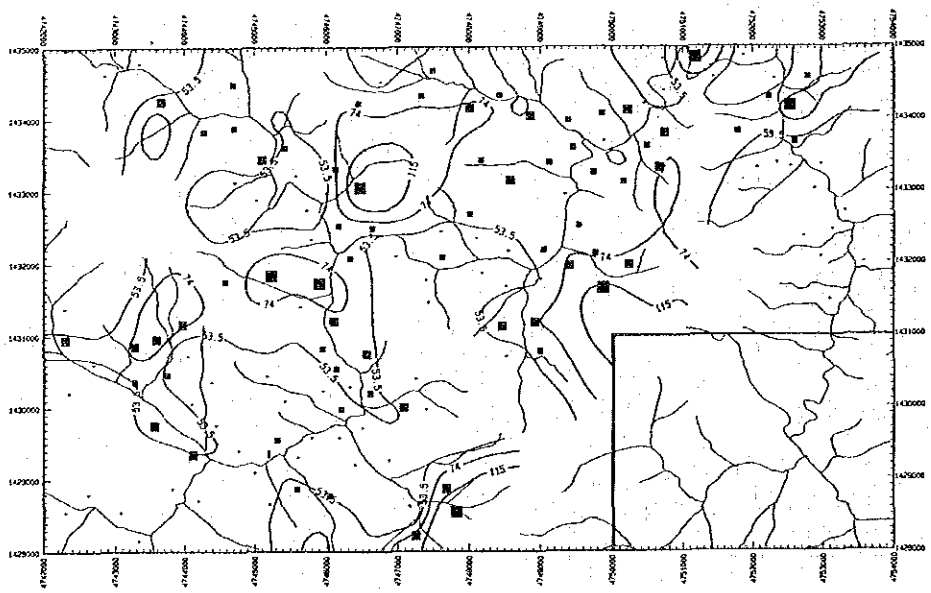
377.000
211.500


Cu
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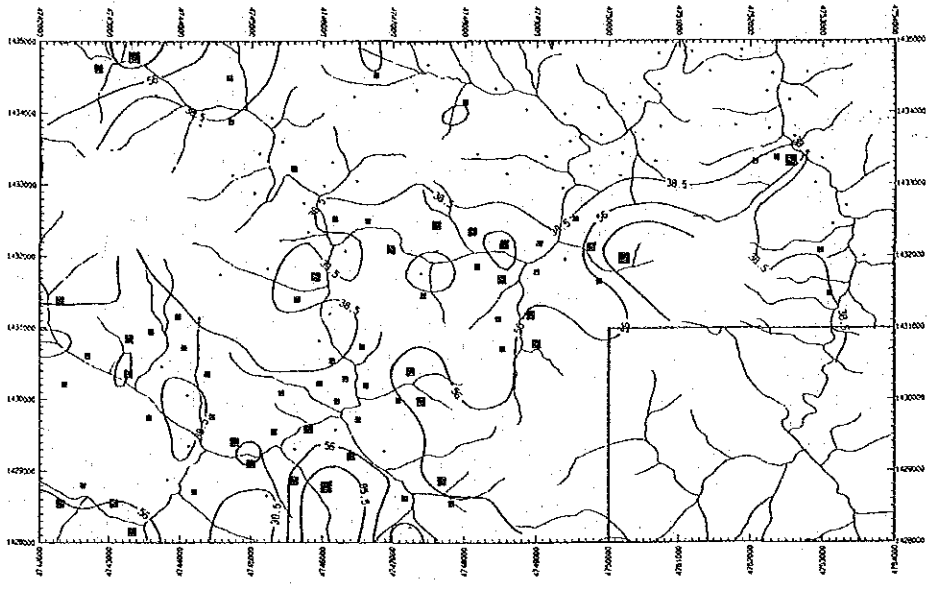
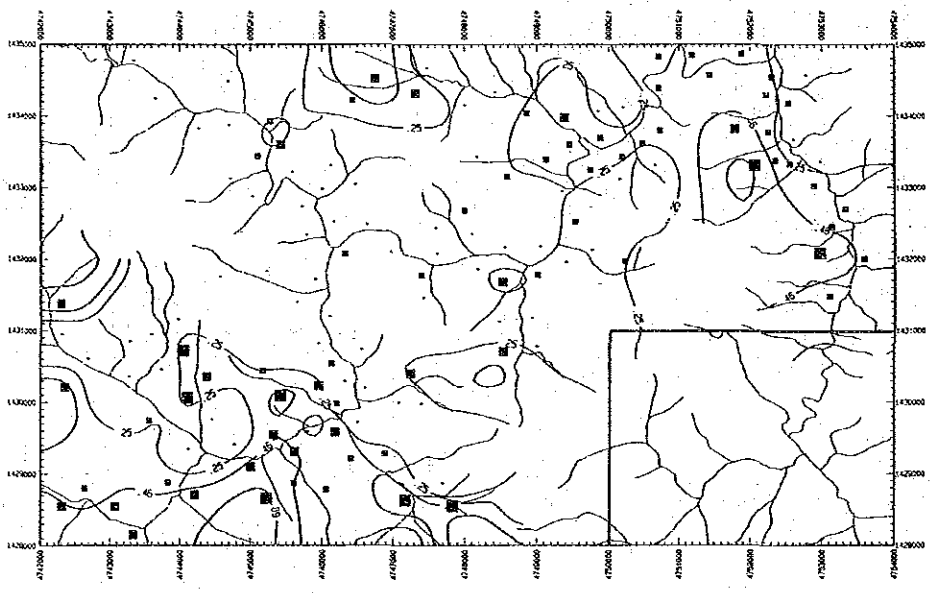
74.000
53.500

Soil



Hg

85.500
56.000
38.500



K

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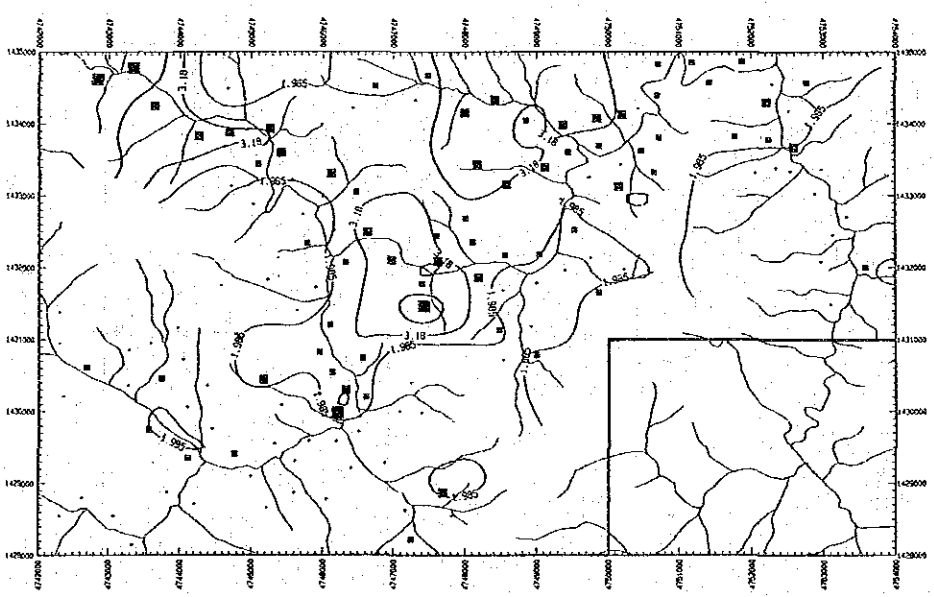
.250



Mg

5.985
3.180
1.985