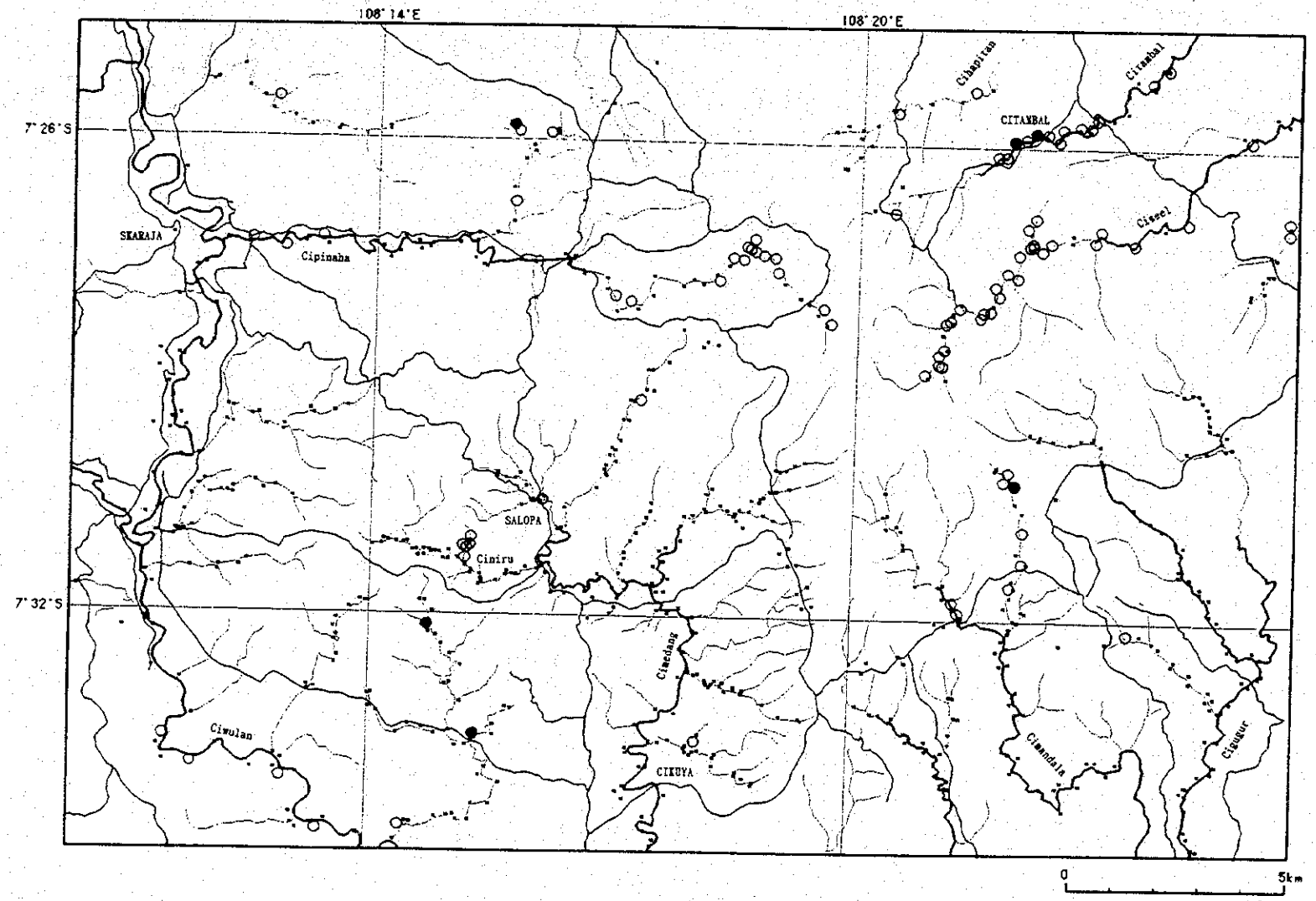
SALOPA AREA



Stream Sediment Geochemistry

Ba

● >240ppm

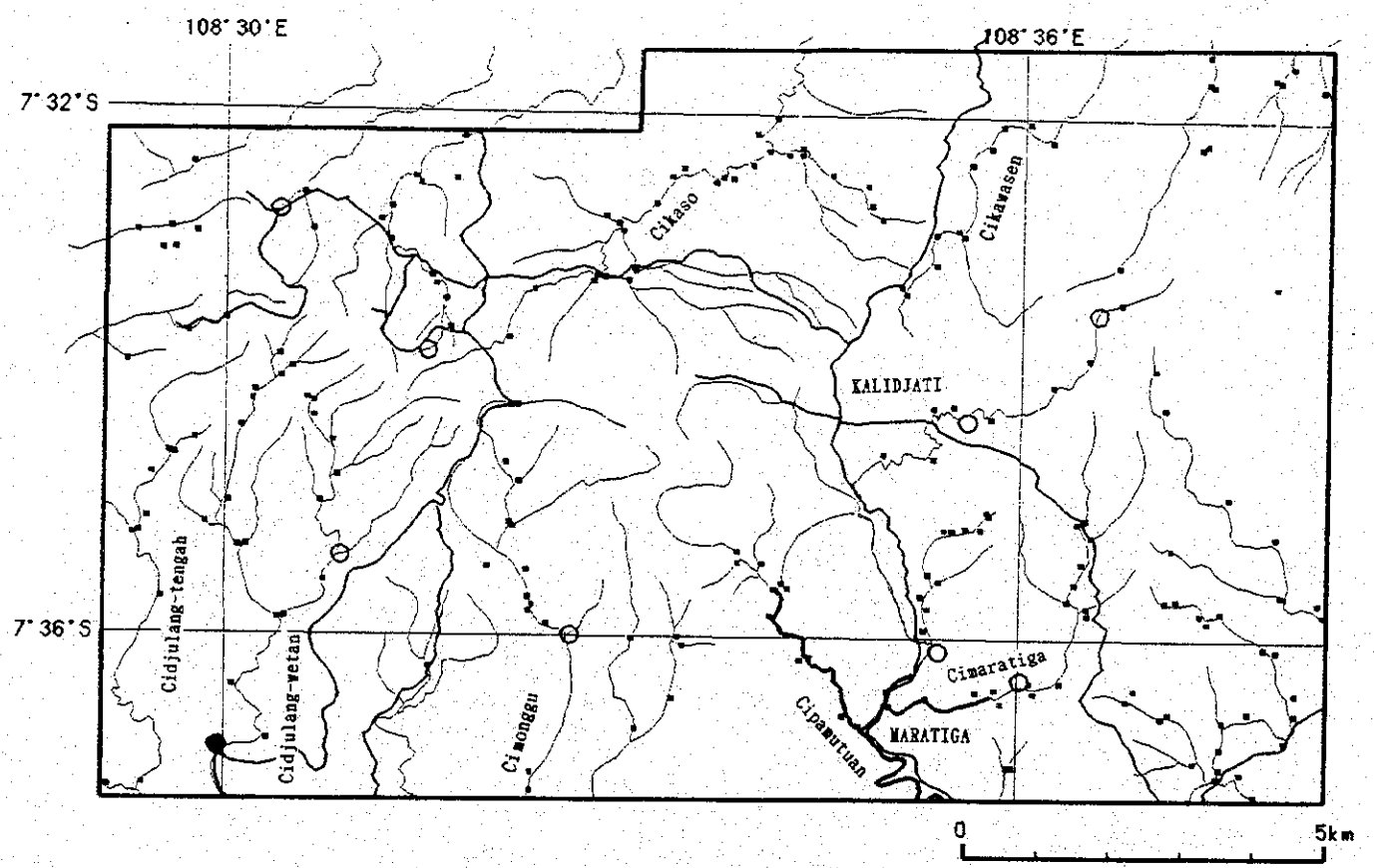
○ >150ppm

• <150ppm

SIDAMULIH AREA

Stream Sediment Geochemistry

Au

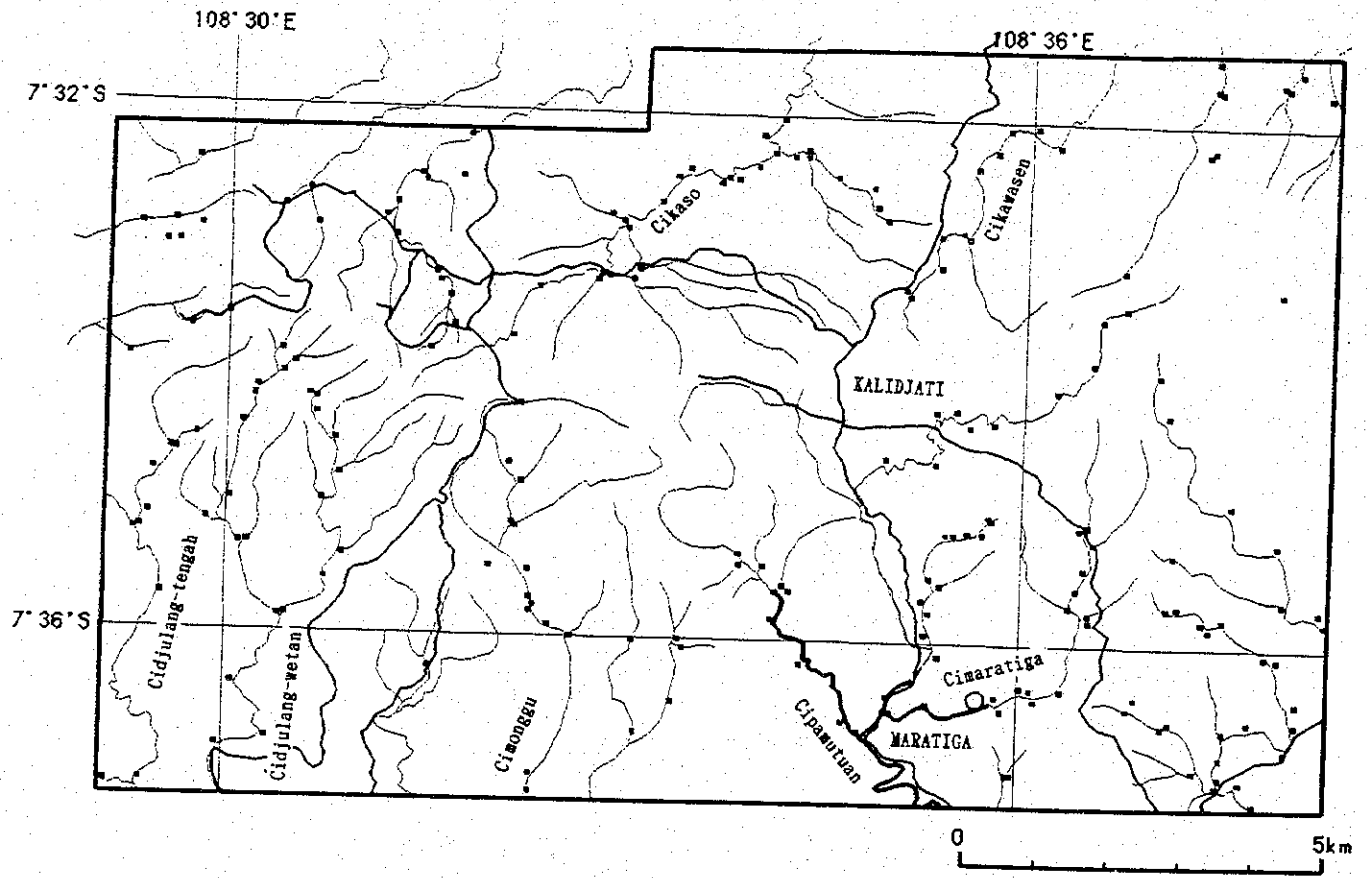


● >95ppb

○ >13ppb

• <13ppb

SIDAMULIH AREA



Stream Sediment Geochemistry

Ag

● >5.00ppm

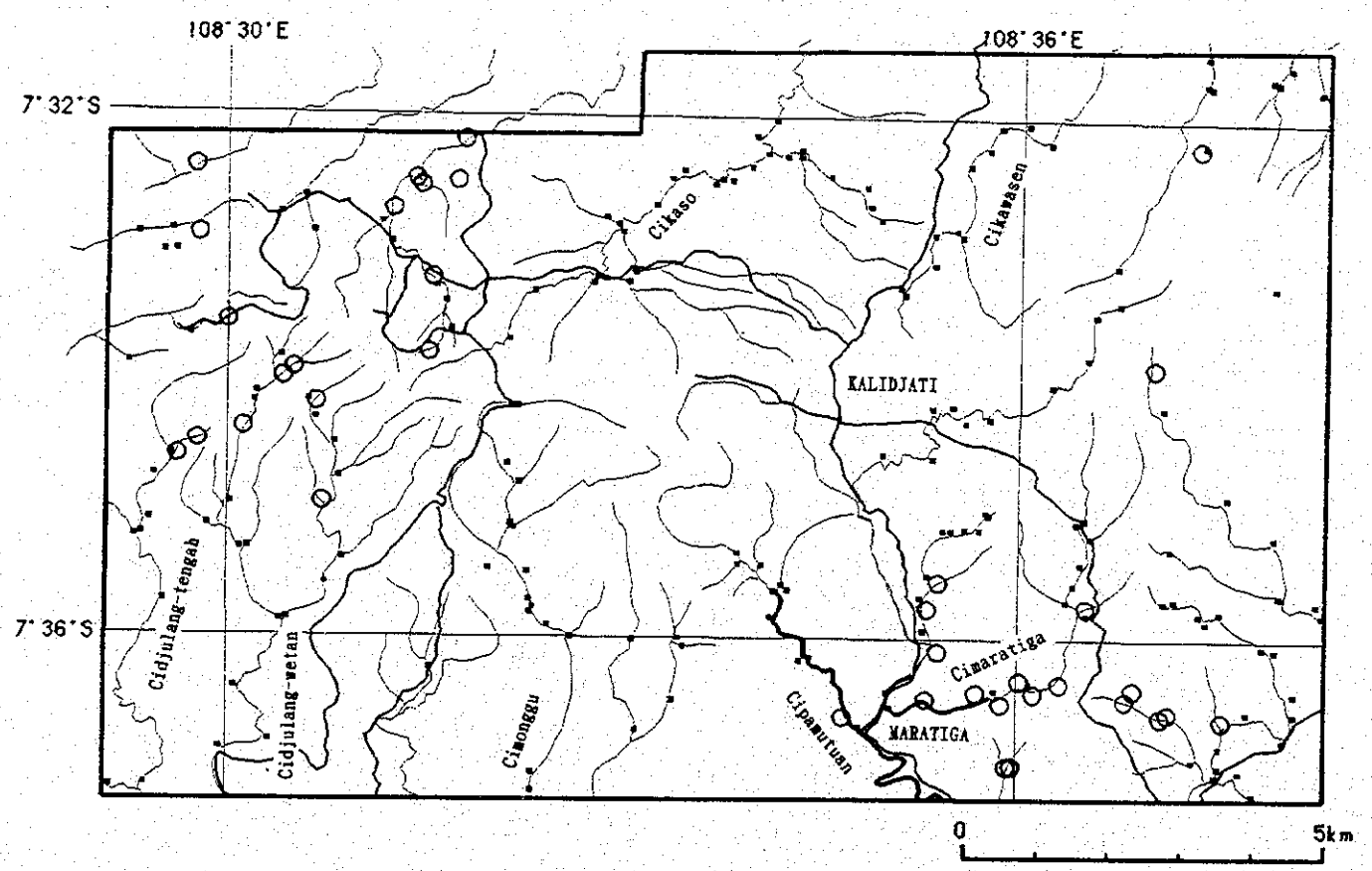
○ >0.12ppm

▪ <0.12ppm

SIDAMULIH AREA

Stream Sediment Geochemistry

Cu

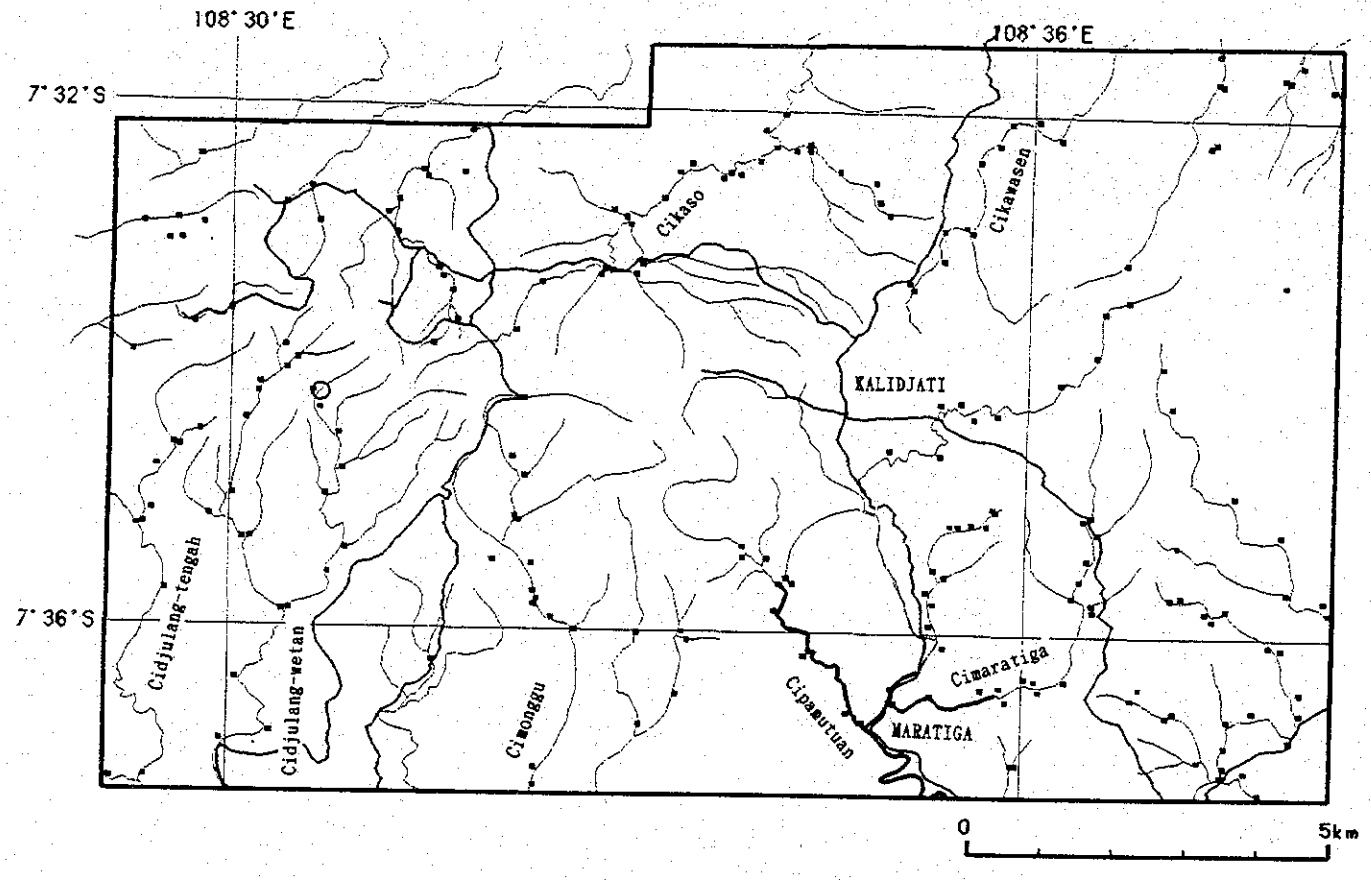


● >80.0ppm

○ >44.0ppm

· <44.0ppm

SIDAMULIH AREA



Stream Sediment Geochemistry

Pb

● >42.0ppm

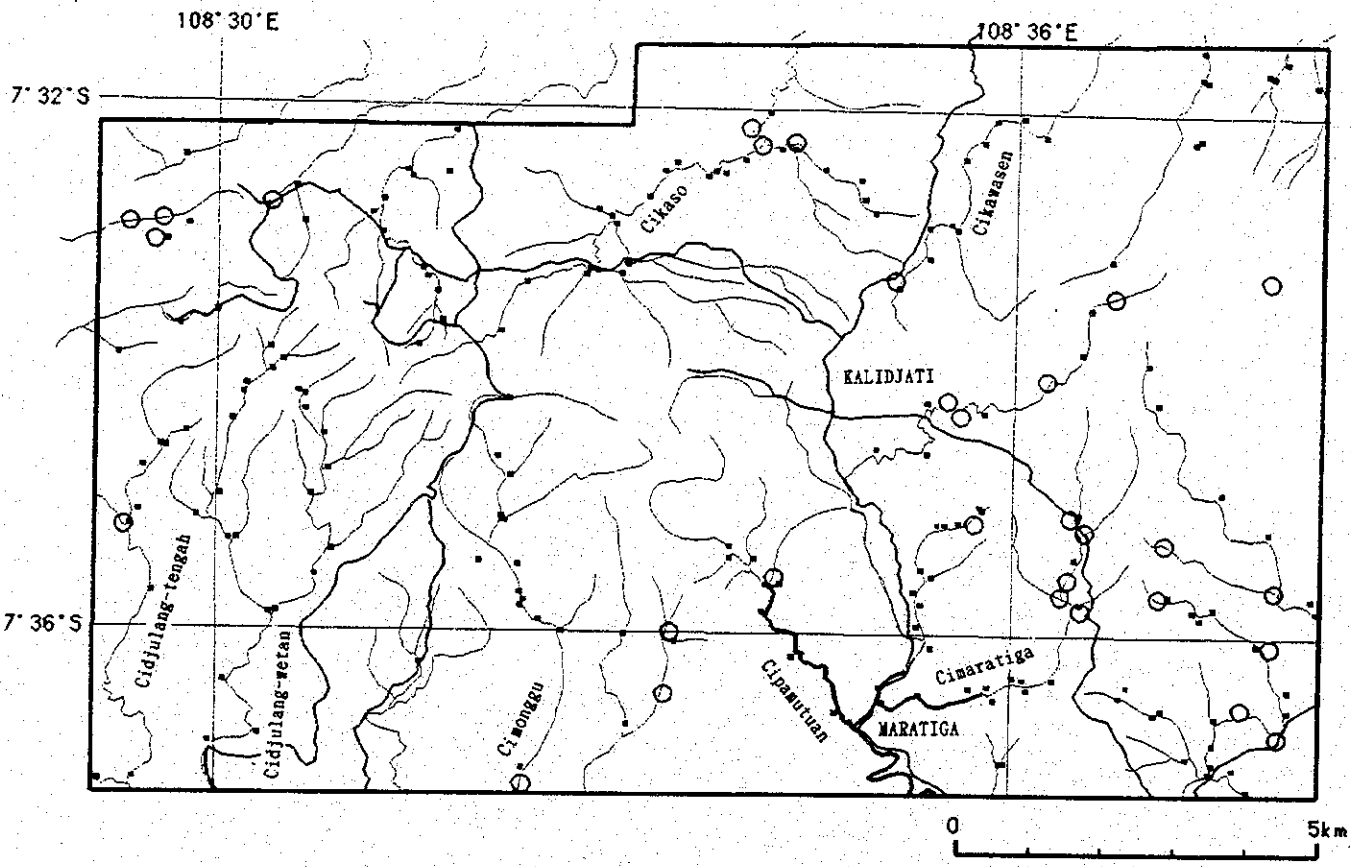
○ >20.0ppm

• <20.0ppm

SIDAMULIH AREA

Stream Sediment Geochemistry

Zn



● >450ppm

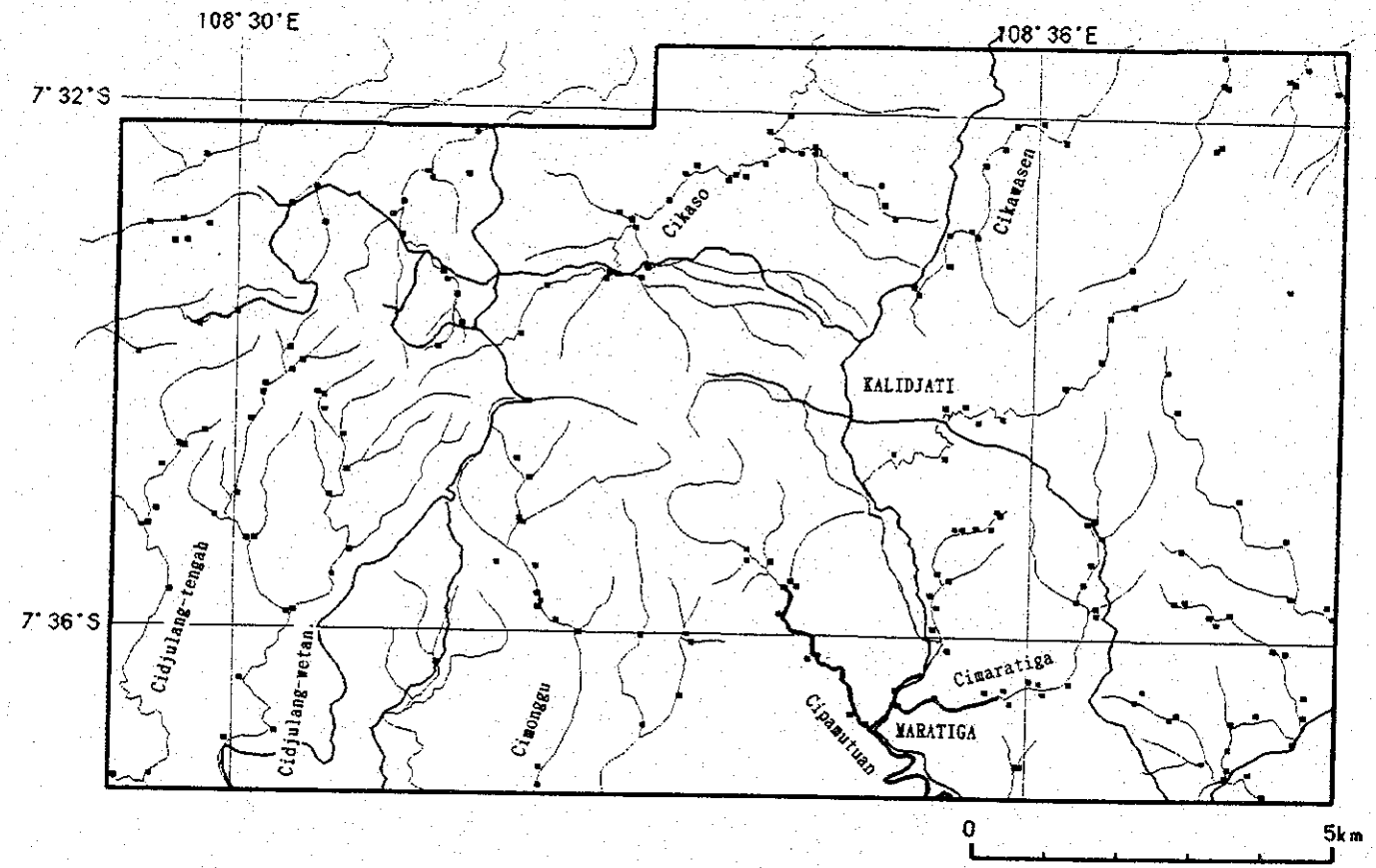
○ >257ppm

· <257ppm

SIDAMULIH AREA

Stream Sediment Geochemistry

As



● >115.6ppm

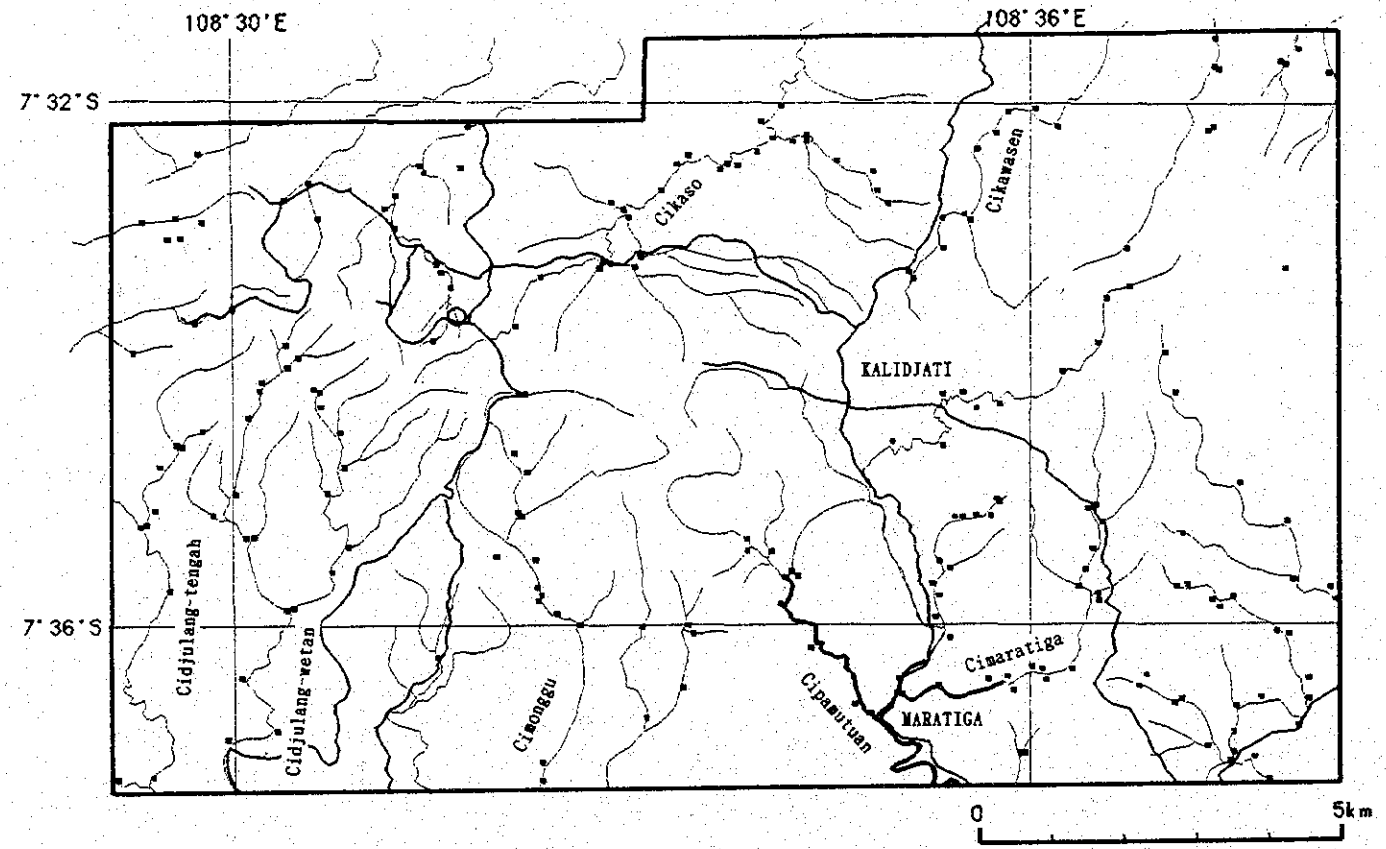
○ >25.2ppm

▪ <25.2ppm

SIDAMULIH AREA

Stream Sediment Geochemistry

Sb



● >2.0ppm

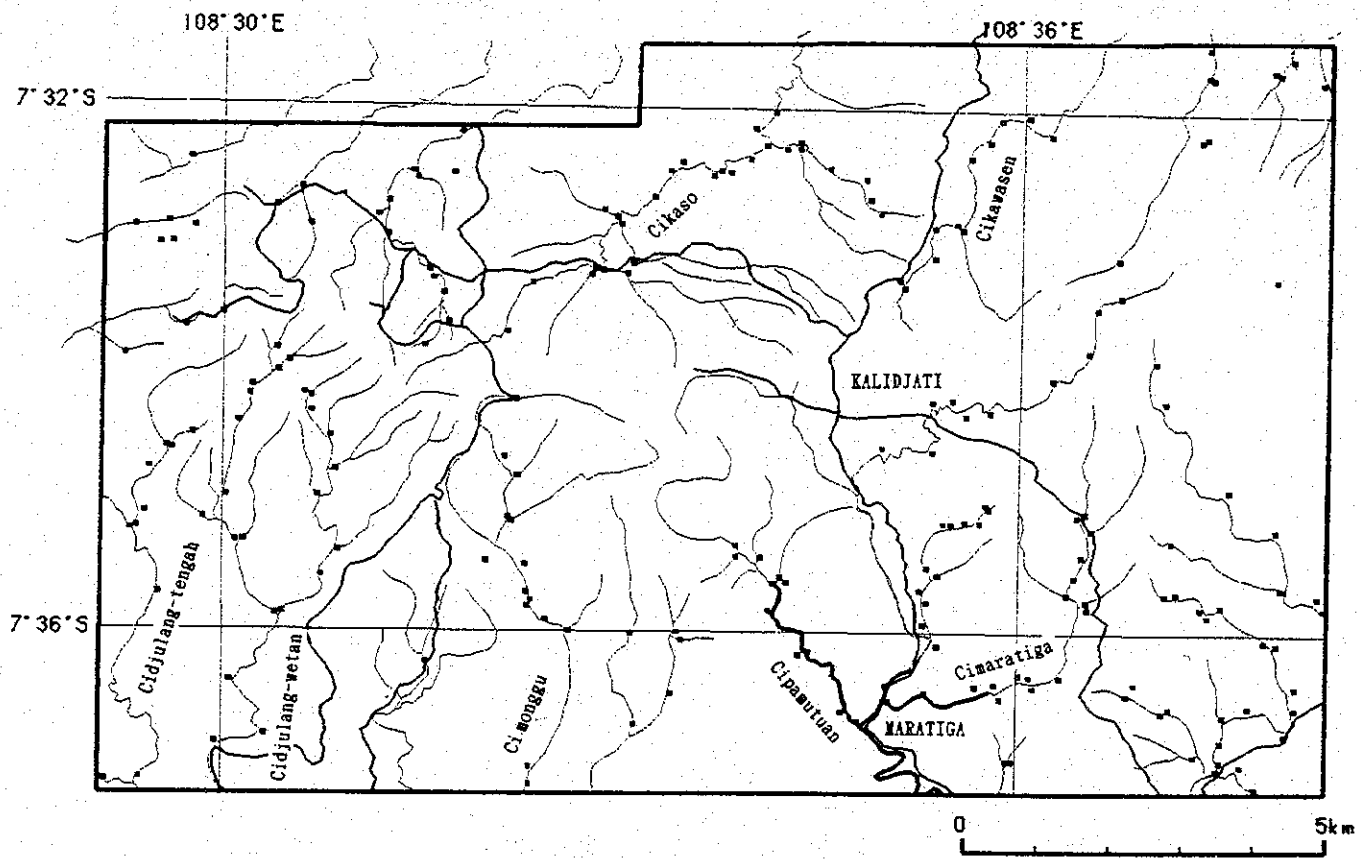
○ >0.6ppm

• <0.6ppm

SIDAMULIH AREA

Stream Sediment Geochemistry

Hg



● >1.1ppm

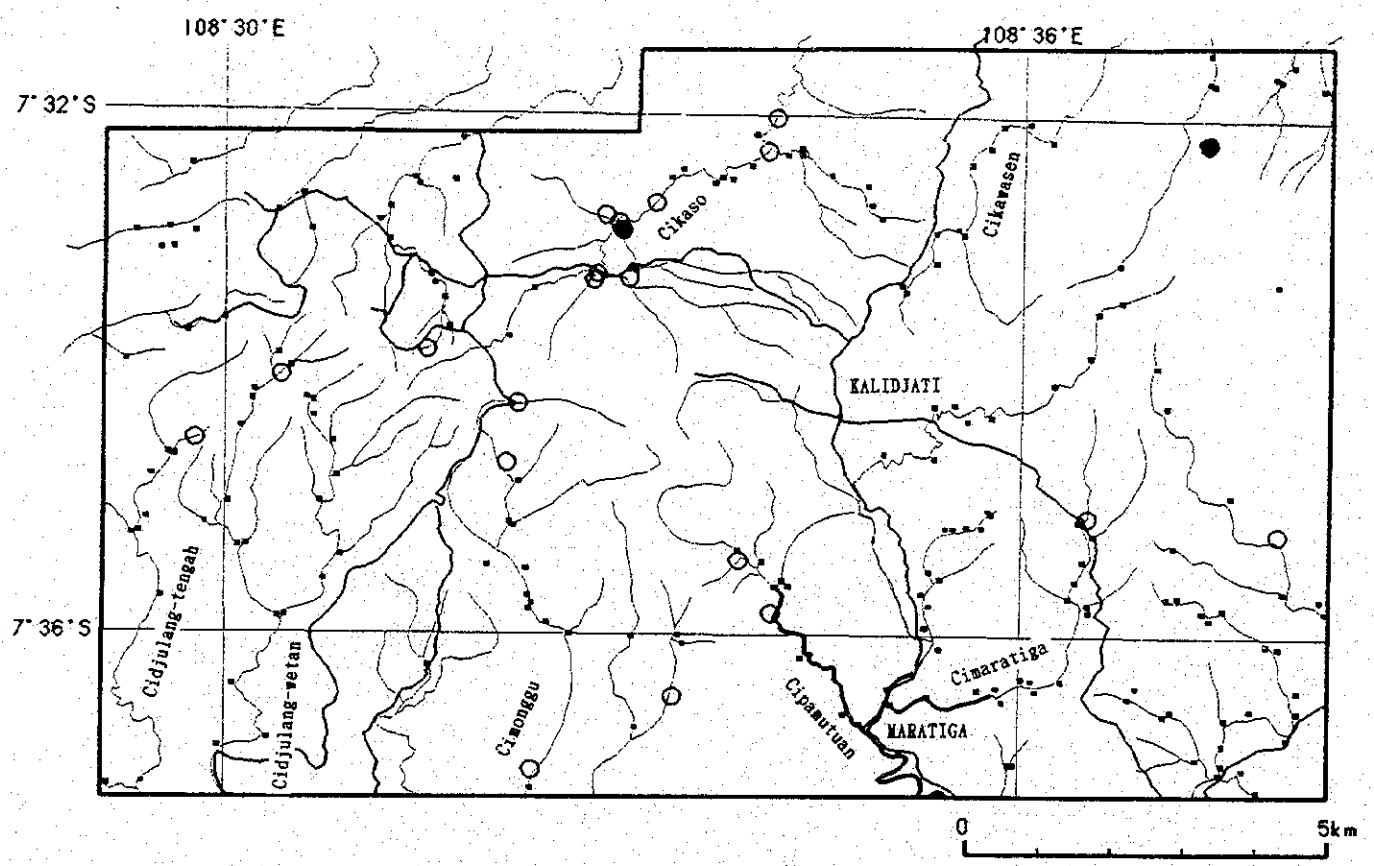
○ >0.3ppm

• <0.3ppm

SIDAMULIH AREA

Stream Sediment Geochemistry

P



● >720ppm

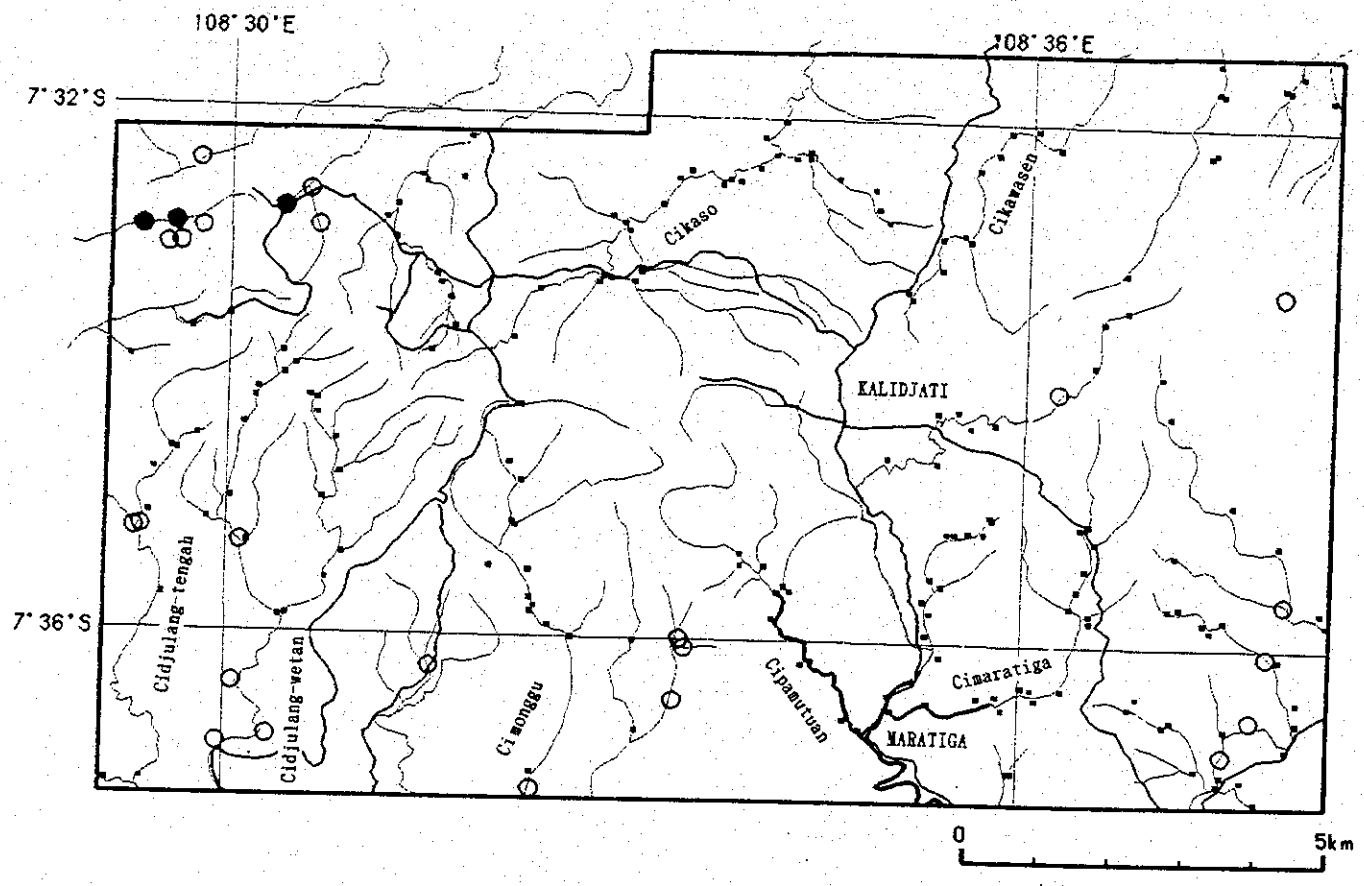
○ >500ppm

• <500ppm

SIDAMULIH AREA

Stream Sediment Geochemistry

Cr



● >870ppm

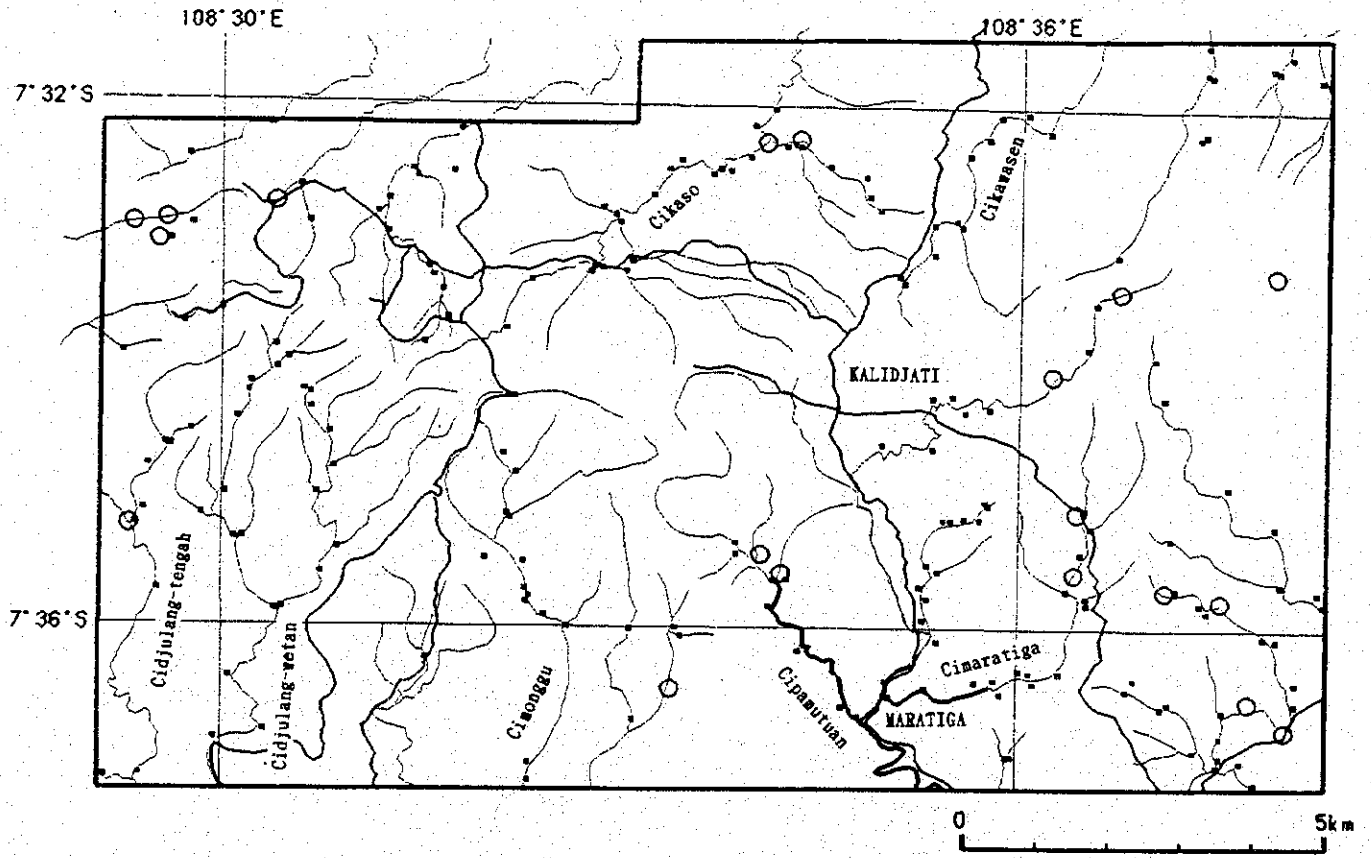
○ >390ppm

▪ <390ppm

SIDAMULIH AREA

Stream Sediment Geochemistry

Mn



● >3300ppm

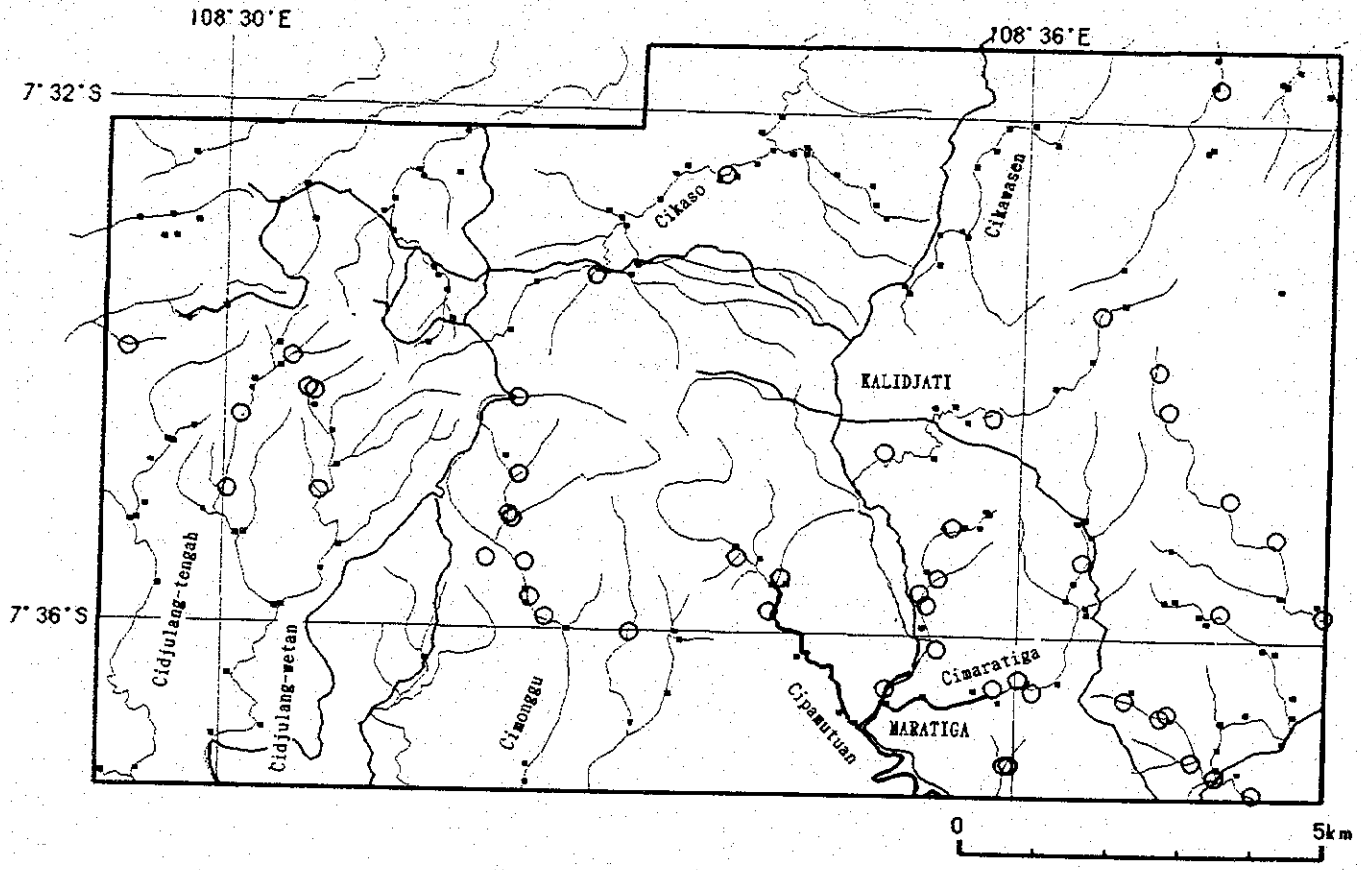
○ >2200ppm

· <2200ppm

SIDAMULIH AREA

Stream Sediment Geochemistry

Ba

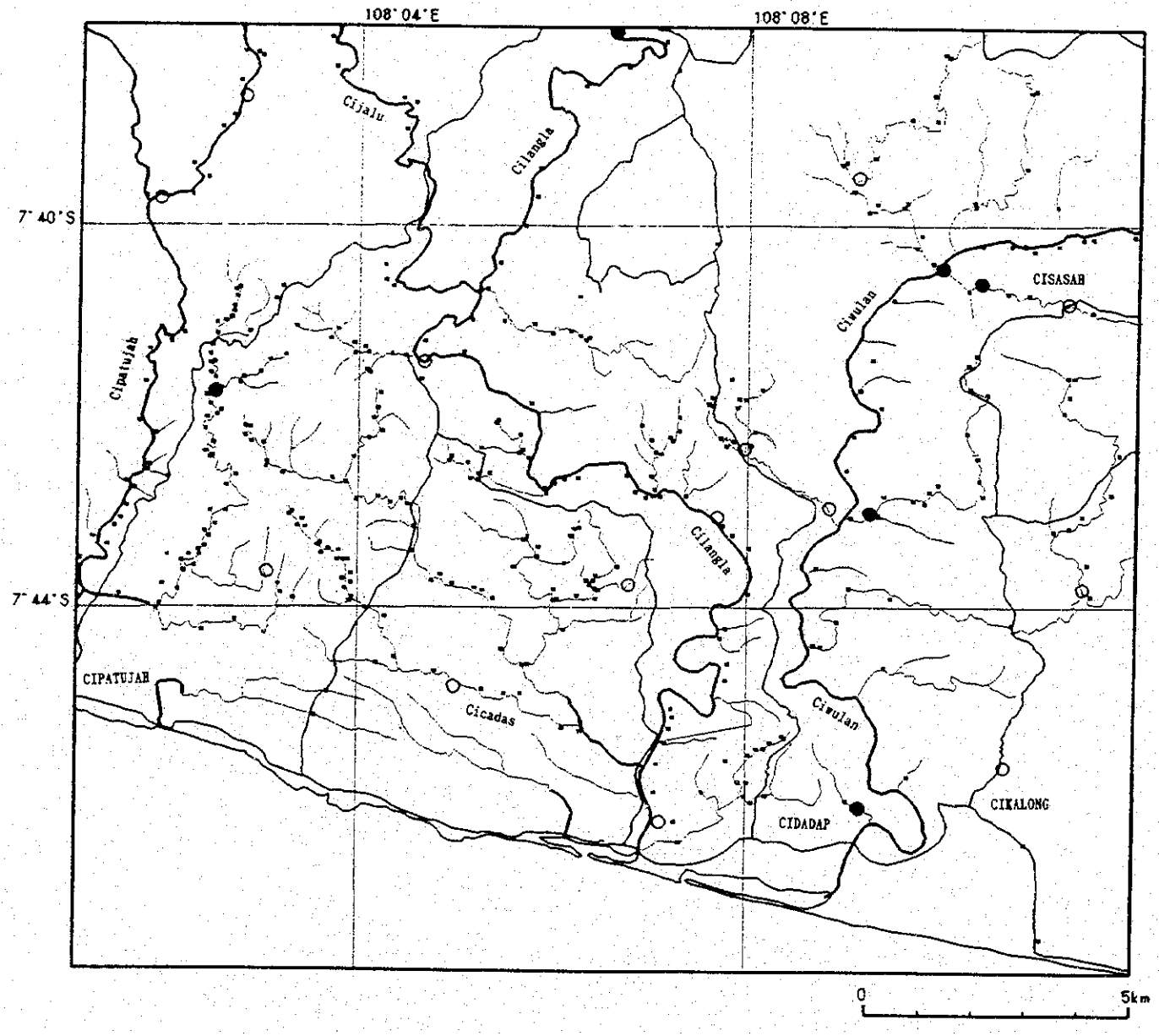


● >240ppm

○ >150ppm

▪ <150ppm

CISASAH AREA



Stream Sediment Geochemistry

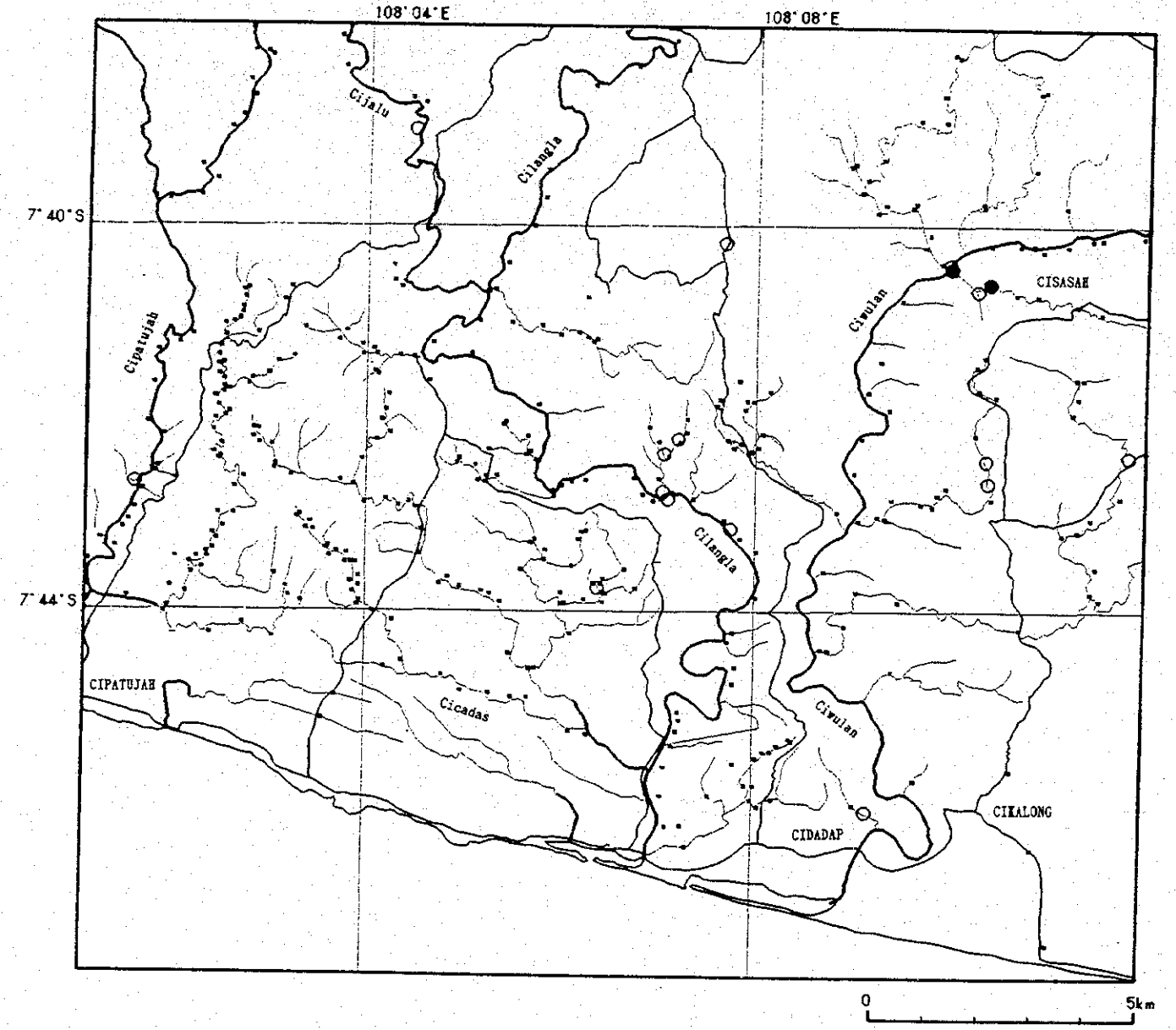
Au

● >95ppb

○ >13ppb

· <13ppb

CISASAH AREA



Stream Sediment Geochemistry

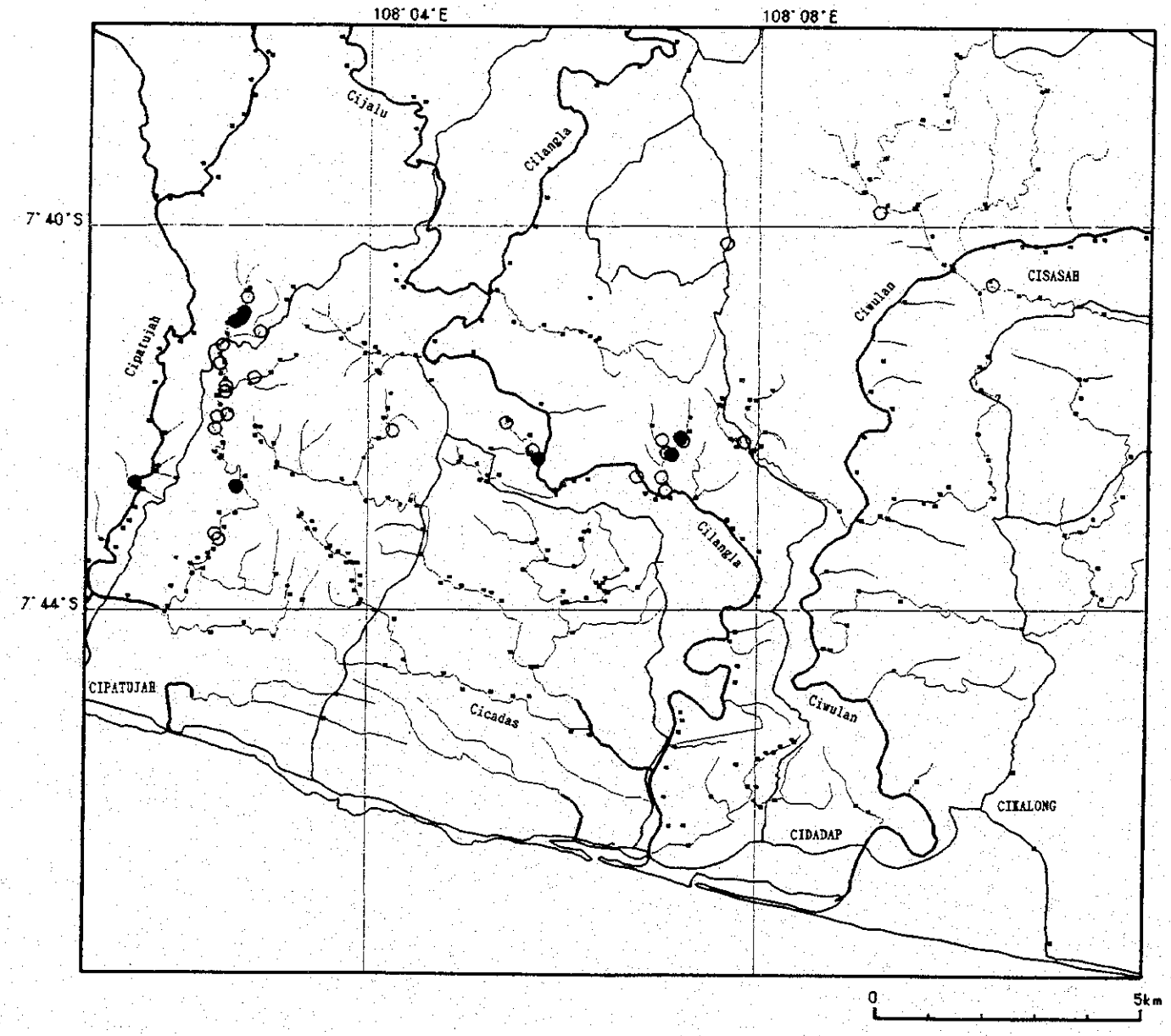
Ag

● >5.00ppm

○ >0.12ppm

• <0.12ppm

CISASAH AREA



Stream Sediment Geochemistry

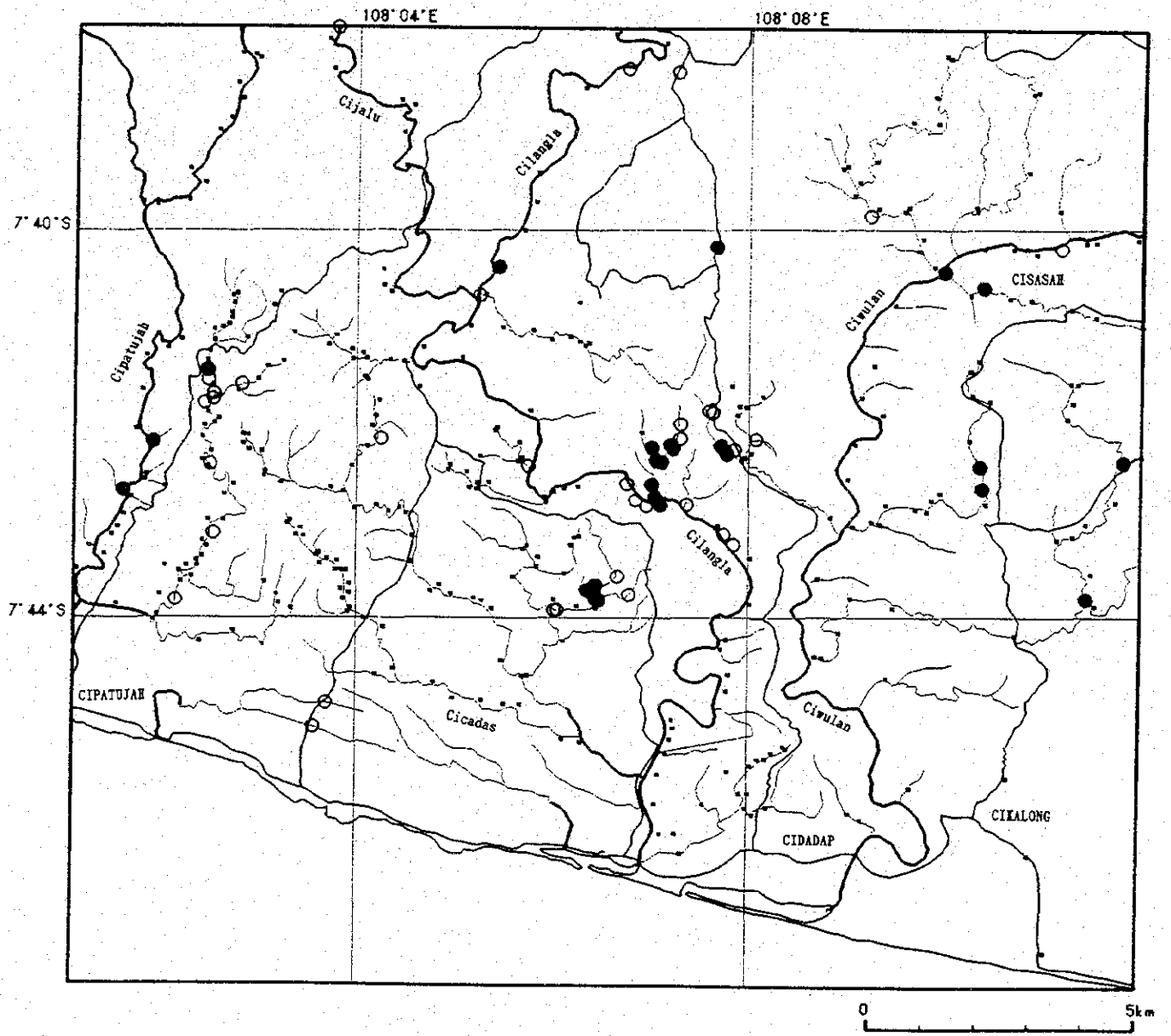
Cu

● >80.0ppm

○ >44.0ppm

• <44.0ppm

CISASAH AREA



Stream Sediment Geochemistry

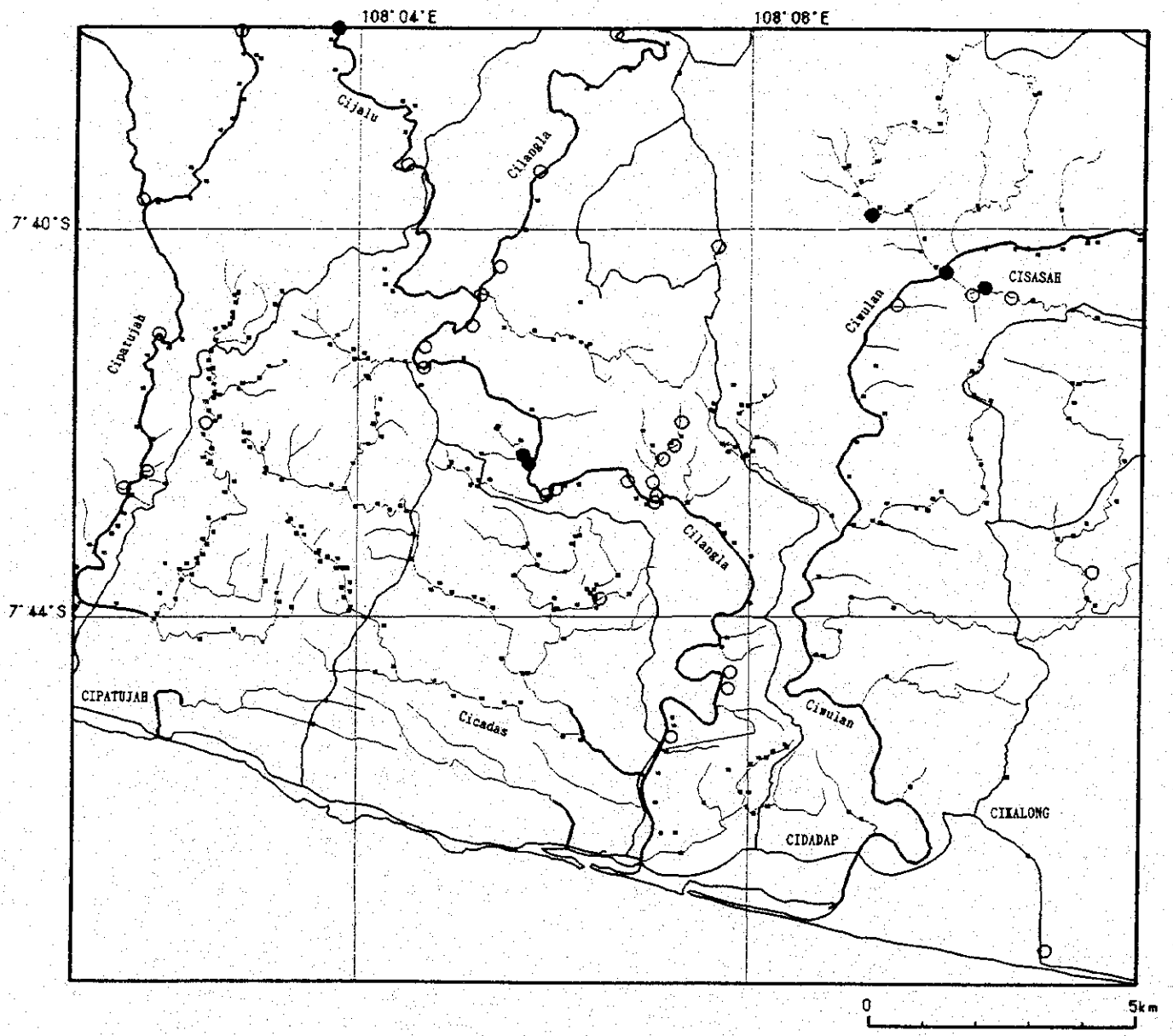
Pb

● >42.0ppm

○ >20.0ppm

· <20.0ppm

CISASAH AREA



Stream Sediment Geochemistry

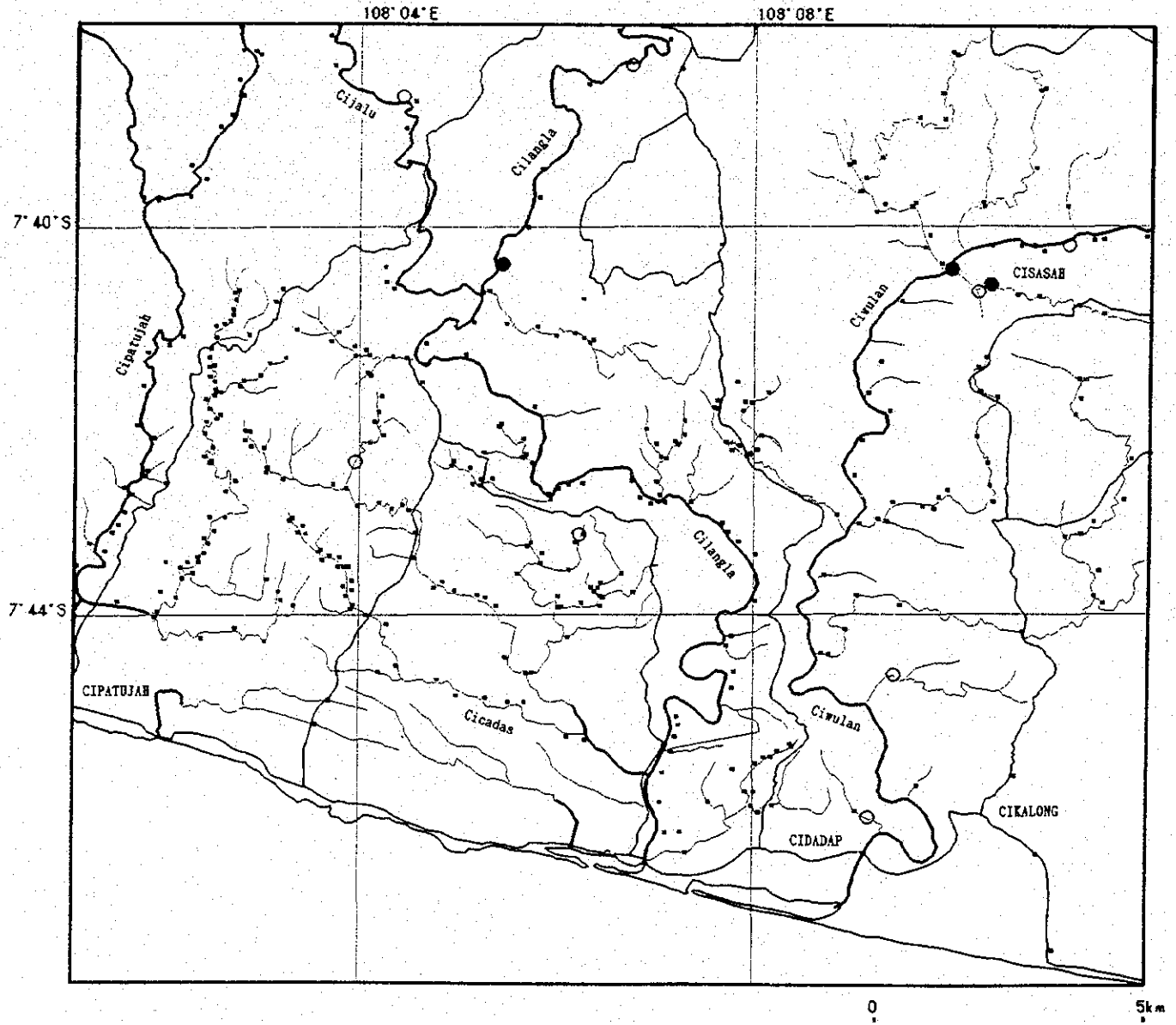
Zn

● >450ppm

○ >257ppm

• <257ppm

CISASAH AREA



Stream Sediment Geochemistry

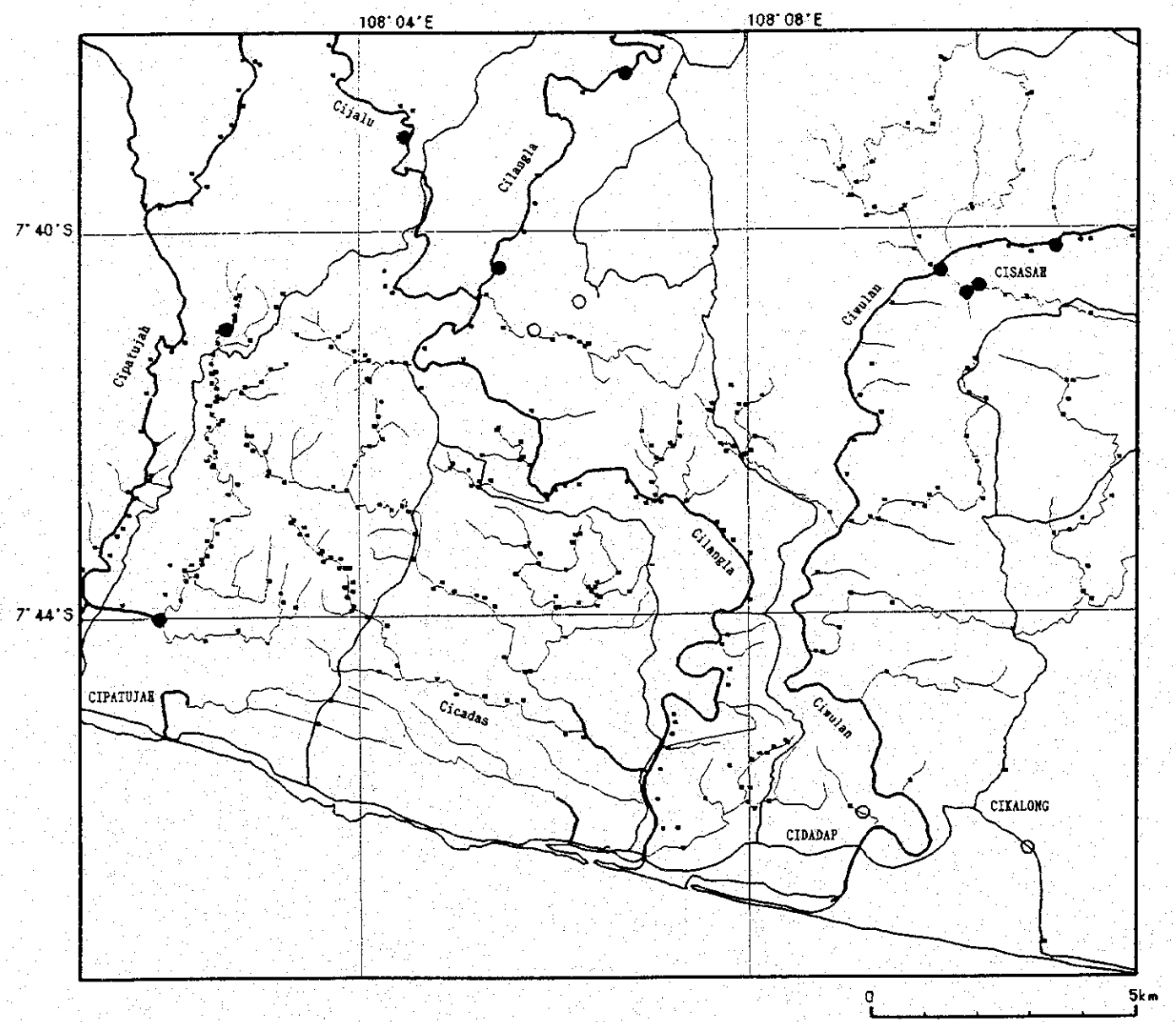
As

● >115.6ppm

○ >25.2ppm

• <25.2ppm

CISASAH AREA



Stream Sediment Geochemistry

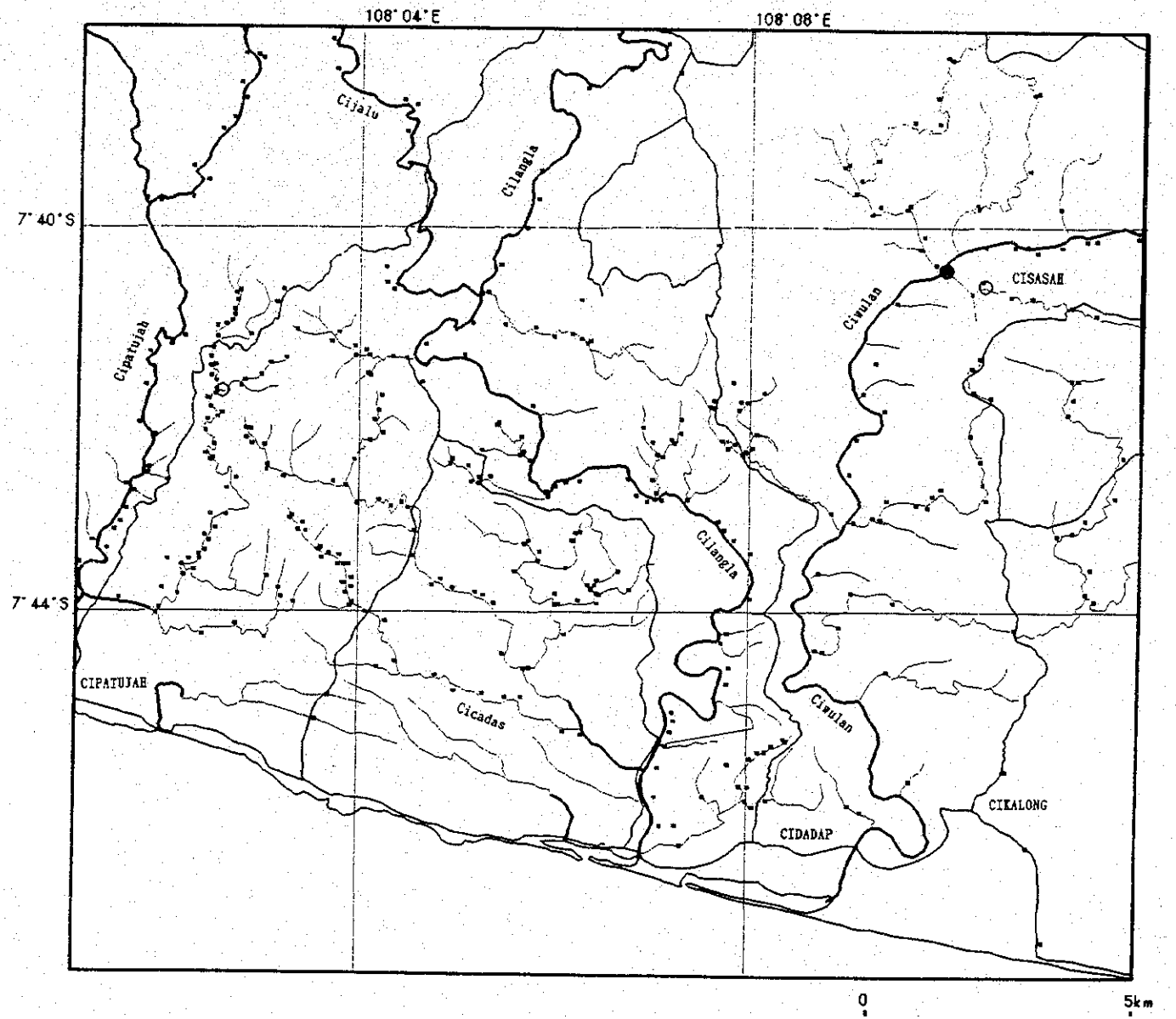
Sb

● >2.0ppm

○ >0.6ppm

· <0.6ppm

CISASAH AREA



Stream Sediment Geochemistry

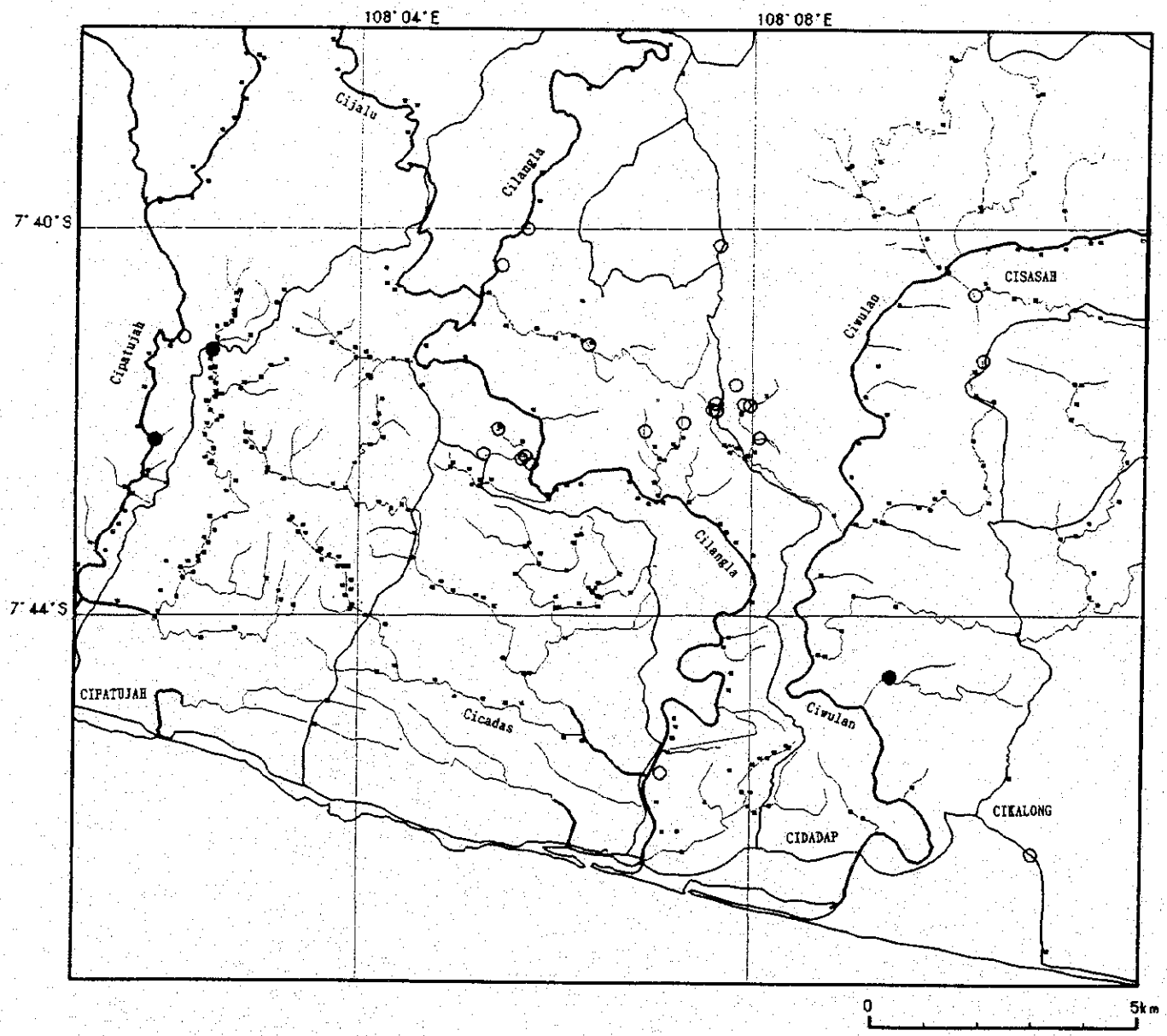
Hg

● >1.1ppm

○ >0.3ppm

• <0.3ppm

CISASAH AREA



Stream Sediment Geochemistry

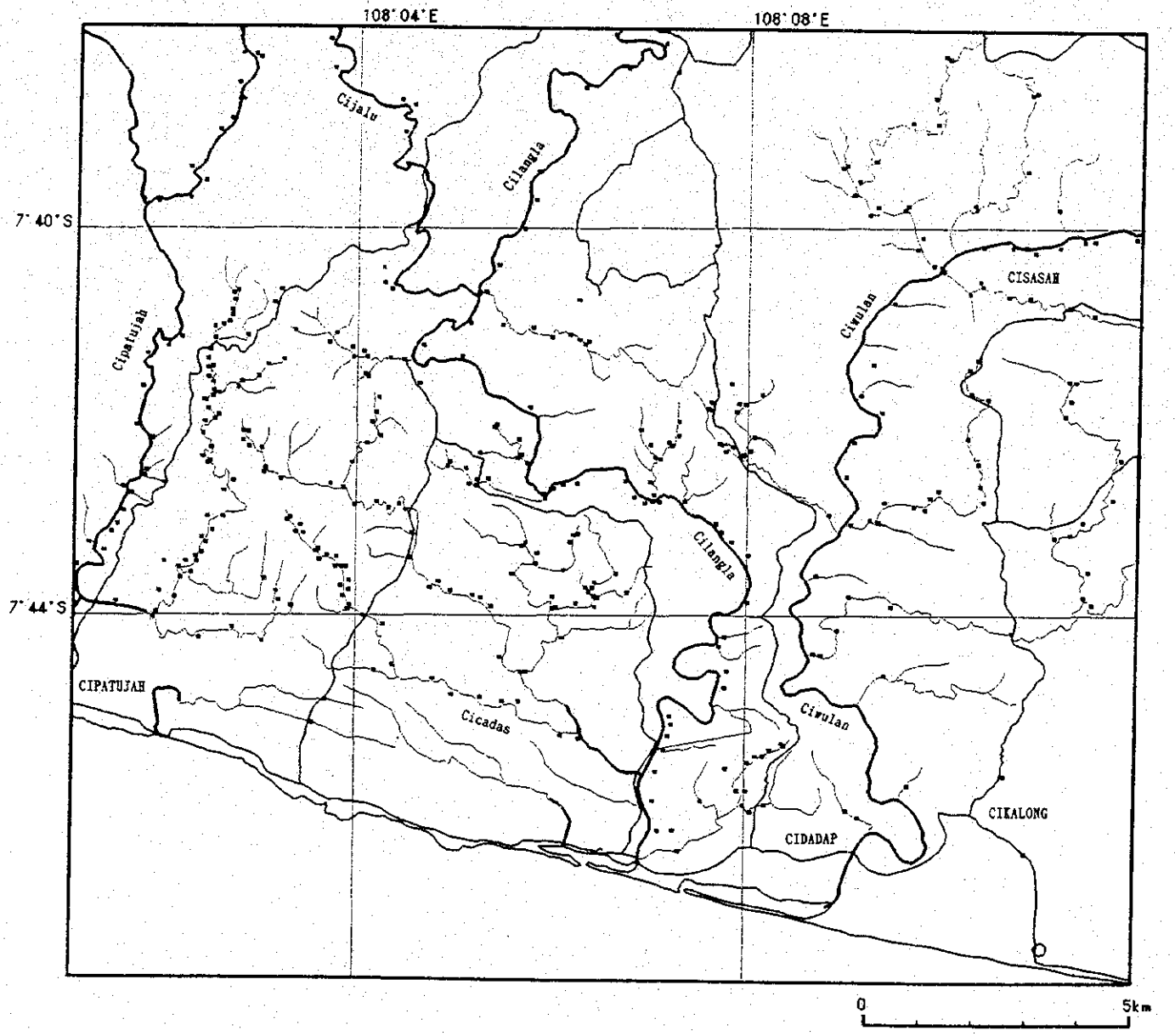
P

● >720ppm

○ >500ppm

· <500ppm

CISASAH AREA



Stream Sediment Geochemistry

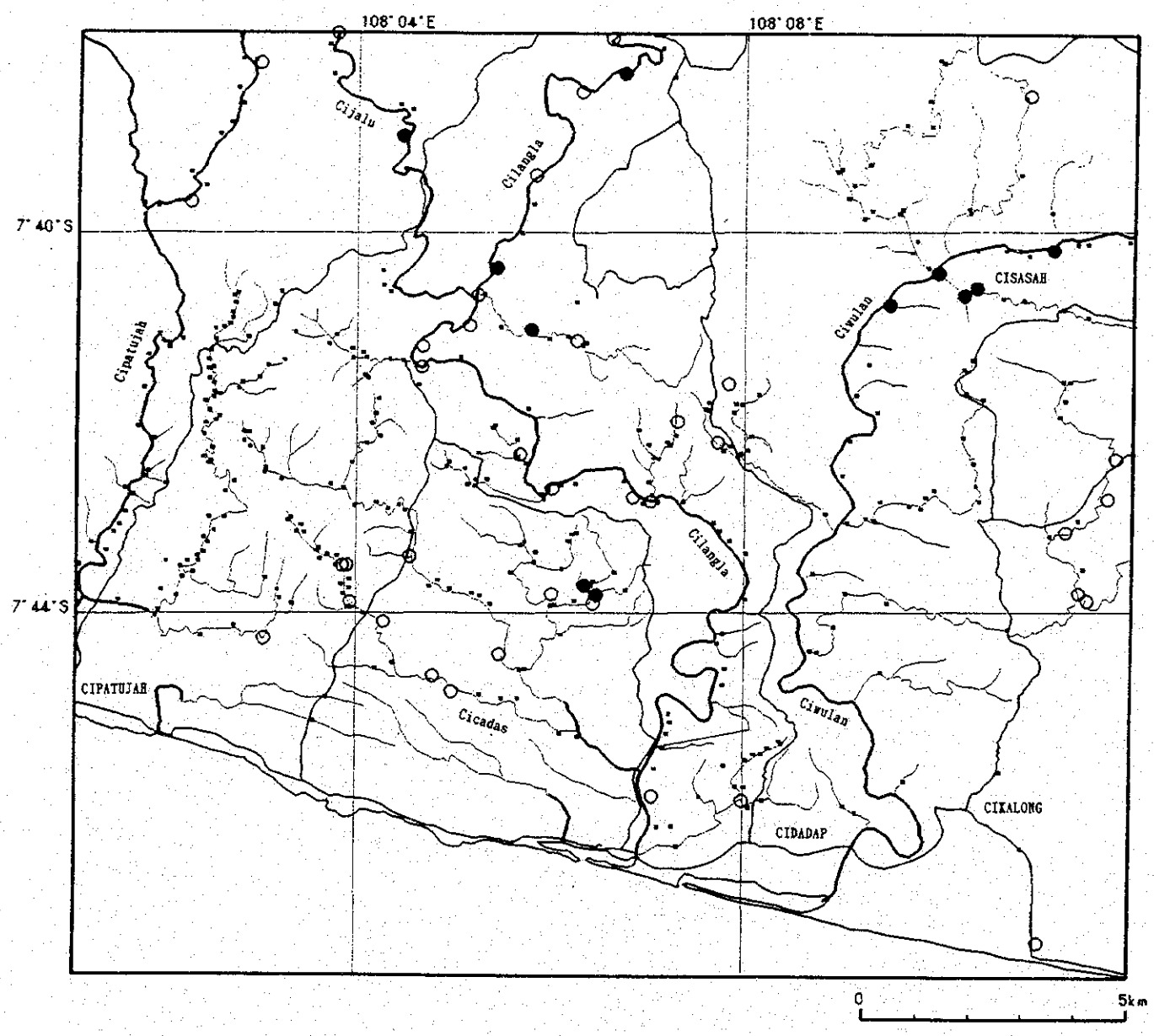
Cr

● >870ppm

○ >390ppm

▪ <390ppm

CISASAH AREA



Stream Sediment Geochemistry

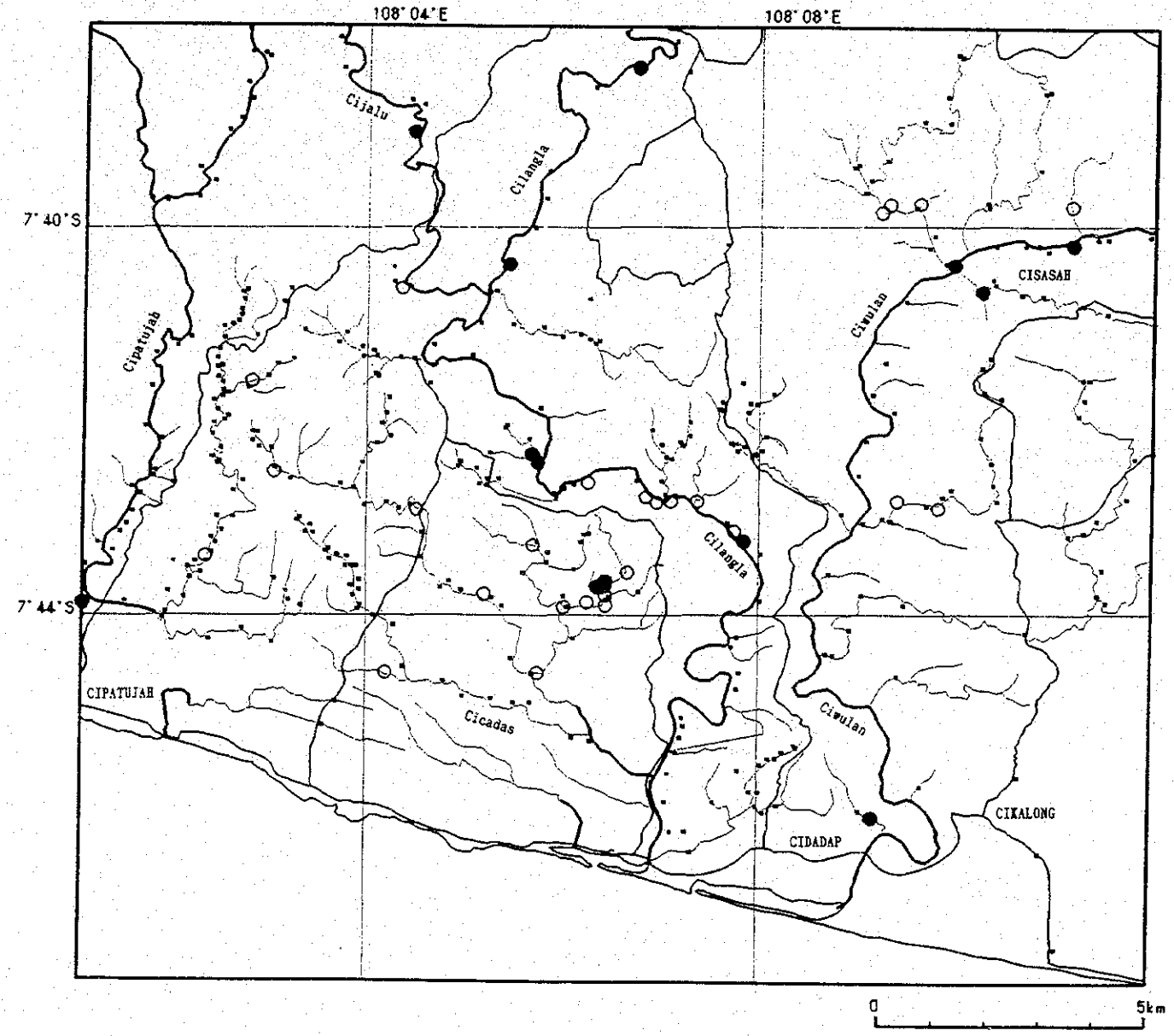
Mn

● >3300ppm

○ >2200ppm

• <2200ppm

CISASAH AREA



Stream Sediment Geochemistry

Ba

● >240ppm

○ >150ppm

· <150ppm

App. 4

Analytical Results of Soil Samples

Sample No.	Au (NAA) ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	P ppm	Cr ppm	Mn ppm	Ba ppm
AT001 S	1	0.02	44.4	11.5	49	21.8	<.2	<.1	210	110	685	90
AT002 S	1	0.02	60.6	8.5	55	55.0	<.2	0.6	280	89	485	40
AT003 S	3	<.02	46.8	6.5	63	42.4	<.2	0.7	290	91	1,530	60
AT004 S	1	0.02	60.4	5.0	57	31.6	<.2	<.1	240	124	305	20
AT005 S	2	<.02	71.6	5.5	83	30.4	<.2	<.1	240	100	355	30
AT006 S	25	0.46	27.2	16.0	44	240.0	1.2	<.1	380	62	1,295	190
AT007 S	3	<.02	65.0	6.5	120	16.8	<.2	<.1	340	49	960	170
AT008 S	1	0.04	63.6	5.0	87	22.4	<.2	<.1	380	121	995	100
AT009 S	2	0.02	59.4	5.0	70	36.8	<.2	<.1	170	84	835	70
AT010 S	2	0.02	68.2	5.0	60	60.0	<.2	<.1	280	161	360	30
AT011 S	4	<.02	70.4	5.0	54	30.4	<.2	<.1	270	131	125	10
AT012 S	11	0.14	39.6	6.5	43	23.0	0.2	<.1	300	184	400	40
AT013 S	<1	0.02	45.4	6.5	55	57.0	<.2	<.1	320	130	265	30
AT014 S	<1	0.02	52.4	6.5	47	19.0	<.2	<.1	230	111	295	80
AT015 S	<1	<.02	193.5	3.5	86	32.6	0.6	<.1	180	240	1,140	80
AT016 S	4	0.12	38.0	14.5	55	312.0	3.4	<.1	200	132	570	200
AS001 S	<1	<.02	59.8	5.0	62	26.6	0.4	<.1	330	237	2,830	60
AS002 S	21	0.76	46.8	4.0	63	10.4	<.2	0.5	220	197	975	120
AS003 S	120	3.92	54.0	8.0	65	60.0	3.6	2.0	330	49	1,320	80
AS004 S	278	19.10	41.8	13.0	100	142.0	18.6	10.2	230	136	1,000	80
AS005 S	45	2.16	41.2	9.0	66	78.4	3.4	2.6	280	108	1,035	90
AS006 S	6	0.36	41.6	9.5	77	15.2	<.2	0.1	410	100	1,310	110
AS007 S	9	0.52	40.4	8.5	64	47.0	1.0	<.1	290	99	1,150	90
AS008 S	2	0.04	56.6	5.5	147	85.6	0.6	<.1	570	62	240	190
AS009 S	2	0.04	40.2	7.5	15	132.0	3.8	<.1	160	172	95	40
AS010 S	4	0.04	55.2	12.5	63	9.6	0.2	<.1	420	19	2,310	180
AS011 S	2	0.06	61.4	14.0	45	10.0	<.2	<.1	250	45	240	90
AS012 S	1	0.02	47.4	10.5	47	21.0	<.2	<.1	170	87	480	60
AS013 S	<1	0.14	12.2	10.0	23	109.5	3.4	0.1	250	17	865	60
AS014 S	2	0.08	42.2	7.0	64	15.6	0.4	<.1	310	109	1,600	80
AS015 S	1	0.02	55.0	7.5	68	10.0	<.2	<.1	280	151	1,750	60
AS016 S	<1	<.02	53.6	6.5	64	11.0	<.2	<.1	240	91	2,920	70
AS017 S	<1	0.02	40.4	8.5	60	11.8	<.2	<.1	320	105	3,670	70
AS018 S	<1	<.02	43.8	5.5	64	12.8	<.2	<.1	220	164	625	40
AS019 S	2	0.02	20.4	11.5	36	19.4	0.2	<.1	250	30	725	80
AS020 S	18	0.12	52.0	6.5	92	45.6	0.4	<.1	310	221	685	40
AS021 S	1	0.12	75.0	6.5	132	26.2	<.2	<.1	300	254	650	60
AS022 S	<1	<.02	47.0	6.5	89	11.2	0.2	0.2	270	166	2,360	70
AS023 S	7	0.04	51.4	7.0	56	26.6	<.2	<.1	170	71	595	50
AS024 S	<1	0.02	13.0	17.0	38	38.0	1.0	<.1	330	15	735	180
AS025 S	<1	0.04	13.2	13.5	55	27.2	<.2	<.1	380	10	1,415	260
AS026 S	1	0.04	25.0	19.0	33	21.6	<.2	<.1	270	25	365	100
AS027 S	2	0.02	30.4	17.5	40	37.0	<.2	<.1	320	39	300	160
AS028 S	<1	0.04	15.0	17.5	29	17.4	<.2	3.2	250	16	475	110
AS029 S	4	0.04	40.4	8.5	53	15.8	<.2	<.1	310	88	1,205	200
AS030 S	<1	0.04	28.4	11.5	43	16.0	<.2	<.1	380	76	930	120
AS031 S	2	0.04	37.2	13.5	27	25.6	<.2	0.2	260	73	115	60
AS032 S	<1	0.04	31.4	7.5	65	6.6	<.2	<.1	610	127	1,845	80
AS033 S	2	<.02	38.6	7.0	65	5.0	<.2	<.1	220	91	320	80
AS034 S	1	<.02	38.6	6.0	55	4.2	<.2	<.1	200	73	255	30
AS035 S	2	<.02	62.8	7.5	69	8.6	<.2	<.1	260	97	445	90
AS036 S	1	0.02	41.6	10.0	29	5.8	<.2	<.1	320	105	445	100
AS037 S	12	0.04	42.6	7.5	37	18.2	<.2	<.1	340	149	310	40
AS038 S	2	0.02	53.6	2.5	66	0.4	<.2	<.1	110	212	915	60
AS039 S	<1	<.02	49.4	1.0	67	1.0	<.2	<.1	<10	350	940	150
AS040 S	<1	<.02	57.4	1.5	65	4.8	<.2	<.1	20	410	1,245	80
AS041 S	<1	<.02	62.8	6.0	51	5.6	<.2	0.7	180	184	1,140	90
AS042 S	2	0.04	42.8	5.0	59	5.4	<.2	<.1	220	183	1,330	80
AS043 S	<1	0.02	41.0	2.0	67	0.4	<.2	<.1	190	125	870	130
AS044 S	13	0.24	43.8	2.5	58	5.0	<.2	<.1	180	195	960	90
AS045 S	2	0.02	55.6	6.0	54	3.4	<.2	<.1	330	253	560	60
AS046 S	<1	0.06	34.8	3.5	73	4.2	<.2	<.1	160	98	810	120
AS047 S	23	0.44	26.6	8.5	42	9.4	<.2	<.1	330	103	640	60
AS048 S	7	0.04	56.2	6.0	85	7.4	<.2	<.1	270	154	460	70
AD145 S	<1	0.02	35.4	11.0	32	8.8	<.2	<.1	300	99	725	80
AD146 S	<1	<.02	35.6	4.0	82	3.0	<.2	<.1	190	132	280	80
AD147 S	<1	<.02	39.0	5.0	22	5.2	<.2	0.1	280	80	520	40
AD148 S	1	<.02	33.6	6.5	21	4.0	<.2	<.1	170	107	95	30
AD149 S	14	0.20	52.0	9.0	39	10.2	0.2	0.1	260	124	270	50
AD150 S	6	<.02	49.0	11.0	34	8.8	<.2	<.1	220	112	135	180
AD151 S	<1	<.02	56.0	7.0	69	18.4	<.2	<.1	220	92	275	60
AD152 S	5	<.02	46.0	8.0	36	10.4	<.2	<.1	210	189	125	50

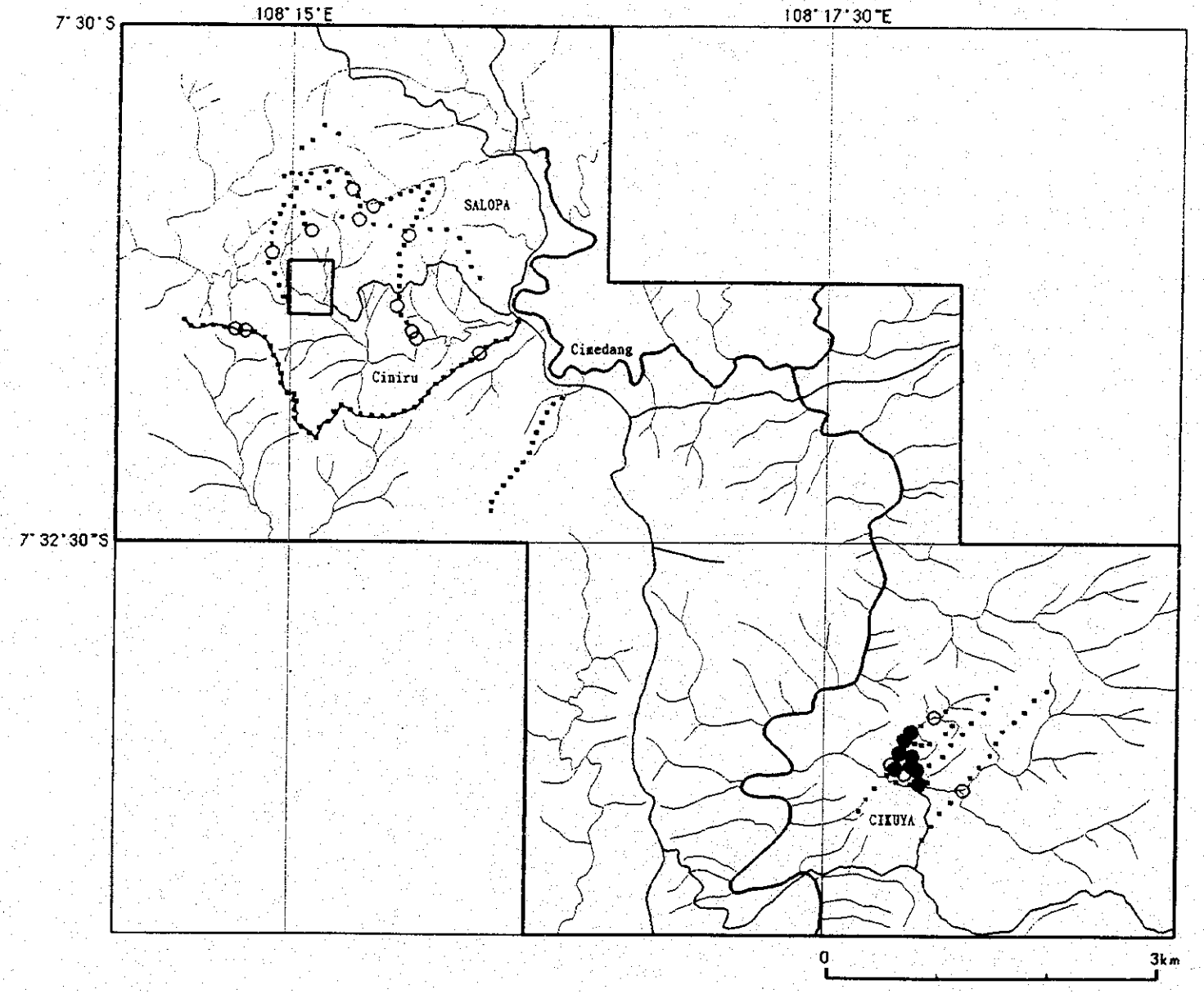
Sample No.	Au (NAA) ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	P ppm	Cr ppm	Mn ppm	Ba ppm
AD153 S	<1	<.02	76.2	7.0	101	6.6	<.2	<.1	230	93	400	40
AD154 S	2	0.58	60.4	8.0	52	8.4	0.2	<.1	250	115	215	60
AD155 S	3	0.02	45.8	11.5	35	6.8	<.2	<.1	250	99	185	100
AD156 S	<1	<.02	34.6	10.5	69	6.0	<.2	<.1	220	91	1,140	30
AD157 S	<1	0.02	31.2	4.5	50	5.6	<.2	<.1	210	106	280	10
AD158 S	<1	<.02	32.2	5.0	35	11.6	<.2	<.1	250	56	230	20
AD159 S	4	<.02	35.8	7.0	77	14.4	0.2	<.1	260	114	1,020	20
AD160 S	5	0.06	38.2	8.5	32	10.8	<.2	<.1	260	78	190	70
AD161 S	<1	0.02	39.4	10.5	39	13.0	<.2	<.1	320	102	410	70
AD162 S	<1	<.02	50.0	7.5	46	28.2	<.2	<.1	280	101	370	70
AD163 S	<1	0.02	45.4	6.5	45	11.8	<.2	<.1	320	57	585	70
AD164 S	<1	<.02	54.2	6.5	43	7.4	<.2	<.1	240	100	1,040	40
AD165 S	<1	0.02	40.0	6.5	37	38.4	<.2	<.1	280	175	240	50
AD166 S	<1	0.04	30.2	10.5	33	18.8	2.6	<.1	380	126	1,075	90
AD167 S	<1	0.02	52.6	9.5	44	30.6	0.8	<.1	250	153	690	110
AD168 S	<1	0.04	41.0	9.5	35	62.4	<.2	1.2	450	98	1,080	70
AD169 S	1	0.02	27.0	5.0	44	17.6	<.2	2.1	390	363	265	60
AD170 S	<1	0.04	56.4	5.0	27	50.0	0.6	<.1	320	183	385	40
AD171 S	1	0.02	54.8	4.5	85	45.6	<.2	<.1	470	185	1,155	60
AD172 S	1	<.02	47.4	6.0	62	53.4	<.2	<.1	320	176	185	30
AD173 S	<1	0.04	50.2	6.0	69	110.0	<.2	<.1	430	210	1,120	60
AD174 S	2	0.02	99.8	4.0	86	51.2	<.2	<.1	490	305	2,390	40
AD175 S	3	0.02	80.2	6.5	58	89.4	<.2	<.1	290	135	205	20
AD176 S	<1	<.02	34.2	4.5	53	41.2	0.2	<.1	390	164	670	30
AD177 S	<1	<.02	66.8	3.0	53	49.2	0.4	<.1	390	414	995	60
AD178 S	1	0.02	31.2	5.5	43	63.6	0.2	<.1	490	240	885	40
AD179 S	2	0.02	61.2	8.0	59	276.0	2.8	<.1	350	93	270	30
AD180 S	6	0.02	164.0	5.5	54	255.0	2.8	<.1	230	119	290	30
AD181 S	<1	<.02	67.4	4.0	102	357.0	<.2	<.1	480	168	430	70
AD182 S	6	0.04	79.2	3.5	78	482.0	7.4	<.1	250	299	1,360	20
AD183 S	7	0.02	62.6	5.0	63	611.0	6.8	<.1	470	141	365	40
AD184 S	8	0.02	75.6	5.5	125	1,895.0	97.2	<.1	1,610	165	865	100
AD185 S	2	0.02	106.0	4.5	137	240.0	6.0	<.1	730	165	2,410	20
AD186 S	2	<.02	64.6	5.0	115	419.0	11.6	<.1	570	136	1,290	80
AD187 S	1	<.02	56.2	9.0	48	36.2	<.2	<.1	480	125	130	40
AD188 S	<1	<.02	51.0	4.5	88	63.0	1.4	<.1	330	86	930	10
AD189 S	<1	0.02	50.2	7.5	71	52.2	5.8	<.1	360	86	775	60
AD190 S	<1	0.02	43.6	7.5	39	46.0	<.2	<.1	270	101	325	30
AD191 S	<1	0.04	39.0	9.5	53	78.4	<.2	<.1	390	141	595	40
AD192 S	1	0.04	38.0	10.5	40	9.6	<.2	<.1	410	69	1,110	70
AD193 S	1	0.04	31.6	12.0	42	11.2	<.2	<.1	470	66	1,600	90
AD194 S	<1	0.02	43.2	8.5	56	32.8	<.2	<.1	340	67	655	50
AD195 S	<1	0.08	29.6	11.5	24	17.8	<.2	<.1	170	37	335	60
AD196 S	2	0.08	31.4	13.5	36	13.8	<.2	<.1	350	35	400	70
AD197 S	3	0.06	21.2	13.0	44	7.0	<.2	<.1	370	23	1,290	100
AD198 S	3	0.04	21.4	13.5	39	16.8	<.2	<.1	360	36	775	70
AD199 S	<1	0.04	43.4	9.5	94	4.0	<.2	<.1	320	36	1,825	540
AD200 S	2	0.06	30.8	18.0	55	17.0	<.2	<.1	530	46	1,935	140
AD201 S	4	0.06	22.0	15.5	45	25.6	<.2	<.1	400	36	1,725	120
AD202 S	2	0.02	66.2	6.0	89	235.0	15.0	<.1	430	141	660	40
AD203 S	2	<.02	30.8	6.0	62	7.2	<.2	<.1	180	21	645	120
AK001 S	410	1.32	15.2	13.0	16	1,440.0	30.4	<.1	240	16	355	210
AK002 S	68	0.46	15.2	13.0	18	352.0	15.8	0.4	230	14	440	100
AK003 S	<1	0.10	43.0	12.0	45	30.2	0.4	<.1	350	106	1,425	110
AK004 S	2	0.02	12.6	10.0	11	5.6	0.4	<.1	190	17	220	30
AK005 S	2	0.06	13.0	12.5	18	8.4	0.2	<.1	290	17	335	40
AK006 S	<1	0.08	20.0	8.0	33	5.6	0.8	<.1	300	46	255	20
AK007 S	4	0.08	25.6	7.5	24	35.0	1.4	<.1	250	48	190	30
AK008 S	5	0.04	44.8	12.0	37	56.4	2.4	<.1	370	117	500	130
AK009 S	2	0.04	48.8	11.0	52	29.6	0.2	<.1	410	101	990	150
AK010 S	3	0.02	49.0	12.5	41	16.0	1.0	<.1	420	111	515	200
AK011 S	2	0.02	41.4	11.5	37	9.4	<.2	<.1	440	50	410	120
AK012 S	5	0.04	31.4	8.5	43	14.0	0.2	<.1	280	63	235	20
AK013 S	<1	0.14	29.4	7.0	14	28.2	0.8	<.1	200	87	105	70
AK014 S	4	0.02	33.0	10.5	142	169.5	3.6	<.1	340	52	1,200	30
AK015 S	5	0.06	8.6	9.0	11	256.0	9.4	0.1	280	9	130	40
AK016 S	1	0.08	13.8	6.5	9	52.4	1.6	<.1	280	25	80	20
AK017 S	2	0.06	41.2	7.0	16	20.8	0.2	<.1	250	151	130	20
AK018 S	375	1.22	16.8	9.0	13	1,785.0	22.0	<.1	370	18	235	140
AK019 S	25	0.06	8.2	7.5	14	327.0	9.6	<.1	240	9	135	40
AK020 S	58	0.14	7.0	10.5	15	592.0	18.0	<.1	300	10	155	60
AK021 S	31	0.30	24.8	12.0	23	242.0	8.8	<.1	310	60	265	110

Sample No.	Au (NAA) ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	P ppm	Cr ppm	Mn ppm	Ba ppm
AK022 S	3	0.12	39.0	14.0	30	49.4	1.8	0.1	360	151	315	80
AK023 S	2	0.02	16.2	11.0	54	24.8	<.2	<.1	350	14	845	320
AK024 S	<1	0.04	10.8	11.0	27	70.2	0.8	1.1	330	16	525	230
AK025 S	1	0.04	43.8	9.5	46	18.6	<.2	<.1	390	151	360	80
AK026 S	<1	0.04	34.6	11.0	36	15.0	<.2	<.1	370	141	260	80
AK027 S	1	0.02	54.8	6.5	39	60.6	0.2	<.1	350	86	165	10
AK028 S	<1	<.02	33.6	7.0	34	31.6	<.2	<.1	330	72	255	40
AK029 S	2	<.02	23.0	21.5	31	35.0	<.2	<.1	320	6	595	190
AK030 S	<1	0.02	12.0	23.5	24	28.0	<.2	<.1	390	10	675	80
AK031 S	3	0.16	35.2	9.0	29	30.8	<.2	<.1	410	87	220	30
AK032 S	10	0.16	21.2	14.0	12	192.5	1.4	<.1	310	47	180	190
AK033 S	3	0.04	67.8	7.5	23	59.4	0.8	<.1	350	103	150	60
AK034 S	2	0.02	52.6	8.0	45	5.8	<.2	<.1	360	116	750	70
AK035 S	1	0.06	44.4	10.5	54	5.0	<.2	<.1	390	127	945	80
AK036 S	1	0.04	44.6	10.0	37	10.8	<.2	<.1	370	129	265	80
AK037 S	3	0.06	59.2	7.0	29	12.8	<.2	<.1	350	169	190	30
AK038 S	<1	0.04	67.2	8.5	115	6.0	<.2	<.1	370	153	645	150
AK039 S	2	0.04	47.6	7.0	51	6.6	<.2	<.1	270	135	955	80
AK040 S	1	0.04	36.8	7.0	55	4.4	<.2	<.1	320	164	650	40
AK041 S	5	0.14	27.0	8.0	52	7.4	<.2	<.1	180	201	1,255	30
AH001 S	13	0.72	45.2	10.5	61	23.8	0.4	<.1	380	104	1,045	100
AH002 S	2	0.18	17.8	12.0	39	6.6	0.4	<.1	330	28	830	60
AH003 S	1	0.12	24.2	18.0	42	14.6	0.8	<.1	420	40	1,245	80
AH004 S	1	0.02	44.6	19.5	45	31.8	0.2	<.1	320	128	315	200
AH005 S	3	0.02	35.0	14.0	39	9.6	<.2	<.1	340	81	490	40
AH006 S	4	0.08	45.8	19.0	46	38.8	0.4	<.1	320	124	335	200
AH007 S	1	0.02	88.2	13.0	47	21.2	<.2	<.1	410	128	360	120
AH008 S	1	0.02	61.0	9.5	59	14.0	<.2	<.1	430	71	480	90
AH009 S	4	0.04	43.4	16.5	62	7.2	<.2	<.1	520	67	2,020	190
AH010 S	<1	0.02	52.4	12.5	70	5.4	<.2	<.1	320	22	500	200
AH011 S	1	<.02	53.4	9.5	98	10.6	<.2	<.1	470	119	1,185	240
AH012 S	<1	0.02	32.2	7.0	23	12.2	0.2	<.1	330	60	315	20
AH013 S	2	0.04	55.0	9.0	29	7.2	<.2	<.1	330	79	265	30
AH014 S	2	0.02	29.2	12.5	23		0.8	<.1	300	75	140	110
AH015 S	<1	<.02	17.8	2.0	68	0.8	<.2	<.1	120	895	1,390	80

App. 5

Anomalies of Soil Geochemistry

SALOPA AREA



Soil Geochemistry

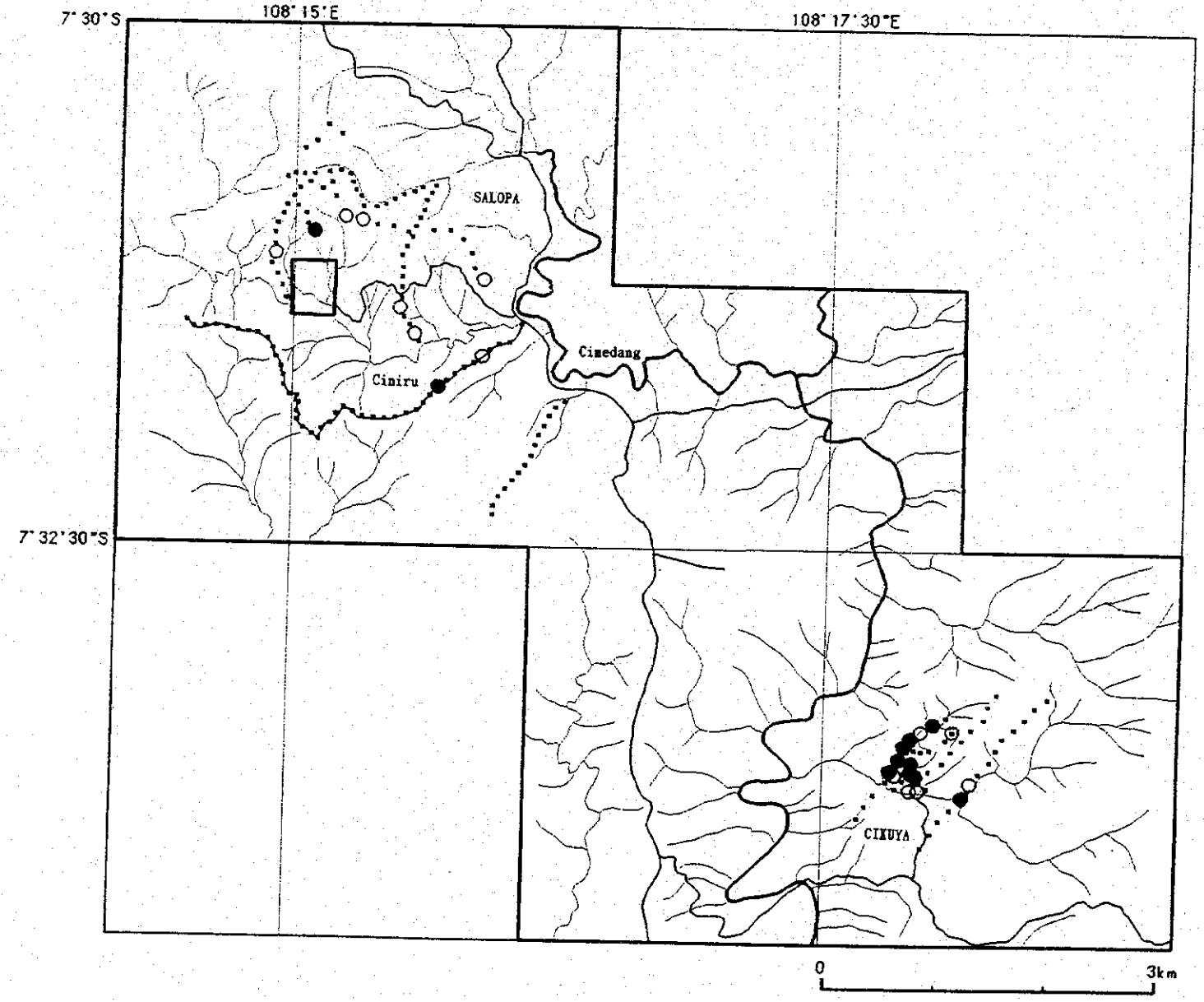
Au

● >28ppb

○ >7ppb

▪ <7ppb

SALOPA AREA



Soil Geochemistry

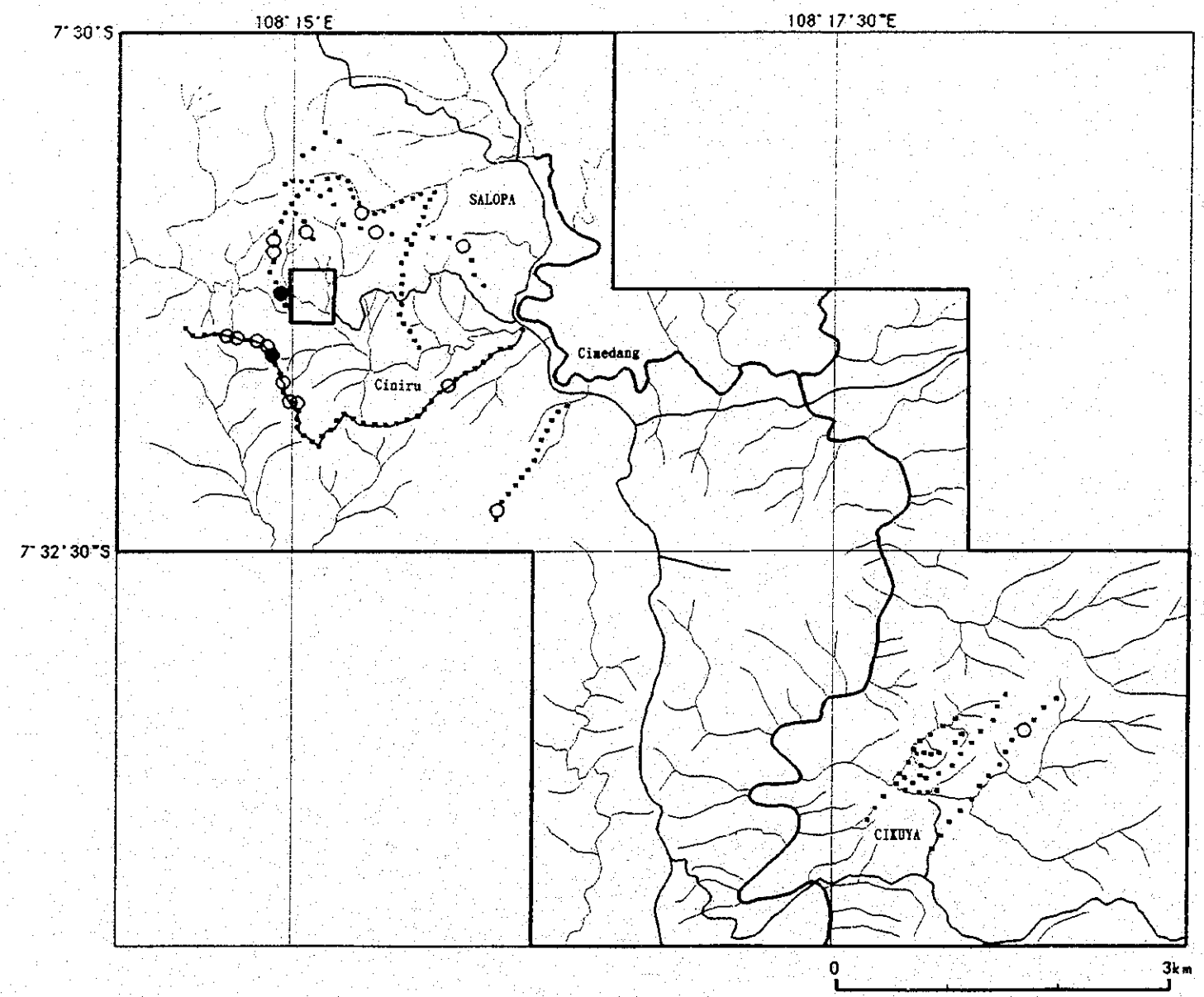
Ag

● >0.46ppm

○ >0.14ppm

• <0.14ppm

SALOPA AREA



Soil Geochemistry

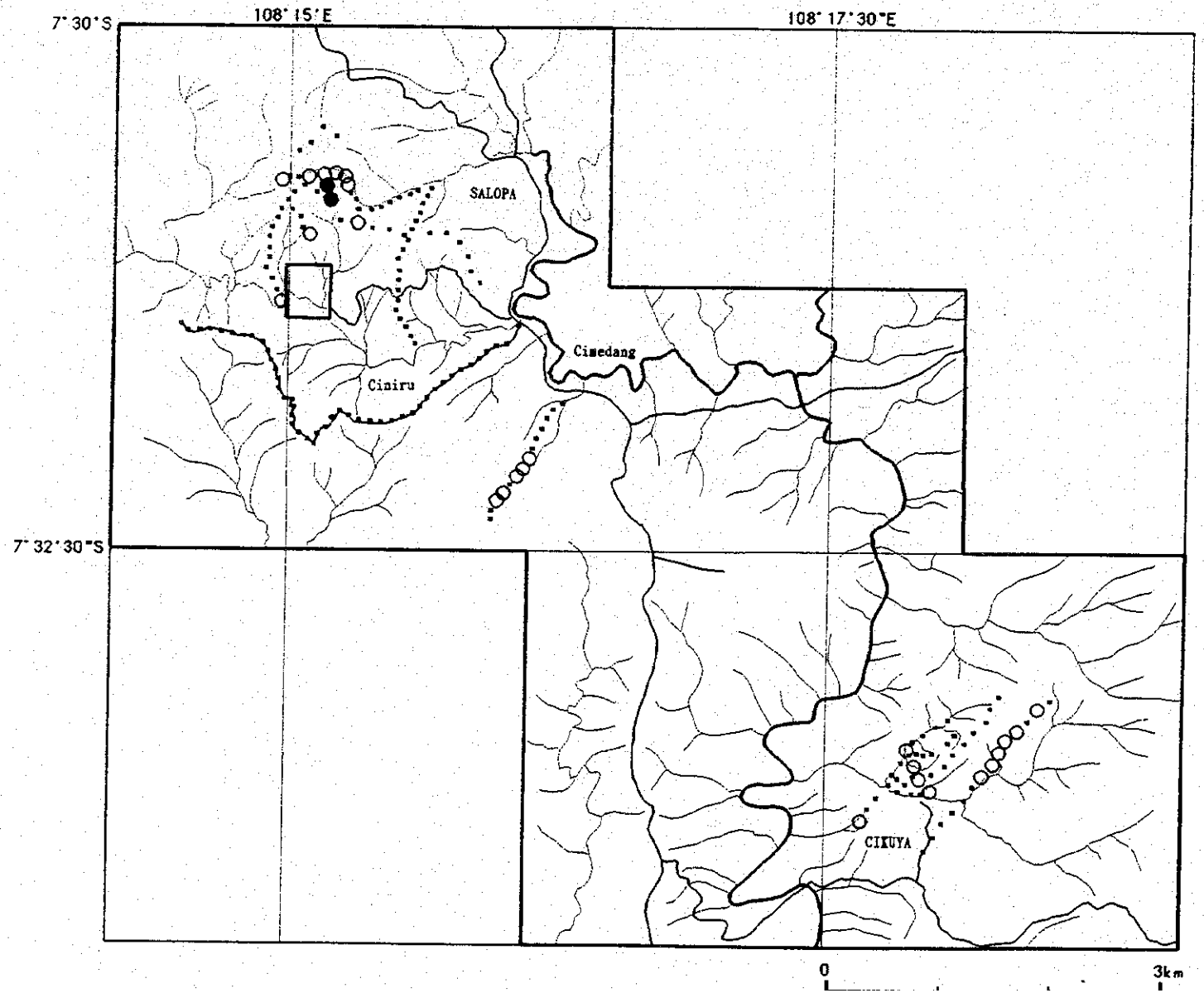
Cu

● >110.0ppm

○ >66.0ppm

· <66.0ppm

SALOPA AREA



Soil Geochemistry

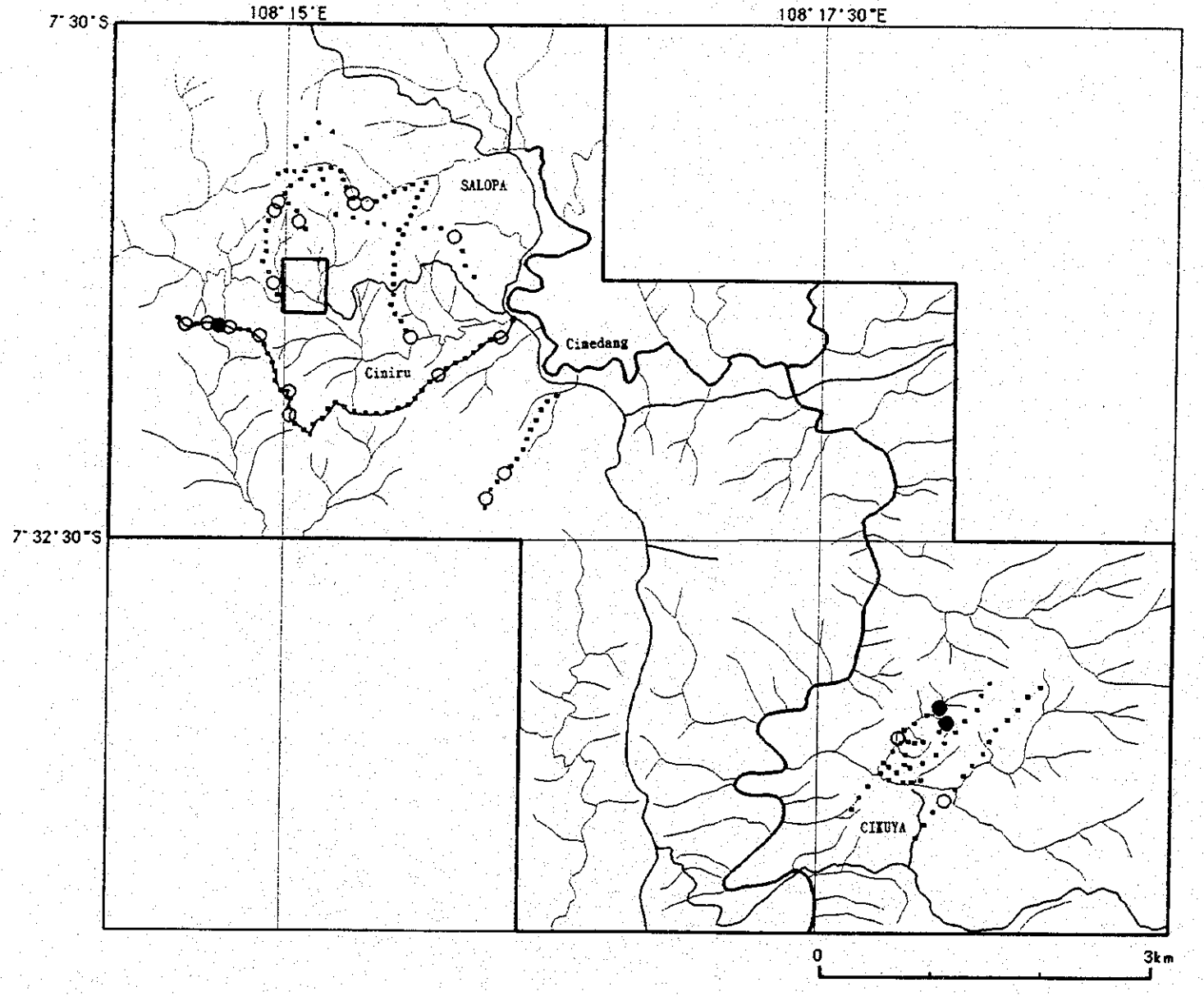
Pb

● >21.0ppm

○ >13.0ppm

• <13.0ppm

SALOPA AREA



Soil Geochemistry

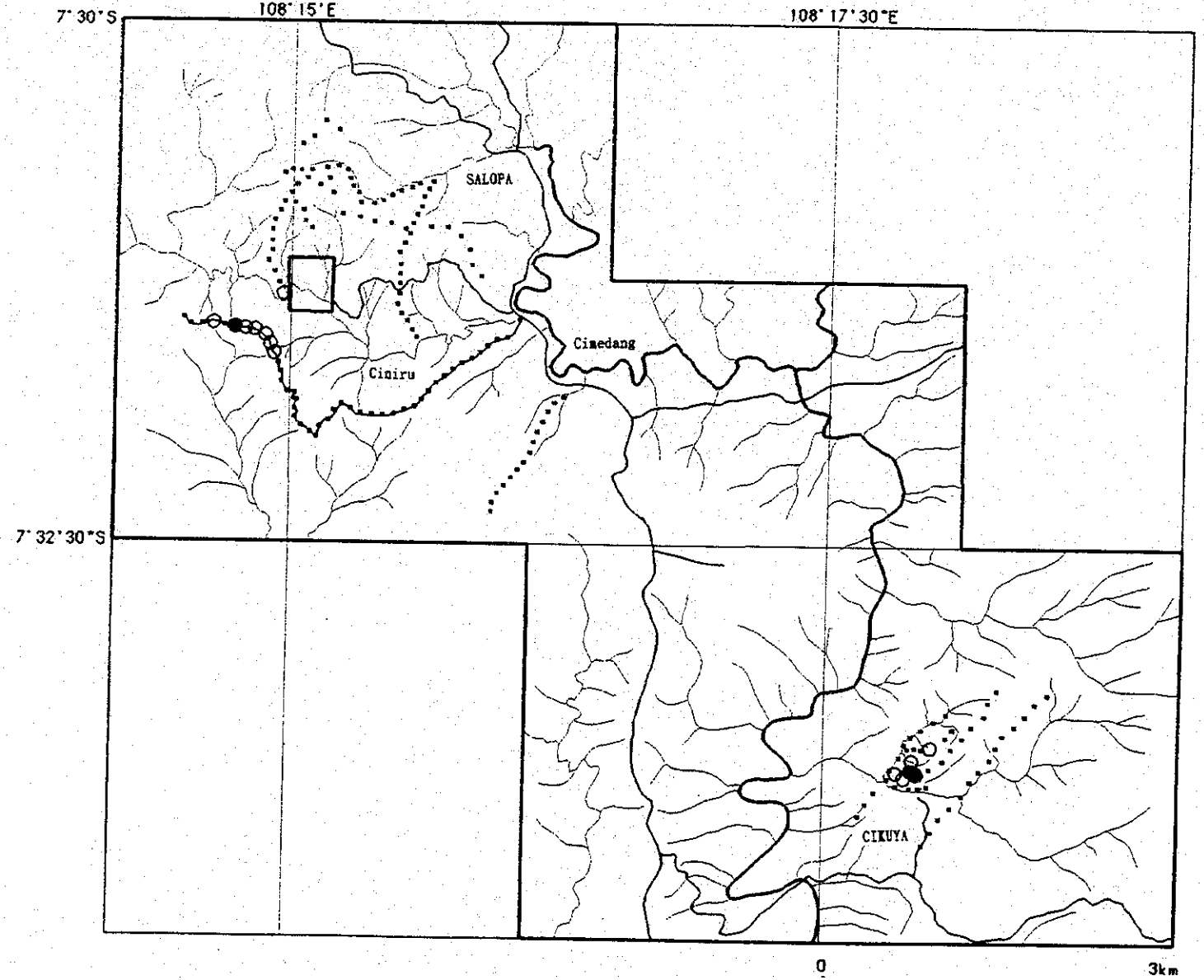
Zn

● >134ppm

○ >79ppm

· <79ppm

SALOPA AREA



Soil Geochemistry

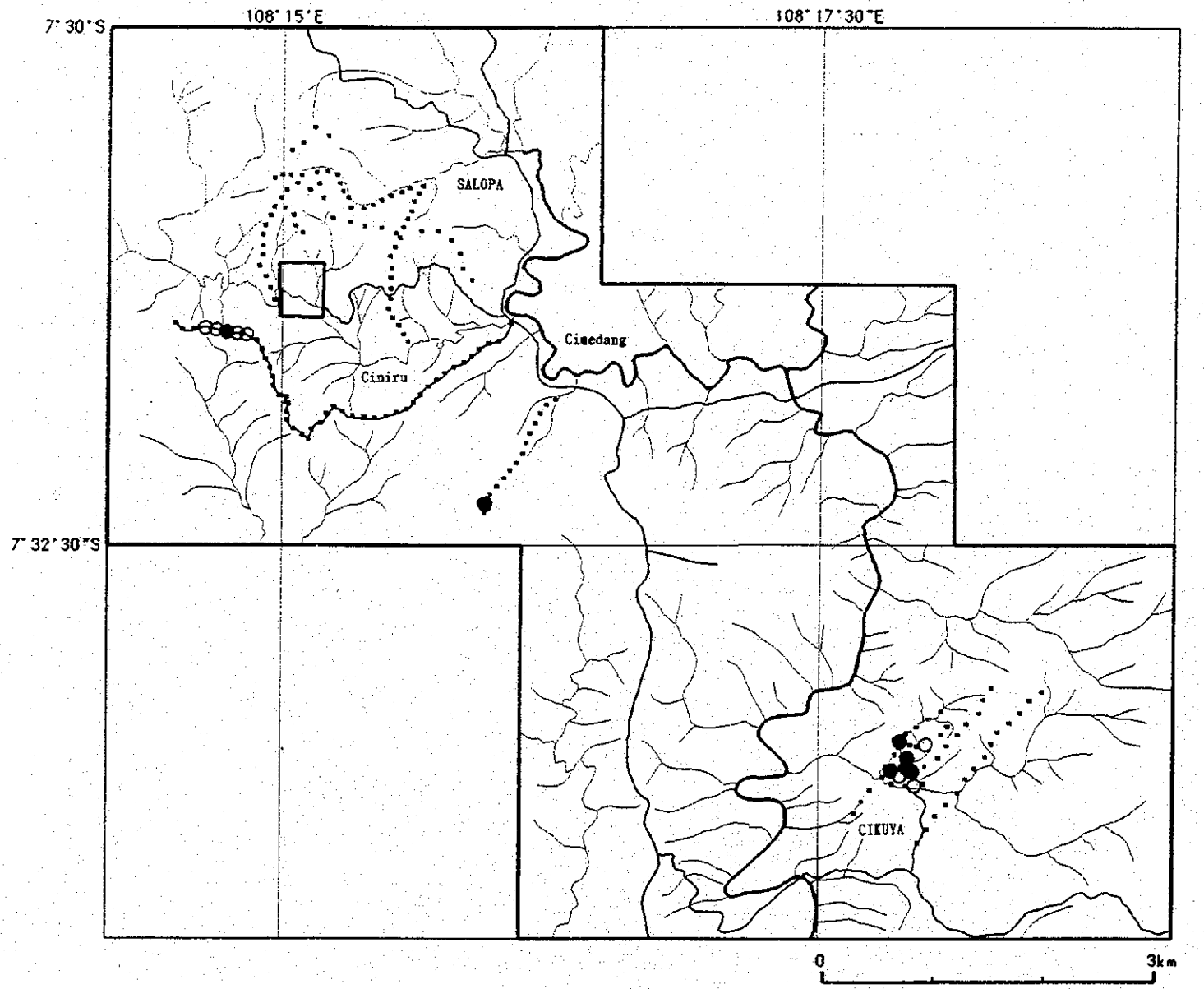
As

● >650ppm

○ >250ppm

• <250ppm

SALOPA AREA



Soil Geochemistry

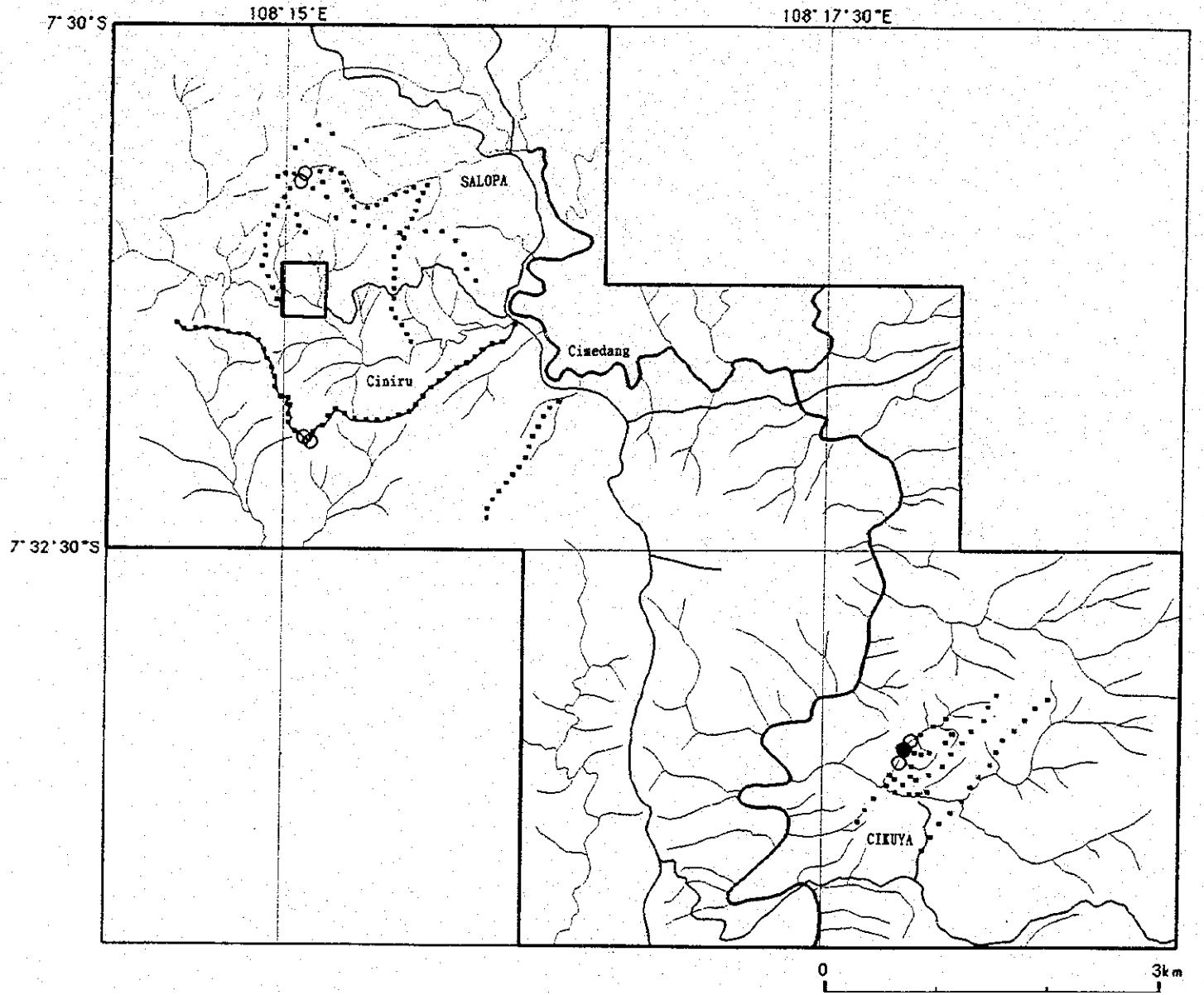
Sb

● >15.0ppm

○ >6.0ppm

· <6.0ppm

SALOPA AREA



Soil Geochemistry

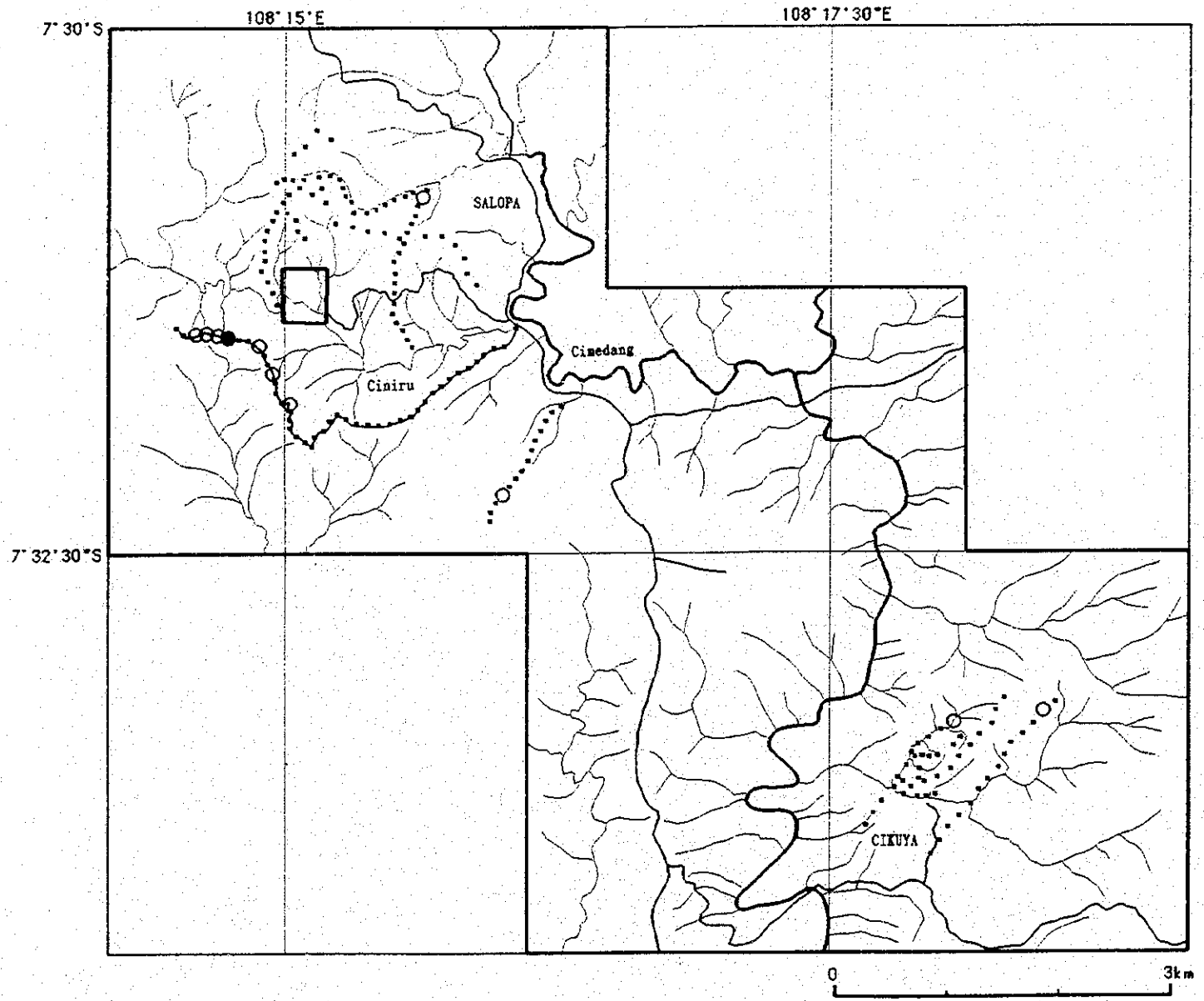
Hg

● >4.0ppm

○ >1.0ppm

· <1.0ppm

SALOPA AREA



Soil Geochemistry

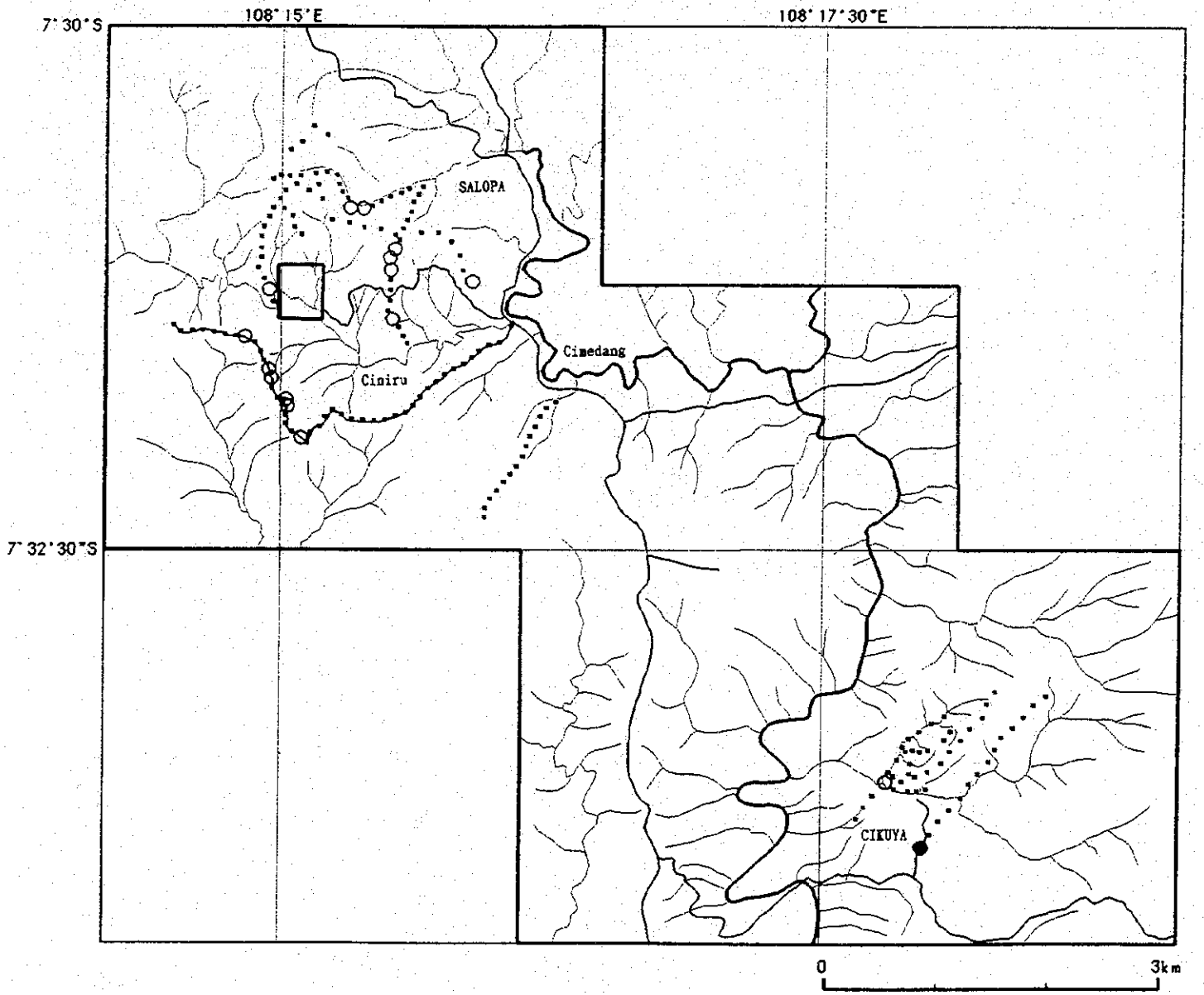
P

● >780ppm

○ >480ppm

· <480ppm

SALOPA AREA



Soil Geochemistry

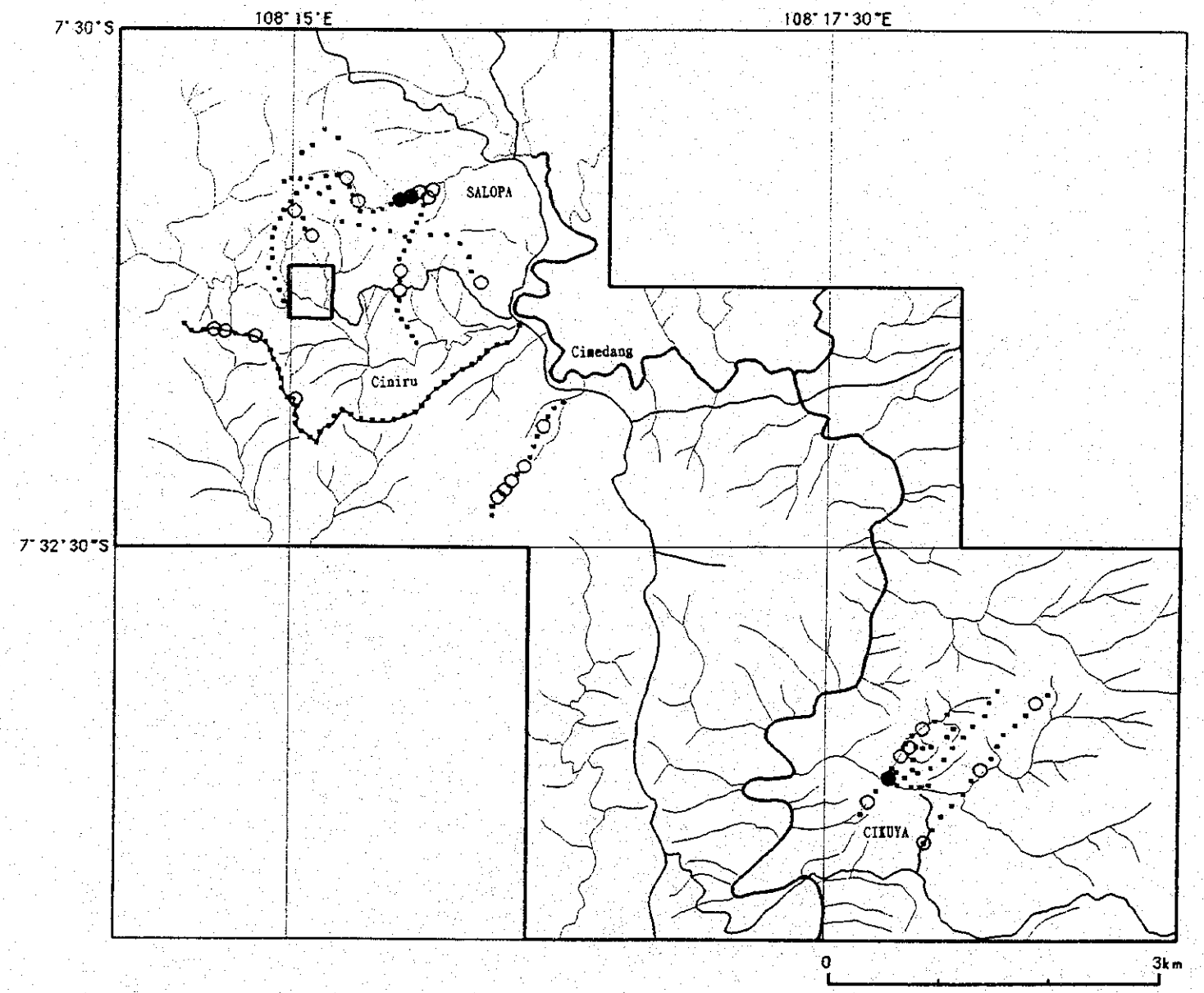
Cr

● >460ppm

○ >200ppm

· <200ppm

SALOPA AREA



Soil Geochemistry

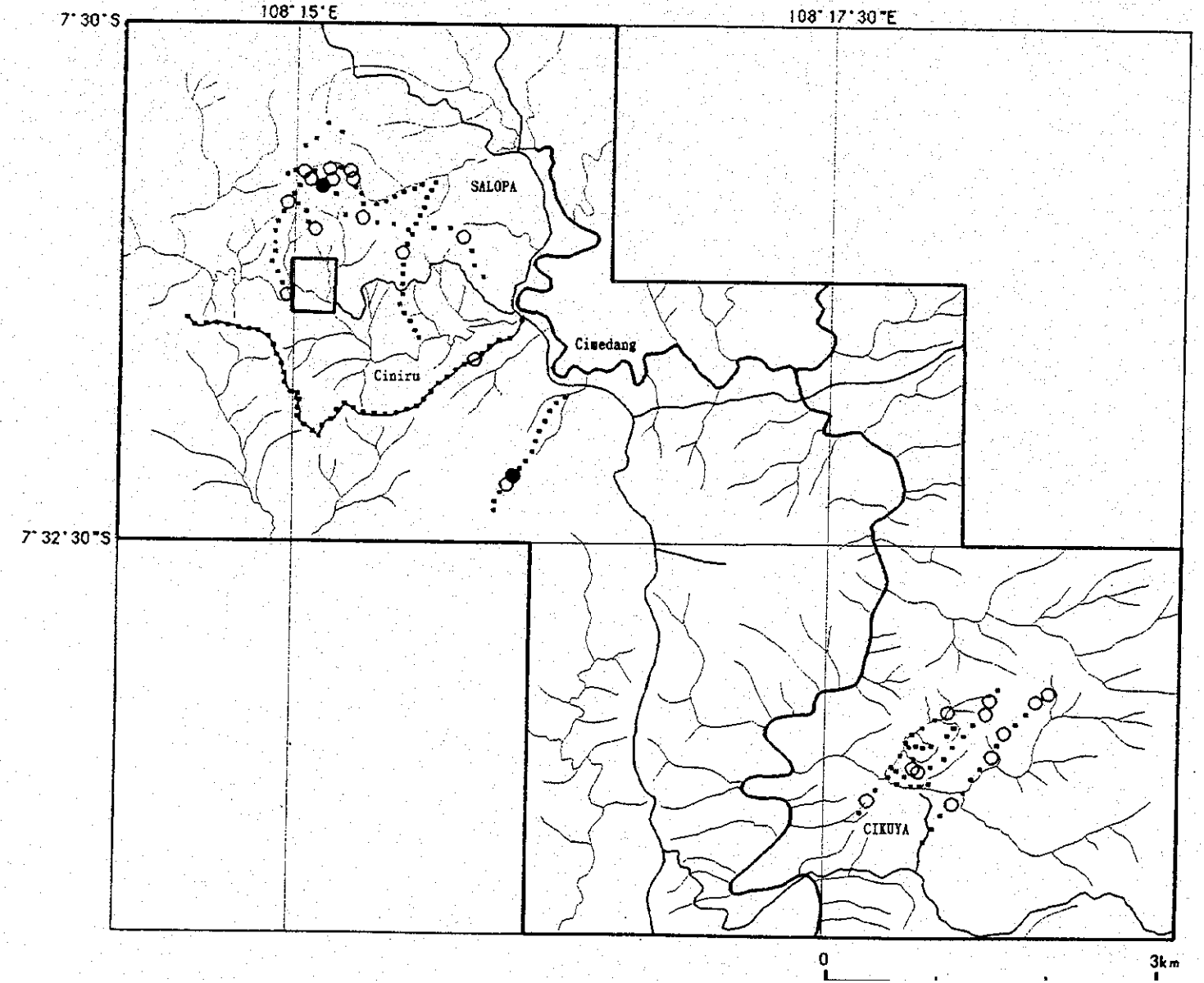
Mn

● >2740ppm

○ >1210ppm

· <1210ppm

SALOPA AREA



Soil Geochemistry

Ba

● >280ppm

○ >140ppm

▪ <140ppm

App. 6

Results of Gold and Heavy Mineral Analysis

App. 6 Results of Gold and Heavy Mineral Analysis(1/10)

SALOPA AREA

Sample No.	Location	Observation by Loupe: Au Count C	M	F	Vf	Other Minerals	Observation by Binocular-Microscope: Au Count C	M	F	Vf	Cin. Count	Ag	Cp	Py	Gn	As	Sb	Mg	Ep	Zi	Px	Am	Im	Rl	Io	Qz
												A=60 to 100%, M=30 to 60%, F=1 to 30%, V= 1 grain to 1%														
AD 4	Cimedang			5						6	V	F		V				V	V	F	V		M			F
AD 5	Ciniru		1	2		Py			1	2	V			F				A	V	V	V		F		F	F
AD 7	Ciniru				5					1			V	F				A	V	F			M			V
AD 8	Ciniru	1	2	15		Cin		1	2	5	V		V	F				M	V	F	F		M			
AD 9	Ciniru				2					1	V			F				M	V	F	F		F		F	F
AD 10	Cilangkan				1									F				A	V	F	F		F		F	F
AD 11	Ciniru		1		1				2	3			V	F				A	F	F	F		F	V		
AD 12	Ciniru	1	2		7				2	4	V		V	F				M	V	F	V		M	V		
AD 13	Ciniru	1	2	4			1		2	8	V		V	V				A	V	V	V		M	V		
AD 14	Ciniru			7						2	V		V	F				M	V	F	F		M	V		
AD 15	Ciniru				5				1	9	V		V	F				M	V	F	F		M	V		
AD 16	Cijolang				1									V				A	F	V	F		F			F
AD 17	Cinagrog			2						1				F				M	F	V	F		F		F	F
AD 19	Ciniru		1	1					1	2	V							M		F	V		M	V	F	
AD 22	Cipanawar								1	2	V			F				M	V	F	V		M	V	F	
AD 23	Cijulang				10	Cin, Py								M			V	F		F	F	V	F	F		
AD 24	Cipanawar					Cin, Zi								F			V	M		F	F	V	M	V		
AD 26	Cipanawar	1		2			1			2				F			V	M	V	F	F	V	F	V		
AD 27	Cipanawar					Hg								F				M		F	F		F	V		
AD 29	Ciniru			2		Hg				3				F	V			M	V	V	V		M	V		
AD 32	Ciniru					Zi, Hg								F				M	V	F	M		F			
AD 56	Cibolang			1						1				V				A	V		V		M			
AD 57	Cimedan		4	5					6	8		V		F				M	V		V		M			
AD 58	Cimedang			3					5	9				V				M	V		V		M			
AD 60	Cimedang	1	2				1		1	2	V	V						M	V	F	V		M			
AD 61	Cimedang				1	Hg												M		F	V		M	V		
AD 62	Cidarmagung																	A	V	V	V		M			
AD 88	Cibatungurung		1		1	Py		1						F				A		V	V		M	V		
AD 89	Cibatungurung													F			V	A			V		M			
AD 90	Ciharuman					Py								F				A		V	F		M			
AD108	Ciharuman									3				F				A	V	V	V		M			V
AD109	Ciharuman			1		Py			1	1				F				A	V	V	V		M			V
AD110	Ciharuman	1		1		Py		1		2				V				A		V	V		M			V
AD111	Cibatungurung				2	Py							V	F				A			V		M			
AD114	Cibatungurung												V	V				A		V	V		M			
AD115	Citajuk													V				A		V	V		M			V
AD119	Cicurugbilik													V			V	A		V	V		M			V
AD120	Cicurugbilik													V				A		V	F		M			V
AD121	Cicurugbilik													V			V	A		V	F		M			V
AD130	Cibolang		1						2					V				A			V		M			
AD131	Cibolang													V				A	V		V		M			
AD132	Cikuya				2	Py								M				F	V		V		V			
AD133	Cidahu									1				V				M		V	V		A			V
AD134	Cisepet													V				M	V	V	F		M			F
AD135	Cigunayun			1								V		V				M	V	V	V		M			F
AD136	Cigunayun				5									V				M		V	V		A			
AD137	Cimedang		3		5					1				F				M	V	V	V		M			
AD138	Cimedang	10		15					8	35		V	V	F				M	V	F	V		M			
AD139	Cimedang	6			3			1	5	5		V	V	F				M	V	V	V		M			
AD140	Cimedang			5						5				V				M	V	V	V		M			

Abr.

Cin:Cinnabar, Ag:Argentite, Cp:Chalcopyrite, Py:Pyrite, Gn:Galena, As:Arsenopyrite, Sb:Stibnite, Mg:Magnetite, Ep:Epidote, Zi:Zircon, Px:Pyroxene, Am:Amphibole, Im:Ilmenite, Rl:Realgar, Io:Iron oxide, Qz:Quartz

App. 6 Results of Gold and Heavy Mineral Analysis(2/10)

SALOPA AREA

Sample No.	Location	Observation by Loupe: Au Count C	M	F	Vf	Other Minerals	Observation by Binocular-Microscope: Au Count C	M	F	Vf	Cin. Count	Ag	Cp	Py	Gn	As	Sb	Mg	Ep	Zi	Px	Am	Im	Rl	Io	Qz
												A=60 to 100%, M=30 to 60%, F=1 to 30%, V= 1 grain to 1%														
AD141	Cacaban									2		V		V				A	V	V	V		M	V		
AD142	Cimedang		3	5						5		V		V				M	V	V	V		M			
AD143	Cilegi			4						5		V		V				M	V	V	V		A	V		
AD144	Ciniru-beet		1	5					2	8		V		V				M	V	V	V		A			
AD204	Cipawarang													V				M	V	V	V		A			
AD205	Cigugur				1								V	V				A	V	V	V		M			
AD206	Cicurug													V		V		A	V	V	V		M			
AD207	Cigugur													V				M	V	V	V		M		V	
AD208	Cigugur													F				A	F	V	F		F		V	V
AD217	Cijure			2					1	1				V				A		V	V		F		V	V
AD218	Cijure													V				A	V	V	V		F		V	V
AD219	Cijure			1										V				A		V	V		F		V	V
AD220	Cijure					Py								F				A	V		F		F		V	F
AD221	Cijure													F				A	V		F		F		V	F
AD222	Cijure													F				A	V	V	F		F		F	F
AD223	Cijure			1						2				V				A	V	V	F		F		V	V
AD224	Cijure		1						2		V			V				A	F		F		F		V	V
AD225	Cijure										V			V				A	F		F		F		V	F
AD226	Cijure			8						2	V		V	V				A	V	F			M			
AD227	Cijure					Py				2	V		V	V				A	V	V			F	V		
AD242	Citambal				2?	Py				1	V		V	F				A	V	V			F			
AD243	Citambal				10	Py								F				A	V	V	F		F			V
AD244	Citambal				10	Py								V				A	V	V	F		F			V
AD245	Citambal				10	Py				1				V				A			F		F			V
AD246	Citambal				10	Py				1	V		V	V				A	V		F		F			
AD247	Citambal				10	Py			4	4	V			V		V		A	V		V		F			V
AD248	Citambal				2	Py, Hg								F				A	V		V		F	V		
AD249	Citambal				10	Hg				1				F				A		V	V		F			V
AD251	Citambal			3	10	Hg, Py			4					F				A			V		F		V	V
AD252	Citambal				10	Py								V				A	V	V	F	V	F		V	
AD258	Citambal													V				A	V	V	F	V	F		V	
AD259	Citambal													V				M			F		M		V	V
AK 1	Cimedang					Py								V				A	V	V	F		F		V	V
AK 4	Cikuya	1			8	Py	1		5	11		V		V				A	V	V	F		F		V	
AK 5	Cimedan					Py				1				V				A	V	V	F		F		V	V
AK 7	Citatah					Py								V				A	V	V	F		F		V	V
AK 8	Cimedang					Py								V				M	V	V	F		F		V	V
AK 13	Cimaranten													V				A	V	V	F		F		V	V
AK 14	Cimedang					Py				1				V		V		M	V	V	F		M		V	
AK 15	Cikuya-Nyen				6	Py								M		V		M	V	V	V		F		F	
AK 16	Cipangaras					Py								F				M	V	V	F		M		V	
AK 17	Cikuya-Nyen				1	Py								F				F	V	V	F		M		F	F
AK 18	Cikuya-Situ					Py				1				A				F	V	V	F		F		V	F
AK 19	Cikuya					Py				2				F				A	V	V	V		F		V	
AK 20	Cikuya				1									V		V		M		V	V		M		V	
AK 21	Cipangaras				2	Py				1				V		V		M		V	V		M		V	
AK 22	Cikuya					Py								F		V		M		V	V		M			F
AK 23	Cikuya				2	Py								V				A	V	V	F		F			F
AK 24	Cikuya				1	Py				1				V				A	V	V	V		F			V
AK 25	Cipari				1	Py								V				M	V	V	V		M			V

Abr.

Cin:Cinnabar, Ag:Argentite, Cp:Chalcopyrite, Py:Pyrite, Gn:Galena, As:Arsenopyrite, Sb:Stibnite, Mg:Magnetite, Ep:Epidote, Zi:Zircon, Px:Pyroxene, Am:Amphibole, Im:Ilmenite, Rl:Realgar, Io:Iron oxide, Qz:Quartz

App. 6 Results of Gold and Heavy Mineral Analysis(3/10)

SALOPA AREA

Sample No.	Location	Observation by Loupe: Au Count C	M	F	Vf	Other Minerals	Observation by Binocular-Microscope: Au Count C	M	F	Vf	Cin. Count	Ag	Cp	Py	Gn	As	Sb	Mg	Ep	Zi	Px	Am	Im	Rl	Io	Qz
												A=60 to 100%, M=30 to 60%, F=1 to 30%, V= 1 grain to 1%														
AK 26	Petir					Py				?				V				M	V	V	V		M			V
AK 27	Cikuya					Py				1				V				M	V		F		M			F
AK 28	Cimuncang					Py								V				A	V		V		F			F
AK 29	Cimuncang 2					Py								V				A	V	V	F		F			F
AK 30	Cikuya					Py												A	F		F		V		F	F
AK 32	Limusnunggal					Py												M	V	V	V		F		F	F
AK 33	Citatah																	A	V	V	F		F			V
AK 39	Cimedang																	A	V		M		F			F
AK 40	Cimedang													V	V			M	V	V	F		F		F	
AK 41	Cimedang													V				M	V		V		M		V	
AK 42	Cibeunying				2	Py			1	2			V	F	V			M	V	V	V		M			
AK 43	Cibeunying				1	Py							V	F				M	V	V	F		F		V	
AK 44	Cimedang													V				A	V	?	F		F		F	F
AK 45	Cimedang					Py								V				A	V		F		F		F	F
AK 46	Cimedang					Py												A	V	V	F		M		F	F
AK 47	Cimedang					Py												M	V		F		M		F	F
AK 49	Cimedang					Py												M	V	V	V		M		F	V
AK 50	Cijeruk					Py				2	V		V	V				M		V	F		M		F	
AK 51	Cijeruk									?	?		V	?				M		V	V		M		F	
AK 52	Cijeruk									2	V	V	V	V				M		V	V		M			
AK 53	Cipandai													V	V			M	V	V	F		F		F	
AK 55	Cijeruk					Py								V	V			M	V	V	F		M		V	
AK 56	Cijeruk					Py						V						M	V		F		M		V	
AK 60	Cipandai																	A	V		F		F			V
AK 61	Cigugur													V				A		V	F		F			V
AK 62	Cigugur																	A	V	V	F		F			V
AK 64	Cigugur													V				A		V	F		F		F	
AK 68	Cigugur					Py								V				A		V	F		V		F	
AK 69	Cigugur					Py								V				A			F	V	F		F	
AK 70	Cigugur					Py								V				A	V	V	V		F		V	
AK 71	Cigugur					Py								F				A	V	V	V		F		V	
AK 73	Citembong					Py								F				A	V		V	V	F			V
AK 78	Citembong					Py								V				A	V	V	F	V	F			
AK 80	Citembong					Py								V				F	?	?	M	F	V			
AK 81	Citembong					Py								V				M	V		F	F	F			
AK 82	Ciseel				9	Py							V	V				A	V		F	F	F			
AK 83	Ciseel																	A	V		F		F			
AK 84	Ciseel													V				A	V		F		F		F	F
AK 85	Ciseel													V				M	V		F		F		F	V
AK 86	Ciseel													V				A	V		F	V	F		F	
AK 88	Ciseel																	M			M	V	F		F	
AK 89	Ciseel																	M			F	V	F		F	
AK 90	Ciseel					Hg								V				M	V		M		F		F	V
AK 91	Ciseel				?	Py, Cp								V				A	V		F		F		F	F
AK 92	Ciseel													V				M	V		M		F		F	F
AK 93	Ciseel					Py								V				M	V		F		F		F	F
AK 94	Ciseel					Py								V				A	V		F		F		F	F
AK 95	Ciseel																	A	F		F		F		F	F
AK 96	Ciseel				10	Py, Hg												A			F		F		F	
AK 97	Ciseel				5	Py, Cp							V	V				A	V	V	F		F		V	

Abr.

Cin:Cinnabar, Ag:Argentite, Cp:Chalcopyrite, Py:Pyrite, Gn:Galena, As:Arsenopyrite, Sb:Stibnite, Mg:Magnetite, Ep:Epidote, Zi:Zircon, Px:Pyroxene, Am:Amphibole, Im:Ilmenite, Rl:Realgar, Io:Iron oxide, Qz:Quartz

App. 6 Results of Gold and Heavy Mineral Analysis(4/10)

SALOPA AREA

Sample No.	Location	Observation by Loupe					Observation by Binocular-Microscope																				
		Au Count				Other	Au Count				Cin.	Ag	Cp	Py	Gn	As	Sb	Mg	Ep	Zi	Px	Am	Im	Rl	Io	Qz
		C	M	F	Vf	Minerals	C	M	F	Vf	Count	A=60 to 100%, M=30 to 60%, F=1 to 30%, V= 1 grain to 1%														
AK 98	Ciseel				3	Py								V				M	V		F		M		F	
AK 99	Ciseel					Py, Cp												M	V		F		F			F
AK100	Ciseel				3	Py, Zi												A	F		F		V			F
AK101	Ciseel				2													A	F		F		F			F
AK102	Ciseel				2	Py								V				A	F	V	F		F		F	
AK103	Ciseel				6	Py								V				M	F	V	F		F		F	
AK104	Ciseel				2	Py								F				M	F	V	F		F		F	
AS 1	Ciwulan													V				A	V	V	V		M		V	V
AS 2	Ciwulan													V				A	V	V	F		F		V	V
AS 3	Ciwulan													V				A	V	V	F		F		V	V
AS 4	Cikatulampa													V				M	V	V	F	V	M			V
AS 7	Cigeureung													V				M	V	?	F	V	M			F
AS 8	Ciwarak													V				M	V	V	F	V	M			V
AS 9	Ciwulan					Zi								V				M	V	V	M	V	F			V
AS 10	Ciwulan													V				A	V	V	F	V	F			V
AS 11	Cirongan													V				A	V	V	V		F			V
AS 12	Ciputih													V				M	V	V	F	V	F			V
AS 13	Cigelap																	M	V	V	M	F	F			V
AS 14	Cimuran													V				A	V	V	F	V	F			V
AS 15	Cibucakan					Py								V				M	V	V	F	V	F			
AS 17	Cibatur													V				M	V	V	V	V	M			
AS 20	Cibatur													F				M	V	?	F	V	V			
AS 28	Ciwarak													F				M	V	V	V		M			F
AS 30	Cibahjur													V				M	V	V	F		M			V
AS 31	Ciwarak										V			V				M	V		F		M			F
AS 33	Cibangbai													V				M	V	V	F	V	M			V
AS 34	Cibangbai													V				M	V	V	V		A			V
AS 35	Cibangbai					Py								V				F	V	?	V		A			V
AS 36	Cigorowan													F				F	V	V	F	V	A			F
AS 38	Cibangbai													V				F	V		V		A			V
AS 39	Cibangbai																	F	V	V	M		F			F
AS 40	Cibangbai																	A	V	V	F		F			F
AS 41	Cibangbai													V				F	V	V	F		A			V
AS 42	Gulingmunding					Py								F	V			A	V	V	F		F		F	
AS 43	Gulingmunding					Py								V				F	V	V	F		M		F	
AS 44	Citilu					Py								V		V		F	V	V	F		M		F	
AS 45	Cipangaras												V	V	V			M		V	V		A			
AS 46	Cipangaras					Py						V		V	V			M	V		V		M			
AS 47	Cipangaras												V	V	V			M	V		V		M			
AS 48	Tuyangkokod					Py								?				A	V	?	V		F			
AS 49	Citarunggang					Py								V				M	V	V	V		M			
AS 51	Cikarang					Py								V				A	V	V	V		F			
AS 55	Ciguha																	A	V		V		F		F	
AS 56	Cimanjeti				1	Py				1								A	V	V	V	V	F		F	
AS 57	Cimanjeti					Py												A	V		F		F		F	
AS 58	Cigugur					Py								V				A		V	V		F		F	V
AS 59	Cigugur					Py								V				A			V		F		V	V
AS 60	Cigugur					Py								V				A			V		F		V	V
AS 61	Cigugur													V				A			F		F		V	V
AS 63	Cigugur					Py								V				A		V	F		F		F	V

Abr.

Cin:Cinnabar, Ag:Argentite, Cp:Chalcopyrite, Py:Pyrite, Gn:Galena, As:Arsenopyrite, Sb:Stibnite, Mg:Magnetite, Ep:Epidote, Zi:Zircon, Px:Pyroxene, Am:Amphibole, Im:Ilmenite, Rl:Realgar, Io:Iron oxide, Qz:Quartz

App. 6 Results of Gold and Heavy Mineral Analysis(5/10)

SALOPA AREA

Sample No.	Location	Observation by Loupe: Au Count C	M	F	Vf	Other Minerals	Observation by Binocular-Microscope: Au Count C	M	F	Vf	Cin. Count	Ag	Cp	Py	Gn	As	Sb	Mg	Ep	Zi	Px	Am	Im	Rl	Io	Qz
												A=60 to 100%, M=30 to 60%, F=1 to 30%, V= 1 grain to 1%														
AS 64	Cihapitan					Py								V				M		V	F		F		F	V
AS 65	Cipagadingan									1			V	F		V		M	V	V	F		M			
AS 66	Citamiang					Py							V	V		V		M	V	V	F		M			
AS 67	Ciaul																	A	V		F		F		F	F
AS 68	Cisapua					Py												M	V		A		F		F	F
AS 69	Cipagadiagan					Py								V				M			M		F		F	F
AS 70	Cipusws					Py								V				M	V	V	M		F		F	V
AS 71	Cisarua					Py												A	V		F		F		F	V
AS 72	Cihapitan					Py								V				A	V		F		F		F	V
AS 73	Cihapitan					Py								V				M	V		F	V	F			V
AS 74	Cihapitan					Py								V				M			F	V	F		F	
AT 1	Cipinaha													V				M	V	V	M		F			F
AT 2	Cikidang													V				M	V	V	F		F			F
AT 7	Cibenyot													V				M	V		F		M			V
AT 8	Cipinaha											V		V				F	V	V	F		A			
AT 10	Cidamar											V		V				M	V	V	F		M			
AT 11	Cipinaha													V				M	V		F		F			V
AT 13	Anteg-Hilir													V				M	V		F		M			F
AT 14	Cipinaha													V				A			F		F			V
AT 15	Cipinaha													V				M	V		F		F			V
AT 16	Cinundjang													F				A	V	V	F		F			V
AT 17	Cisarua													F				F	V	V	F		A			V
AT 18	Cibongkok													F				M	V	V	F		M			V
AT 19	Cisela													F	V			M	V	V	F		M			
AT 20	Cipaniis													F				F	V	V	F		A			V
AT 21	Gulingmunding													F				F	F	V	F		A			F
AT 23	Cipateung													V				A			V	F	F			V
AT 27	Cipinaha													V				A	V		F	V	F		F	
AT 28	Cimaranten													V				M	V	V	F		F			F
AT 31	Cimaranten													V				A	V	V	F		F			F
AT 34	Cicondong													V				M	V		F		M			F
AT 35	Cimaranten													V				A	V		F		F			F
AT 36	Cipurug													V				A	V		F		M			V
AT 38	Cipawuitra													V				A	V		F		F			V
AT 39	Cimaranten													V				A	V	V	F		F			V
AT 41	Cihowe													F				A	V		F		M			V
AT 42	Cimaninten													V				A	V		F		F			F
AT 44	Ciintang													?				A	V		F		F			V
AT 45	Cimaranten													V				A	V	V	M		F			F
AT 47	Cimanintiin																	A	V		F		F			V
AT 48	Cimandala																	A	V	V	F		F			
AT 49	Cipangesikan				6									V				M	V	V	V		M			
AT 50	Cimandala													V				A	V		F		F			
AT 51	Cipangesi				1				1	1	V		V	V		V		M	V		F		M			
AT 52	Cipanyembahan				4					1	V		V	V				M	V		F		M			
AT 53	Cimonyet												V	V		V		A	V		F		F			
AT 54	Cisukaintan													V				A	V		F		F			V
AT 55	Cihike													V				A	V		F		F			V
AT 56	Cimandala													V				A	V		F		F			V
AT 57	Ciparay													V				A	V		V		F			V

Abr.

Cin:Cinnabar, Ag:Argentite, Cp:Chalcopyrite, Py:Pyrite, Gn:Galena, As:Arsenopyrite, Sb:Stibnite, Mg:Magnetite, Ep:Epidote, Zi:Zircon, Px:Pyroxene, Am:Amphibole, Im:Ilmenite, Rl:Realgar, Io:Iron oxide, Qz:Quartz

App. 6 Results of Gold and Heavy Mineral Analysis(6/10)

SALOPA AREA

Sample No.	Location	Observation by Loupe: Au Count C	M	F	Vf	Other Minerals	Au Count C	M	F	Vf	Cin. Count	Observation by Binocular-Microscope: Ag	Cp	Py	Gn	As	Sb	Mg	Ep	Zi	Px	Am	Im	Rl	Io	Qz
												A=60 to 100%,			M=30 to 60%,			F=1 to 30%,			V= 1 grain to 1%				
AT 59	Cimandala												V	V				A	V	V	F		F			V
AT 61	Cimandala													V				M	V		F		F			V
AT 65	Cimandala																	A	V		F		F			V
AT 69	Cimade																	A	V		F		F			V
AT 70	Cimade																	A	V		F		F			V
AT 72	Cimade																	A	V		V		M			V
AT 74	Citambal				6													M	V		V		M			V
AT 77	Citambal				2									V				M	V		V		M			
AT 79	Citambal												V	V				M	V		V		M			
AT 80	Citambal												V	V				M	V		V		M			
AT 81	Ciseel												V	V				A	V	V	F		F			
AT 82	Nyalindung												V	F		V		M	V		F		F			
AT 83	Ciseel																	A	V		F		F			
AT 84	Ciseel																	A	V		F		F			V
AT 85	Nyalindung									1			V	V		V		M	V	V	F		F			
AT 86	Nyalindung												V	V				F	F	?	F		F			
AH 4	Cibaregbeg					Py								V				A		V	V	V	F			
AH 13	Cibunter													V				M		V	F	V	M		F	
AH 14	Ciyati																	A	V		V	V	F		F	
AH 15	Ciyati					Py												M	F		F	F	F		V	
AH 16	Cibunten				6									V				F	V	V	V	V	M		F	
AH 17	Cibunten				1									V				F	V	V	V	F	M		F	
AH 18	Cilawang													V		V		F	V	V	V	V	M			
AH 19	Cibunten													V				F	V	V	V	V	A			
AH 20	Cibunten													V				F	V	V	V	V	A		F	
AH 21	Ciruluk													V				F	V	V	V		M		V	
AH 22	Cibongkok													V				F					A		F	V
AH 23	Cikaraha													V				F					A		F	V
AH 24	Cibunten													V				M		V		V	A		V	V
AH 25	Cibunten				2									F				F		V	F	V	M		V	
AH 26	Cikalong													F				F		V	V		M		V	
AH 27	Cibunten				1									F				F					A		F	V
AH 28	Cigajah													V				F	V				M		V	V
AH 29	Cibunten				1									V				M	V				M		F	F
AH 30	Cibunten					Hg, Zi								V				A	V	V			M		F	
AH 31	Cibaregbeg													V				M	V	V			M			F
AH 32	Cibaregbeg			2		Hg			1	1				V				M	V	V			A			F
AH 33	Cibeureum													V				A	V	V	V		F			V
AH 34	Cibaregbeg													V				M	V	V	V		A			V
AH 35	Cibaregbeg													V				M	V	V	F	V	M			V
AH 36	Cibaregbeg		1							1				V				F		V	F		A			
AH 38	Ciwalang													V				F	V	V	V		A			
AH 39	Ciwalang													V				F	V	V	V		M			
AH 40	Ciwalang													V				F	V	V	V		A			
AH 41	Ciwalang													V				F	V	V	V		A			
AH 42	Ciwalang													V				F	V	V	V		A			F
AH 43	Cipanas													F				F	V		V		V			F
AH 46	Cimandala													V				A	V	V	V		F			F
AH 57	Cijalu													V				F		V			V		A	
AH 58	Cigugur													F				M	V	V	F		F		V	
Abr.																										

Cin:Cinnabar, Ag:Argentite, Cp:Chalcopyrite, Py:Pyrite, Gn:Galena, As:Arsenopyrite, Sb:Stibnite, Mg:Magnetite, Ep:Epidote, Zi:Zircon, Px:Pyroxene, Am:Amphibole, Im:Ilmenite, Rl:Realgar, Io:Iron oxide, Qz:Quartz

App. 6 Results of Gold and Heavy Mineral Analysis(7/10)

SALOPA & CISASAH AREA

Sample No.	Location	Observation by Loupe					Observation by Binocular-Microscope																				
		Au Count				Other	Au Count				Cin.	Ag	Cp	Py	Gn	As	Sb	Mg	Ep	Zi	Px	Am	Im	Rl	Io	Qz
		C	M	F	Vf	Minerals	C	M	F	Vf	Count	A=60 to 100%, M=30 to 60%, F=1 to 30%, V= 1 grain to 1%														
AH 59	Cijurey										V		V	V				A	V	V	V		F			
AH 60	Ciseel			1		Py					V			V				A	V	V	V		F			V
AH 61	Ciseel													V				A	V	V	F		F			V
AH 62	Ciseel													V				M	V	V	V		M			V
AH 63	Ciseel				1							V		V				A	V	V	F		F			V
AH 64	Cibarahan													V				A	V	V	F	M	V			V
AH 65	Ciseel													V				A	V	V	F		F			V
AH 66	Cibayongong				1	Py								V	V			A	V	V	F		F			V
AH 67	Ciseel				1	Py								V				A	V	V	F		F			V
AH 69	Ciseel													V				A	V	V	F	V	F			V
AH 75	Cilandak				1									V				A	V	V	F	V	F			V
AH 78	Citiis				1									V				A	F	V	V	V	F			V
CD272	Cisasah													V				M	V	V	V		M			
CD274	Cisasah					Fe oxide								V				A	V	V	F		F			
CD276	Cisasah-hilir													V				M	V	V	?		M			
CD282	Cisisih										V			V				M	V	V	V		M			
CD290	Mekarjaya													V				A	V	V	V		M			
CD292	Ciakas													V				M	V	V	V		M			
CD296	Cipicung													V		V		M		V	V		M			
CD300	Cipicung										V			V				M		V	V		M			
CD303	Cicadas										V			V				M		V	V		A			
CD312	Cijambehaseum													F				M	V	V	V		M			V
CD315	Cijambehaseum													F				M	F	V	V		M			F
CD318	Cijambehaseum				2	Fe oxide								F				M	V		V		F			V
CD336	Cibeber				?									V				M	V	V	V		M			F
CD338	Citisuk				1					1				F				M	V	V	V		M			F
CD348	Citisuk													F				A		V			F			F
CD349	Cijolang													V				A	F	V	V	F	F			F
CD361	Citisuk			1										F				M	V	V	V		M			F
CK 1	Cisasah				6	Py								F	V			A	V	V	V	V	M			
CK 2	Ciwulan				1	Py								V		V		M	V	V	M		F			
CK 3	Ciwulan				4									V				M	V	V	F	V	F			
CK 4	Ciwulan													V				M	V	V	F	V	F			
CK 5	Ciwulan					Mn-oxide								V				M	V		V	V	F			
CK 6	Ciwulan													V				A	V	V	F	V	F			
CK 7	Cibatuireng				2									V				M	V	V	V		M			F
CK 8	Cibatuireng																	F	V		V		M			M
CK 9	Cibatuireng													?				M	V	V	V		M			F
CK 10	Cibatuireng				1	Py								V				M	V		F	V	M			
CK 11	Cibatuireng													V				F	F		V	V	M			
CK 12	Cibatuireng													V				M	V		V	V	M			
CK 13	Cibatuireng													V				M	V		V	F	M			
CK 14	Cibatuireng													V				F	V		V	V	A			
CK 15	Cibatuireng													V				F	V		V	V	A			
CK 17	Cibersih					Py, Cp												F	V		V	V	A			
CK 19	Cibersih					Py							V	F	V			F	M		V		F			
CK 20	Cilangla					Py								F	V	V		F	M		V		F			
CK 21	Cibengang					Py							V	V	V			A	V		V		F			
CK 22	Cipalahlar					Py								V				M	F		V		F			M
CK 27	Situyang					Py												F	F		V		F			M

Abr.

Cin:Cinnabar, Ag:Argentite, Cp:Chalcopyrite, Py:Pyrite, Gn:Galena, As:Arsenopyrite, Sb:Stibnite, Mg:Magnetite, Ep:Epidote, Zi:Zircon, Px:Pyroxene, Am:Amphibole, Im:Ilmenite, Rl:Realgar, Io:Iron oxide, Qz:Quartz

App. 6 Results of Gold and Heavy Mineral Analysis(8/10)

CISASAH ARA

Sample No.	Location	Observation by Loupe: Au Count C	M	F	Vf	Other Minerals	Observation by Binocular-Microscope: Au Count C	M	F	Vf	Cin. Count	Ag	Cp	Py	Gn	As	Sb	Mg	Ep	Zi	Px	Am	Im	Rl	Io	Qz
												A=60 to 100%, M=30 to 60%, F=1 to 30%, V= 1 grain to 1%														
CK 29	Situyang					Py												M	F		V		F			F
CK 31	Cijeruk					Py								V				M	F		F		F			F
CK 32	Cilangla					Py												A	V		V		F			V
CK 33	Cilangla					Py								V				A	V		F		F			F
CK 35	Cilangla					Py							V					A	V		V		F			
CK 36	Carongge													V	V			M	V	V	F		F			
CK 37	Cipalalar					Py, Cp												F	F		F		F			V
CK 38	Cijeruk					Py												F	F		F		F			F
CK 39	Cipalalar					Py, Cp												F	F		F		F			A
CK 40	Cipalalar					Py, Cp								F				F	F		F		V			M
CK 43	Cipalahlar																	M	F		F		F			F
CT 3	Cimuntjang													F				A	F	V	V	V	F			F
CT 5	Cikoplok													V				M	V	V	F		F			F
CT 6	Cikoplok													F	V			M	V	V	V	V	M			
CT 9	Cigorowong																	M	V		F	V	A			V
CT 10	Cigorowong																	M	V		F	V	M			V
CT 13	Cidjaln													V				A	F		F	F	F			F
CT 17	Cidjaln													F		V		M	V	V	F		M			
CT 23	Cidarawati												V	V		V		A	V	V	V		F			
CT 24	Cidarawati													V				M		V	V		M			F
CT 25	Citisuku												V	F		V		A	V	V	V		M			
CT 26	Cidarawati													A				F	V		V	V	F			F
CT 27	Cipatujah													V				F	V	V	V	V	F			V
CT 28	Cigalu													V				A	V		V		M			
CT 29	Cipatudjah												V	V				M	V	V	V		A			
CT 30	Cipatudjah												V	V				A	V	V	V		F			
CT 31	Cipatudjah													V				A	V	V	F		F			F
CT 32	Cibaranang													V		V		M	V	V	V		M			F
CT 38	Citowe													V				A	V	V	V		F			F
CS 1	Cisasah					Py								F				A	V	V	V		M			V
CS 2	Cisasah					Py					V			F	V			A	V	V	V		F			F
CS 3	Cipandar					Py					V			V				M	V	F	V		M			V
CS 5	Cibobar													V				M		V	V		M			V
CS 7	Cigorowong													V				M		V	V		M			V
CS 8	Cigorowong													V				M		V	V	V	M			V
CS 10	Ciparawar													P				M	V	V	V		A			F
CS 14	Cilangla													V				A	V	V	V		M			F
CS 15	Cibengnang					Py								F				M	F	F	V	V	M			V
CS 16	Cibengnang					Py					V			M				F	V	V	V		F			F
CS 17	Cibengnang					Gn, Py								M				M	V	V	V		F			M
CS 18	Cibanga					Py					F			F				M	F	V	V		M			
CS 19	Cilangla													F	V			M	F	V	F		F			
CS 20	Cilangla					Py								V				A	V	V	V		F			
CS 23	Cibungur					Py								F	V			A	V	V	V		F			
CH 1	Cikoplok												V	V				M	V		M	V	F			
CH 2	Cipari													V				A	V	V	F	V	F			
CH 3	Cikapunduan													V				M	V	V	M	V	F			
CH 4	Cigorowong													V				M	V	V		V	M			F
CH 5	Cisodang													V				M	V	V		V	M			F
CH 7	Cikelirleutik													V				M	V	V		V	A			F

Abr.

Cin:Cinnabar, Ag:Argentite, Cp:Chalcopyrite, Py:Pyrite, Gn:Galena, As:Arsenopyrite, Sb:Stibnite, Mg:Magnetite, Ep:Epidote, Zi:Zircon, Px:Pyroxene, Am:Amphibole, Im:Ilmenite, Rl:Realgar, Io:Iron oxide, Qz:Quartz

App. 6 Results of Gold and Heavy Mineral Analysis(9/10)

CHISAHA & SIDAMULIH AREA

Sample No.	Location	Observation by Loupe					Observation by Binocular-Microscope																			
		Au Count				Other	Au Count				Cin.	Ag	Cp	Py	Gn	As	Sb	Mg	Ep	Zi	Px	Am	Im	Rl	Io	Qz
		C	M	F	Vf	Minerals	C	M	F	Vf	Count	A=60 to 100%, M=30 to 60%, F=1 to 30%, V= 1 grain to 1%														
CH 8	Cikelirgede													V				F	V		V		A			
CH 13	Cilangla												V	V				M		V	F		M			
CH 14	Cisangiran													V				M	V	V	V		M			
CH 15	Cikapinis													V				M	V	V	V		M			
CH 16	Cibungur					Py						V		F				M	V		V	V	F			
CH 18	Cikijing		1			Py				1				V		V		M	V	V	F	V	M			
CH 19	Cijulang													V				A	V	V	V		F			
CH 22	Ciawitali													V				F	V	V	F		F			
CH 23	Cilape													V				A	V	V	V		F			
CH 25	Cilape													V				A	V	V	V	V	M			
CH 26	Cikodasgede													V				M	V	V	F	F	F			
CH 27	Cibonlode													V				M	V	V	F	F	F			
CH 28	Cicadas													V				M	V	V	V	V	M			
CH 29	Cakacicadas													V				M	V	V	V		M			V
CH 30	Cikadas													V				M		V	V		M			V
BD387	Citambelang													V				A	V	V	F	V	F		V	
BD388	Cikadu													V				A	V		F	F	F			F
BD393	Citamelas													V				A	V	V	M	V	F		V	
BD407	Kalimawang													V				M		V	F	V	F			F
BD410	Cijongrl													V				A		V	F	V	F			F
BD413	Pamuluan													V				A		V	F	V	V			V
BD422	Pamuluan					Py								F				A	V	V	F	V	F			V
BD431	Cimulih													V				A	V		F	V	F			V
BH 1	Cikawung					Py								F				A		V	F		F			V
BH 2	Cikawung													V				A	V	V	F	V	F		F	
BH 3	Cikedawung					Py								V				A	V	V	F		F		F	F
BH 4	Ciwetan													V				A	V	V	F	V	F			F
BH 5	Cijul.-wetan													V				A	V	V	F	V	F			F
BH 6	Cijul.-wetan													V				A	V	V	V		F			V
BH 7	Cilubang													V				M	V	V	V		M			F
BH 8	Cijul.-tengah												V				A	V	V	F	F	F			F	
BH 10	Cisonari					Py								A				F	V		V		V			F
BH 11	Cisonari													F				A	V	V	F	V	F			V
BH 12	Cikoneng													V				A	V	V	V		F			V
BH 14	Cisawangan													V				A	V	V	V	V	F			
BT 1	Cijul.-tengah																	A		V	M	V	V		V	
BT 3	Cilutung																	A		V	F	F	V			F
BT 4	Pr-Muncant																	F		V	A	V	V		V	
BT 5	Cijul.-tengah													V				A	V		F	V	F			V
BT 6	Ciwaitali													V				A	V	V	V	V	F			V
BT 8	Ciwaitali													V				A	V	V	F	V	F			V
BT 9	Citambelaus													F				M	V	V	M	V	F		F	
BT 11	Gambirsotolok													V				A	V		F	V	F		V	
BT 12	Ciputro-ping.													V				A	V		V	V	F			
BS 3	Cikaso					Py								F				A	V	V	V		F			
BS 4	Cikaso					Py								V				A		V	V		F		V	
BS 5	Ciengek					Py								F				A		V	V		F			
BS 6	Cisumur													V				A	V	V	A		F			V
BS 7	Cikaso					Py								F				A	V	V	F		F			F
BS 8	Cinangkerok					Py								F				A	V	V	F		F			F

Abr.

Cin:Cinnabar, Ag:Argentite, Cp:Chalcopyrite, Py:Pyrite, Gn:Galena, As:Arsenopyrite, Sb:Stibnite, Mg:Magnetite, Ep:Epidoto, Zi:Zircon, Px:Pyroxene, Am:Amphibole, Im:Ilmenite, Rl:Realgar, Io:Iron oxide, Qz:Quartz

App. 6 Results of Gold and Heavy Mineral Analysis(10/10)

SIDAMULIH AREA

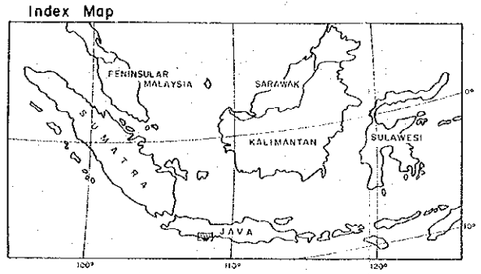
Sample No.	Location	Observation by Loupe					Observation by Binocular-Microscope																	
		Au Count				Other	Au Count				Cin.	Ag	Cp	Py	Gn	As	Sb	Mg	Ep	Zi	Px	Am	Im	Rl	Io	Qz
		C	M	F	Vf	Minerals	C	M	F	Vf	Count	A=60 to 100%, M=30 to 60%, F=1 to 30%, V= 1 grain to 1%													
BS 9	Cinankerok					Py								V				A	V	V	F		F			F
BK 1	Cimanggu					Py								V				A	V		F		F		F	F
BK 2	Cimanggu					Py								V				M	F		F		F		F	F
BK 3	Cimanggu					Py								V				M	F		F		F		V	V
BK 4	Bonjorsari																	A	V		F		V		F	F
BK 5	Cimanggu																	A	V		F		F		F	F
BK 6	Karidoren																	F	V		A		F		F	F
BK 7	Cimanggu																	A	V		F		V		F	V
BK 9	Sidamulih 2																	A	V		F		F		F	V
BK 10	Sidamulih 2																	A	V		F		F		F	V
BK 11	Sidamulih 2																	A	V		M		V		V	V
BK 12	Cigabong					Py												M	V		M		V		F	F
BK 13	Muara 3					Py												M	V		F		F		F	F
BK 14	Lingga					Py												A	V		V	V	F		F	
BK 16	Cilang, kachan					Py												A	V		F		F		F	F
BK 17	Cikembaran					Py												A	V		F		V		V	V
BK 18	Citaman					Py												A	V		F		F		F	V
BK 19	Cigun, karang					Py												M	V		M		F		F	V

Abr.

Cin:Cinnabar, Ag:Argentite, Cp:Chalcopyrite, Py:Pyrite, Gn:Galena, As:Arsenopyrite, Sb:Stibnite, Mg:Magnetite, Ep:Epidote, Zi:Zircon, Px:Pyroxene, Am:Amphibole, Im:Ilmenite, Rl:Realgar, Io:Iron oxide, Qz:Quartz

CIAMIS - TASIKMALAYA DISTRICTS
WEST JAVA

Index Map



Scale 1 : 100,000

0 1 2 3 4 5 6 7 8km

SALOPA AREA

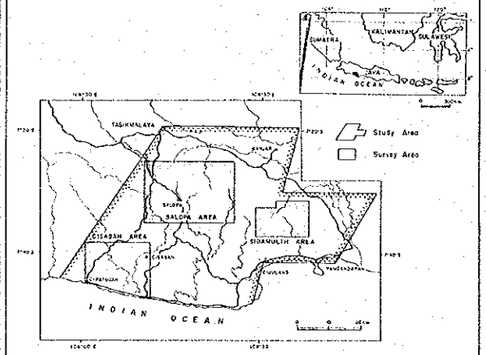
CISASAH AREA

BOJONG
CIKONONG
CIAMIS
TASIKMALAYA
CIHIDEUNG
SINGAPARNA
CIBEUREUM
MANONJAYA
CISAGA
CIMARAGAS
CIHEAM
CIKONDANG
Cikondang
Citembat
SUKARAJA
CISALONG
SALOPA
LANGKAP LANCAR
Kalong Jambe
CIGUGUR
CIKATOMAS
PALUMBUNGAN
Panglalan
PAMARICAN
PARIGI
Cikukulu
KARANGNUENGGAL
BANTARKALONG

PL. 1

REPORT ON THE COOPERATIVE MINERAL EXPLORATION
IN THE TASIKMALAYA AREA, THE REPUBLIC OF INDONESIA
PHASE I

MAP SHOWING THE KNOWN MINERAL SHOWINGS AND EXISTING SURVEY DATA IN THE STUDY AREA



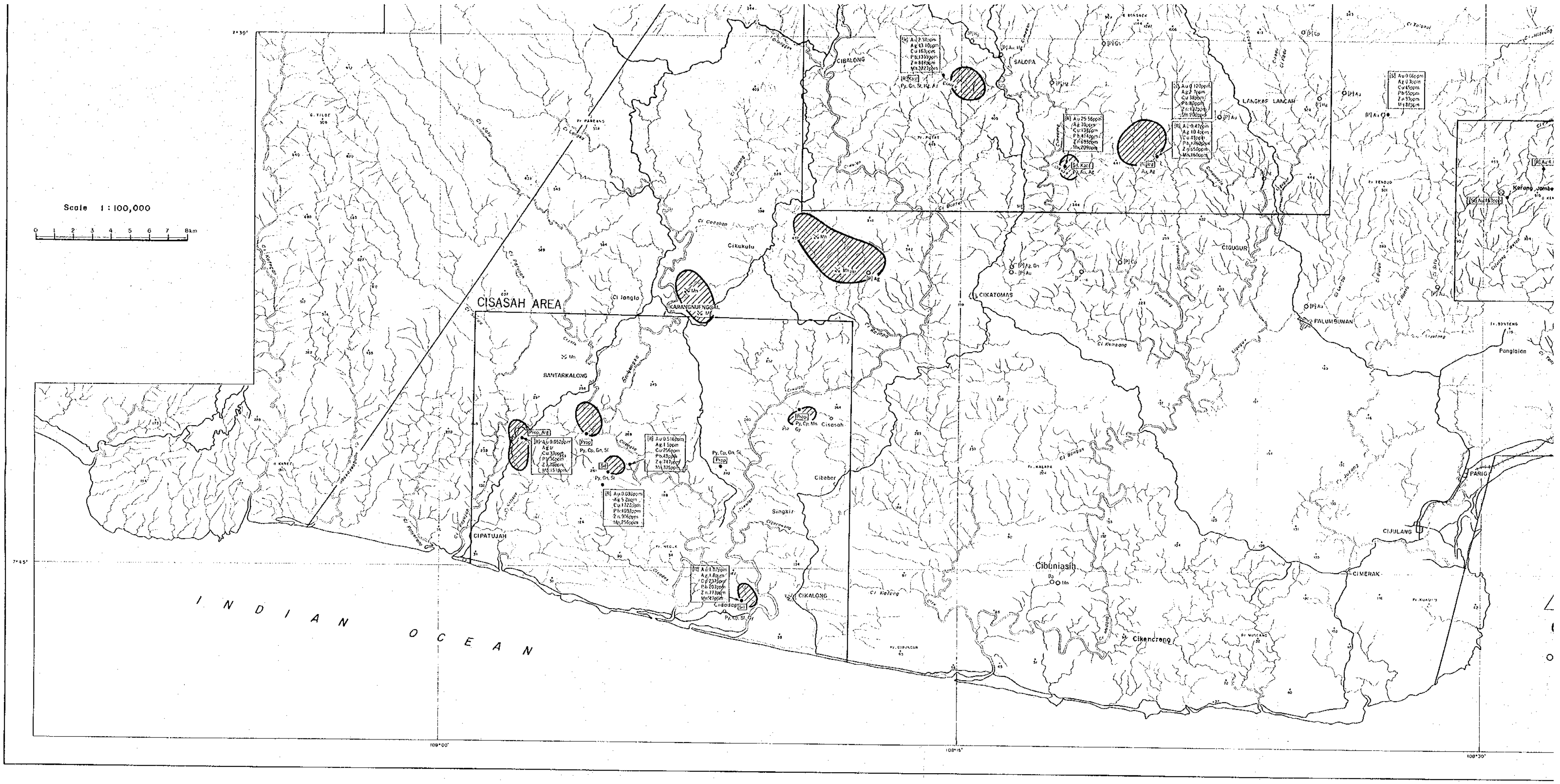
FEBRUARY 1995

JAPAN INTERNATIONAL COOPERATION AGENCY
METAL MINING AGENCY OF JAPAN

1 : 100,000

0 1 2 3 4 5 6 7 8Km

CIAMIS
CIMARAGAS
CISAGA
BANJAR
PAMARICAN
BANJARSARI
CIKONDANG
Cikondang
Citombol
LANGKAP LANCAR
CIGUGUR
PALUMBONAN
SIDAMULIH AREA
Karang Jombang
Kalijati
G.TAMIANG
PADAHERANG
Panglaian
Pancatengah
Sidamulih
KALIPUCANG
PANGANDARAN
PANJI


Scale 1 : 100,000
0 1 2 3 4 5 6 7 8km
7°30'
7°45'
109°00'
108°15'
108°30'
CISASAH AREA
INDIAN OCEAN
G. TILOE
Ci Jaju
Ci Kalapa
Ci Patujah
Ci Langka
Pr. PAREANG
Ci Sauang
Ci Cotaban
Cikukulu
Ci Janglo
KARANGNUENGGAL
CIBALONG
SALOPA
Pr. PUTAT
Ci Bunter
LANGKAP LANCAH
CIGUGUR
CIKATOMAS
Ci Kalapa
Ci Kembang
PALUMBUNAN
Panglalan
PARIGI
CIJULANG
CIMERAK
Cibuniasih
Cikencreng
Pr. MUNCANG
Pr. KALAPA
Ci Bongas
Ci Jutang
Pr. KUAUYO
Pr. BONTENG
Karang Jambe
BANTARKALONG
CIPATUJAH
Ci Panyerang
Cibeber
Singkir
Cisasah
Pr. NEGLA
CIKALONG
Ci Kalang
Pr. CIBUNGUR
Cidadap
Prop. Arg
[R] Au 0.052ppm Ag tr Cu 33ppm Pb 56ppm Zn 126ppm Mn 151ppm
Prop
Py, Cp, Gn, Sl
Sil
Py, Gn, Sl
[R] Au 0.516ppm Ag 1.5ppm Cu 256ppm Pb 48ppm Zn 747ppm Mn 305ppm
[S] Au 0.093ppm Ag 5.2ppm Cu 1723ppm Pb 1093ppm Zn 906ppm Mn 256ppm
Py, Cp, Gn, Sl
Prop
Py, Cp, Mn Gy
[R] Au 1.07ppm Ag 1.8ppm Cu 237ppm Pb 203ppm Zn 773ppm Mn 87ppm
Sil
Py, Cp, Sl, Gy
[R] Au 2.32ppm Ag 43.10ppm Cu 163ppm Pb 1359ppm Zn 848ppm Mn 3727ppm
[R] Kaol
Py, Gn, Sl, Hg, As
[P] Au, Hg
[P] Hg
[P] Gs
[R] Au 25.56ppm Ag 70ppm Cu 138ppm Pb 414ppm Zn 693ppm Mn 209ppm
Sil, Kaol
Py, As, Ag
[S] Au 0.120ppm Ag 2.7ppm Cu 38ppm Pb 80ppm Zn 132ppm Mn 200ppm
[R] Au 0.42ppm Ag 10.4ppm Cu 43ppm Pb 1260ppm Zn 650ppm Mn 160ppm
Au, Ag
[P] Au
[P] Cp
[P] Hg
[P] As
[S] Au 0.06ppm Ag 0.3ppm Cu 45ppm Pb 55ppm Zn 93ppm Mn 88ppm
[P] Ag, Gn
[P] Au
[P] Cu
[P] Ag
[P] Au
Mn
Pr. TENDJO
Ci Tolgoal
Ci Hideung
Ci Kalapa
[S] Au 4.83ppm
Bs
Mn

SIDAMULIH AREA

LANGKAP LANCAR

CIGUGUR

FALUMSUNAN

Ponglalan

Pencolok

Sidamulih

PAGAHERANG

G.TAMIANG

Kolijoli

KALIPUCANG

PANGANDARAN

PARIGI

CIJULANG

CIMERAK

Cikencreng

7°30'

7°45'

108°30'

108°45'

LEGEND

Field Survey Area

Mineralized Zone / Alteration Zone

O, P : Result of Pan Concentrates

Geochemical Assay Results

●, [R] Rock Chips

[S] Soil

[St] Stream Sediments