

(continued from previous page)

grain No.	mineral	homogenized temp. (°C)	size (μm)	location	occurrence	Remarks
13	quartz	232	5X 5	inner	primary	
Sample: E026R; Average temp. of primary inclusions is 250°C (range:226~277°C)						
1	quartz	226	5X 5	inner	primary	necking downed ?
2	quartz	244	5X 5	inner	primary	
"	"	249	5X10	"	"	
"	"	250	5X 5	"	"	
3	quartz	251	5X 5	inner	primary	
"	"	257	5X 5	"	"	
"	"	257	10X10	"	"	
4	quartz	277	5X 5	inner	primary	
"	"	277	5X10	"	"	
5	quartz	243	5X 5	inner	primary	
"	"	248	5X 5	"	"	
6	quartz	250	5X 5	inner	primary	
7	quartz	243	10X10	inner	primary	
"	"	245	5X10	"	"	
"	"	251	5X 5	"	"	
8	quartz	247	5X 5	inner	primary	
"	"	247	10X10	"	"	
"	"	258	5X10	"	"	
9	quartz	246	5X10	inner	primary	
"	"	250	5X 5	"	"	
10	quartz	241	5X 5	inner	primary	
"	"	243	5X 5	"	"	
11	quartz	230	5X10	inner	secondary	necking downed ?
12	quartz	251	5X10	inner	primary	
"	"	251	5X 5	"	"	
"	"	255	5X 5	"	"	
13	quartz	243	5X 5	inner	primary	
"	"	245	5X10	"	"	
14	quartz	250	5X 5	inner	primary	
"	"	252	5X 5	"	"	
Sample F023: Two-phase fluid inclusion is not detected in this sample.						

Table II-5-6 Microthermometry of Two-Phased Fluid Inclusion

Table II-5-7 Polished Sections of Ore Materials

No.	sample No.	ore name	texture	minerals	remarks	No. sample No.	ore name	texture	minerals	remarks
1	A014R	Py vein	vein composed of Py	Py : max. 2.2mm Cp : max. 0.25mm Sp : in Py grains Ag mineral? : max. 0.1mm droplets in Py possibly Cu-Ag-sulfide		5	Py-Cp-Qtz	dissem. vein	Py : max. 1.3mm Cp : max. 1.8mm Sp : max. 0.3mm Gal : max. 0.3mm Cov : max. 0.2mm	
2	A015R	Py vein	vein composed of Py	Py : max. 2.0mm Cp : 0.02mm Hem : on rim of Py Ag mineral? : in Py. max. 0.2mm		6	Py-Qtz vein	vein	Py : max. 5.0mm Cp : droplets ~ irreg. in Py	
3	A016R	Py	dissem. ~ stringer	Py : 0.2mm max. 1.7mm Hem : film Lim : film		7	Py-Cp-Qtz	dissem. vein	Py : max. 1.0mm Cp : max. 1.0mm Cov : on rim of Cp Hem : 0.02 ~ 0.05mm max. 0.5mm	
4	E023R	Cp-Cov-Py vein	dissem.	Py : 0.3mm max. 5.0mm Cp : 0.1mm max. 3.0mm Cov : 0.02 ~ 0.05mm Sp : intergrown with Cov		8	Hematite in silicif. rock with Py	dissem. ~ stringer	Py : max. 0.6mm Cp : 0.02mm inc. in Py Bor : max. 0.01mm with Cp in Py	
						9	Py-Mar bg. silicif. rock	dissem.	Mar : 0.2mm max. 0.6mm (Mar in Qtz vein 0.8 ~ 1.2mm) Py : max. 1mm Cp : 0.01mm inc. in Mar Sp : 0.01mm inc. in Mar	
						10	Py-Mar bg. silicif. rock	dissem.		

abbreviation : Bor=Bornite Cp=Chalcopyrite Cov=Covellite Gal=Galena Hem=Hematite Lim=Limonite
Mar=Marcasite Py=Pyrite Qtz=Quartz Sp=Sphalerite
bg.=bearing dissem.=dissemination inc.=inclusion silicif.=silicified

crystals suggests the primary homogenization temperature of around 277 C.

Sample E025R

The measured temperature ranges 212 to 256 C, averaging at 233 C. The existence of some necking down phenomenon is possible in the crystals showing the lower temperature. The temperature for the primary homogenization is inferred as around 235 C from the tendency seen in the individual crystal measured.

Sample E026R

The temperature measured ranges from 226 to 277 C averaging at 250 C. One inclusion measured 230 C for a secondary inclusion and this might suggest the necking down of the inclusion. The homogenization temperature for the primary inclusion is considered to be around 250 C from the same reasoning mentioned above.

5-7 POLISHED SECTION OF ORE MATERIALS

The results of the observation are summarized in Table II-5-7. The samples examined were all but one, the sample F005R, from Nipa area. F005R revealed to contain hematite as stringers and dissemination in highly silicified rock. Among the vein quartz samples from Nipa area, the sample E024R contains 0.76 percent copper, and pyrite, chalcopyrite (max. diameter: 1.8mm) associating very minor amounts of sphalerite, galena and covellite are observed under the microscope. The sample J014R is from the quartz vein outcropping at the shore, south of Nipa village, also contains chalcopyrite together with minor sphalerite. The quantity of sulphides including pyrite are sparse in all the specimens examined.

Chapter 6 CONCLUSION AND RECOMMENDATION

6-1 CONCLUSION

Four prospective areas delineated by the preceding geological and geochemical survey executed in 1988 were further studied.

The andesite of Odiongan Volcanics in the surveyed areas has shown characteristically intenser silicification and a higher temperature acidic hydrothermal alteration featured by abundant occurrence of alunite compared with the alteration seen in the andesitic volcanics of Sibala Formation. Hence Odiongan Volcanics has acquired quite a different appearance from that of the Sibala. However, it is possible to assume that the Odiongan in the surveyed areas is actually a highly altered variety of andesitic volcanics of the Sibala Formation, only looks different due to its intenser alteration characteristics.

Only known mineralization in the surveyed areas is found in Nipa area. The mineralization consists of pyrite, chalcopyrite associating minor sphalerite and galena in quartz veins. The veins are with narrow widths and subeconomic grade. The fluid inclusion in the quartz veins indicates around 270 C of the homogenization temperature.

927 soil samples were analysed for gold, silver, arsenic, bismuth, copper, mercury, molybdenum, lead, antimony, zinc and manganese. The geochemical data were analysed by Principal Component

Analysis. Various interesting geochemical anomalies were found in all of the four areas investigated. Most important anomalies were summarized as follows.

1. Gold anomaly stretching N-S direction for more than 800m in Mt. Upao Area.
2. Gold and molybdenum anomalies in Madarag Area.
3. Gold anomaly in the southern portion of Mt. Apiton; molybdenum and copper anomaly located near Puntales village; and base metal anomaly in Nipa Area.
4. Gold anomaly, molybdenum-bismuth-copper anomaly, and arsenic anomaly in Binanan Area.

The gold anomaly in Mt. Upao Area is the most prominent and well defined one and deserves to be explored further.

Although the gold, and molybdenum-copper anomaly in Nipa Area also is interesting one, they need further detailed geochemical and geophysical follow up works to define and assess the anomalies.

6-2 RECOMMENDATION

The gold anomaly located in Mt. Upao Area is a well defined and very prominent one in the lowest gold background among the four areas investigated, and needs confirmation by trenching and/or diamond drilling.

The gold anomaly in Nipa Area needs further delineation by a detailed geochemical sampling combined with a geophysical survey although the anomalous area is in rugged terrain and it may be difficult to execute any geophysical survey there. The molybdenum and copper anomaly located to the west of Puntales village associates a gossaneous area and worth further investigation utilizing IP survey together with detailed geochemical work. The area may have a potential for a porphyry Mo type mineralization.

Although the anomalies in other areas also deserve further investigation, the above mentioned, particularly the gold anomaly in Mt. Upao Area have the priority to be investigated first.

PART III CONCLUSION AND RECOMMENDATION

PART III CONCLUSION & RECOMMENDATION

Chapter 1 Conclusion

Four prospective areas delineated by the preceding survey executed in 1988 were further studied geologically and geochemically.

The ODIONGAN Volcanics in the surveyed areas has acquired intense silicification, higher temperature acidic hydrothermal alteration characteristics featured by abundant existence of alunite and hence has a different appearance from the andesitic volcanics of SIBALA Formation. However, it is a possibility that the Odiongan here is actually a highly altered variety of andesite of the Sibala Formation. Madarag and Mt. Upao areas particularly show these characteristics.

The only known metallic mineral occurrence is the small scaled and low grade polymetallic veins located near Nipa village. The fluid inclusion from quartz vein materials in the area indicates around 270 C of the homogenization temperature.

The soil samples collected totalling 927 were analysed for gold, silver, arsenic, bismuth, copper, mercury, molybdenum, lead, antimony, zinc, and manganese. The geochemical data were analysed using R mode PCA. Each of the surveyed areas showed up various interesting anomalies, the most important ones being summarized as follows:

1. Gold anomaly stretching N-S for more than 800m in Mt. Upao Area
2. Gold and Mo anomalies in Madarag Area
3. Gold anomaly and Mo-Cu, and base metal anomalies in Nipa Area
4. Gold anomaly, Mo-Bi-Cu, and As anomalies in Binanan Area

The gold anomaly in Mt. Upao is the most prominent and well defined one. The gold anomaly and Mo-Cu anomaly in Nipa area also are interesting ones, the latter suggesting possible existence of a porphyry Mo type mineralization.

Chapter 2 Recommendation for the Phase III

The gold anomaly in Mt. Upao area is a well defined and very prominent one localized in the lowest gold background situation among the four areas investigated, and definitely deserves further follow up by trenching and/or drilling. The gold anomaly and Mo-Cu anomaly in Nipa area need further delineation and definition of them using systematic geochemistry and geophysical method prior to any confirmation by trenching or drilling.

The anomalies in Madarag and Binanan areas also deserve further works although the above mentioned have the higher priorities.

APPENDIXES

Apex 1 Soil Geochemical Analysis

MT. UPAO Area

Ser. No.	Sample No.	CHEMEX DATA										PETROLAB DATA									
		Au ppb	Ag ppm	As ppm	Bi ppm	Cu ppm	Hg ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Mn ppm	Cu ppm	Pb ppm	Zn ppm						
1	B001	2	<0.05	6.8	0.4	16.0	<0.1	1.0	3.0	<0.2	4	43	23	-10	7						
2	B002	3	<0.05	8.6	0.2	8.2	<0.1	1.2	4.0	<0.2	1	28	17	-10	4						
3	B003	2	<0.05	4.0	0.2	7.4	<0.1	1.2	3.0	0.2	1	19	11	-10	4						
4	B004	4	<0.05	12.6	0.4	8.2	<0.1	3.8	6.0	<0.2	1	33	14	-10	5						
5	B005	3	<0.05	12.4	0.8	8.0	<0.1	1.4	8.0	0.4	3	31	87	-10	39						
6	B006	<1	<0.05	17.2	1.0	7.8	<0.1	1.4	5.5	<0.2	2	35	11	-10	4						
7	B007	2	<0.05	17.6	1.2	8.0	<0.1	1.4	7.5	<0.2	2	25	13	-10	5						
8	B008	2	<0.05	30.8	0.6	10.6	<0.1	3.0	5.0	<0.2	6	58	12	-10	9						
9	B009	1	<0.05	8.8	0.2	7.2	0.1	1.2	3.0	<0.2	3	130	11	-10	7						
10	B010	3	<0.05	13.4	0.4	12.6	<0.1	9.0	5.5	<0.2	3	55	18	-10	6						
11	B011	16	<0.05	14.4	0.2	40.0	<0.1	5.4	6.5	<0.2	6	40	52	-10	9						
12	E013	1	<0.05	6.0	0.4	6.6	0.2	1.2	4.0	<0.2	1	36	7	-10	3						
13	E014	4	<0.05	30.6	0.4	19.6	<0.1	5.2	8.5	<0.2	8	34	22	-10	7						
14	E015	4	<0.05	25.2	0.6	24.0	<0.1	2.8	6.5	<0.2	3	33	26	-10	6						
15	E016	1	<0.05	7.8	0.2	10.8	0.2	1.2	3.5	<0.2	9	83	12	-10	7						
16	E017	2	<0.05	15.4	0.4	18.2	<0.1	2.6	4.0	<0.2	4	30	18	-10	6						
17	E018	8	<0.05	38.8	0.4	12.8	0.5	2.0	7.5	0.4	15	509	13	-10	11						
18	E019	1	<0.05	4.0	0.2	23.0	<0.1	0.8	3.5	<0.2	9	174	30	-10	12						
19	E020	2	<0.05	7.8	0.2	16.0	<0.1	1.2	4.5	<0.2	10	180	19	-10	167						
20	E021	3	<0.05	6.8	0.4	49.6	<0.1	1.0	5.5	<0.2	29	475	55	-10	31						
21	E022	7	<0.05	7.0	0.4	19.6	<0.1	1.2	4.5	<0.2	9	143	24	-10	11						
22	E023	2	<0.05	4.2	0.2	28.0	<0.1	0.8	4.0	<0.2	8	456	35	-10	13						
23	E024	1	<0.05	7.8	0.2	14.6	0.1	1.0	3.0	<0.2	7	322	16	-10	9						
24	E025	1	<0.05	10.4	0.2	17.2	<0.1	0.8	3.0	<0.2	6	198	19	-10	9						
25	E026	4	<0.05	4.6	<0.2	29.0	<0.1	1.0	3.0	<0.2	10	195	36	-10	13						
26	E027	<1	<0.05	10.8	0.2	9.0	<0.1	1.2	4.0	<0.2	3	37	10	-10	5						
27	F002	5	<0.05	8.2	0.4	12.2	0.1	1.8	6.0	<0.2	2	21	15	-10	5						
28	F003	4	<0.05	5.0	0.2	5.0	<0.1	1.2	3.0	<0.2	7	33	5	-10	3						
29	F004	2	<0.05	7.4	1.2	16.4	<0.1	2.0	8.5	<0.2	2	18	19	-10	4						
30	F005	5	<0.05	14.8	0.6	29.0	<0.1	3.2	7.0	<0.2	5	47	37	-10	8						

MT. UPAO Area

Ser. No.	Sample No.	CHEMEX DATA										PETROLAB DATA				
		Au ppb	Ag ppm	As ppm	Bi ppm	Cu ppm	Hg ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Mn ppm	Cu ppm	Pb ppm	Zn ppm	
31	F006	2	<0.05	13.0	0.2	4.6	<0.1	2.0	4.0	<0.2	3	41	5	-10	5	
32	F007	1	<0.05	19.4	0.2	23.8	0.2	1.4	3.0	<0.2	3	33	26	-10	6	
33	F008	3	<0.05	4.4	0.2	10.0	<0.1	0.6	4.0	<0.2	3	29	13	-10	6	
34	F009	3	<0.05	8.2	0.6	27.4	<0.1	1.0	6.0	0.2	3	37	32	-10	5	
35	F010	<1	<0.05	7.8	<0.2	12.6	0.1	0.8	3.0	<0.2	7	477	16	-10	9	
36	F011	<1	<0.05	10.8	0.2	7.8	0.1	1.2	3.5	<0.2	1	13	9	-10	5	
37	F012	<1	<0.05	14.2	<0.2	12.2	0.1	1.2	3.0	<0.2	2	23	13	-10	5	
38	F013	3	<0.05	5.8	0.4	26.0	0.1	4.6	2.5	<0.2	1	18	27	-10	4	
39	F014	1	<0.05	4.8	0.6	6.8	0.1	1.4	2.0	<0.2	1	11	7	-10	3	
40	F015	8	<0.05	15.2	0.2	20.2	0.2	1.2	5.0	0.2	4	31	26	-10	7	
41	F016	8	<0.05	5.2	0.4	38.4	0.1	3.4	3.5	<0.2	2	16	41	-10	5	
42	F017	1	<0.05	5.2	0.2	23.6	0.2	0.8	3.5	<0.2	15	655	26	-10	16	
43	F018	2	<0.05	9.8	0.2	18.0	<0.1	0.8	3.5	<0.2	9	617	20	-10	12	
44	F019	4	<0.05	3.6	0.2	69.8	<0.1	0.6	6.0	<0.2	56	2350	70	-10	49	
45	F020	2	<0.05	8.0	0.4	9.8	0.1	2.2	3.0	<0.2	5	53	14	-10	8	
46	F021	9	<0.05	15.0	0.6	9.2	0.2	0.6	7.5	<0.2	5	24	9	-10	8	
47	F022	6	<0.05	13.0	0.6	4.4	<0.1	0.4	4.5	<0.2	5	24	4	-10	6	
48	F023	12	<0.05	15.6	0.6	6.2	<0.1	1.0	4.5	<0.2	1	20	6	-10	4	
49	F024	27	<0.05	3.0	0.4	8.4	<0.1	0.8	4.0	<0.2	9	664	10	-10	11	
50	F025	6	<0.05	1.2	0.2	49.0	0.1	0.2	3.0	<0.2	52	1090	53	-10	48	
51	F026	1	<0.05	1.8	0.2	51.2	0.2	0.2	7.0	<0.2	50	456	58	-10	47	
52	F027	4	<0.05	3.2	0.4	29.8	0.1	0.2	8.5	<0.2	80	960	35	-10	73	
53	G010	2	<0.05	6.8	0.2	15.4	0.1	1.2	5.0	<0.2	10	389	19	-10	14	
54	G011	5	<0.05	8.4	0.2	19.6	<0.1	1.6	4.5	<0.2	7	230	23	-10	10	
55	G012	5	<0.05	7.2	0.4	9.2	<0.1	1.8	3.5	<0.2	4	43	13	-10	7	
56	G013	4	<0.05	6.4	0.4	70.8	0.2	2.2	5.0	<0.2	31	664	74	-10	33	
57	G014	1	<0.05	8.6	0.2	6.6	<0.1	1.4	4.5	<0.2	8	43	8	-10	7	
58	G015	<1	<0.05	8.8	0.2	16.8	0.1	0.8	3.0	<0.2	4	38	22	-10	8	
59	G016	<1	<0.05	14.8	0.2	33.8	0.1	1.0	4.0	<0.2	2	14	55	-10	7	
60	G017	4	0.05	25.2	1.0	22.6	0.4	3.2	4.5	<0.2	6	119	26	-10	8	

MT. UPAO Area

Ser. No.	Sample No.	CHEMEX DATA										PETROLAB DATA									
		Au ppb	Ag ppm	As ppm	Bi ppm	Cu ppm	Hg ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Mn ppm	Cu ppm	Pb ppm	Zn ppm	Mn ppm	Cu ppm	Pb ppm	Zn ppm		
61	G018	2	<0.05	25.6	0.6	12.4	0.1	3.2	4.5	<0.2	3	32	15	-10	5						
62	G019	16	0.05	8.6	0.2	13.6	0.1	0.6	8.5	<0.2	19	65	19	10	28						
63	G020	4	<0.05	6.6	0.4	15.4	<0.1	0.8	5.0	<0.2	8	249	15	-10	10						
64	G021	2	0.05	7.2	0.6	4.8	0.2	1.0	3.5	<0.2	7	234	4	-10	8						
65	G022	<1	<0.05	9.6	0.4	12.6	<0.1	1.0	3.5	<0.2	2	15	15	-10	5						
66	G023	<1	<0.05	7.2	0.2	10.8	<0.1	1.2	3.5	<0.2	6	19	10	-10	4						
67	G024	1	<0.05	8.6	0.2	16.6	0.1	1.6	3.5	<0.2	2	21	19	-10	6						
68	H010	1	<0.05	5.2	0.2	32.0	<0.1	1.0	4.0	<0.2	16	297	43	-10	17						
69	H011	1	<0.05	3.6	0.2	35.2	<0.1	0.6	6.0	<0.2	25	1041	42	-10	18						
70	H012	2	<0.05	9.4	0.2	82.8	<0.1	0.8	4.5	<0.2	38	221	79	-10	28						
71	H013	1	<0.05	14.2	0.4	83.0	<0.1	1.6	6.5	<0.2	17	243	80	-10	15						
72	H014	3	<0.05	4.6	0.2	76.2	<0.1	0.8	3.5	<0.2	40	325	80	-10	33						
73	H015	4	0.05	8.0	0.6	99.2	<0.1	1.0	4.5	<0.2	56	740	88	-10	45						
74	H016	2	<0.05	5.2	0.2	109.5	<0.1	0.8	5.5	<0.2	36	1715	108	-10	31						
75	J010	7	<0.05	8.0	0.6	5.2	0.1	1.0	4.5	0.2	2	47	10	-10	5						
76	J011	2	<0.05	9.2	1.0	14.8	<0.1	5.8	4.0	0.2	3	15	23	-10	5						
77	J012	1	<0.05	13.8	1.0	9.6	<0.1	1.2	2.0	0.2	1	12	13	-10	4						
78	J013	2	<0.05	32.8	1.0	12.0	<0.1	2.0	6.0	0.4	2	20	18	-10	4						
79	J014	2	<0.05	16.4	1.0	28.4	<0.1	1.2	4.0	<0.2	4	46	41	-10	8						
80	J015	4	<0.05	10.2	0.8	8.8	0.1	1.2	4.5	0.2	6	174	14	-10	4						
81	J016	15	<0.05	12.8	1.4	20.4	0.3	2.2	5.5	<0.2	4	38	27	-10	7						
82	J017	5	<0.05	18.2	1.0	14.6	<0.1	1.4	6.0	<0.2	3	28	20	-10	6						
83	J018	3	<0.05	14.0	2.2	20.4	<0.1	1.8	5.0	<0.2	9	120	25	-10	11						
84	J019	7	<0.05	14.8	1.8	27.4	<0.1	1.4	6.0	<0.2	6	92	37	-10	9						
85	J020	3	<0.05	12.6	1.6	14.2	<0.1	1.2	4.5	<0.2	4	35	21	-10	8						
86	J021	4	<0.05	15.2	1.4	10.8	0.1	5.0	5.0	<0.2	4	38	13	-10	5						
87	J022	3	<0.05	19.0	1.2	5.0	<0.1	1.2	4.0	<0.2	2	48	8	-10	5						
88	J023	2	<0.05	10.0	1.0	5.8	0.2	1.4	4.0	<0.2	2	21	9	-10	5						
89	J024	6	<0.05	4.6	0.8	32.2	0.1	4.8	2.5	<0.2	2	20	56	-10	6						
90	J025	4	<0.05	5.0	0.8	12.2	0.1	0.6	2.0	<0.2	3	44	17	-10	5						

MT. UPAO Area

Ser. No.	Sample No.	CHEMEX DATA										PETROLAB DATA					
		Au ppb	Ag ppm	As ppm	Bi ppm	Cu ppm	Hg ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Mn ppm	Cu ppm	Pb ppm	Zn ppm		
91	J026	1	<0.05	9.8	1.6	9.2	<0.1	1.6	3.5	<0.2	2	15	12	-10	5		
92	J027	4	<0.05	13.6	1.0	16.6	<0.1	1.0	4.0	<0.2	3	22	23	-10	6		
93	J028	3	<0.05	11.6	0.8	14.6	0.1	1.0	3.0	<0.2	4	77	21	-10	7		
94	J029	3	0.05	15.4	1.6	36.4	<0.1	1.0	3.0	0.6	9	158	43	-10	12		
95	J030	4	<0.05	10.4	1.6	75.8	<0.1	0.6	3.5	<0.2	34	415	85	-10	30		
96	J031	3	<0.05	14.8	2.2	85.0	<0.1	0.8	3.5	<0.2	106	3020	81	-10	100		
97	J032	6	<0.05	27.8	1.6	22.2	0.3	2.6	6.5	0.4	7	84	30	-10	10		
98	J033	13	<0.05	5.4	1.0	80.2	<0.1	1.8	5.5	<0.2	7	50	108	-10	12		
99	J034	3	<0.05	24.0	2.2	53.0	<0.1	0.8	5.0	<0.2	11	89	58	-10	14		
100	J035	<1	<0.05	17.4	1.4	25.8	0.2	1.0	8.0	<0.2	15	533	30	-10	15		
101	J036	<1	<0.05	8.2	0.8	24.4	<0.1	1.0	5.0	0.4	2	30	30	-10	4		
102	J037	4	<0.05	3.4	1.0	82.0	0.1	0.8	3.0	<0.2	25	65	96	-10	23		
103	J038	3	0.05	3.8	1.2	61.8	<0.1	0.6	8.0	<0.2	19	1918	73	-10	19		
104	J039	9	<0.05	20.6	1.2	16.4	<0.1	0.2	2.5	<0.2	6	47	21	-10	7		
105	UA01	1	<0.05	6.4	0.2	21.8	<0.1	0.8	4.0	<0.2	8	449	34	-10	11		
106	UA02	2	<0.05	5.4	0.4	49.2	<0.1	1.2	4.0	<0.2	12	396	68	-10	15		
107	UA03	1	<0.05	5.8	0.2	32.2	<0.1	0.6	2.5	<0.2	11	317	47	-10	14		
108	UA04	<1	<0.05	4.2	0.4	30.0	0.1	0.8	3.0	<0.2	14	560	42	-10	16		
109	UA05	<1	<0.05	12.0	0.4	30.4	<0.1	1.2	2.5	<0.2	25	87	44	-10	27		
110	UA06	1	<0.05	8.6	<0.2	19.0	0.3	1.2	3.0	0.4	5	100	32	-10	10		
111	UA07	<1	<0.05	5.4	<0.2	21.4	<0.1	0.8	2.5	<0.2	9	119	31	-10	13		
112	UA08	<1	<0.05	7.4	0.2	15.4	<0.1	1.2	3.0	<0.2	5	57	24	-10	8		
113	UA09	<1	<0.05	7.8	0.2	8.0	0.1	1.0	2.5	<0.2	4	185	15	-10	7		
114	UA10	<1	<0.05	7.0	0.2	6.0	<0.1	1.0	2.0	<0.2	3	218	12	-10	6		
115	UA11	<1	<0.05	13.8	0.4	13.8	<0.1	2.0	3.0	<0.2	3	42	20	-10	5		
116	UA12	<1	<0.05	32.6	0.4	13.4	<0.1	2.4	4.0	<0.2	3	17	20	-10	5		
117	UA13	<1	<0.05	25.6	0.4	14.2	0.1	2.2	4.0	<0.2	3	28	20	-10	6		
118	UA14	2	<0.05	14.4	<0.2	4.8	<0.1	2.2	4.0	<0.2	1	17	12	-10	5		
119	UA15	<1	<0.05	12.8	0.2	8.4	<0.1	1.4	3.0	<0.2	2	49	14	-10	4		
120	UA16	<1	<0.05	20.8	0.2	20.0	<0.1	1.4	3.5	<0.2	3	29	30	-10	8		

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Ser. No.	Sample No.	CHEMEX DATA										PETROLAB DATA					
		Au ppb	Ag ppm	As ppm	Bi ppm	Cu ppm	Hg ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Mn ppm	Cu ppm	Pb ppm	Zn ppm		
121	UA17	<1	<0.05	12.6	0.2	35.4	<0.1	1.2	3.5	<0.2	9	87	53	-10	6		
122	UA18	<1	<0.05	1.6	<0.2	27.0	<0.1	0.8	3.5	<0.2	3	24	38	-10	6		
123	UA19	1	<0.05	4.8	0.2	19.6	<0.1	1.0	3.5	<0.2	2	14	31	-10	5		
124	UA20	<1	<0.05	17.6	0.2	9.0	<0.1	1.6	5.5	<0.2	2	35	16	-10	5		
125	UB01	2	<0.05	4.8	0.2	93.0	<0.1	1.0	3.5	<0.2	45	262	111	-10	39		
126	UB02	3	<0.05	2.6	0.2	81.4	<0.1	1.2	5.0	<0.2	34	510	101	-10	33		
127	UB03	1	<0.05	6.8	0.4	52.6	<0.1	0.8	3.5	<0.2	36	659	66	-10	34		
128	UB04	2	<0.05	6.2	0.2	125.0	<0.1	1.2	7.0	<0.2	31	364	156	-10	34		
129	UB05	<1	<0.05	12.6	0.4	45.4	<0.1	1.4	4.0	<0.2	12	148	59	-10	14		
130	UB06	<1	<0.05	10.8	0.4	14.0	<0.1	1.0	6.0	<0.2	8	218	23	-10	9		
131	UB07	<1	<0.05	14.8	0.2	61.6	<0.1	1.0	3.0	<0.2	14	124	79	-10	17		
132	UB08	2	<0.05	12.8	0.4	53.6	<0.1	1.4	7.5	<0.2	9	73	73	-10	12		
133	UB09	<1	<0.05	10.2	0.6	13.6	<0.1	1.2	3.0	<0.2	3	17	22	-10	5		
134	UB10	1	<0.05	16.8	0.8	13.2	<0.1	2.0	10.0	<0.2	5	13	25	11	5		
135	UB11	2	<0.05	44.2	0.4	15.0	<0.1	3.8	4.5	<0.2	2	19	22	-10	5		
136	UB12	<1	<0.05	41.6	0.4	30.8	<0.1	2.8	7.0	<0.2	3	14	41	-10	5		
137	UB13	<1	<0.05	38.0	0.6	36.8	<0.1	2.2	4.5	<0.2	2	16	45	-10	5		
138	UB14	<1	<0.05	37.6	0.6	15.0	<0.1	2.6	5.0	0.4	3	21	24	-10	5		
139	UB15	<1	<0.05	18.6	0.4	7.6	<0.1	1.2	3.0	0.2	2	22	16	-10	5		
140	UB16	<1	<0.05	10.4	0.2	8.2	<0.1	1.0	2.5	<0.2	8	39	16	10	7		
141	UB17	<1	<0.05	23.0	1.0	10.6	0.3	1.6	4.5	<0.2	11	21	20	10	6		
142	UB18	<1	<0.05	19.6	0.6	8.6	0.1	1.2	4.0	<0.2	2	20	18	-10	5		
143	UB19	<1	<0.05	13.8	0.8	6.2	<0.1	1.0	4.5	<0.2	2	15	14	-10	4		
144	UB20	2	<0.05	15.8	0.6	11.8	<0.1	1.4	15.0	<0.2	3	16	23	14	6		
145	UC01	1	<0.05	7.6	0.2	25.8	0.1	1.0	7.0	<0.2	7	758	43	11	12		
146	UC02	2	<0.05	5.4	0.6	21.4	<0.1	1.0	7.5	0.2	5	110	36	13	9		
147	UC03	2	<0.05	7.8	0.6	35.4	<0.1	1.2	12.5	<0.2	9	116	44	17	11		
148	UC04	4	<0.05	8.6	0.6	7.4	<0.1	3.4	14.5	<0.2	3	37	13	18	5		
149	UC05	16	<0.05	23.4	1.0	19.2	<0.1	6.0	14.0	<0.2	2	15	26	18	5		
150	UC06	2	<0.05	8.0	0.6	11.8	<0.1	4.0	12.5	<0.2	2	13	20	19	5		

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Ser. No.	Sample No.	CHEMEX DATA										PETROLAB DATA					
		Au ppb	Ag ppm	As ppm	Bi ppm	Cu ppm	Hg ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Mn ppm	Cu ppm	Pb ppm	Zn ppm		
151	UC07	1	<0.05	14.2	0.6	45.8	<0.1	2.4	8.0	<0.2	15	50	60	10	18		
152	UC08	<1	<0.05	10.6	0.4	18.6	<0.1	1.0	4.5	<0.2	3	25	27	11	5		
153	UC09	<1	<0.05	6.8	0.2	23.8	<0.1	0.8	3.0	<0.2	11	73	38	-10	14		
154	UC10	1	<0.05	8.6	0.2	21.8	<0.1	1.0	4.0	<0.2	6	58	36	10	10		
155	UC11	<1	<0.05	7.6	0.2	21.0	<0.1	1.0	2.5	<0.2	6	37	37	-10	11		
156	UC12	<1	<0.05	4.8	<0.2	17.2	<0.1	0.6	2.5	0.2	2	25	25	10	5		
157	UC13	1	<0.05	10.2	0.2	39.4	0.1	1.4	3.5	<0.2	2	14	47	-10	6		
158	UC14	1	<0.05	4.8	0.8	17.2	0.1	1.0	5.0	<0.2	1	-10	24	-10	4		
159	UC15	1	<0.05	8.2	0.6	8.2	<0.1	1.2	9.0	<0.2	2	13	14	15	4		
160	UC16	4	<0.05	14.8	0.6	5.0	0.1	3.2	13.0	0.8	3	21	11	16	5		
161	UC17	1	<0.05	5.2	0.4	3.6	<0.1	2.8	4.0	<0.2	2	16	9	-10	4		
162	UC18	1	<0.05	8.6	0.4	25.0	<0.1	2.6	4.0	<0.2	3	15	35	-10	7		
163	UC19	<1	<0.05	7.2	0.4	9.2	<0.1	1.4	3.0	<0.2	2	-10	15	-10	4		
164	UC20	<1	<0.05	9.4	0.8	11.2	<0.1	1.6	3.0	<0.2	1	-10	20	-10	4		
165	UD01	2	<0.05	4.0	0.2	36.0	<0.1	1.6	5.5	<0.2	39	832	46	11	36		
166	UD02	2	<0.05	8.6	0.2	24.6	<0.1	1.6	3.5	<0.2	19	242	32	10	21		
167	UD03	3	0.05	8.4	0.2	37.8	<0.1	2.0	3.5	<0.2	11	100	48	-10	12		
168	UD04	3	<0.05	8.0	0.4	16.2	<0.1	2.0	3.5	<0.2	4	54	26	-10	7		
169	UD05	2	<0.05	6.8	0.2	41.4	<0.1	2.4	4.0	<0.2	7	60	58	-10	10		
170	UD06	3	<0.05	5.0	0.4	34.2	<0.1	3.2	6.5	<0.2	10	93	45	-10	13		
171	UD07	4	<0.05	5.2	0.2	34.0	<0.1	2.0	5.0	<0.2	3	30	45	-10	5		
172	UD08	7	<0.05	5.8	0.2	28.2	<0.1	1.4	6.5	<0.2	7	42	40	-10	6		
173	UD09	2	<0.05	10.2	0.2	18.8	0.1	1.4	2.5	<0.2	10	27	29	-10	6		
174	UD10	3	<0.05	3.4	0.2	53.6	0.3	2.0	3.5	<0.2	14	202	72	-10	14		
175	UD11	3	<0.05	2.8	0.2	49.8	<0.1	2.0	3.5	<0.2	14	189	66	-10	13		
176	UD12	3	<0.05	4.6	0.2	9.8	<0.1	1.6	3.0	<0.2	5	113	18	-10	7		
177	UD13	3	<0.05	5.4	0.2	10.0	<0.1	1.6	3.0	<0.2	3	38	17	-10	6		
178	UD14	4	<0.05	8.2	0.2	11.2	<0.1	1.8	3.5	<0.2	2	20	18	-10	5		
179	UD15	5	<0.05	9.0	0.2	8.2	<0.1	1.4	3.0	<0.2	2	10	16	-10	4		
180	UD16	12	<0.05	7.8	0.4	9.2	<0.1	2.6	5.5	<0.2	3	23	19	-10	6		

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Ser. No.	Sample No.	CHEMEX DATA										PETROLAB DATA					
		Au ppb	Ag ppm	As ppm	Bi ppm	Cu ppm	Hg ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Mn ppm	Cu ppm	Pb ppm	Zn ppm		
181	UD17	9	<0.05	6.4	0.2	9.2	<0.1	1.2	4.0	<0.2	2	21	18	-10	5		
182	UD18	6	<0.05	5.6	0.4	15.0	<0.1	1.4	4.5	<0.2	3	30	25	-10	5		
183	UD19	2	<0.05	8.6	0.2	20.6	<0.1	1.6	3.5	<0.2	4	86	34	-10	7		
184	UD20	3	<0.05	5.4	0.2	10.8	<0.1	1.4	4.0	0.2	8	1636	22	-10	12		
185	UE01	1	0.05	9.2	0.2	34.0	<0.1	1.0	4.5	<0.2	8	174	51	-10	12		
186	UE02	<1	<0.05	8.4	0.2	9.4	<0.1	0.8	2.5	<0.2	2	49	18	-10	6		
187	UE03	<1	<0.05	8.0	0.2	11.4	0.1	1.0	2.0	<0.2	2	18	21	-10	5		
188	UE04	4	<0.05	24.2	0.6	11.2	0.1	2.0	3.0	<0.2	2	23	19	-10	4		
189	UE05	1	<0.05	17.0	0.6	13.8	0.1	1.6	2.5	<0.2	4	29	23	-10	6		
190	UE06	1	<0.05	13.4	0.4	19.8	<0.1	2.0	3.5	<0.2	4	-10	31	-10	6		
191	UE07	2	<0.05	19.8	0.2	17.0	<0.1	1.0	3.0	<0.2	5	58	30	-10	8		
192	UE08	1	<0.05	20.6	0.4	94.8	<0.1	1.2	4.5	<0.2	46	593	118	-10	44		
193	UE09	1	<0.05	4.2	0.2	82.4	<0.1	1.2	4.0	<0.2	24	238	123	-10	28		
194	UE10	2	<0.05	8.2	0.4	54.4	<0.1	1.8	4.0	<0.2	17	252	79	-10	21		
195	UE11	4	<0.05	19.0	0.6	32.8	<0.1	8.4	4.0	<0.2	3	28	47	-10	6		
196	UE12	4	<0.05	12.2	0.4	22.8	<0.1	2.6	6.0	<0.2	2	21	36	-10	5		
197	UE13	11	<0.05	24.2	0.6	14.2	<0.1	1.6	8.0	0.2	1	16	24	-10	4		
198	UE14	7	<0.05	21.2	0.6	13.0	<0.1	2.4	8.5	0.2	2	32	23	-10	4		
199	UE15	5	<0.05	15.6	0.4	13.4	<0.1	2.4	7.0	<0.2	3	49	25	-10	6		
200	UE16	12	<0.05	10.2	0.2	10.4	<0.1	2.0	4.0	<0.2	3	37	23	-10	6		
201	UE17	10	<0.05	14.4	0.4	9.6	<0.1	2.0	6.0	<0.2	18	37	19	-10	5		
202	UE18	5	<0.05	12.6	0.4	4.0	<0.1	1.2	4.0	0.2	1	15	13	-10	4		
203	UE19	3	<0.05	16.6	0.8	4.4	<0.1	2.2	5.0	<0.2	2	18	14	-10	4		
204	UE20	<1	<0.05	16.6	0.8	7.2	<0.1	1.0	4.0	<0.2	1	16	18	-10	5		
205	UF01	1	<0.05	34.2	0.6	32.8	0.1	2.6	4.5	<0.2	4	39	45	-10	7		
206	UF02	4	<0.05	49.8	1.2	48.2	0.1	3.0	6.0	<0.2	6	37	60	-10	8		
207	UF03	5	<0.05	82.6	1.0	41.4	<0.1	2.6	5.0	<0.2	3	21	52	-10	7		
208	UF04	5	<0.05	43.0	0.6	34.2	<0.1	3.4	5.5	<0.2	3	18	45	-10	6		
209	UF05	4	<0.05	37.0	0.6	43.4	<0.1	3.2	4.5	<0.2	2	16	56	-10	6		
210	UF06	<1	<0.05	12.0	0.2	10.6	<0.1	0.8	3.0	<0.2	2	21	22	-10	6		

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Ser. No.	Sample No.	CHEMEX DATA										PETROLAB DATA					
		Au ppb	Ag ppm	As ppm	Bi ppm	Cu ppm	Hg ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Mn ppm	Cu ppm	Pb ppm	Zn ppm		
211	UF07	3	<0.05	16.6	0.4	23.8	<0.1	2.8	3.5	<0.2	18	20	35	-10	10		
212	UF08	6	<0.05	20.6	0.4	14.0	<0.1	2.0	4.0	<0.2	4	15	27	-10	6		
213	UF09	18	<0.05	34.8	0.6	13.2	<0.1	6.8	8.0	<0.2	3	26	22	-10	5		
214	UF10	31	0.05	15.8	0.4	12.2	<0.1	5.6	12.0	<0.2	4	50	22	-10	7		
215	UF11	23	<0.05	11.6	0.4	13.2	<0.1	3.2	7.0	<0.2	5	197	24	-10	8		
216	UF12	43	<0.05	12.6	0.2	20.8	<0.1	2.4	5.0	<0.2	9	188	33	-10	11		
217	UF13	15	<0.05	13.2	0.4	19.2	<0.1	2.8	5.5	<0.2	6	58	30	-10	9		
218	UF14	13	<0.05	11.8	0.2	6.2	<0.1	1.6	5.0	<0.2	2	25	16	-10	5		
219	UF15	46	<0.05	33.0	0.6	10.4	<0.1	3.2	7.0	<0.2	4	52	19	-10	6		
220	UF16	13	<0.05	26.2	0.4	9.2	<0.1	3.0	9.0	0.2	2	16	18	-10	5		
221	UF17	8	<0.05	19.6	0.6	10.0	<0.1	3.0	7.5	<0.2	3	18	18	-10	5		
222	UF18	3	<0.05	26.2	1.6	12.4	<0.1	2.6	6.0	<0.2	2	14	22	-10	5		
223	UF19	3	<0.05	13.4	0.6	11.2	0.1	3.2	6.0	<0.2	1	10	22	-10	4		
224	UF20	4	<0.05	22.2	0.8	9.2	<0.1	2.4	8.0	<0.2	13	30	19	-10	5		
225	UG01	2	<0.05	103.0	0.2	46.8	0.7	5.0	9.5	4.4	4	28	59	-10	8		
226	UG02	1	<0.05	30.8	<0.2	72.6	<0.1	2.0	6.0	<0.2	3	17	86	-10	6		
227	UG03	3	<0.05	54.4	0.4	50.0	<0.1	3.0	5.0	<0.2	3	20	65	-10	6		
228	UG04	1	<0.05	27.6	0.4	42.0	0.3	2.2	4.0	<0.2	2	53	55	-10	6		
229	UG05	2	<0.05	19.4	0.6	35.8	<0.1	2.0	4.5	<0.2	5	82	46	-10	9		
230	UG06	3	<0.05	22.2	0.2	23.2	0.2	2.2	4.0	0.2	3	22	33	-10	6		
231	UG07	4	<0.05	17.8	0.2	6.6	0.2	1.4	4.0	0.4	2	20	15	-10	5		
232	UG08	2	0.05	27.6	0.2	14.4	<0.1	1.4	3.5	<0.2	3	14	24	-10	6		
233	UG09	3	<0.05	28.0	0.4	6.8	<0.1	2.0	4.0	0.8	2	22	15	-10	5		
234	UG10	2	<0.05	15.8	0.2	25.0	<0.1	1.6	2.0	<0.2	7	-10	35	-10	6		
235	UG11	6	<0.05	27.0	0.4	7.0	0.1	7.8	4.0	0.4	2	33	15	-10	5		
236	UG12	40	<0.05	13.4	0.6	17.2	0.3	3.2	7.0	1.4	4	42	30	-10	7		
237	UG13	17	<0.05	25.0	0.4	13.0	0.3	4.8	6.5	0.2	2	49	24	-10	6		
238	UG14	32	<0.05	24.4	0.4	10.2	<0.1	4.6	10.5	0.4	10	16	18	11	5		
239	UG15	13	<0.05	38.0	0.4	12.4	<0.1	5.0	6.5	0.6	3	17	21	-10	5		
240	UG16	5	<0.05	17.8	0.4	8.6	<0.1	3.2	5.0	<0.2	7	33	17	-10	5		

MT. UPAO Area

Ser. No.	Sample No.	CHEMEX DATA										PETROLAB DATA									
		Au ppb	Ag ppm	As ppm	Bi ppm	Cu ppm	Hg ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Mn ppm	Cu ppm	Pb ppm	Zn ppm						
241	UG17	5	<0.05	15.6	0.4	10.0	<0.1	2.8	5.5	<0.2	6	54	20	-10	6						
242	UG18	2	<0.05	11.0	0.2	12.2	<0.1	2.4	5.0	<0.2	12	15	23	-10	6						
243	UG19	11	<0.05	5.6	0.2	37.4	<0.1	1.4	8.5	<0.2	5	22	59	-10	8						
244	UG20	1	<0.05	18.8	0.8	10.0	<0.1	3.4	2.5	<0.2	1	15	18	-10	4						
245	UH01	<1	<0.05	16.8	<0.2	29.6	<0.1	1.8	5.0	<0.2	9	23	42	-10	7						
246	UH02	<1	<0.05	23.2	<0.2	44.2	<0.1	2.0	5.0	<0.2	3	23	53	-10	5						
247	UH03	3	<0.05	22.2	0.2	23.0	<0.1	2.2	6.5	<0.2	4	27	33	-10	7						
248	UH04	2	<0.05	6.2	0.2	111.5	<0.1	1.0	5.0	<0.2	63	677	123	-10	51						
249	UH05	10	<0.05	24.8	0.2	28.2	<0.1	1.6	5.0	<0.2	5	106	39	-10	9						
250	UH06	80	0.05	76.2	0.2	40.0	0.3	1.8	8.0	0.8	3	22	50	-10	6						
251	UH07	5	<0.05	16.2	0.2	21.2	<0.1	3.4	9.0	<0.2	2	19	31	15	5						
252	UH08	6	<0.05	14.0	<0.2	35.4	0.1	2.4	4.5	<0.2	6	12	47	10	9						
253	UH09	2	<0.05	20.8	0.2	32.6	0.1	1.8	4.5	<0.2	5	22	41	-10	8						
254	UH10	<1	<0.05	23.2	0.2	37.6	<0.1	1.6	3.0	<0.2	6	21	48	-10	5						
255	UH11	19	<0.05	17.8	<0.2	11.4	<0.1	1.6	4.5	<0.2	2	15	20	-10	4						
256	UH12	162	<0.05	28.0	0.2	10.4	0.2	4.6	20.0	0.6	2	20	19	30	5						
257	UH13	92	<0.05	38.6	0.4	27.2	0.2	3.0	22.5	0.4	2	28	36	32	5						
258	UH14	22	<0.05	38.0	0.8	19.0	<0.1	3.0	13.5	<0.2	4	25	28	28	7						
259	UH15	6	<0.05	43.0	1.0	23.4	<0.1	3.0	7.5	<0.2	4	30	33	-10	8						
260	UH16	6	<0.05	31.2	1.4	17.2	0.1	6.0	7.5	<0.2	3	27	26	-10	7						
261	UH17	6	<0.05	34.4	1.0	21.6	0.3	5.0	7.0	<0.2	4	36	31	-10	7						
262	UH18	6	<0.05	36.2	1.0	21.8	0.3	5.0	7.5	<0.2	4	38	32	-10	8						
263	UH19	4	<0.05	21.2	0.6	14.2	<0.1	3.4	6.0	<0.2	4	34	25	-10	7						
264	UH20	2	<0.05	9.2	<0.2	9.2	<0.1	2.0	4.5	<0.2	4	79	20	-10	7						
265	UJ01	7	<0.05	7.2	0.2	41.8	<0.1	3.6	4.0	<0.2	5	48	60	-10	9						
266	UJ02	4	<0.05	11.0	0.2	14.0	0.2	1.6	3.5	<0.2	4	59	25	-10	8						
267	UJ03	5	<0.05	19.4	0.4	29.8	0.2	1.2	4.0	<0.2	6	56	39	-10	10						
268	UJ04	11	<0.05	21.8	0.2	21.2	<0.1	1.0	5.0	<0.2	4	41	29	-10	8						
269	UJ05	5	0.05	25.2	0.4	29.8	<0.1	1.4	3.5	<0.2	4	23	36	-10	7						
270	UJ06	4	0.05	16.8	0.6	25.6	<0.1	1.2	3.5	<0.2	3	22	37	-10	8						

MT. UPAO Area

Ser. No.	Sample No.	CHEMEX DATA										PETROLAB DATA				
		Au ppb	Ag ppm	As ppm	Bi ppm	Cu ppm	Hg ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Mn ppm	Cu ppm	Pb ppm	Zn ppm	
271	UJ07	6	<0.05	9.4	0.4	8.4	0.2	0.8	3.0	<0.2	2	18	19	-10	6	
272	UJ08	8	<0.05	11.4	0.4	9.6	<0.1	1.0	5.0	<0.2	2	18	19	-10	5	
273	UJ09	3	<0.05	40.0	0.2	23.8	<0.1	2.4	7.5	1.4	1	10	33	11	5	
274	UJ10	7	<0.05	55.8	0.4	35.2	0.3	3.0	7.5	2.2	3	27	46	-10	7	
275	UJ11	30	<0.05	77.8	0.8	48.8	0.1	3.2	11.0	3.2	4	25	57	-10	8	
276	UJ12	33	<0.05	37.4	0.8	23.0	0.1	2.4	14.0	0.6	3	25	34	13	7	
277	UJ13	59	<0.05	42.4	0.8	31.8	<0.1	2.6	15.5	1.2	3	22	26	18	6	
278	UJ14	48	<0.05	59.4	1.0	30.0	<0.1	3.6	19.0	1.2	13	21	37	11	7	
279	UJ15	36	<0.05	47.4	1.2	31.0	<0.1	2.4	15.0	0.4	8	64	39	12	8	
280	UJ16	44	<0.05	39.8	1.0	24.2	<0.1	3.0	14.5	0.2	4	60	32	10	7	
281	UJ17	8	<0.05	23.8	0.8	33.0	<0.1	2.2	6.5	<0.2	6	185	42	-10	9	
282	UJ18	11	<0.05	12.0	0.6	50.2	0.2	1.2	3.5	<0.2	6	93	62	-10	8	
283	UJ19	4	<0.05	13.0	0.6	29.4	<0.1	1.2	4.0	<0.2	3	44	39	-10	6	
284	UJ20	26	<0.05	9.0	<0.2	37.6	<0.1	1.2	3.5	<0.2	2	18	52	-10	6	
285	UK01	9	<0.05	16.8	<0.2	46.2	<0.1	1.8	5.0	<0.2	9	112	53	-10	12	
286	UK02	14	<0.05	20.8	0.2	20.2	<0.1	2.0	4.5	<0.2	5	117	30	-10	8	
287	UK03	5	<0.05	40.0	0.2	11.6	<0.1	2.0	5.0	<0.2	5	37	18	-10	6	
288	UK04	4	<0.05	19.0	<0.2	12.4	<0.1	1.8	5.5	<0.2	3	34	18	-10	6	
289	UK05	2	<0.05	17.6	<0.2	10.8	<0.1	1.2	4.5	<0.2	5	273	17	-10	7	
290	UK06	1	<0.05	7.0	<0.2	9.6	<0.1	1.0	4.5	<0.2	3	73	18	-10	5	
291	UK07	3	<0.05	21.4	0.2	11.8	0.3	1.4	5.0	<0.2	1	16	19	-10	4	
292	UK08	5	<0.05	9.6	0.4	8.2	<0.1	0.8	2.0	<0.2	2	27	16	-10	5	
293	UK09	2	<0.05	10.2	0.2	5.2	0.1	1.0	2.5	<0.2	4	28	12	-10	7	
294	UK10	2	<0.05	13.6	0.2	26.8	<0.1	1.0	3.0	<0.2	5	31	39	-10	9	
295	UK11	6	<0.05	17.6	0.4	16.6	<0.1	1.4	3.0	<0.2	1	-10	24	-10	4	
296	UK12	<1	<0.05	6.2	0.2	11.6	<0.1	1.2	1.5	<0.2	1	-10	19	-10	4	
297	UK13	17	<0.05	9.2	0.4	20.2	0.2	7.0	5.0	<0.2	2	10	30	-10	5	
298	UK14	21	<0.05	13.4	0.4	9.4	0.2	1.4	7.0	<0.2	2	12	17	-10	5	
299	UK15	18	<0.05	12.4	0.2	7.2	<0.1	0.8	7.5	<0.2	3	21	15	-10	6	
300	UK16	13	<0.05	17.8	0.6	12.4	<0.1	1.6	10.0	<0.2	8	67	20	-10	8	

MT. UPAO Area

Ser. No.	Sample No.	CHEMEX DATA										PETROLAB DATA			
		Au ppb	Ag ppm	As ppm	Bi ppm	Cu ppm	Hg ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Mn ppm	Cu ppm	Pb ppm	Zn ppm
301	UK17	10	<0.05	30.6	0.6	23.4	0.3	2.2	7.0	<0.2	9	53	31	-10	7
302	UK18	10	<0.05	18.4	0.4	11.6	<0.1	1.6	5.5	<0.2	3	63	28	-10	9
303	UK19	16	<0.05	26.0	0.2	90.2	0.1	1.4	4.5	<0.2	19	84	104	-10	21
304	UK20	12	<0.05	16.0	0.2	37.2	<0.1	1.2	5.0	<0.2	18	189	51	-10	17

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Ser. No.	Sample No.	CHEMEX DATA											PETROLAB DATA					
		Au ppb	Ag ppm	As ppm	Bi ppm	Cu ppm	Hg ppm	No ppm	Pb ppm	Sb ppm	Zn ppm	Mn ppm	Cu ppm	Pb ppm	Zn ppm			
1	A001	5	<0.05	6.4	0.4	23.4	<0.1	5.0	7.0	<0.2	14	29	37	-10	10			
2	A002	11	0.05	7.0	0.6	23.4	<0.1	1.6	16.5	<0.2	8	67	34	-10	17			
3	A003	11	<0.05	7.4	0.6	62.8	<0.1	22.4	23.0	<0.2	3	20	79	20	8			
4	A004	9	0.05	6.2	0.6	30.2	<0.1	6.0	10.5	<0.2	5	27	42	-10	9			
5	A005	17	0.05	4.0	0.4	53.6	<0.1	16.2	6.0	<0.2	6	27	60	-10	13			
6	A006	6	0.15	1.0	0.4	64.6	<0.1	3.6	9.0	<0.2	20	129	82	-10	27			
7	A007	4	<0.05	0.6	0.2	16.2	<0.1	2.6	8.5	<0.2	12	36	25	-10	9			
8	A008	42	0.10	6.4	0.6	48.4	<0.1	1.2	15.5	<0.2	33	1390	61	-10	36			
9	A009	7	0.10	9.8	0.4	22.4	<0.1	0.6	22.0	0.4	12	112	31	12	17			
10	A010	<1	<0.05	4.6	0.2	104.0	<0.1	0.4	7.0	<0.2	56	1270	115	-10	53			
11	A011	2	0.05	1.4	0.2	13.6	<0.1	2.0	16.0	<0.2	1	-10	17	14	3			
12	A012	10	0.15	0.2	0.2	76.0	<0.1	2.0	90.0	<0.2	36	54	84	99	27			
13	A013	7	0.05	4.0	0.6	46.2	<0.1	3.0	31.0	<0.2	83	266	59	15	87			
14	A014	4	0.45	4.2	1.0	54.8	<0.1	0.6	19.0	<0.2	83	219	66	-10	80			
15	C001	2	<0.05	2.0	0.6	38.2	<0.1	0.4	2.5	<0.2	128	890	48	-10	111			
16	C002	5	<0.05	1.2	0.4	43.6	<0.1	1.4	7.5	<0.2	13	104	67	-10	20			
17	C003	14	0.05	3.6	0.8	126.5	0.3	1.2	16.0	<0.2	13	51	158	-10	21			
18	C004	9	0.05	2.2	0.8	100.0	0.1	1.8	7.0	<0.2	16	88	127	-10	24			
19	C005	9	<0.05	4.4	0.2	50.2	<0.1	3.0	22.0	<0.2	20	58	79	13	27			
20	C006	11	0.05	5.2	0.2	93.0	<0.1	4.4	25.5	<0.2	26	65	128	10	33			
21	C007	25	<0.05	8.4	0.2	27.0	<0.1	1.6	45.0	<0.2	7	64	39	35	18			
22	C008	27	0.50	3.8	1.8	76.8	0.1	3.8	60.5	<0.2	9	34	95	59	13			
23	C009	76	0.50	12.0	3.2	27.4	<0.1	48.0	361	0.8	7	71	38	420	11			
24	C010	4	0.05	3.0	2.6	63.4	0.2	2.4	9.0	<0.2	59	451	93	-10	66			
25	C011	6	0.05	3.0	1.0	236	0.1	0.6	10.5	<0.2	61	215	332	-10	66			
26	C012	11	<0.05	14.8	13.2	66.2	<0.1	13.4	68.5	<0.2	2	20	96	77	6			
27	C013	10	0.05	5.6	2.0	165.5	0.2	4.8	11.5	<0.2	15	144	221	-10	21			
28	E001	1	0.05	2.8	0.2	77.6	0.1	0.4	12.5	0.2	46	1240	91	-10	43			
29	E002	1	<0.05	4.2	0.2	11.8	0.1	0.2	53.5	0.2	244	1010	15	49	237			
30	E003	63	0.40	27.8	0.2	50.6	<0.1	0.6	178.0	0.8	266	940	78	188	343			

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Ser. No.	Sample No.	CHEMEX DATA										PETROLAB DATA					
		Au ppb	Ag ppm	As ppm	Bi ppm	Cu ppm	Hg ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Mn ppm	Cu ppm	Pb ppm	Zn ppm		
31	E004	16	<0.05	2.0	0.2	25.0	0.1	23.8	14.5	0.2	9	33	36	10	15		
32	E005	3	0.05	2.6	0.2	116.0	<0.1	1.0	8.5	<0.2	61	668	158	-10	60		
33	E006	19	0.05	5.0	0.4	13.6	0.2	1.6	23.5	0.8	2	23	20	25	7		
34	E007	3	<0.05	2.4	0.4	96.0	0.2	0.4	7.5	<0.2	50	990	119	-10	45		
35	E008	5	0.05	1.2	0.2	80.6	<0.1	0.4	7.0	0.2	47	2280	105	-10	43		
36	E009	1	0.05	0.8	0.2	98.0	<0.1	0.4	6.0	<0.2	39	1850	115	-10	35		
37	E010	2	<0.05	2.2	0.2	128.5	0.1	0.2	3.5	<0.2	43	762	142	-10	39		
38	E011	5	0.05	2.8	0.4	112.0	<0.1	1.8	8.5	<0.2	56	2460	111	-10	49		
39	E012	14	<0.05	2.8	0.4	43.4	<0.1	1.6	22.0	<0.2	7	34	60	20	11		
40	F001	26	0.55	11.6	0.6	3.0	0.1	1.2	14.0	0.2	2	16	3	10	4		
41	G001	7	<0.05	4.4	0.8	189.0	<0.1	3.0	11.5	<0.2	61	90	206	-10	59		
42	G002	12	<0.05	3.6	0.4	30.8	<0.1	2.2	9.5	<0.2	3	21	41	10	7		
43	G003	18	<0.05	46.8	0.8	17.6	<0.1	6.6	14.5	<0.2	7	31	21	11	7		
44	G004	17	<0.05	10.0	0.4	5.2	<0.1	5.6	17.0	<0.2	2	18	8	17	6		
45	G005	69	0.10	53.0	3.0	17.6	<0.1	37.6	97.5	<0.2	2	23	19	134	5		
46	G006	19	0.10	30.8	0.6	21.2	0.1	13.4	17.5	<0.2	2	28	21	16	5		
47	G007	40	<0.05	16.0	0.8	20.2	0.2	5.2	18.0	<0.2	6	329	27	20	11		
48	G008	7	0.05	12.4	0.4	62.2	<0.1	2.0	10.0	<0.2	13	122	69	-10	13		
49	G009	5	0.05	12.6	0.6	121.0	0.1	1.2	8.0	<0.2	17	46	120	-10	18		
50	H001	9	<0.05	5.0	0.6	7.6	0.1	4.4	6.0	<0.2	1	14	11	-10	5		
51	H002	21	0.15	7.6	0.4	28.0	<0.1	3.6	171.0	<0.2	8	12	38	239	13		
52	H003	23	0.30	15.6	0.4	32.6	<0.1	1.0	37.5	<0.2	31	89	41	31	35		
53	H004	1	<0.05	7.0	0.4	14.8	<0.1	4.8	10.5	<0.2	3	11	20	-10	6		
54	H005	9	<0.05	9.6	0.2	12.4	0.1	4.4	12.0	<0.2	3	17	22	-10	7		
55	H006	11	0.05	10.2	0.4	31.2	<0.1	1.8	11.5	<0.2	14	128	37	-10	15		
56	H007	28	0.20	13.8	0.4	41.4	0.1	3.4	17.0	<0.2	6	15	56	11	8		
57	H008	5	<0.05	10.4	0.4	17.6	0.1	2.6	7.5	<0.2	4	36	24	-10	6		
58	H009	6	0.05	7.6	0.2	11.6	<0.1	1.6	11.0	<0.2	10	49	15	-10	12		
59	J001	76	0.15	23.4	4.0	16.4	<0.1	50.4	55.5	0.6	2	27	19	66	5		
60	J002	45	0.10	25.4	2.6	15.6	<0.1	19.0	28.0	0.2	2	20	18	25	4		

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Ser. No.	Sample No.	CHEMEX DATA										PETROLAB DATA					
		Au ppb	Ag ppm	As ppm	Bi ppm	Cu ppm	Hg ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Mn ppm	Cu ppm	Pb ppm	Zn ppm		
61	J003	29	<0.05	14.8	0.8	16.4	<0.1	6.4	27.0	0.4	1	25	23	23	4		
62	J004	6	<0.05	4.8	1.0	136.0	<0.1	2.2	24.0	<0.2	13	137	171	10	16		
63	J005	26	<0.05	11.0	2.0	24.4	<0.1	7.4	18.5	0.4	9	246	29	11	11		
64	J006	1	<0.05	2.8	0.6	30.2	0.1	0.8	7.0	<0.2	25	383	37	-10	22		
65	J007	<1	<0.05	1.4	0.4	80.0	<0.1	0.6	4.5	<0.2	40	364	88	-10	34		
66	J008	<1	<0.05	3.0	1.6	128.0	<0.1	0.2	4.5	<0.2	75	2960	124	-10	67		
67	J009	2	<0.05	2.8	1.4	113.0	<0.1	0.2	3.0	<0.2	52	834	117	-10	48		
68	MA01	6	0.05	0.8	0.8	98.4	0.1	0.6	7.0	<0.2	41	1096	103	-10	36		
69	MA02	26	0.20	4.4	1.0	21.0	<0.1	3.4	21.5	<0.2	15	410	23	15	13		
70	MA03	20	0.25	4.2	1.2	34.6	<0.1	3.8	16.0	<0.2	23	482	39	-10	17		
71	MA04	17	0.15	5.4	0.8	7.6	<0.1	2.2	19.0	<0.2	3	42	7	13	5		
72	MA05	26	0.35	16.2	1.6	14.6	0.1	1.8	13.0	<0.2	5	50	15	-10	6		
73	MA06	16	0.25	14.4	0.6	8.2	<0.1	3.2	11.0	<0.2	4	50	9	-10	5		
74	MA07	16	0.15	15.6	0.6	13.0	<0.1	2.0	42.0	0.2	51	396	17	37	50		
75	MA08	10	0.15	15.0	0.4	24.2	<0.1	1.6	42.0	<0.2	21	309	33	37	24		
76	MA09	10	0.30	13.6	0.6	32.6	<0.1	1.2	27.5	<0.2	17	204	43	23	18		
77	MA10	19	0.15	6.2	0.6	30.6	<0.1	1.6	45.5	<0.2	16	265	42	41	18		
78	MB01	11	0.30	1.2	0.6	170.0	<0.1	0.2	57.0	<0.2	156	1479	157	38	115		
79	MB02	5	0.15	1.0	0.4	112.0	0.1	0.6	12.0	<0.2	60	1322	114	-10	51		
80	MB03	4	0.15	4.4	0.2	353	0.1	1.0	32.0	<0.2	69	1634	339	17	55		
81	MB04	7	0.05	2.4	0.6	163.0	<0.1	4.0	15.0	<0.2	9	51	192	-10	8		
82	MB05	5	0.10	3.2	<0.2	115.0	<0.1	5.8	8.0	<0.2	7	47	137	-10	9		
83	MB06	10	0.10	12.6	0.4	49.4	0.1	2.6	12.0	0.6	4	47	58	-10	7		
84	MB07	10	0.10	12.8	0.4	36.0	<0.1	2.4	21.5	0.6	6	44	40	16	8		
85	MB08	18	0.10	10.4	0.4	52.0	<0.1	1.8	27.5	0.4	13	106	56	24	13		
86	MB09	9	0.10	8.0	0.4	42.6	<0.1	0.6	34.0	0.4	272	1576	46	24	236		
87	MB10	13	0.25	10.6	0.8	104.0	0.2	8.4	27.5	0.2	24	151	109	23	24		
88	MB11	10	0.10	29.8	0.6	63.4	0.1	8.4	7.0	0.2	6	66	67	-10	9		
89	MB12	11	0.05	36.4	0.6	30.6	<0.1	11.4	4.5	0.4	5	31	35	-10	7		
90	MB13	9	0.10	36.0	0.6	22.6	0.1	8.4	10.5	0.4	8	127	29	-10	11		

MADARAG Area

Ser. No.	Sample No.	CHEMEX DATA										PETROLAB DATA					
		Au ppb	Ag ppm	As ppm	Bi ppm	Cu ppm	Hg ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Mn ppm	Cu ppm	Pb ppm	Zn ppm		
91	MB14	19	0.05	8.2	0.6	30.0	0.3	3.0	27.0	0.4	13	56	31	16	13		
92	MB15	23	0.20	5.2	0.4	171.0	<0.1	3.4	20.5	0.4	25	207	203	12	23		
93	MB16	17	0.25	4.8	0.4	110.0	0.1	2.8	34.5	0.2	3	24	115	34	6		
94	MC01	7	0.05	4.0	0.4	116.0	0.1	5.2	5.0	<0.2	44	308	118	-10	39		
95	MC02	12	0.05	44.6	0.6	39.6	0.2	5.6	4.0	0.4	3	45	47	-10	5		
96	MC03	10	0.05	26.4	0.6	34.0	<0.1	8.2	5.5	0.2	2	14	41	-10	5		
97	MC04	9	0.05	3.0	0.6	31.8	<0.1	7.2	7.5	0.4	1	-10	36	-10	4		
98	MC05	9	0.10	1.2	0.2	54.2	0.1	48.0	8.5	0.4	6	13	68	-10	5		
99	MC06	9	0.10	29.4	0.4	38.0	0.1	42.0	9.5	0.4	3	22	51	-10	6		
100	MC07	13	<0.05	14.6	0.6	32.4	0.1	22.8	7.5	0.4	2	16	40	-10	6		
101	MC08	7	0.05	8.6	0.2	10.2	<0.1	14.4	7.5	<0.2	2	32	12	-10	5		
102	MC09	8	0.10	2.4	0.2	22.4	0.1	1.8	10.5	<0.2	2	23	25	-10	14		
103	MC10	11	0.05	3.0	0.2	10.2	<0.1	1.2	13.5	<0.2	1	18	13	10	5		
104	MC11	18	0.10	4.8	0.6	21.6	<0.1	1.2	21.5	<0.2	3	22	26	22	6		
105	MC12	20	0.15	6.8	0.6	32.4	<0.1	1.2	32.0	<0.2	14	66	37	34	15		
106	MC13	14	0.10	5.4	0.6	22.4	0.3	0.8	21.5	<0.2	13	98	28	22	15		
107	MC14	9	0.25	6.4	0.4	57.4	0.2	1.6	44.0	<0.2	60	284	64	40	54		
108	MC15	3	<0.05	1.2	0.4	79.4	<0.1	5.0	7.5	<0.2	4	24	95	-10	8		
109	MC16	5	0.05	1.4	0.2	72.4	0.4	3.2	8.5	<0.2	2	16	82	-10	5		
110	MD01	24	0.10	13.2	1.0	10.6	0.4	52.8	36.0	0.2	2	23	11	38	4		
111	MD02	22	0.05	11.0	1.6	10.2	<0.1	34.4	16.5	0.2	2	19	12	10	4		
112	MD03	3	0.05	77.2	0.6	34.4	<0.1	17.4	10.0	0.2	3	21	36	-10	5		
113	MD04	6	0.05	28.6	1.0	17.8	0.4	15.6	14.5	<0.2	4	33	21	16	6		
114	MD05	12	0.05	80.2	0.8	13.8	0.1	4.2	21.0	0.2	2	27	15	19	5		
115	MD06	19	<0.05	77.2	0.4	45.0	0.2	3.6	10.0	0.2	2	25	55	-10	4		
116	MD07	8	0.05	8.2	0.2	31.2	<0.1	2.8	5.0	<0.2	2	20	39	-10	7		
117	MD08	9	<0.05	10.6	0.2	17.2	<0.1	3.0	8.0	0.2	3	17	24	-10	5		
118	MD09	24	0.05	6.8	0.8	23.4	0.3	1.6	22.5	<0.2	2	19	29	21	8		
119	MD10	10	0.05	1.2	0.2	6.8	<0.1	0.8	9.5	0.2	1	-10	7	-10	4		
120	MD11	6	0.10	2.6	0.4	16.8	0.1	1.0	12.5	0.2	7	15	17	-10	7		

MADARAG Area

Ser. No.	Sample No.	CHEMEX DATA										PETROLAB DATA									
		Au ppb	Ag ppm	As ppm	Bi ppm	Cu ppm	Hg ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Mn ppm	Cu ppm	Pb ppm	Zn ppm						
121	MD12	3	0.25	0.8	0.6	17.8	<0.1	0.8	92.0	<0.2	2	-10	20	104	5						
122	MD13	6	0.55	0.6	0.4	15.2	<0.1	0.8	23.5	<0.2	1	10	16	25	4						
123	MD14	7	0.10	1.2	0.2	10.8	0.1	1.2	32.0	<0.2	1	-10	12	25	3						
124	MD15	29	0.10	2.4	0.2	32.8	0.2	2.4	12.0	<0.2	21	31	49	13	9						
125	MD16	6	0.20	6.6	0.4	52.0	0.3	5.6	16.0	<0.2	13	60	53	11	13						
126	ME01	24	0.05	14.6	1.4	13.4	0.1	38.6	22.5	<0.2	2	21	11	24	4						
127	ME02	20	<0.05	2.2	<0.2	138.0	0.2	52.4	24.0	0.2	9	48	180	22	11						
128	ME03	12	0.05	12.8	0.4	34.2	<0.1	27.4	4.0	0.2	2	12	35	24	6						
129	ME04	8	0.05	23.6	0.4	50.0	0.1	9.2	5.5	0.2	3	14	61	-10	5						
130	ME05	15	0.15	79.4	0.8	38.2	<0.1	9.6	9.0	0.2	2	16	44	-10	5						
131	ME06	11	0.05	5.6	0.2	21.0	<0.1	1.2	20.0	0.4	2	22	49	16	9						
132	ME07	4	0.05	8.6	0.6	10.4	<0.1	3.6	4.0	<0.2	14	10	12	-10	4						
133	ME08	10	0.05	3.8	0.4	13.8	<0.1	1.8	15.5	<0.2	12	11	17	14	4						
134	ME09	6	0.05	3.0	0.4	12.2	<0.1	2.2	6.5	<0.2	2	16	15	-10	5						
135	ME10	11	0.05	4.2	0.8	13.2	<0.1	1.8	15.5	0.2	1	10	15	12	4						
136	ME11	7	0.10	3.2	0.8	17.4	<0.1	1.0	24.0	<0.2	13	17	20	23	5						
137	ME12	8	0.05	2.8	0.6	15.8	<0.1	1.4	22.5	<0.2	8	31	18	17	10						
138	ME13	6	0.15	1.2	0.6	26.0	<0.1	1.6	21.0	<0.2	3	-10	30	17	5						
139	ME14	9	0.10	1.4	0.4	18.0	<0.1	2.4	22.5	<0.2	1	-10	22	18	4						
140	ME15	23	0.10	3.6	0.4	122.0	<0.1	4.6	36.0	<0.2	61	261	14	29	58						
141	ME16	26	0.15	2.4	0.4	63.2	<0.1	5.6	10.5	<0.2	5	37	73	-10	7						
142	MF01	24	0.10	10.0	0.4	101.0	<0.1	28.8	27.5	<0.2	34	214	110	26	32						
143	MF02	30	0.05	8.8	0.6	80.2	<0.1	25.0	13.5	<0.2	9	49	103	13	11						
144	MF03	15	<0.05	3.6	0.4	25.6	<0.1	21.4	21.5	<0.2	4	15	30	21	11						
145	MF04	6	0.10	3.4	0.4	13.2	<0.1	2.4	6.5	<0.2	5	20	15	-10	7						
146	MF05	5	0.05	3.8	0.2	8.4	<0.1	1.4	3.0	<0.2	2	10	10	-10	4						
147	MF06	6	0.10	3.4	<0.2	14.0	<0.1	1.8	3.5	<0.2	3	15	16	-10	6						
148	MF07	13	0.05	5.2	0.2	33.4	0.4	43.0	7.5	<0.2	3	13	38	-10	5						
149	MF08	8	<0.05	4.8	0.2	32.4	<0.1	5.2	7.0	<0.2	3	26	47	-10	8						
150	MF09	8	0.05	7.2	0.4	27.4	<0.1	2.4	8.0	<0.2	8	21	38	-10	8						

KADARAC Area

Ser. No.	Sample No.	CHEMEX DATA										PETROLAB DATA				
		Au ppb	Ag ppm	As ppm	Bi ppm	Cu ppm	Hg ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Mn ppm	Cu ppm	Pb ppm	Zn ppm	
151	MF10	12	0.15	16.0	0.2	65.2	<0.1	4.0	14.5	<0.2	14	129	87	-10	18	
152	MF11	8	0.05	2.4	0.2	6.4	0.1	0.8	17.5	<0.2	5	17	10	15	8	
153	MF12	3	0.05	2.0	<0.2	94.6	<0.1	0.2	5.5	<0.2	91	1118	121	-10	93	
154	MF13	2	0.05	1.8	0.2	84.2	<0.1	0.2	4.5	<0.2	66	1392	111	-10	68	
155	MF14	2	<0.05	1.2	0.2	89.4	<0.1	<0.2	3.5	<0.2	78	1525	110	-10	69	
156	MF15	12	0.05	1.2	0.2	103.0	<0.1	0.2	5.0	<0.2	139	1853	120	-10	128	
157	MF16	27	0.05	3.0	0.4	87.4	<0.1	0.6	9.5	<0.2	111	2582	102	-10	107	
158	MG01	25	<0.05	8.2	0.2	41.0	<0.1	25.2	20.5	<0.2	17	134	65	16	25	
159	MG02	18	<0.05	6.2	0.2	52.4	<0.1	18.4	14.5	<0.2	23	107	81	10	30	
160	MG03	18	<0.05	2.4	<0.2	32.4	<0.1	3.8	14.5	<0.2	7	46	48	12	20	
161	MG04	11	<0.05	3.4	0.2	15.2	<0.1	4.0	8.5	<0.2	4	27	22	-10	6	
162	MG05	10	<0.05	3.4	0.4	13.4	<0.1	6.8	4.5	<0.2	3	15	22	-10	8	
163	MG06	12	<0.05	3.6	0.2	13.8	0.1	3.8	4.5	<0.2	2	13	23	-10	7	
164	MG07	11	<0.05	2.8	0.2	34.6	<0.1	2.0	9.0	<0.2	4	23	49	-10	11	
165	MG08	9	<0.05	2.2	0.4	22.2	<0.1	3.4	9.0	<0.2	9	74	32	-10	10	
166	MG09	5	0.05	2.6	0.6	45.2	<0.1	1.2	8.5	<0.2	9	45	68	-10	14	
167	MG10	6	<0.05	3.2	0.2	23.6	<0.1	1.2	3.0	<0.2	2	17	37	-10	5	

BINANAN Area

Ser. No.	Sample No.	CHEMEX DATA										PETROLAB DATA									
		Au ppb	Ag ppm	As ppm	Bi ppm	Cu ppm	Hg ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Mn ppm	Cu ppm	Pb ppm	Zn ppm						
1	B012	7	0.05	32.4	1.6	5.6	<0.1	3.2	5.0	0.6	3	127	8	-10	6						
2	B013	8	<0.05	7.8	0.6	5.0	<0.1	1.2	7.0	<0.2	7	227	7	-10	8						
3	B014	24	<0.05	10.4	0.6	8.0	0.1	2.8	11.5	0.2	3	34	11	-10	6						
4	B015	<1	<0.05	14.2	0.2	2.8	<0.1	0.8	2.0	<0.2	2	60	4	-10	5						
5	B016	9	<0.05	21.0	0.2	5.2	0.1	1.0	5.0	0.4	7	693	7	-10	9						
6	B017	4	<0.05	7.0	0.4	4.4	<0.1	3.4	7.5	<0.2	12	23	4	-10	4						
7	B018	6	<0.05	7.4	0.4	7.0	<0.1	6.4	7.0	<0.2	1	24	9	-10	4						
8	B019	13	<0.05	6.4	0.4	8.4	0.1	1.2	4.5	0.2	4	185	10	-10	7						
9	B020	6	<0.05	2.6	0.8	4.6	<0.1	0.8	3.0	0.2	3	161	5	-10	6						
10	B021	13	<0.05	807	1.4	40.4	0.7	2.2	6.5	10.6	12	217	47	-10	16						
11	B022	1	<0.05	33.8	0.6	6.6	0.2	1.0	6.0	3.0	7	398	8	-10	8						
12	B023	6	<0.05	71.8	0.8	8.8	0.1	1.2	5.5	2.4	7	727	11	-10	9						
13	B024	13	<0.05	164.5	0.6	13.4	<0.1	1.6	4.0	0.8	3	45	20	-10	8						
14	B025	2	<0.05	84.4	0.2	43.6	<0.1	1.2	3.5	<0.2	33	1410	63	-10	42						
15	B026	41	0.15	115.5	0.6	65.2	<0.1	2.0	11.0	0.6	44	472	67	-10	38						
16	B027	40	0.10	351	0.2	43.4	0.2	2.8	4.5	2.2	25	396	61	-10	31						
17	B028	29	0.10	163.5	0.4	60.6	<0.1	1.6	7.0	1.0	59	558	85	-10	67						
18	B029	10	0.10	39.8	0.2	41.4	<0.1	0.8	9.5	0.2	40	111	55	-10	44						
19	C014	4	<0.05	15.2	0.2	8.4	<0.1	0.2	5.0	<0.2	21	544	11	-10	25						
20	C015	11	<0.05	6.8	0.2	19.8	0.2	0.6	8.5	<0.2	65	760	26	-10	52						
21	C016	3	0.05	5.6	<0.2	12.4	<0.1	0.4	5.0	<0.2	48	1130	15	-10	48						
22	C017	17	0.05	15.0	0.2	12.8	<0.1	1.2	6.0	<0.2	51	814	16	-10	55						
23	C018	<1	<0.05	5.4	0.4	87.2	0.1	0.4	5.0	<0.2	60	862	102	-10	57						
24	C019	4	0.05	8.2	0.2	66.4	<0.1	0.6	9.0	<0.2	101	1150	77	-10	82						
25	F028	5	<0.05	5.0	0.2	6.4	<0.1	3.0	6.5	<0.2	4	39	8	-10	7						
26	G025	3	<0.05	17.2	0.8	8.4	<0.1	7.4	10.0	<0.2	2	44	8	10	5						
27	G026	14	0.10	65.4	6.6	42.4	<0.1	13.2	44.5	4.2	3	22	43	46	7						
28	G027	12	0.10	45.2	7.2	36.4	<0.1	10.8	18.5	1.8	4	38	54	10	13						
29	G028	8	<0.05	54.6	1.6	22.0	<0.1	2.6	19.5	2.0	3	44	23	24	6						
30	G029	55	<0.05	131.0	2.0	12.0	<0.1	1.2	8.0	5.4	3	96	14	10	4						

BINANAN Area

Ser. No.	Sample No.	CHEMEX DATA										PETROLAB DATA				
		Au ppb	Ag ppm	As ppm	Bi ppm	Cu ppm	Hg ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Mn ppm	Cu ppm	Pb ppm	Zn ppm	
31	G030	9	<0.05	55.0	0.4	4.4	<0.1	3.2	1.5	2.6	5	68	4	-10	7	
32	G031	8	<0.05	57.6	1.4	6.4	0.2	2.2	2.5	5.0	7	157	6	-10	9	
33	G032	11	0.05	93.0	0.2	22.8	0.1	1.4	8.0	0.2	20	2330	26	-10	21	
34	G033	7	0.05	45.4	0.2	17.6	0.1	1.0	5.5	0.2	29	777	20	-10	31	
35	G034	26	<0.05	59.6	0.2	12.6	<0.1	0.6	13.0	0.4	25	807	14	10	28	
36	G035	17	0.05	86.4	0.4	23.6	0.1	2.8	15.0	0.2	11	1600	27	-10	15	
37	G036	12	<0.05	62.4	0.4	9.6	<0.1	2.2	4.5	<0.2	10	602	11	-10	12	
38	G037	2	<0.05	31.8	0.4	39.4	<0.1	1.0	3.5	<0.2	12	445	46	-10	15	
39	G038	1	<0.05	19.8	0.6	7.0	<0.1	1.0	5.0	<0.2	4	297	7	-10	6	
40	G039	12	0.05	38.0	0.2	28.8	0.2	1.0	5.0	<0.2	30	1780	34	-10	33	
41	BA01	3	<0.05	6.2	0.2	18.2	<0.1	0.4	4.0	<0.2	68	1174	22	-10	58	
42	BA02	<1	<0.05	5.8	0.2	32.6	0.1	0.4	3.5	<0.2	50	730	35	-10	41	
43	BA03	1	<0.05	6.2	<0.2	24.2	<0.1	0.2	3.5	<0.2	58	916	28	-10	45	
44	BA04	1	<0.05	3.0	<0.2	40.2	<0.1	0.4	3.0	<0.2	44	797	40	-10	35	
45	BA05	1	<0.05	4.6	0.2	10.2	0.1	0.4	5.0	<0.2	53	791	12	-10	45	
46	BA06	5	<0.05	4.8	<0.2	55.0	<0.1	0.4	2.5	<0.2	47	901	56	-10	40	
47	BA07	2	<0.05	5.8	1.0	83.0	<0.1	0.4	3.0	<0.2	53	920	83	-10	47	
48	BA08	<1	<0.05	5.4	0.2	69.2	<0.1	0.6	6.0	<0.2	47	2035	65	-10	40	
49	BA09	1	<0.05	6.0	0.2	75.6	<0.1	0.4	3.5	<0.2	48	1397	74	-10	39	
50	BA10	2	<0.05	8.2	<0.2	91.8	0.3	0.6	2.0	<0.2	69	739	87	-10	56	
51	BA11	17	0.15	76.6	0.2	99.8	<0.1	1.0	2.5	<0.2	40	1162	105	-10	36	
52	BA12	23	0.15	47.6	<0.2	66.4	<0.1	0.8	3.5	<0.2	35	1327	72	-10	29	
53	BA13	30	0.05	86.0	0.2	58.6	<0.1	1.6	6.0	<0.2	38	951	73	-10	38	
54	BA14	24	0.30	50.8	0.2	31.2	<0.1	1.0	5.5	<0.2	46	631	35	-10	43	
55	BA15	27	0.05	81.2	0.2	24.6	<0.1	5.0	4.0	<0.2	28	418	31	-10	27	
56	BA16	4	0.05	22.4	<0.2	25.0	<0.1	0.8	5.0	<0.2	33	1295	27	-10	28	
57	BB01	18	0.10	120.0	<0.2	20.2	<0.1	1.2	17.0	1.0	99	1074	24	18	92	
58	BB02	2	<0.05	9.6	<0.2	9.6	<0.1	0.2	3.0	<0.2	53	1178	13	-10	51	
59	BB03	4	<0.05	34.6	<0.2	19.4	<0.1	0.4	6.5	<0.2	58	845	22	-10	52	
60	BB04	5	0.05	14.0	0.2	14.4	<0.1	0.6	5.5	<0.2	55	1189	15	-10	42	

BINANAN Area

Ser. No.	Sample No.	CHEMEX DATA										PETROLAB DATA					
		Au ppb	Ag ppm	As ppm	Bi ppm	Cu ppm	Hg ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Mn ppm	Cu ppm	Pb ppm	Zn ppm		
61	BB05	19	<0.05	8.8	<0.2	28.6	<0.1	0.6	7.0	<0.2	54	720	33	-10	45		
62	BB06	9	<0.05	7.2	<0.2	47.6	<0.1	0.4	3.0	<0.2	49	1144	49	-10	42		
63	BB07	7	0.05	8.8	<0.2	63.8	<0.1	0.6	2.5	<0.2	59	887	65	-10	49		
64	BB08	3	<0.05	30.8	<0.2	46.0	<0.1	0.4	4.0	<0.2	62	789	48	-10	50		
65	BB09	3	<0.05	49.6	<0.2	66.6	<0.1	0.4	1.5	<0.2	54	883	69	-10	47		
66	BB10	16	0.05	72.2	<0.2	64.0	<0.1	0.8	2.5	<0.2	70	1050	64	-10	56		
67	BB11	11	0.10	24.2	<0.2	59.6	<0.1	1.6	4.5	<0.2	48	585	66	-10	43		
68	BB12	11	0.05	33.0	0.2	48.2	<0.1	3.2	6.5	<0.2	18	74	55	-10	16		
69	BB13	2	<0.05	15.8	0.6	76.4	<0.1	0.4	2.0	<0.2	77	1975	78	-10	65		
70	BB14	116	<0.05	39.4	<0.2	31.6	<0.1	1.0	4.5	<0.2	31	981	35	-10	26		
71	BB15	11	<0.05	52.2	<0.2	49.6	<0.1	1.2	5.0	<0.2	45	2059	53	-10	39		
72	BB16	13	0.05	30.2	<0.2	91.6	<0.1	0.6	2.0	<0.2	93	2506	93	-10	77		
73	BC01	8	<0.05	48.2	0.2	8.0	<0.1	3.6	13.0	<0.2	63	718	10	-10	53		
74	BC02	3	<0.05	8.8	<0.2	23.0	<0.1	0.6	3.0	<0.2	42	511	25	-10	35		
75	BC03	9	0.05	20.2	<0.2	11.2	<0.1	0.6	5.5	<0.2	43	679	12	-10	36		
76	BC04	25	<0.05	70.4	<0.2	17.8	<0.1	1.2	7.5	<0.2	70	720	19	-10	58		
77	BC05	9	<0.05	36.0	<0.2	23.6	<0.1	0.4	5.5	<0.2	70	848	25	-10	56		
78	BC06	5	<0.05	14.4	<0.2	26.8	<0.1	0.2	5.5	<0.2	83	943	27	-10	66		
79	BC07	16	<0.05	84.6	<0.2	20.6	<0.1	0.6	10.0	<0.2	87	544	22	-10	72		
80	BC08	40	0.05	18.0	<0.2	22.4	0.1	0.4	7.0	<0.2	60	722	24	-10	49		
81	BC09	7	<0.05	27.6	0.2	19.8	<0.1	0.4	4.0	0.4	48	489	22	-10	40		
82	BC10	84	0.10	18.0	<0.2	12.6	<0.1	0.4	3.5	0.2	45	371	13	-10	36		
83	BC11	9	0.10	23.0	0.4	24.4	<0.1	3.2	5.5	0.4	28	414	28	-10	25		
84	BC12	7	0.05	13.4	0.2	25.4	<0.1	1.2	3.5	0.4	25	337	29	-10	22		
85	BC13	6	0.05	13.4	0.2	17.4	<0.1	0.8	4.0	0.2	18	495	22	-10	18		
86	BC14	6	0.05	24.0	0.4	28.2	<0.1	0.8	4.0	0.2	30	229	33	-10	29		
87	BC15	6	0.05	17.4	0.4	18.2	<0.1	1.4	5.0	0.4	8	127	24	-10	11		
88	BC16	5	<0.05	22.2	0.2	27.0	<0.1	1.0	9.5	0.4	41	1155	28	-10	36		
89	BC17	13	<0.05	37.6	0.2	33.2	<0.1	2.4	7.5	0.6	19	267	37	-10	19		
90	BD01	2	<0.05	3.2	0.2	30.6	<0.1	0.4	4.5	0.2	73	1678	35	-10	62		

BINAMAN Area

Ser. No.	Sample No.	CHEMEX DATA										PETROLAB DATA					
		Au ppb	Ag ppm	As ppm	Bi ppm	Cu ppm	Hg ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Mn ppm	Cu ppm	Pb ppm	Zn ppm		
91	BD02	1	<0.05	3.2	<0.2	28.2	<0.1	0.2	3.5	0.4	47	995	31	-10	41		
92	BD03	2	<0.05	5.2	<0.2	39.2	0.1	0.2	2.0	0.2	49	768	42	-10	42		
93	BD04	1	<0.05	2.6	<0.2	6.4	<0.1	0.2	2.0	0.4	45	1037	9	-10	40		
94	BD05	4	<0.05	6.4	<0.2	19.6	<0.1	0.6	4.5	<0.2	46	753	21	-10	41		
95	BD06	11	<0.05	24.8	0.2	31.6	<0.1	1.0	3.5	0.4	73	891	32	-10	63		
96	BD07	3	<0.05	4.4	0.2	11.0	<0.1	0.6	4.5	0.4	71	639	12	-10	58		
97	BD08	5	<0.05	4.4	0.2	28.8	<0.1	0.6	4.5	<0.2	76	699	29	-10	57		
98	BD09	4	<0.05	3.2	<0.2	17.6	<0.1	0.4	4.5	0.2	42	617	19	-10	34		
99	BD10	6	<0.05	15.6	0.2	22.4	<0.1	0.8	4.5	<0.2	42	410	23	-10	39		
100	BD11	36	0.05	23.2	0.4	40.0	<0.1	8.0	7.0	<0.4	30	183	44	-10	27		
101	BD12	72	<0.05	12.8	<0.2	14.2	<0.1	2.4	3.0	<0.2	9	65	18	-10	12		
102	BD13	10	<0.05	30.6	<0.2	28.4	<0.1	3.0	4.5	<0.2	12	310	32	-10	13		
103	BD14	14	<0.05	72.8	<0.2	17.4	0.1	2.4	4.5	0.6	27	147	21	-10	30		
104	BD15	42	<0.05	185.5	<0.2	20.0	0.1	3.2	6.0	1.0	36	849	24	-10	34		
105	BD16	45	0.05	153.0	0.2	17.2	<0.1	2.0	7.0	1.0	6	105	22	-10	9		
106	BD17	16	<0.05	191.0	0.2	27.2	<0.1	3.4	4.0	0.4	15	828	31	-10	15		
107	BE01	48	0.15	91.8	<0.2	9.8	<0.1	2.4	18.5	0.6	19	817	12	17	18		
108	BE02	94	0.10	154.5	<0.2	6.6	0.2	7.4	19.0	1.4	5	281	10	13	8		
109	BE03	60	0.15	92.0	0.2	7.8	<0.1	2.2	22.5	0.8	6	438	10	15	9		
110	BE04	36	0.05	178.0	0.2	21.8	<0.1	1.6	9.5	0.6	17	260	26	-10	17		
111	BE05	35	0.05	186.0	<0.2	23.8	<0.1	1.4	9.5	1.4	40	863	27	-10	38		
112	BE06	4	<0.05	10.4	0.2	9.8	<0.1	1.0	5.5	<0.2	51	634	11	-10	46		
113	BE07	3	<0.05	10.4	0.2	4.4	0.3	0.4	4.0	<0.2	33	669	6	-10	29		
114	BE08	1	<0.05	10.8	0.2	3.8	<0.1	0.2	2.0	<0.2	44	847	4	-10	35		
115	BE09	9	0.05	27.0	0.2	13.8	<0.1	1.8	3.5	<0.2	28	412	14	-10	24		
116	BE10	7	0.05	25.8	<0.2	8.2	<0.1	1.0	3.0	<0.2	29	910	9	-10	26		
117	BE11	2	<0.05	8.6	<0.2	13.8	<0.1	0.2	2.5	<0.2	39	650	16	-10	35		
118	BE12	11	0.05	32.0	0.4	90.6	<0.1	1.0	4.0	<0.2	55	634	96	-10	54		
119	BE13	18	0.05	79.2	0.2	62.6	0.1	1.4	5.5	<0.2	80	672	70	-10	78		
120	BE14	7	0.05	45.6	0.4	31.4	0.1	1.2	19.5	<0.2	75	1617	33	16	69		

BINANAN Area

Ser. No.	Sample No.	CHEMEX DATA										PETROLAB DATA			
		Au ppb	Ag ppm	As ppm	Bi ppm	Cu ppm	Hg ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Mn ppm	Cu ppm	Pb ppm	Zn ppm
121	BE15	8	<0.05	34.0	<0.2	23.4	0.1	0.8	6.5	<0.2	29	518	25	-10	29
122	BE16	8	0.05	30.2	0.2	13.6	0.1	0.8	19.0	<0.2	34	964	15	17	34
123	BE17	7	0.05	34.4	<0.2	13.0	0.1	0.8	14.5	<0.2	21	556	16	16	23
124	BF01	16	0.05	96.4	0.2	29.6	<0.1	2.6	16.5	<0.2	35	1393	33	10	34
125	BF02	70	0.05	65.8	<0.2	5.0	0.3	1.6	21.0	0.2	21	943	7	18	20
126	BF03	19	0.10	76.8	<0.2	14.2	0.1	2.2	11.0	<0.2	25	863	17	10	27
127	BF04	32	0.05	148.5	<0.2	11.0	0.2	2.2	8.0	1.0	11	454	13	-10	13
128	BF05	32	0.10	100.5	<0.2	6.4	0.2	2.6	9.5	1.0	5	216	7	10	8
129	BF06	14	<0.05	97.6	<0.2	5.8	<0.1	1.2	8.5	0.8	20	906	7	-10	21
130	BF07	22	<0.05	270	<0.2	7.6	<0.1	2.2	8.0	3.4	8	165	8	-10	10
131	BF08	30	0.10	266	<0.2	7.8	<0.1	3.4	10.0	3.2	4	210	8	10	6
132	BF09	98	0.05	104.5	<0.2	24.6	<0.1	1.8	9.0	0.8	41	228	24	-10	39
133	BF10	30	0.05	89.2	0.4	23.4	<0.1	16.8	6.5	0.4	7	293	23	-10	9
134	BF11	11	<0.05	75.0	<0.2	13.0	0.1	4.0	4.0	0.2	3	61	15	-10	6
135	BF12	4	<0.05	15.0	0.4	51.8	0.1	2.6	4.5	<0.2	68	363	50	-10	61
136	BF13	16	<0.05	29.8	<0.2	22.6	<0.1	8.2	2.5	<0.2	22	58	25	-10	22
137	BF14	7	<0.05	22.6	0.4	14.2	<0.1	1.6	6.0	<0.2	8	169	16	-10	10
138	BF15	5	<0.05	28.8	0.4	8.2	<0.1	1.6	7.0	<0.2	5	92	10	-10	7
139	BF16	4	<0.05	8.2	0.6	4.0	<0.1	1.2	5.5	0.2	16	99	5	-10	16
140	BF17	8	<0.05	9.8	0.8	6.2	<0.1	2.2	8.0	<0.2	8	80	8	-10	5

NIPA Area

Ser. No.	Sample No.	CHEMEX DATA										PETROLAB DATA									
		Au ppb	Ag ppm	As ppm	Bi ppm	Cu ppm	Hg ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Mn ppm	Cu ppm	Pb ppm	Zn ppm						
1	B030	1	<0.05	2.2	0.4	10.4	0.1	3.4	8.0	<0.2	17	270	34	-10	21						
2	B031	<1	<0.05	1.0	0.6	30.6	0.1	2.0	3.0	<0.2	3	31	79	-10	8						
3	B032	3	<0.05	8.4	0.6	63.2	0.1	2.0	8.5	<0.2	58	620	42	-10	59						
4	B033	6	<0.05	6.0	0.4	32.6	<0.1	32.2	4.0	<0.2	<1	13	60	-10	3						
5	B034	2	<0.05	3.6	0.6	39.6	0.1	5.2	2.5	<0.2	<1	20	82	-10	2						
6	B035	<1	<0.05	5.0	0.2	34.8	<0.1	12.8	3.0	0.4	<1	12	25	-10	3						
7	B036	<1	0.05	5.0	0.2	8.2	0.1	1.8	2.5	<0.2	1	-10	61	-10	4						
8	B037	1	0.05	3.6	0.2	5.0	<0.1	0.4	6.5	<0.2	46	930	31	-10	65						
9	B038	2	<0.05	10.0	0.2	31.4	0.2	1.2	8.0	<0.2	50	506	115	-10	58						
10	B039	2	0.10	9.2	0.4	54.0	<0.1	4.0	9.0	<0.2	3	51	17	-10	7						
11	B040	<1	0.10	1.0	0.4	27.2	<0.1	44.0	7.5	<0.2	1	26	84	-10	3						
12	B041	2	0.20	3.4	1.6	66.6	<0.1	3.6	17.5	<0.2	1	24	59	18	4						
13	B042	8	<0.05	6.2	1.4	106.0	0.1	9.6	35.5	<0.2	1	43	66	53	5						
14	B043	<1	<0.05	0.8	<0.2	10.6	<0.1	2.0	2.0	<0.2	5	176	48	-10	8						
15	C020	11	0.05	11.4	0.8	13.2	<0.1	1.2	21.0	<0.2	27	1840	67	-10	30						
16	C021	13	0.05	7.8	0.6	24.8	0.3	1.0	15.0	<0.2	70	1180	158	-10	61						
17	C022	<1	<0.05	1.8	0.2	12.6	<0.1	<0.2	4.0	<0.2	60	184	127	-10	70						
18	C023	4	0.10	9.6	0.4	59.8	0.3	0.8	6.0	<0.2	118	940	79	-10	111						
19	C024	10	<0.05	8.8	0.4	40.0	<0.1	4.8	7.5	0.4	12	180	128	-10	17						
20	C025	13	0.10	6.8	0.4	24.2	<0.1	3.8	7.5	<0.2	30	254	39	-10	35						
21	C026	<1	<0.05	3.2	0.2	19.6	<0.1	0.6	3.0	<0.2	62	1090	95	-10	62						
22	C027	26	0.20	37.4	2.4	9.0	<0.1	1.8	21.0	2.0	5	72	38	25	10						
23	C028	60	0.25	42.0	3.8	6.4	0.1	2.0	25.0	2.6	4	47	93	23	7						
24	C029	24	0.10	12.0	0.8	15.0	<0.1	2.6	13.5	1.0	7	63	332	10	10						
25	C030	76	0.10	24.6	2.8	16.2	<0.1	1.2	28.0	1.6	8	23	96	32	5						
26	C031	37	0.05	30.0	1.0	14.4	0.1	6.8	7.5	0.6	5	40	221	-10	8						
27	C032	46	0.05	64.4	2.6	21.4	<0.1	6.6	16.0	3.0	5	27	91	11	8						
28	C033	55	<0.05	70.4	0.8	12.8	<0.1	39.6	17.0	1.2	2	19	15	11	5						
29	E028	5	<0.05	8.2	0.4	6.2	<0.1	0.8	9.0	<0.2	3	70	78	-10	6						
30	E029	15	<0.05	4.6	0.4	5.2	<0.1	0.6	25.5	<0.2	5	391	36	23	6						

NIPA Area

Ser. No.	Sample No.	CHEMEX DATA										PETROLAB DATA					
		Au ppb	Ag ppm	As ppm	Bi ppm	Cu ppm	Hg ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Mn ppm	Cu ppm	Pb ppm	Zn ppm		
31	E030	18	0.05	24.0	1.8	35.8	<0.1	0.6	15.5	0.6	3	151	158	14	7		
32	E031	15	<0.05	15.6	0.2	42.0	<0.1	0.6	5.5	<0.2	15	68	20	-10	19		
33	E032	4	<0.05	8.8	0.4	23.8	<0.1	1.0	3.5	<0.2	7	40	119	-10	10		
34	E033	6	<0.05	9.8	0.2	24.6	<0.1	0.8	5.5	<0.2	8	144	105	-10	12		
35	E034	2	0.05	4.8	<0.2	12.6	<0.1	0.4	4.5	<0.2	27	1680	115	-10	27		
36	E035	<1	<0.05	2.4	<0.2	13.6	0.1	0.4	3.5	<0.2	14	325	142	-10	17		
37	E036	6	0.10	7.8	0.4	9.8	0.1	1.0	4.5	<0.2	4	39	111	-10	6		
38	E037	9	0.05	9.8	0.2	17.2	0.1	4.2	14.0	<0.2	8	27	60	10	9		
39	E038	58	0.15	32.8	0.6	7.0	<0.1	2.4	6.0	0.4	3	44	3	-10	5		
40	E039	37	0.10	61.2	1.4	3.6	<0.1	3.4	19.0	4.2	3	32	206	13	7		
41	E040	28	0.05	62.4	1.6	19.8	<0.1	1.8	18.0	2.0	5	46	41	15	5		
42	G040	<1	<0.05	1.0	0.2	29.2	<0.1	2.0	1.5	<0.2	1	36	21	-10	5		
43	G041	<1	<0.05	0.6	0.2	10.0	<0.1	2.8	2.5	<0.2	3	51	8	-10	4		
44	G042	<1	<0.05	2.4	0.4	4.6	0.3	0.8	2.0	<0.2	5	52	19	-10	5		
45	G043	<1	0.05	1.4	1.0	39.0	0.1	1.2	3.5	<0.2	44	328	21	-10	40		
46	G044	2	0.05	1.2	<0.2	24.8	<0.1	1.6	4.5	<0.2	17	632	27	-10	16		
47	G045	3	<0.05	3.0	0.4	35.6	<0.1	3.4	5.0	<0.2	13	117	69	-10	15		
48	G046	3	0.05	3.4	0.4	10.0	<0.1	2.0	3.0	<0.2	5	114	120	-10	8		
49	G047	<1	<0.05	0.6	0.2	8.8	<0.1	2.4	2.0	<0.2	2	46	11	-10	5		
50	G048	9	0.10	5.0	0.4	55.4	0.3	0.8	4.0	<0.2	11	75	38	-10	13		
51	G049	3	0.05	5.6	0.2	34.2	<0.1	3.4	5.5	<0.2	8	30	41	-10	6		
52	G050	15	0.05	7.2	0.2	9.8	0.3	1.2	4.0	<0.2	9	41	20	-10	5		
53	G051	7	<0.05	9.4	0.4	19.4	<0.1	0.6	3.0	0.6	8	219	22	-10	9		
54	H017	5	<0.05	21.6	0.6	14.0	<0.1	2.6	7.5	<0.2	4	73	37	-10	7		
55	H018	5	<0.05	21.4	0.2	12.6	<0.1	1.6	4.5	<0.2	12	56	56	-10	14		
56	H019	5	0.05	16.2	0.6	7.4	0.1	1.6	7.5	<0.2	12	36	24	-10	7		
57	H020	12	0.05	20.0	0.6	73.4	<0.1	4.0	12.5	<0.2	8	27	15	-10	14		
58	H021	6	<0.05	10.8	0.2	5.0	<0.1	3.0	7.0	<0.2	3	15	19	-10	5		
59	H022	20	0.05	32.0	0.8	10.0	<0.1	6.6	22.5	<0.2	5	16	18	14	5		
60	H023	2	<0.05	11.8	0.4	26.4	<0.1	0.8	9.5	<0.2	27	128	23	-10	23		

NIPA Area

Ser. No.	Sample No.	CHEMEX DATA										PETROLAB DATA					
		Au ppb	Ag ppm	As ppm	Bi ppm	Cu ppm	Hg ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Mn ppm	Cu ppm	Pb ppm	Zn ppm		
61	H024	1	<0.05	9.2	0.2	17.8	<0.1	0.6	5.5	<0.2	45	185	171	-10	37		
62	H025	22	<0.05	104.0	0.2	18.2	<0.1	1.4	6.0	<0.2	25	265	29	-10	23		
63	H026	6	<0.05	18.2	0.4	20.2	<0.1	0.8	5.5	<0.2	17	135	37	-10	16		
64	H027	1	0.05	27.8	0.2	82.6	<0.1	0.8	4.5	<0.2	74	1029	88	-10	59		
65	H028	2	<0.05	14.8	<0.2	13.2	0.1	0.6	3.0	<0.2	49	279	124	-10	46		
66	H029	4	<0.05	194.5	0.4	44.8	<0.1	1.0	4.5	0.2	23	362	117	-10	22		
67	H030	4	<0.05	24.8	0.4	75.8	<0.1	0.8	3.5	<0.2	56	521	103	-10	50		
68	H031	<1	<0.05	11.6	0.4	7.0	<0.1	1.8	6.0	<0.2	1	23	23	-10	4		
69	H032	2	<0.05	7.0	0.2	1.6	0.1	2.0	2.0	0.4	1	10	39	-10	3		
70	H033	1	<0.05	4.4	0.8	43.4	<0.1	0.2	1.5	0.4	88	460	7	-10	74		
71	H034	4	<0.05	47.2	0.8	18.0	<0.1	0.2	4.5	0.8	46	464	15	-10	44		
72	H035	3	<0.05	113.0	1.0	19.8	0.2	0.6	4.5	1.2	49	624	9	-10	45		
73	H036	2	<0.05	4.2	0.6	5.8	<0.1	<0.2	4.5	0.4	40	478	17	-10	70		
74	H037	<1	<0.05	4.4	1.4	7.2	<0.1	<0.2	5.0	0.4	87	1688	33	-10	75		
75	H038	2	<0.05	7.2	1.2	62.4	<0.1	0.2	3.0	<0.2	52	448	43	-10	44		
76	H039	<1	<0.05	5.0	1.2	16.6	<0.1	0.6	2.0	<0.2	33	633	42	-10	31		
77	H040	<1	<0.05	11.0	1.0	63.0	<0.1	0.6	1.5	0.2	75	822	157	-10	55		
78	H041	<1	<0.05	4.4	2.0	43.0	<0.1	1.0	4.5	<0.2	46	384	114	-10	43		
79	J040	4	<0.05	14.0	1.0	60.2	<0.1	1.0	5.0	<0.2	29	551	339	-10	33		
80	J041	8	0.05	35.6	1.4	10.0	0.1	0.8	6.0	0.6	3	90	192	10	6		
81	J042	32	0.05	236	1.2	45.0	0.2	2.6	16.0	2.4	4	72	137	11	6		
82	J043	19	<0.05	38.6	1.2	10.2	0.1	1.4	13.0	1.6	2	50	58	-10	4		
83	J044	22	0.05	50.8	2.0	15.4	0.1	1.6	13.0	1.8	3	68	40	-10	5		
84	J045	32	0.05	73.4	1.8	32.0	<0.1	2.2	20.0	1.8	4	80	56	14	6		
85	J046	31	0.05	58.8	1.6	22.2	<0.1	2.0	18.5	1.4	6	44	46	13	5		
86	J047	133	0.05	150.0	2.8	49.0	0.2	3.2	34.0	4.4	3	25	109	40	6		
87	J048	13	<0.05	53.2	1.4	10.6	<0.1	1.2	11.5	1.8	4	109	67	-10	6		
88	J049	5	<0.05	51.2	1.2	12.6	0.1	1.2	8.5	1.8	7	247	35	-10	8		
89	J050	4	<0.05	9.6	1.0	8.6	<0.1	0.8	5.0	0.6	5	324	29	-10	7		
90	J051	8	<0.05	15.6	0.8	10.2	<0.1	1.2	7.0	0.2	3	31	31	-10	4		

NIPA Area

Ser. No.	Sample No.	CHEMEX DATA										PETROLAB DATA					
		Au ppb	Ag ppm	As ppm	Bi ppm	Cu ppm	Hg ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Mn ppm	Cu ppm	Pb ppm	Zn ppm		
91	J052	7	<0.05	17.6	0.6	7.8	<0.1	0.8	3.5	1.2	1	16	203	-10	3		
92	J053	<1	<0.05	5.0	1.0	52.4	0.1	0.4	9.5	<0.2	36	1897	115	-10	32		
93	J054	<1	<0.05	3.0	1.2	29.4	<0.1	0.4	3.5	<0.2	28	1374	118	-10	25		
94	J055	2	<0.05	3.2	1.0	49.6	<0.1	0.6	4.0	<0.2	32	822	47	-10	26		
95	J056	<1	<0.05	4.2	0.6	73.8	<0.1	0.2	3.0	<0.2	69	1002	41	-10	59		
96	J057	1	<0.05	17.0	0.4	22.6	<0.1	0.6	5.5	0.4	72	1204	36	-10	60		
97	J058	7	0.05	48.0	0.4	14.8	<0.1	0.6	7.0	0.8	28	134	68	-10	27		
98	J059	1	<0.05	8.8	0.2	1.2	<0.1	2.0	2.0	0.2	2	20	51	-10	2		
99	J060	2	0.05	8.8	0.2	3.2	<0.1	3.0	2.0	0.4	1	12	40	-10	2		
100	J061	<1	<0.05	8.2	0.4	1.6	0.3	3.8	2.0	0.2	3	-10	12	-10	3		
101	J062	1	<0.05	8.6	<0.2	162.0	<0.1	0.4	18.0	<0.2	315	1221	25	14	259		
102	J063	<1	0.05	6.4	0.4	23.4	<0.1	0.4	2.5	<0.2	76	1330	13	-10	76		
103	J064	2	<0.05	7.2	0.4	23.2	<0.1	0.8	4.5	0.4	30	147	26	-10	30		
104	J065	1	<0.05	2.8	1.2	56.8	<0.1	0.2	3.0	<0.2	61	502	37	-10	51		
105	J066	<1	<0.05	6.6	0.8	13.2	<0.1	0.6	5.5	<0.2	24	190	28	-10	22		
106	J067	2	<0.05	4.4	1.2	35.0	<0.1	0.2	10.0	<0.2	34	1502	64	-10	31		
107	NA 00	67	0.10	54.2	2.8	11.2	<0.1	1.0	24.0	1.0	4	97	95	27	7		
108	NA 01N	27	0.10	23.6	1.0	5.6	<0.1	0.8	14.5	0.4	7	46	82	15	5		
109	NA 02N	7	0.05	13.2	0.4	4.8	<0.1	0.6	3.5	0.4	3	269	11	-10	7		
110	NA 03N	<1	<0.05	4.8	0.2	12.8	<0.1	1.0	2.5	<0.2	3	32	12	-10	6		
111	NA 04N	20	0.10	27.6	1.2	22.6	<0.1	1.8	7.5	<0.2	5	116	36	-10	7		
112	NA 01S	13	0.05	13.0	0.8	9.4	<0.1	1.6	10.5	<0.2	2	26	21	-10	5		
113	NA 02S	15	<0.05	29.6	0.4	43.6	<0.1	3.4	5.5	<0.2	3	32	15	-10	6		
114	NA 03S	6	<0.05	7.4	0.4	134.0	<0.1	3.0	6.0	<0.2	18	124	55	-10	18		
115	NA 04S	8	0.05	3.6	0.4	99.4	<0.1	0.8	6.5	<0.2	111	445	39	-10	107		
116	NA 05S	4	0.05	12.2	0.8	82.2	<0.1	1.6	17.5	<0.2	132	2376	24	-10	137		
117	NA 06S	1	<0.05	6.2	0.2	70.6	<0.1	0.6	10.0	<0.2	88	596	29	-10	89		
118	NA 07S	<1	<0.05	1.8	0.2	13.4	<0.1	0.2	4.0	<0.2	124	1161	7	-10	118		
119	NA 08S	2	<0.05	3.2	0.2	21.4	<0.1	0.4	7.0	<0.2	160	2128	17	-10	152		
120	NA 09S	8	<0.05	15.2	0.2	14.0	<0.1	1.2	8.0	<0.2	28	495	20	-10	36		

NIPA Area

Ser. No.	Sample No.	CHEMEX DATA										PETROLAB DATA				
		Au ppb	Ag ppm	As ppm	Bi ppm	Cu ppm	Hg ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Mn ppm	Cu ppm	Pb ppm	Zn ppm	
121	NA 10S	2	<0.05	4.4	0.4	20.0	<0.1	0.6	11.5	<0.2	33	753	16	-10	35	
122	NA 11S	4	<0.05	5.2	0.4	52.4	<0.1	0.8	12.5	<0.2	36	217	12	-10	38	
123	NA 12S	3	<0.05	28.8	<0.2	29.8	<0.1	0.6	32.5	<0.2	194	1008	49	24	220	
124	NA 13S	3	0.05	6.6	0.2	21.6	0.1	0.4	8.0	<0.2	47	654	53	-10	49	
125	NA 14S	7	0.05	11.6	0.6	19.0	0.1	1.0	12.5	<0.2	26	712	11	-10	27	
126	NA 15S	12	<0.05	11.4	0.6	34.8	<0.1	0.8	12.0	<0.2	47	1769	180	-10	41	
127	NA 16S	6	0.05	11.2	0.6	19.6	<0.1	1.4	22.5	<0.2	37	1790	35	15	35	
128	NA 17S	5	<0.05	9.2	0.4	11.2	<0.1	0.8	9.5	<0.2	33	862	61	10	27	
129	NA 18S	14	0.05	7.0	0.4	15.0	0.1	0.6	19.0	<0.2	22	561	44	15	25	
130	NB 00	25	0.05	11.4	0.6	9.0	<0.1	1.2	5.5	<0.2	7	351	49	-10	11	
131	NB 01N	4	0.25	8.8	0.2	24.0	<0.1	1.6	3.5	<0.2	27	378	12	-10	31	
132	NB 02N	15	0.15	44.0	1.6	31.2	0.2	2.6	10.0	0.8	4	68	17	-10	7	
133	NB 03N	10	0.15	22.0	0.8	49.4	0.1	1.2	7.0	<0.2	11	81	15	-10	16	
134	NB 04N	10	0.10	9.8	0.4	21.8	0.2	1.0	7.0	<0.2	18	163	15	-10	25	
135	NB 05N	14	0.10	11.0	0.2	30.6	0.2	0.6	14.0	<0.2	16	205	20	-10	24	
136	NB 06N	8	0.10	15.0	0.2	44.4	0.1	0.4	26.0	<0.2	44	775	18	18	48	
137	NB 07N	6	0.20	9.8	0.2	44.4	<0.1	0.6	19.5	<0.2	21	384	30	15	31	
138	NB 08N	6	0.10	4.4	0.4	81.0	<0.1	4.0	6.0	<0.2	20	215	22	-10	24	
139	NB 09N	4	0.05	3.2	<0.2	25.8	<0.1	2.0	4.0	<0.2	13	754	14	-10	16	
140	NB 01S	14	<0.05	11.2	0.4	15.6	0.1	2.8	4.5	<0.2	9	366	73	-10	14	
141	NB 02S	11	<0.05	6.2	0.4	20.2	0.1	2.6	4.5	<0.2	5	86	110	-10	8	
142	NB 03S	11	<0.05	9.6	0.4	9.0	0.1	1.0	5.0	<0.2	10	411	103	-10	14	
143	NB 04S	9	<0.05	7.4	0.2	6.4	0.2	1.0	4.5	<0.2	7	379	30	-10	14	
144	NB 05S	12	<0.05	7.4	0.4	6.6	<0.1	1.4	7.0	<0.2	10	675	15	-10	15	
145	NB 06S	9	<0.05	6.2	0.4	8.0	0.1	1.0	6.5	<0.2	12	649	10	-10	15	
146	NB 07S	8	0.05	6.4	0.4	15.8	0.2	0.6	7.5	<0.2	23	931	16	-10	26	
147	NB 08S	5	0.05	3.2	<0.2	11.2	0.2	0.2	5.5	<0.2	42	817	38	-10	43	
148	NB 09S	2	<0.05	4.2	<0.2	8.6	0.1	0.2	5.0	<0.2	39	919	47	-10	38	
149	NB 10S	2	0.05	3.4	0.2	8.8	<0.1	0.2	6.0	<0.2	46	743	38	-10	39	
150	NB 11S	1	<0.05	4.4	0.4	4.8	<0.1	0.4	8.5	<0.2	35	688	87	-10	30	

NIPA Area

Ser. No.	Sample No.	CHEMEX DATA										PETROLAB DATA					
		Au ppb	Ag ppm	As ppm	Bi ppm	Cu ppm	Hg ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Mn ppm	Cu ppm	Pb ppm	Zn ppm		
151	NB 12S	2	<0.05	4.4	0.4	7.6	<0.1	0.6	10.0	<0.2	28	1174	10	-10	29		
152	NB 13S	6	<0.05	5.4	0.6	12.4	<0.1	0.8	9.5	<0.2	21	751	121	-10	23		
153	NB 14S	9	0.05	7.0	0.6	11.8	<0.1	0.8	13.0	<0.2	25	1319	111	-10	26		
154	NB 15S	7	<0.05	7.0	0.8	14.4	<0.1	1.0	13.0	<0.2	29	1093	110	-10	27		
155	NB 16S	9	<0.05	7.0	0.6	9.2	0.1	0.8	12.0	<0.2	20	1293	120	-10	22		
156	NB 17S	10	0.05	8.2	0.4	11.2	<0.1	0.6	7.0	<0.2	19	736	102	-10	20		
157	NB 18S	8	<0.05	18.4	0.6	6.4	<0.1	0.4	6.5	<0.2	13	1015	65	-10	15		
158	NB 19S	16	0.05	10.8	0.8	17.8	<0.1	1.8	6.5	<0.2	10	355	81	-10	11		
159	NC 00	2	<0.05	7.8	0.4	30.4	<0.1	0.8	3.0	<0.2	47	310	48	-10	45		
160	NC 01N	3	0.05	4.4	0.2	37.2	0.2	1.8	3.5	<0.2	34	430	22	-10	32		
161	NC 02N	7	0.05	1.0	0.2	18.0	<0.1	2.2	2.5	<0.2	8	156	22	-10	13		
162	NC 03N	2	<0.05	2.2	0.2	4.4	<0.1	0.8	1.0	<0.2	10	68	23	-10	4		
163	NC 04N	6	0.05	6.8	0.2	38.4	<0.1	4.8	2.5	<0.2	7	127	49	-10	11		
164	NC 05N	12	0.05	9.8	0.4	143.0	<0.1	8.0	6.0	<0.2	21	145	32	-10	24		
165	NC 06N	21	0.25	14.0	0.4	89.4	<0.1	3.8	7.0	<0.2	38	785	68	-10	41		
166	NC 07N	16	0.15	24.2	1.0	24.4	<0.1	1.0	4.0	<0.2	5	54	34	-10	7		
167	NC 01S	14	0.10	0.6	0.4	39.6	<0.1	1.2	8.0	<0.2	27	499	49	-10	30		
168	NC 02S	35	0.40	14.0	0.6	35.0	<0.1	0.8	6.5	<0.2	24	1303	45	-10	29		
169	NC 03S	6	0.05	11.0	0.4	67.0	<0.1	1.2	7.5	<0.2	70	1851	79	-10	70		
170	NC 04S	12	<0.05	6.2	0.2	16.8	<0.1	1.6	3.5	<0.2	18	458	25	-10	17		
171	NC 05S	14	<0.05	10.0	0.4	40.2	0.1	1.4	7.0	<0.2	30	214	48	-10	31		
172	NC 06S	1	<0.05	2.6	0.2	19.0	0.1	0.2	4.0	<0.2	42	300	29	-10	46		
173	NC 07S	1	<0.05	5.0	0.2	47.6	<0.1	0.4	8.5	<0.2	56	236	60	-10	61		
174	NC 08S	2	0.10	4.6	<0.2	13.6	<0.1	0.6	9.0	<0.2	45	522	20	-10	48		
175	NC 09S	7	0.05	4.6	0.4	13.8	<0.1	0.8	8.5	<0.2	21	703	24	-10	30		
176	NC 10S	3	0.05	6.4	0.2	10.2	<0.1	0.6	10.0	<0.2	42	818	17	-10	49		
177	NC 11S	5	0.05	5.2	0.4	16.4	<0.1	0.8	4.5	<0.2	24	511	25	-10	27		
178	NC 12S	4	0.05	6.8	0.2	28.2	<0.1	1.2	13.0	<0.2	33	2036	34	-10	31		
179	NC 13S	3	0.05	4.0	0.4	9.0	0.2	0.4	7.0	<0.2	30	626	14	-10	29		
180	NC 14S	6	0.05	9.6	0.6	7.4	<0.1	0.6	10.0	<0.2	21	593	11	-10	21		

NIPA Area

Ser. No.	Sample No.	CHEMEX DATA										PETROLAB DATA									
		Au ppb	Ag ppm	As ppm	Bi ppm	Cu ppm	Hg ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Mn ppm	Cu ppm	Pb ppm	Zn ppm	Mn ppm	Cu ppm	Pb ppm	Zn ppm		
181	ND 00	6	0.10	4.0	0.2	49.8	0.2	1.4	34.0	<0.2	51	1741	63	26	53						
182	ND 01N	1	<0.05	3.0	<0.2	12.6	0.1	0.4	3.0	<0.2	26	384	21	-10	32						
183	ND 02N	4	<0.05	7.0	0.6	27.6	<0.1	2.0	7.0	<0.2	34	270	35	-10	36						
184	ND 03N	6	<0.05	4.4	0.2	9.0	0.1	1.4	2.5	<0.2	4	83	16	-10	8						
185	ND 04N	4	<0.05	3.6	<0.2	10.6	0.2	2.2	2.0	<0.2	4	1331	243	-10	241						
186	ND 05N	14	0.10	11.0	0.4	63.4	0.1	4.0	5.5	<0.2	30	499	68	-10	29						
187	ND 06N	5	0.05	4.6	0.2	14.8	<0.1	1.6	2.5	<0.2	8	234	18	-10	12						
188	ND 07N	3	<0.05	5.0	0.2	29.8	0.2	3.8	2.0	<0.2	3	35	39	-10	9						
189	ND 08N	10	0.05	10.0	0.4	85.2	<0.1	6.8	7.0	<0.2	12	121	95	-10	15						
190	ND 09N	23	0.05	9.4	0.4	152.0	0.1	18.6	10.0	<0.2	41	219	160	-10	37						
191	ND 10N	28	0.20	10.8	0.2	383	<0.1	8.6	7.0	<0.2	50	376	371	-10	47						
192	ND 01S	2	0.05	3.6	0.2	9.6	0.3	0.8	8.0	<0.2	28	773	14	-10	37						
193	ND 02S	4	<0.05	2.6	0.2	6.2	0.2	1.0	8.0	<0.2	24	1226	12	-10	31						
194	ND 03S	4	<0.05	6.4	0.2	12.4	0.3	1.0	3.5	<0.2	22	1268	238	-10	243						
195	ND 04S	<1	<0.05	1.0	<0.2	237	<0.1	<0.2	2.0	<0.2	262	45	13	-10	7						
196	ND 05S	11	0.15	7.4	0.2	166.5	<0.1	3.8	51.0	<0.2	436	1687	156	44	381						
197	ND 06S	10	0.10	11.8	0.2	49.4	<0.1	2.8	73.5	<0.2	263	1149	49	66	255						
198	ND 07S	8	0.05	10.8	0.2	27.8	<0.1	0.8	27.5	<0.2	306	1326	28	14	265						
199	ND 08S	21	0.15	17.0	<0.2	110.0	<0.1	2.0	90.0	<0.2	230	1520	103	83	205						
200	ND 09S	6	0.20	9.4	<0.2	68.0	<0.1	1.0	50.5	<0.2	176	758	65	40	154						
201	ND 10S	10	0.10	5.2	0.2	91.6	<0.1	1.2	68.0	<0.2	204	437	96	61	189						
202	ND 11S	3	0.05	2.6	0.2	20.2	<0.1	0.2	4.0	<0.2	49	458	22	-10	43						
203	ND 12S	16	0.15	7.2	<0.2	101.5	0.2	7.4	113.5	<0.2	124	278	121	115	144						
204	ND 13S	7	0.05	1.0	<0.2	16.2	<0.1	0.4	6.5	<0.2	52	170	19	-10	57						
205	ND 14S	4	0.05	2.0	<0.2	26.2	<0.1	0.6	9.5	<0.2	107	213	30	-10	120						
206	ND 15S	3	0.05	1.8	0.2	43.0	<0.1	1.0	20.5	<0.2	109	257	45	15	106						
207	NE 00	7	<0.05	5.2	0.4	107.0	<0.1	7.2	3.0	<0.2	40	123	122	-10	45						
208	NE 01N	16	0.05	8.0	0.2	27.2	<0.1	3.0	3.0	<0.2	8	169	31	-10	10						
209	NE 02N	5	0.05	9.2	0.8	14.0	<0.1	1.6	5.0	<0.2	17	633	17	-10	18						
210	NE 03N	8	0.10	15.4	0.8	25.0	<0.1	2.4	4.5	<0.2	14	177	31	-10	15						

NIPA Area

Ser. No.	Sample No.	CHEMEX DATA										PETROLAB DATA					
		Au ppb	Ag ppm	As ppm	Bi ppm	Cu ppm	Hg ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Mn ppm	Cu ppm	Pb ppm	Zn ppm		
211	NE 04N	<1	0.05	2.8	0.2	37.8	0.1	0.6	2.0	<0.2	80	772	40	-10	67		
212	NE 05N	<1	0.05	3.4	0.2	70.4	<0.1	0.6	2.5	<0.2	83	807	73	-10	71		
213	NE 06N	1	<0.05	3.8	0.2	29.8	<0.1	1.8	3.0	<0.2	20	67	37	-10	21		
214	NE 07N	<1	0.05	2.0	0.2	13.6	<0.1	1.2	2.5	<0.2	9	259	18	-10	11		
215	NE 08N	4	0.05	5.6	0.2	56.0	<0.1	6.0	13.0	<0.2	11	231	68	-10	12		
216	NE 09N	2	0.05	3.2	0.2	20.2	<0.1	2.2	4.5	<0.2	14	395	25	-10	15		
217	NE 10N	6	0.05	3.0	0.4	49.8	<0.1	5.2	7.0	<0.2	15	179	57	-10	16		
218	NE 01S	7	0.10	8.2	0.4	78.2	<0.1	4.0	16.0	<0.2	205	925	79	-10	179		
219	NE 02S	7	0.10	12.0	0.4	135.5	<0.1	2.2	17.5	<0.2	77	1092	134	-10	68		
220	NE 03S	4	0.15	7.2	0.4	55.8	<0.1	1.6	18.5	<0.2	224	2191	64	-10	185		
221	NE 04S	5	0.25	7.0	0.4	116.5	<0.1	2.2	15.0	<0.2	160	1484	104	-10	122		
222	NE 05S	3	0.10	4.6	0.2	88.2	<0.1	1.0	12.0	<0.2	174	1424	81	-10	149		
223	NE 06S	4	0.05	3.2	0.2	45.0	<0.1	1.0	12.0	<0.2	168	1219	47	-10	96		
224	NE 07S	4	0.05	1.4	<0.2	23.0	<0.1	0.4	8.0	<0.2	74	1000	24	-10	63		
225	NE 08S	8	0.25	3.0	1.6	120.5	<0.1	1.6	12.5	<0.2	45	1523	114	-10	37		
226	NE 09S	5	0.20	3.6	0.2	47.2	<0.1	1.2	21.0	<0.2	61	958	49	15	54		
227	NE 10S	3	0.05	2.2	<0.2	16.2	0.1	0.8	12.0	<0.2	40	767	18	-10	37		
228	NF 00	2	0.10	4.0	0.2	98.8	0.1	1.0	8.5	<0.2	258	1451	97	-10	214		
229	NF 01N	5	0.05	16.0	<0.2	77.6	0.2	0.6	17.5	<0.2	359	1581	76	-10	287		
230	NF 02N	<1	0.05	3.2	<0.2	41.4	0.2	0.8	9.5	<0.2	124	1229	43	-10	105		
231	NF 03N	2	0.15	3.8	0.2	58.6	<0.1	1.8	9.5	<0.2	158	1158	62	-10	132		
232	NF 04N	2	0.05	2.4	<0.2	49.6	<0.1	0.6	8.0	<0.2	127	1038	49	-10	95		
233	NF 05N	<1	0.10	3.2	<0.2	35.2	0.2	0.6	6.0	<0.2	91	865	37	-10	78		
234	NF 06N	2	0.05	3.4	0.2	30.2	0.3	2.0	29.5	<0.2	143	1048	30	23	115		
235	NF 07N	3	0.05	3.2	0.4	70.4	0.1	2.4	13.5	<0.2	47	636	78	-10	46		
236	NF 08N	4	0.30	3.0	0.4	61.0	0.2	2.4	7.5	<0.2	28	640	71	-10	26		
237	NF 09N	3	0.05	3.4	0.4	25.2	<0.1	2.0	4.5	<0.2	13	238	32	-10	15		
238	NF 10N	2	0.05	2.6	0.2	45.6	0.1	2.2	3.0	<0.2	15	248	55	-10	14		
239	NF 01S	3	<0.05	14.0	0.2	37.2	0.1	2.0	4.5	<0.2	208	1757	42	-10	181		
240	NF 02S	3	<0.05	4.0	0.2	44.2	<0.1	1.4	10.5	<0.2	101	870	45	-10	93		

NIPA Area

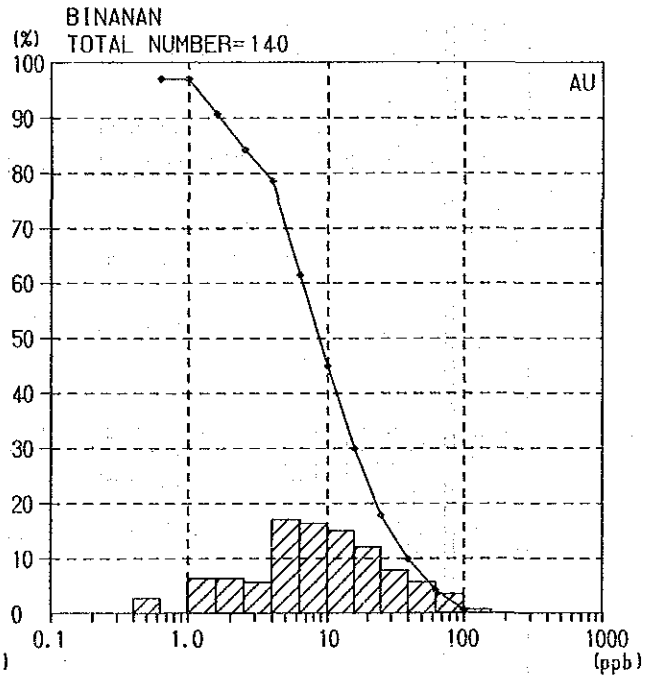
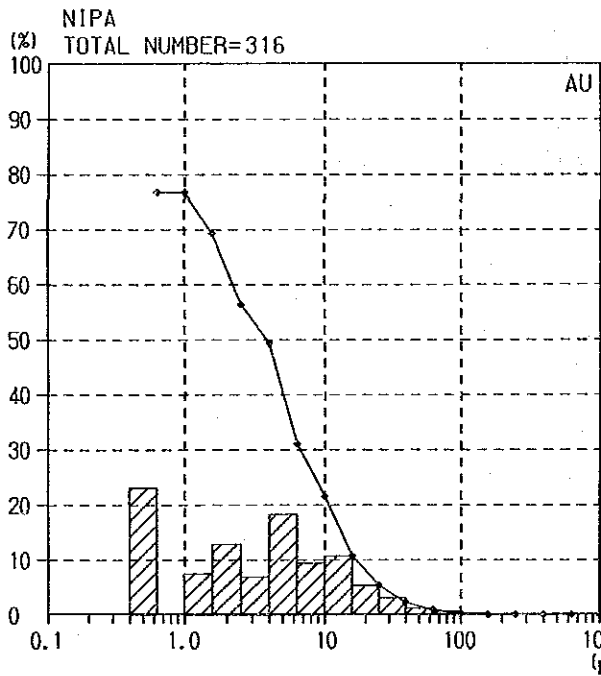
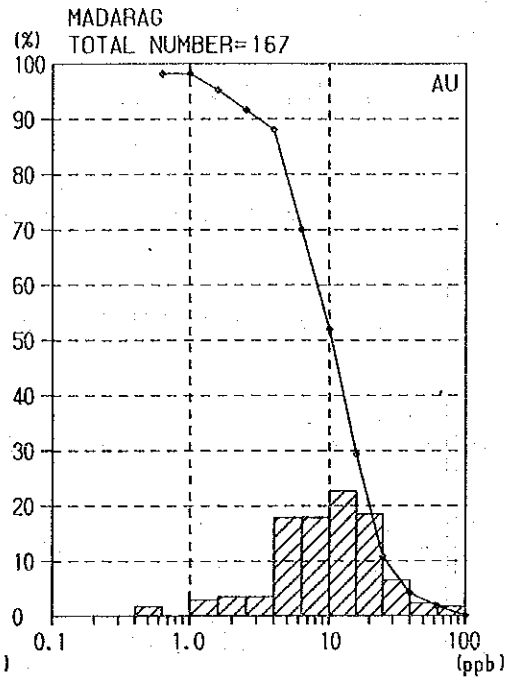
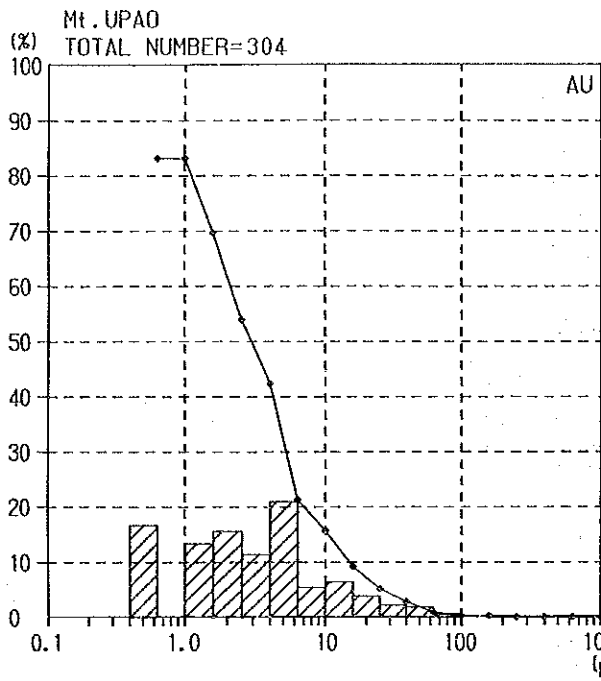
Ser. No.	Sample No.	CHEMEX DATA										PETROLAB DATA					
		Au ppb	Ag ppm	As ppm	Bi ppm	Cu ppm	Hg ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Mn ppm	Cu ppm	Pb ppm	Zn ppm		
241	NF 03S	2	<0.05	6.0	<0.2	34.6	0.1	0.4	37.0	<0.2	163	1454	36	26	130		
242	NF 04S	<1	<0.05	2.0	0.2	10.8	<0.1	<0.2	4.5	<0.2	146	1034	11	-10	113		
243	NF 05S	2	<0.05	1.6	0.2	66.4	<0.1	0.2	9.0	<0.2	176	1617	65	-10	144		
244	NF 06S	6	0.05	3.8	0.2	186.0	0.1	2.0	13.0	<0.2	175	1221	189	-10	152		
245	NF 07S	2	0.10	1.0	<0.2	96.8	<0.1	1.4	29.0	<0.2	129	843	104	20	115		
246	NF 08S	4	0.10	3.0	0.2	117.0	0.1	2.0	15.0	<0.2	135	1204	124	-10	114		
247	NF 09S	10	0.10	2.4	<0.2	125.5	<0.1	2.4	7.5	<0.2	147	1432	129	-10	124		
248	NF 10S	9	0.10	2.0	<0.2	83.8	<0.1	0.6	31.5	<0.2	262	1210	83	19	216		
249	NF 11S	4	0.10	4.6	<0.2	82.0	<0.1	1.2	28.0	<0.2	191	1091	81	18	157		
250	NF 12S	5	0.10	6.8	<0.2	80.6	<0.1	1.4	27.0	<0.2	213	1233	84	18	182		
251	NF 13S	1	0.05	2.4	0.2	138.0	<0.1	0.4	5.0	<0.2	123	1510	132	-10	128		
252	NF 14S	<1	0.05	1.0	<0.2	37.4	<0.1	0.2	2.5	<0.2	96	684	44	-10	86		
253	NF 15S	11	0.05	10.0	<0.2	349	<0.1	2.8	52.0	<0.2	599	1655	327	41	534		
254	NF 16S	19	0.25	23.4	<0.2	188.0	<0.1	3.0	67.5	<0.2	204	708	203	60	190		
255	NF 17S	20	0.20	6.8	<0.2	40.6	0.1	0.8	44.0	<0.2	131	2104	45	39	124		
256	NF 18S	14	0.35	9.4	0.2	119.0	<0.1	2.2	74.5	<0.2	202	1506	127	70	176		
257	NG 00	<1	0.05	0.2	<0.2	199.0	<0.1	0.4	4.5	<0.2	192	1775	186	-10	143		
258	NG 01N	<1	0.05	0.8	<0.2	67.6	0.1	0.6	3.0	<0.2	117	1452	68	-10	96		
259	NG 02N	<1	<0.05	1.2	<0.2	33.2	0.3	1.2	1.5	<0.2	96	1151	36	-10	77		
260	NG 03N	2	0.10	2.6	<0.2	142.0	0.1	1.2	5.5	<0.2	179	1331	119	-10	128		
261	NG 04N	4	0.05	8.0	0.2	76.0	0.1	2.0	32.5	<0.2	252	1413	73	20	221		
262	NG 05N	<1	0.05	0.4	<0.2	34.4	<0.1	0.4	5.0	<0.2	143	1273	38	-10	122		
263	NG 06N	2	0.05	1.8	<0.2	40.4	0.1	0.4	4.0	<0.2	195	1345	42	-10	152		
264	NG 07N	1	0.05	1.0	<0.2	24.8	0.1	1.0	7.0	<0.2	93	828	28	-10	83		
265	NG 08N	2	<0.05	2.2	<0.2	64.2	<0.1	1.4	5.5	<0.2	122	782	70	-10	104		
266	NG 09N	<1	<0.05	1.4	<0.2	18.8	<0.1	0.8	4.5	<0.2	20	662	22	-10	18		
267	NG 10N	2	<0.05	2.0	<0.2	12.6	0.1	1.4	4.5	<0.2	11	276	19	-10	13		
268	NG 01S	<1	0.05	0.8	<0.2	28.4	<0.1	0.6	2.5	<0.2	55	819	32	-10	46		
269	NG 02S	2	0.05	3.8	<0.2	42.0	0.1	1.2	2.5	<0.2	56	1055	47	-10	48		
270	NG 03S	1	0.05	2.2	<0.2	40.0	<0.1	0.6	4.0	<0.2	83	898	46	-10	71		

NIPA Area

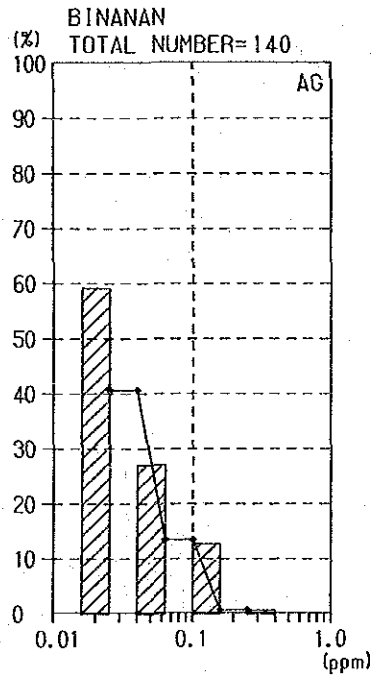
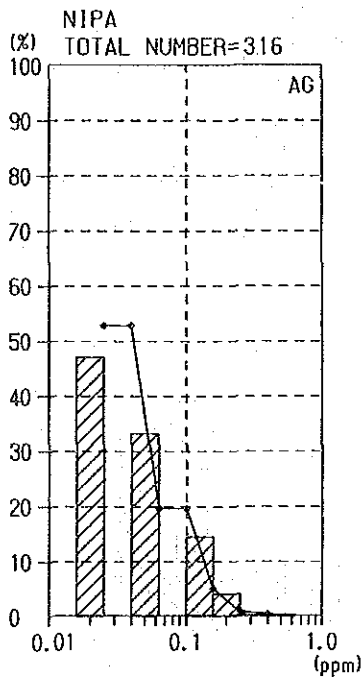
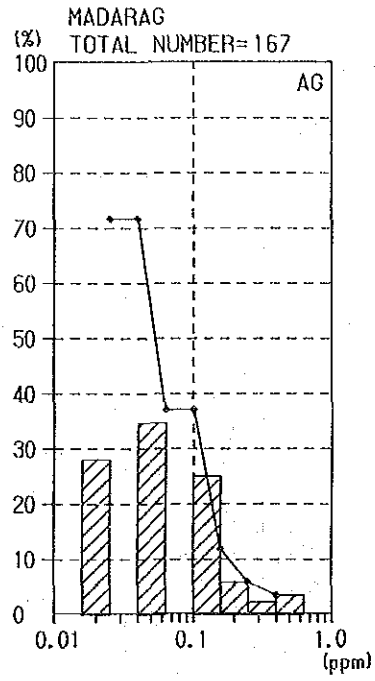
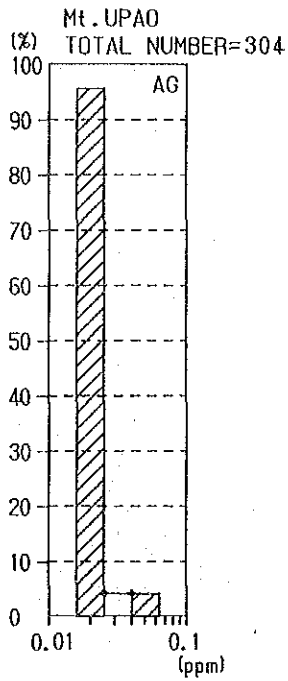
Ser. No.	Sample No.	CHEMEX DATA										PETROLAB DATA									
		Au ppb	Ag ppm	As ppm	Bi ppm	Cu ppm	Hg ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Mn ppm	Cu ppm	Pb ppm	Zn ppm						
271	NG 04S	1	0.05	4.4	<0.2	39.4	<0.1	0.6	4.5	<0.2	89	753	44	-10	76						
272	NH 00	<1	<0.05	7.2	<0.2	31.2	<0.1	0.6	2.0	<0.2	90	1305	30	-10	64						
273	NH 01N	3	0.05	4.4	<0.2	56.8	0.1	2.2	3.5	<0.2	135	1354	57	-10	107						
274	NH 02N	<1	<0.05	0.2	0.2	41.8	<0.1	0.6	1.5	<0.2	182	1736	43	-10	137						
275	NH 03N	1	0.05	1.8	<0.2	53.8	0.1	1.4	5.0	<0.2	123	1559	57	-10	99						
276	NH 04N	1	<0.05	1.0	<0.2	37.8	<0.1	3.0	1.5	<0.2	56	403	49	-10	57						
277	NH 05N	<1	<0.05	0.4	<0.2	7.6	<0.1	0.8	1.0	<0.2	90	555	10	-10	90						
278	NH 06N	<1	0.05	0.8	<0.2	44.4	0.1	3.4	2.0	<0.2	138	1036	43	-10	109						
279	NH 07N	<1	<0.05	2.6	<0.2	26.6	0.2	0.8	1.5	<0.2	109	938	30	-10	87						
280	NH 08N	1	<0.05	3.2	<0.2	64.2	<0.1	1.6	8.5	<0.2	145	2037	66	-10	120						
281	NH 09N	1	<0.05	4.4	<0.2	29.0	<0.1	1.4	3.5	<0.2	56	727	39	-10	58						
282	NH 10N	2	<0.05	1.8	<0.2	30.6	<0.1	1.4	5.5	<0.2	31	160	36	-10	30						
283	NH 01S	<1	0.05	0.6	<0.2	61.8	<0.1	1.2	2.5	<0.2	109	1030	59	-10	82						
284	NH 02S	<1	<0.05	1.2	<0.2	24.8	<0.1	0.8	2.0	<0.2	32	578	28	-10	28						
285	NJ 00	<1	<0.05	2.4	0.2	54.4	<0.1	2.4	3.0	<0.2	35	377	57	-10	29						
286	NJ 01N	<1	<0.05	1.6	0.2	9.4	0.1	0.8	3.0	<0.2	56	617	11	-10	46						
287	NJ 02N	<1	0.10	0.8	0.2	68.4	<0.1	0.4	4.0	<0.2	203	1808	70	-10	166						
288	NJ 03N	<1	<0.05	0.6	0.2	8.4	<0.1	1.0	0.5	<0.2	70	867	14	-10	60						
289	NJ 04N	<1	<0.05	0.8	<0.2	4.6	<0.1	0.4	3.5	<0.2	100	1054	9	-10	84						
290	NJ 05N	<1	<0.05	0.8	<0.2	7.2	<0.1	0.6	2.0	<0.2	79	1611	13	-10	69						
291	NJ 06N	<1	<0.05	0.8	0.2	5.8	0.1	0.2	1.5	<0.2	111	1999	11	-10	94						
292	NJ 07N	<1	<0.05	1.0	0.2	5.4	0.1	0.4	1.0	<0.2	98	1681	12	-10	90						
293	NJ 08N	<1	<0.05	0.6	0.2	7.2	<0.1	1.0	2.5	<0.2	103	1296	14	-10	98						
294	NJ 09N	<1	<0.05	1.0	<0.2	14.6	<0.1	0.6	1.5	<0.2	69	932	21	-10	64						
295	NJ 10N	6	0.05	12.8	0.2	67.8	<0.1	2.6	9.0	<0.2	58	498	77	12	53						
296	NJ 01S	<1	<0.05	1.6	<0.2	17.4	<0.1	2.0	1.5	<0.2	26	443	19	-10	20						
297	NJ 02S	<1	<0.05	1.4	<0.2	16.6	0.1	1.4	0.5	<0.2	13	297	23	-10	14						
298	NJ 03S	<1	<0.05	0.6	<0.2	4.8	0.1	0.8	0.5	<0.2	11	239	11	-10	13						
299	NJ 04S	<1	<0.05	0.8	<0.2	5.0	<0.1	0.6	<0.5	<0.2	11	225	11	-10	13						
300	NJ 05S	<1	<0.05	0.6	<0.2	5.0	<0.1	3.4	0.5	<0.2	16	221	11	-10	17						

NIPA Area

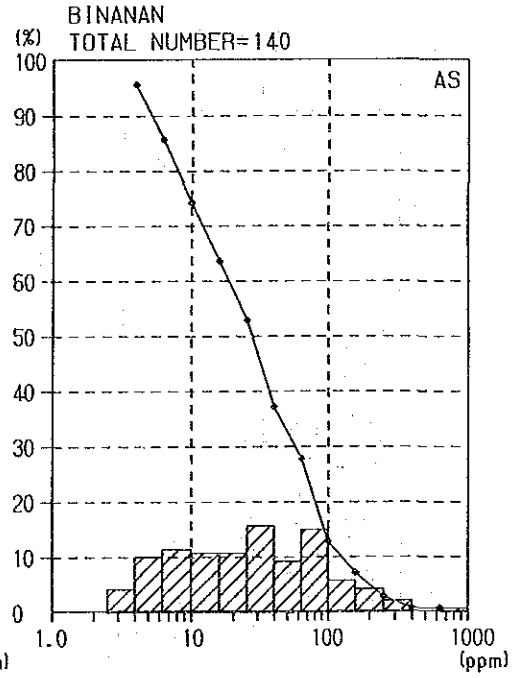
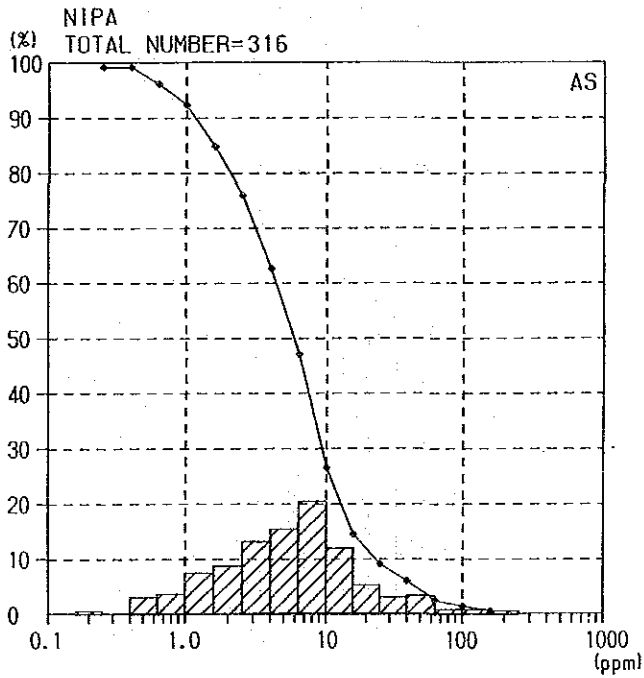
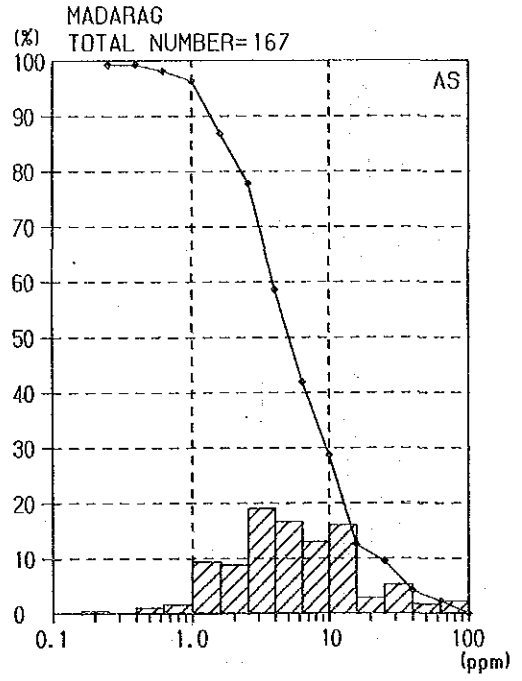
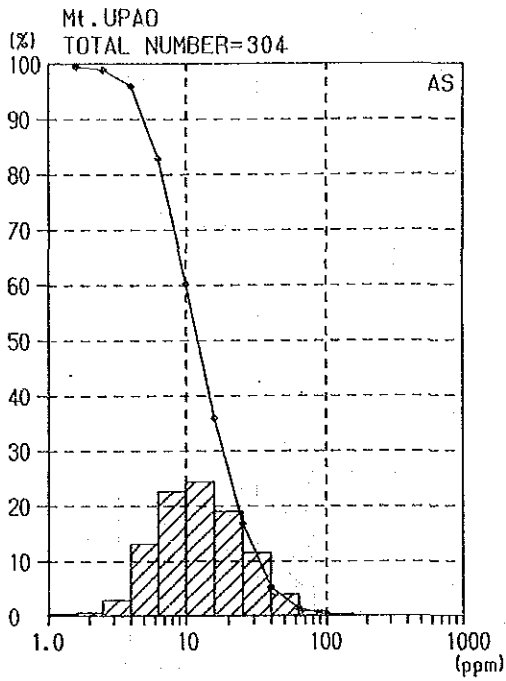
Ser. No.	Sample No.	CHEMEX DATA										PETROLAB DATA				
		Au ppb	Ag ppm	As ppm	Bi ppm	Cu ppm	Hg ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Mn ppm	Cu ppm	Pb ppm	Zn ppm	
301	NJ 06S	<1	<0.05	0.8	<0.2	1.6	<0.1	1.2	1.5	<0.2	17	233	7	-10	17	
302	NK 00	<1	<0.05	0.8	0.2	5.0	<0.1	1.2	1.5	<0.2	23	538	11	-10	23	
303	NK 01N	<1	<0.05	1.4	0.2	23.2	<0.1	2.0	3.0	<0.2	70	448	30	-10	59	
304	NK 02N	<1	<0.05	7.4	<0.2	6.2	<0.1	1.0	2.5	<0.2	44	328	12	-10	40	
305	NK 03N	<1	0.05	2.0	0.2	20.2	0.2	1.2	6.0	<0.2	96	410	27	-10	81	
306	NK 04N	<1	<0.05	1.2	0.2	13.2	0.2	1.0	2.5	<0.2	66	438	20	-10	60	
307	NK 05N	<1	<0.05	1.4	0.2	55.8	0.1	1.0	2.0	<0.2	78	704	62	-10	66	
308	NK 06N	1	<0.05	2.4	0.6	70.2	<0.1	5.8	1.5	<0.2	114	881	75	-10	98	
309	NK 07N	2	0.05	9.2	<0.2	50.6	0.1	2.0	6.5	<0.2	49	588	57	-10	48	
310	NK 08N	3	0.10	9.2	<0.2	42.8	<0.1	1.6	7.5	<0.2	42	513	52	10	41	
311	NK 09N	3	0.05	9.2	0.2	42.4	<0.1	1.8	8.0	<0.2	41	499	53	-10	42	
312	NK 10N	2	0.05	10.0	0.2	41.8	<0.1	2.0	7.0	<0.2	46	425	54	-10	41	
313	NK 01S	<1	<0.05	2.0	0.2	25.0	<0.1	2.4	1.5	<0.2	24	387	34	-10	24	
314	NK 02S	<1	<0.05	1.0	0.2	15.6	<0.1	1.4	1.0	<0.2	20	246	22	-10	14	
315	NK 03S	<1	<0.05	0.8	<0.2	4.2	<0.1	1.0	1.0	<0.2	11	254	11	-10	15	
316	NK 04S	<1	<0.05	1.4	0.2	13.2	<0.1	1.6	1.0	<0.2	9	175	20	-10	11	



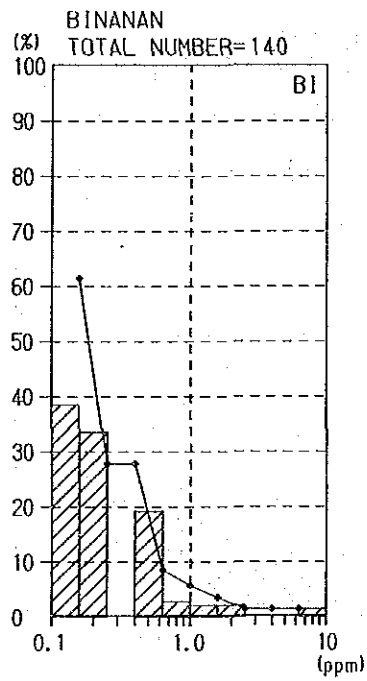
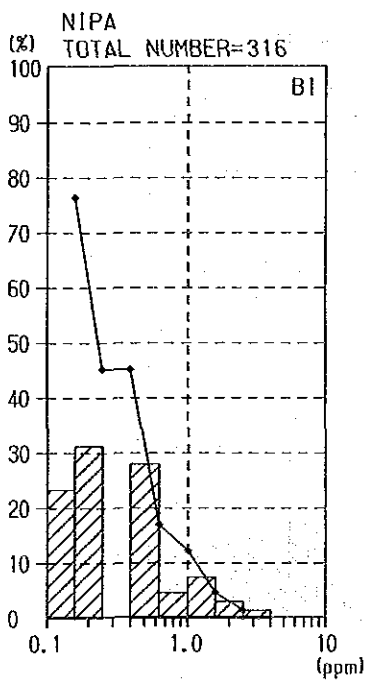
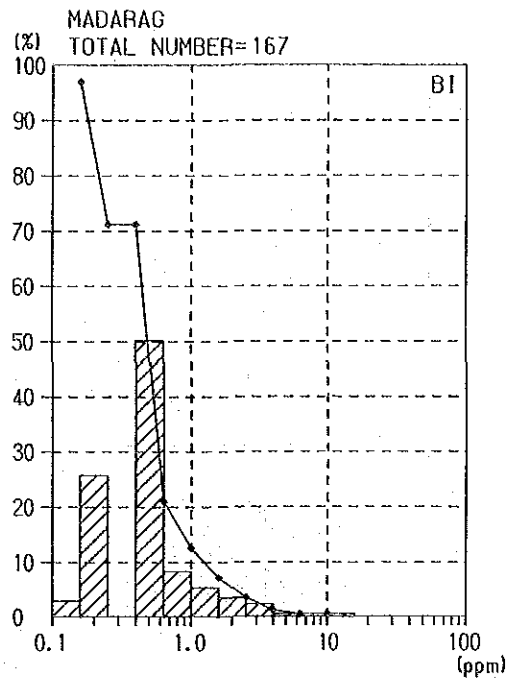
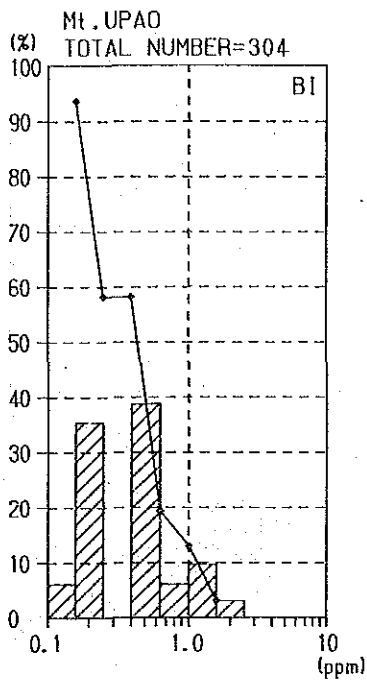
Apx. 2 Histogram and Cumulative Frequency of Au



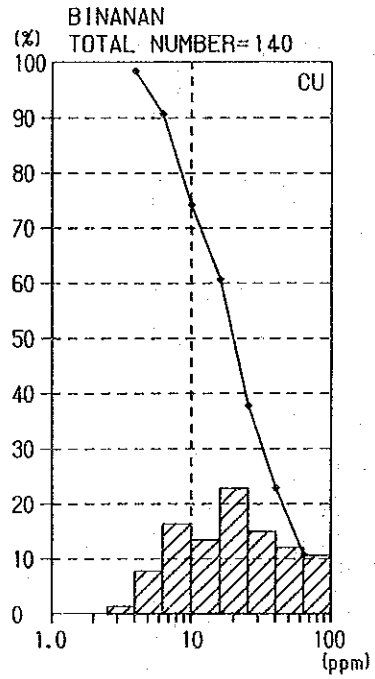
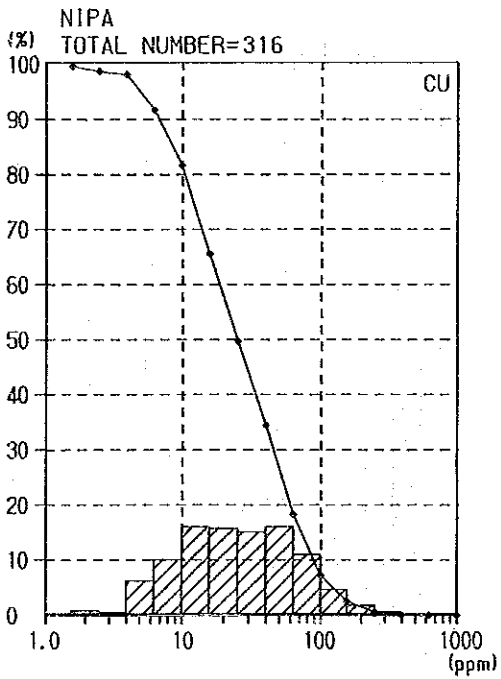
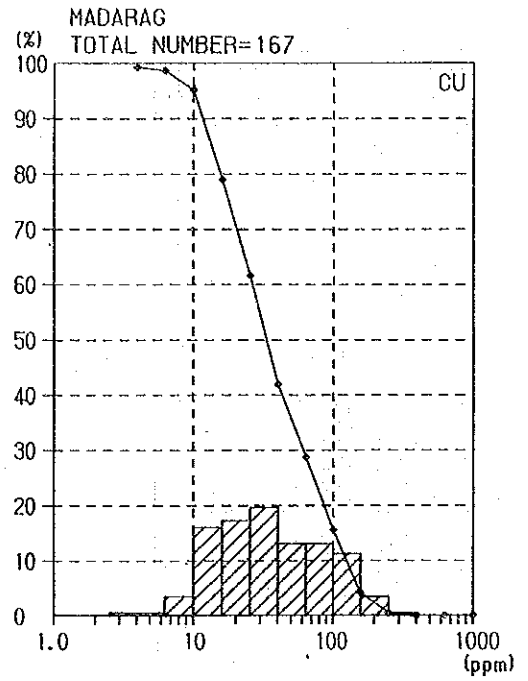
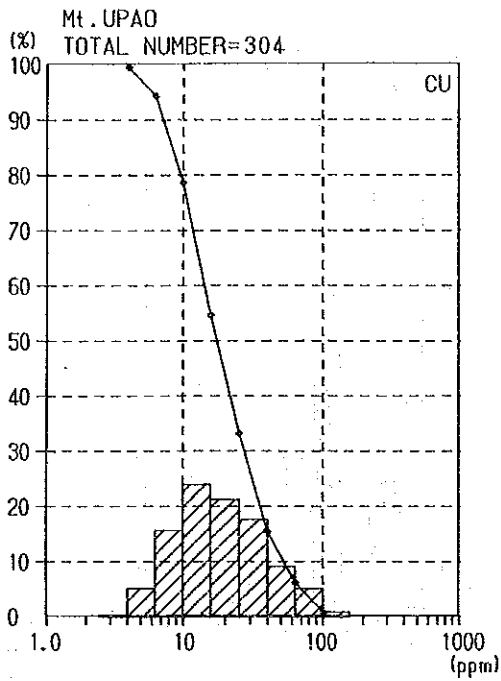
Apx. 3 Histogram and Cumulative Frequency of Ag



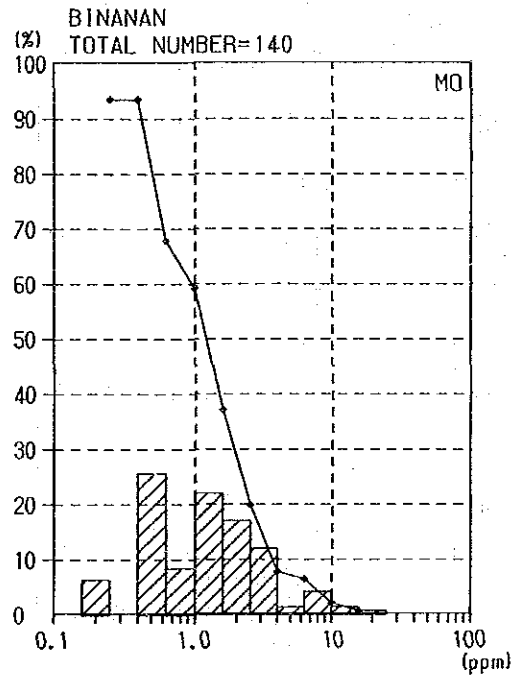
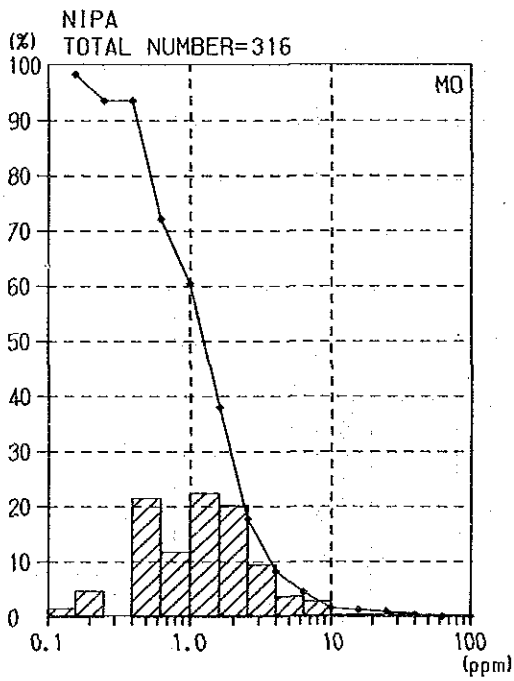
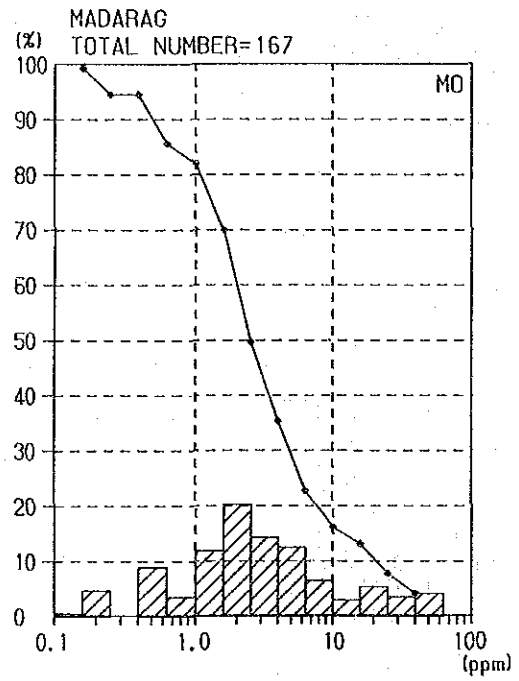
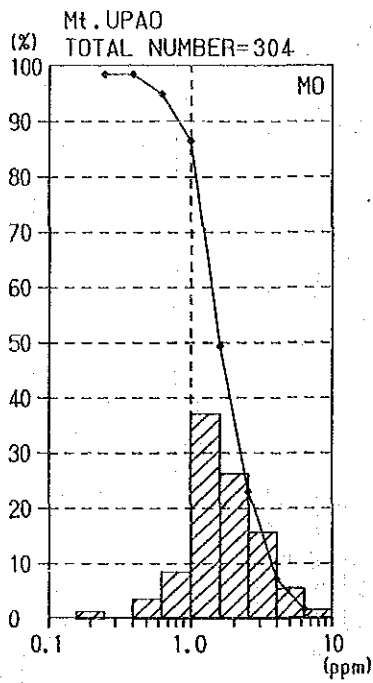
Apx. 4 Histogram and Cumulative Frequency of As



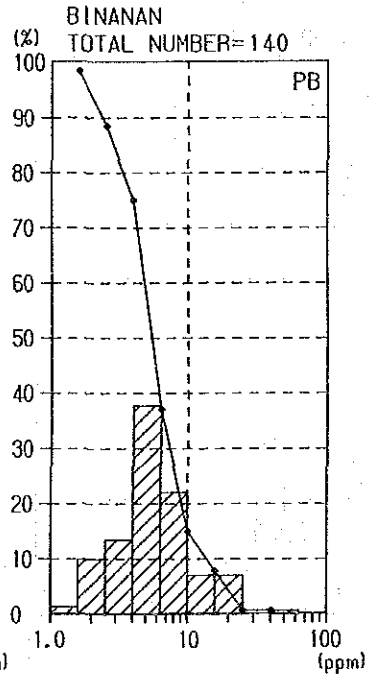
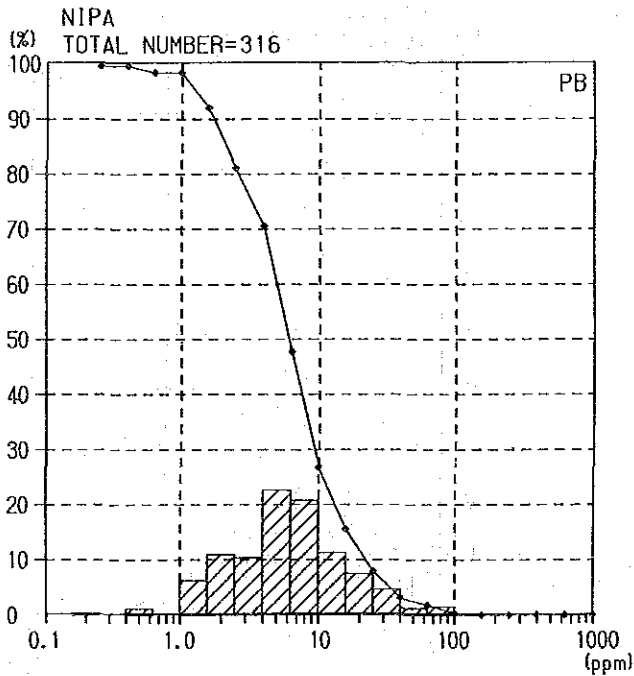
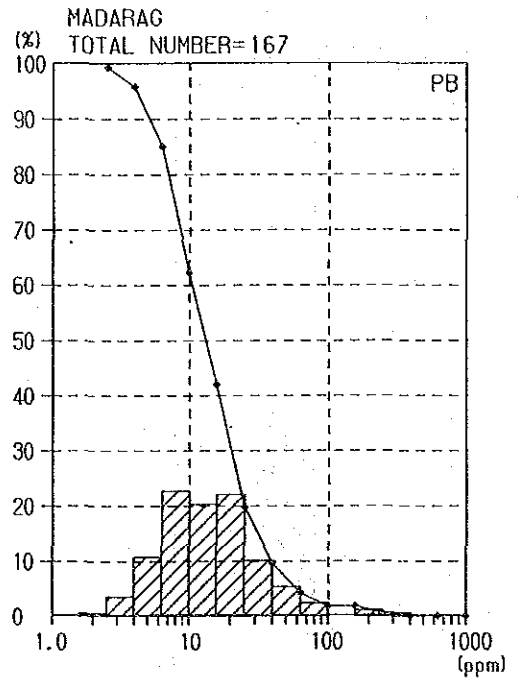
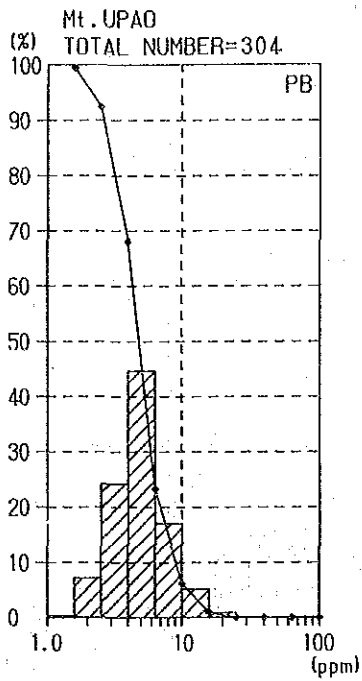
Apx. 5 Histogram and Cumulative Frequency of Bi



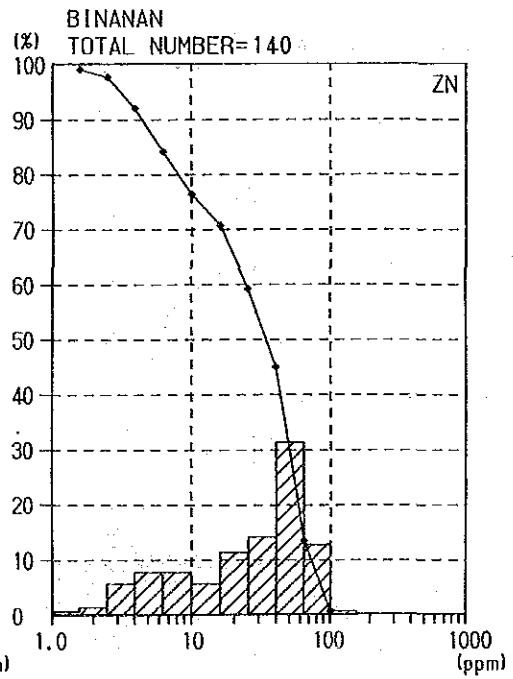
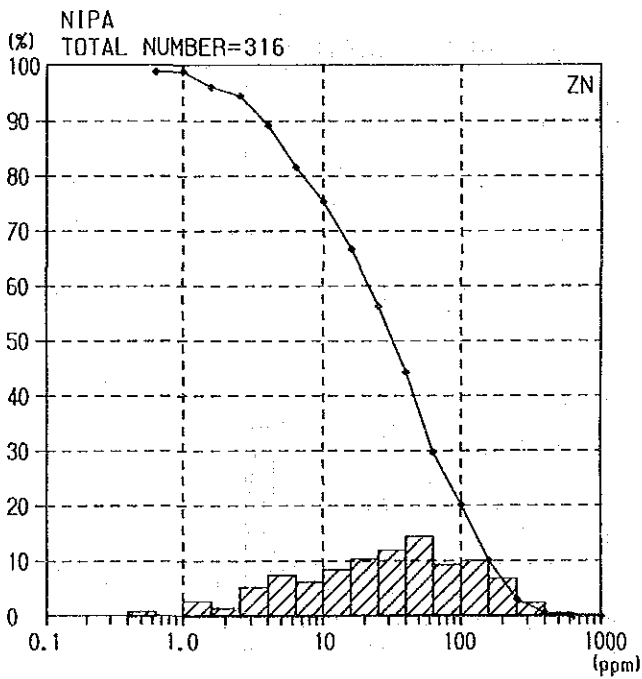
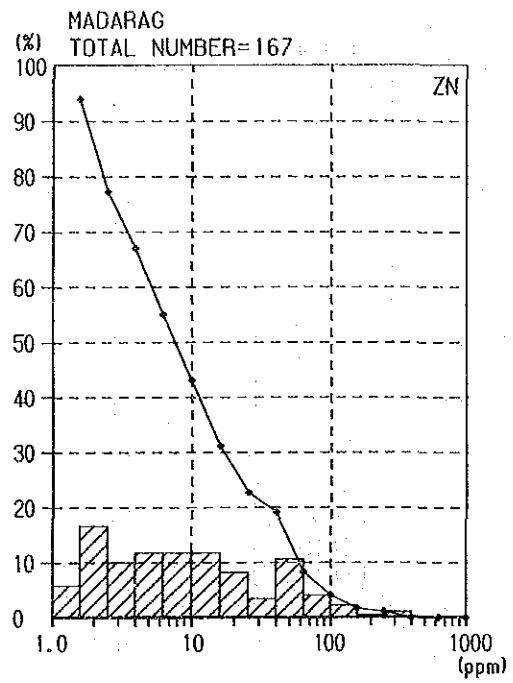
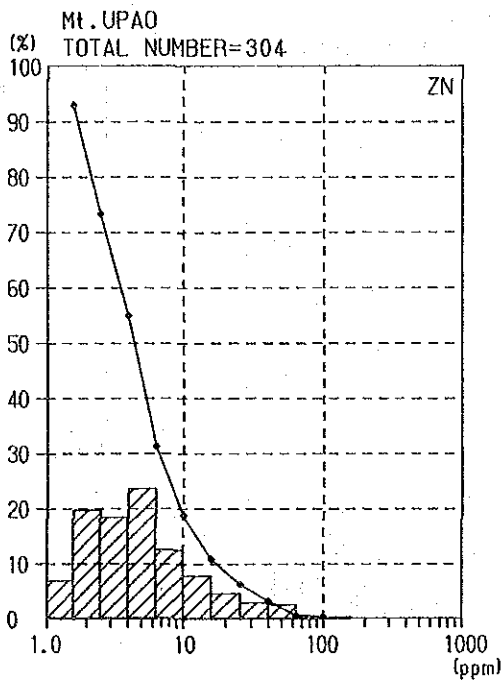
Apx. 6 Histogram and Cumulative Frequency of Cu



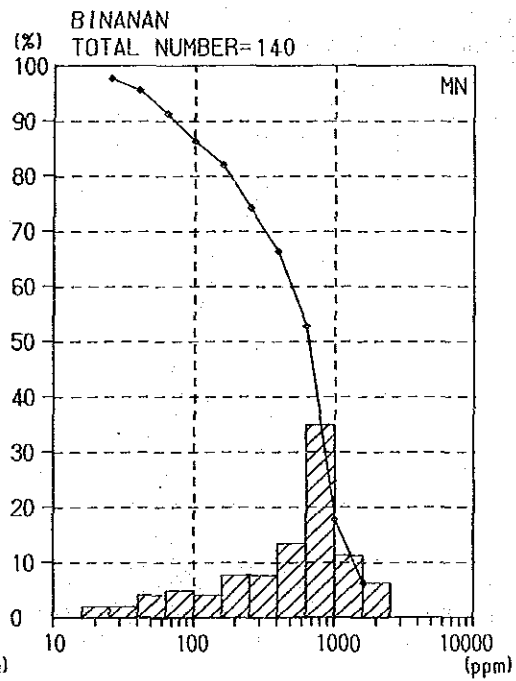
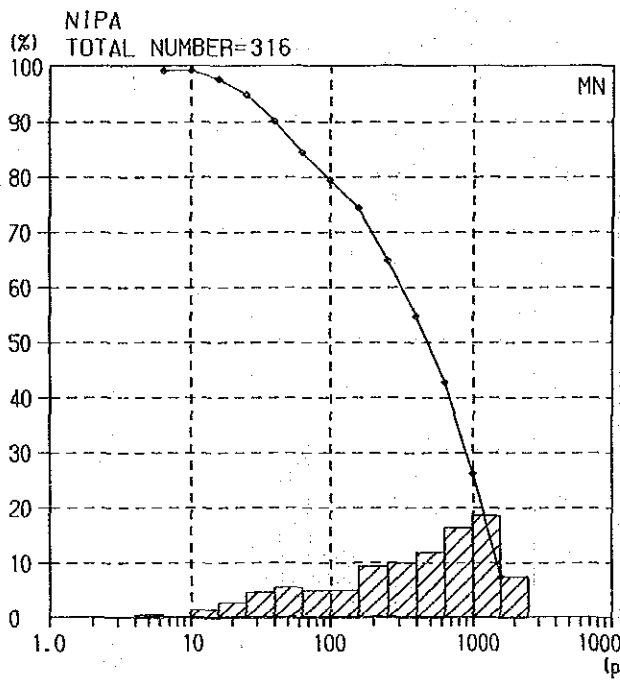
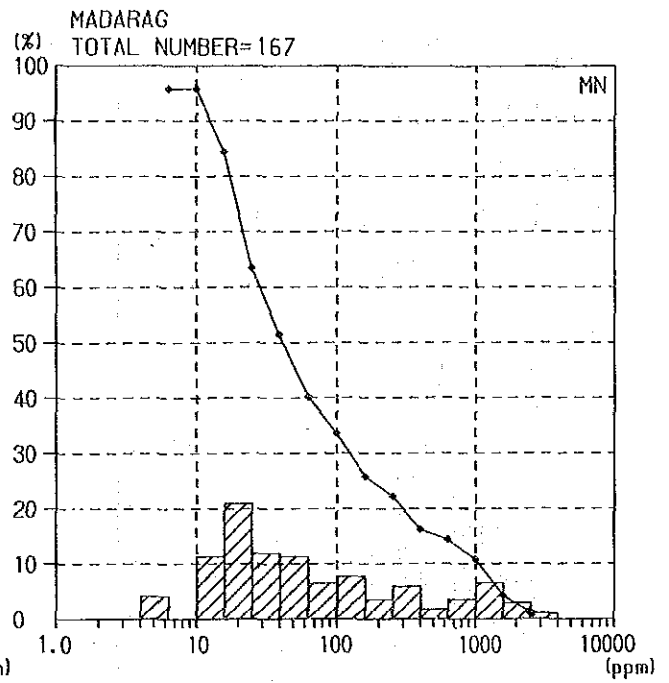
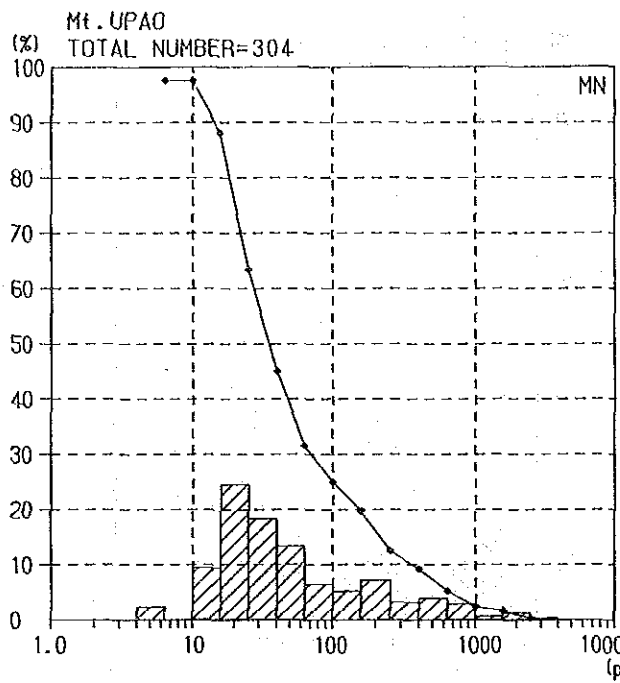
Apx. 7 Histogram and Cumulative Frequency of Mo



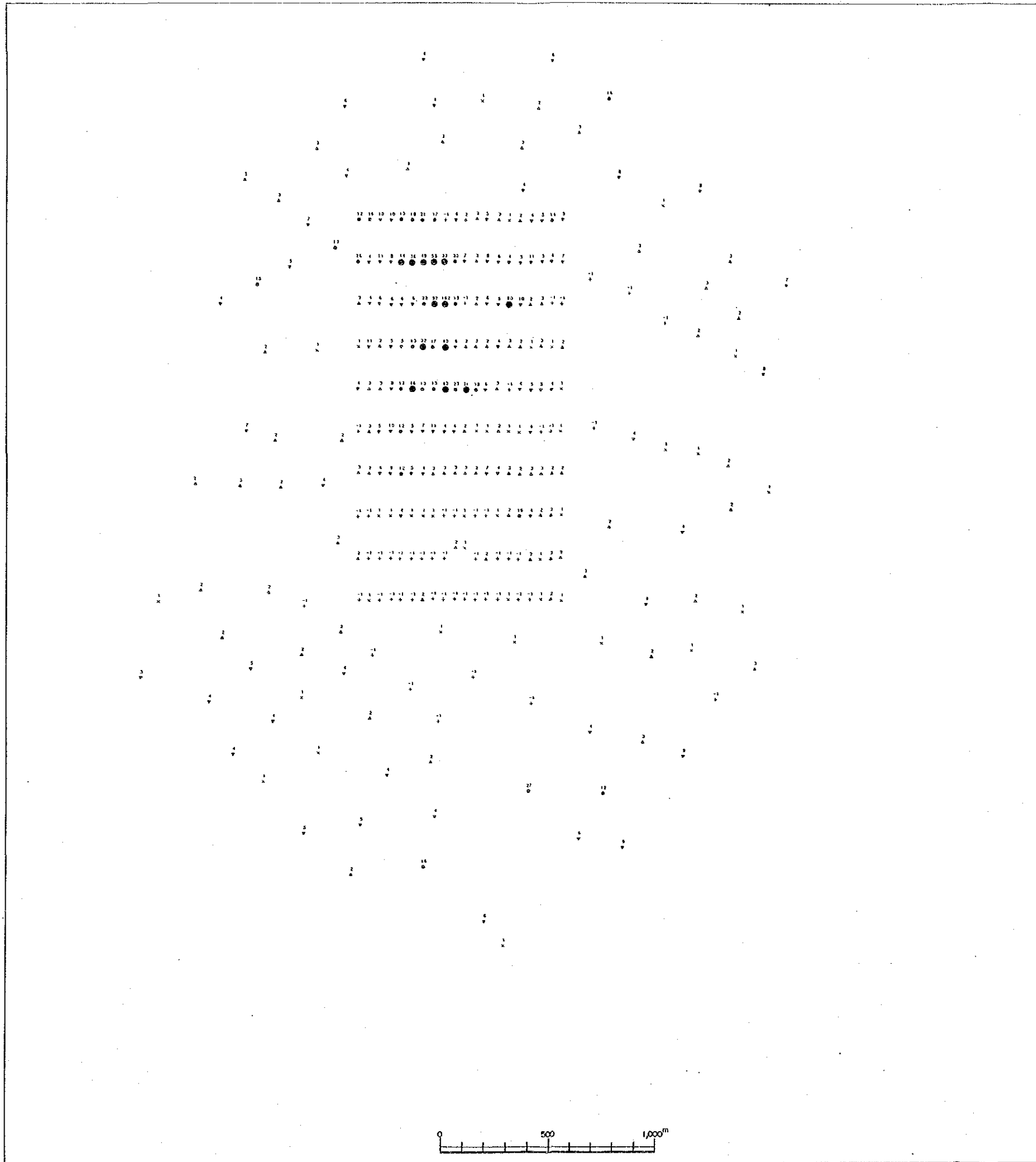
Apx. 8 Histogram and Cumulative Frequency of Pb



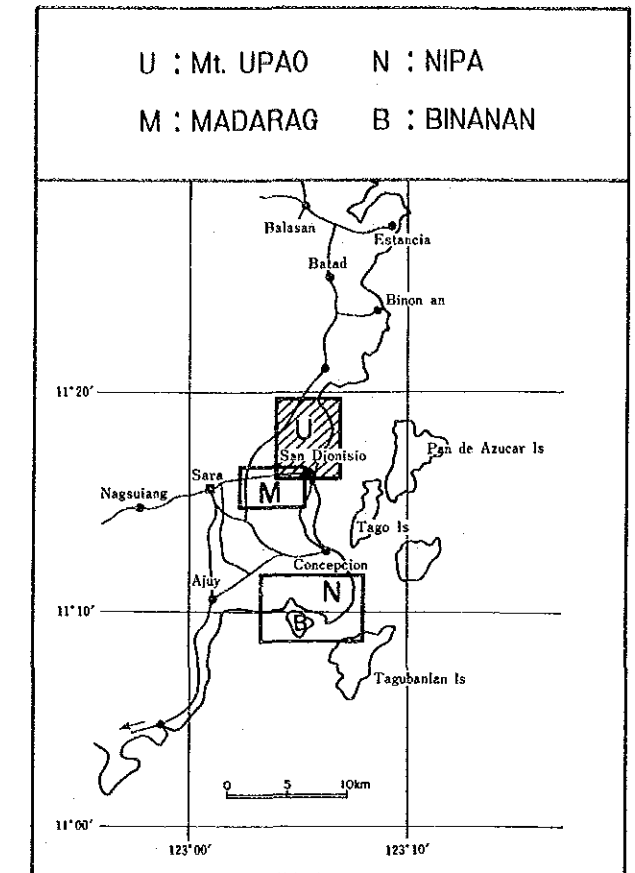
Apx. 9 Histogram and Cumulative Frequency of Zn



Apx. 10 Histogram and Cumulative Frequency of Mn



LOCATION INDEX



U : Mt. UPAO N : NIPA
 M : MADARAG B : BINANAN

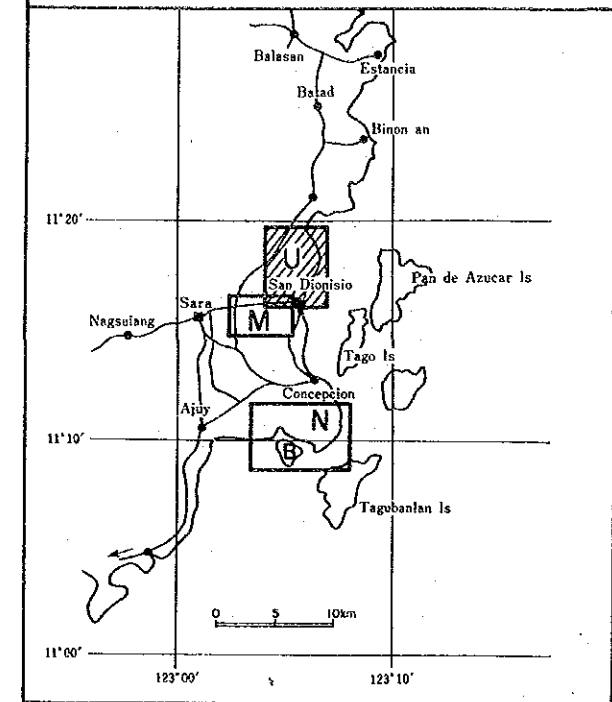
LEGEND

- > = 30.9 (M+2σ)
- 30.9 > ● > = 11.1 (M+σ)
- 11.1 > ▽ > = 4.0 (M)
- 4.0 > △ > = 1.4 (M-σ)
- 1.4 > × > = 0.5 (M-2σ)
- 0.5 > +

PL. 1-5 Geochemical Plot of Au, Mt. Upao Area

LOCATION INDEX

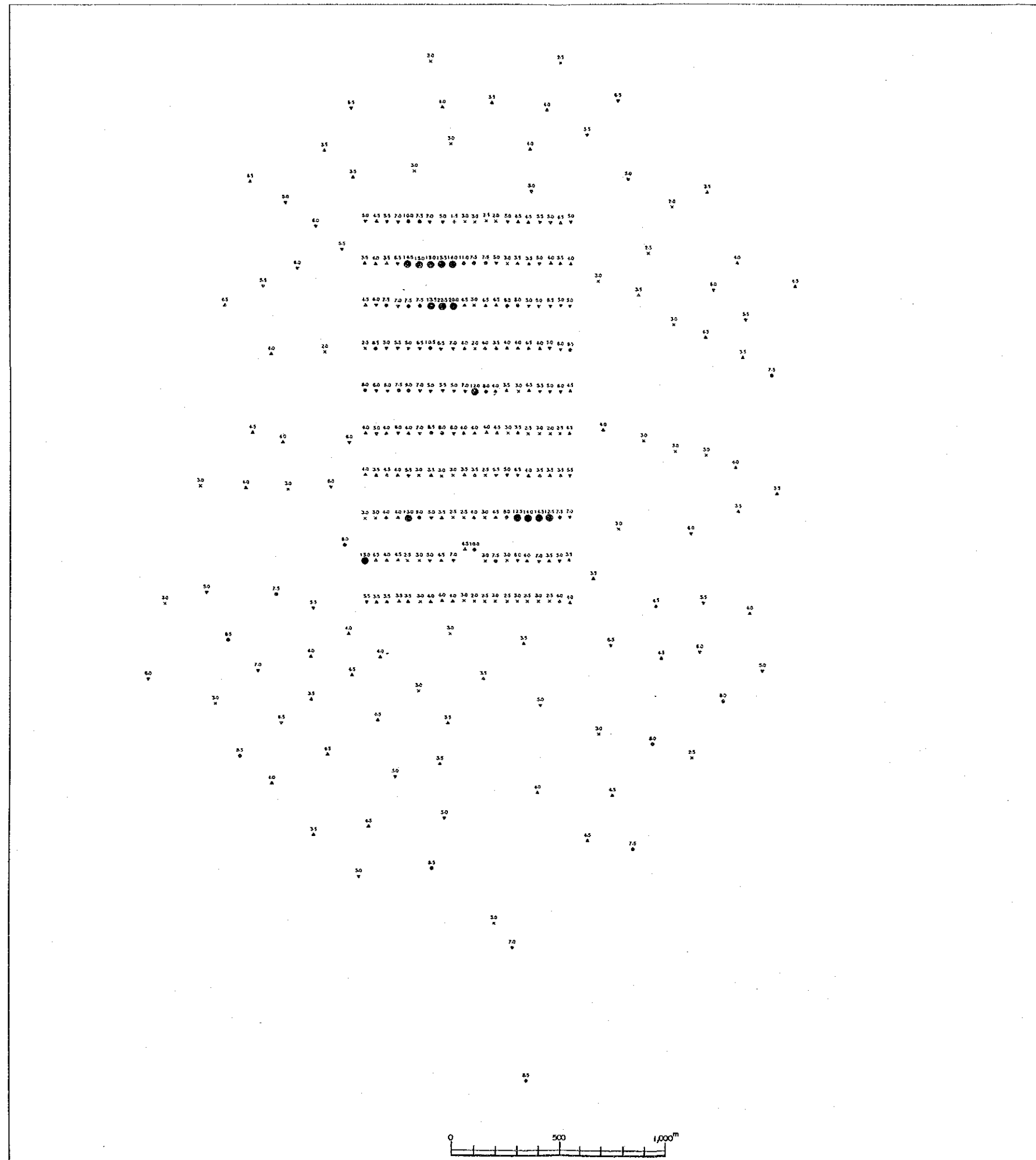
U : Mt. UPAO N : NIPA
M : MADARAG B : BINANAN

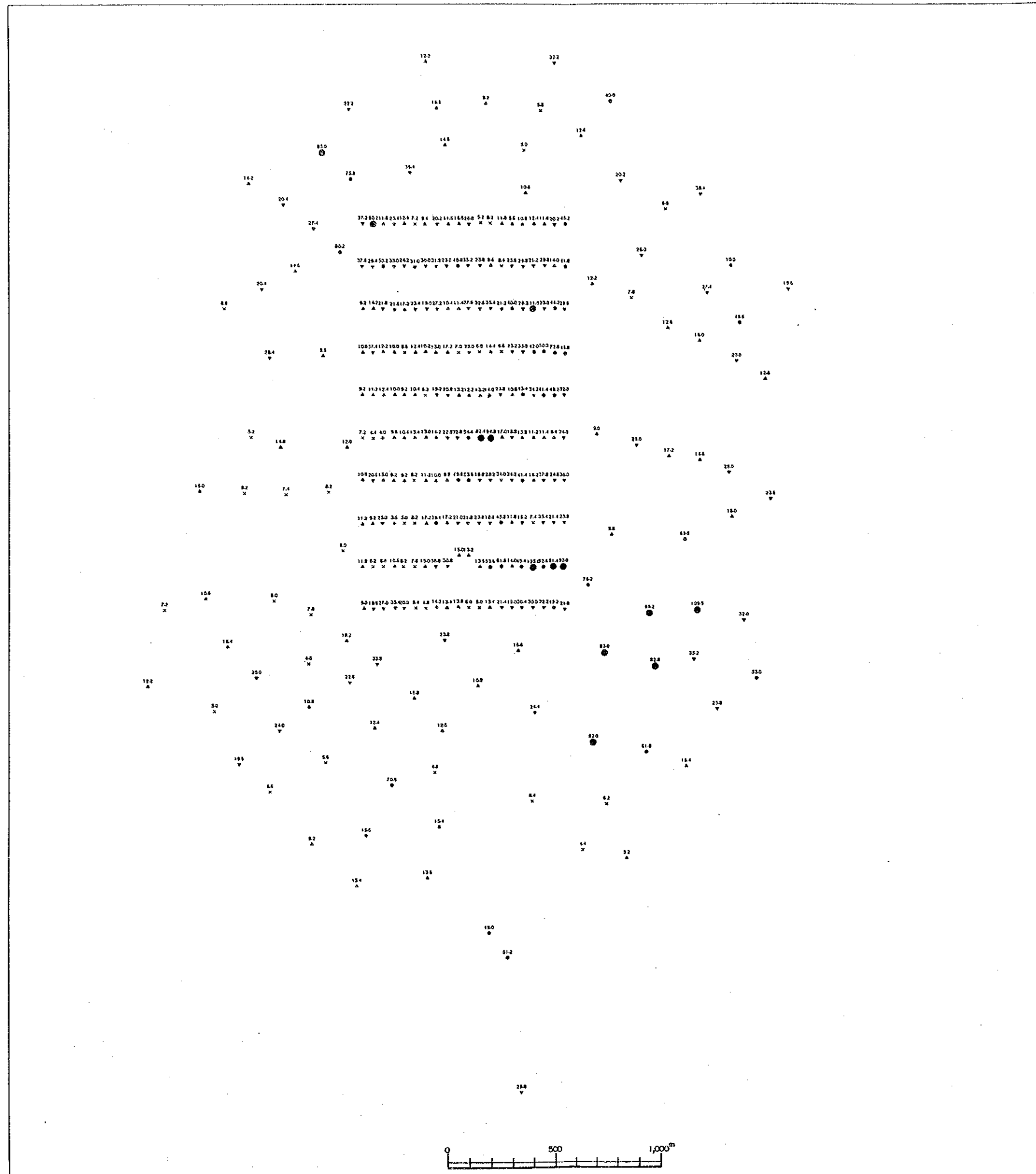


LEGEND

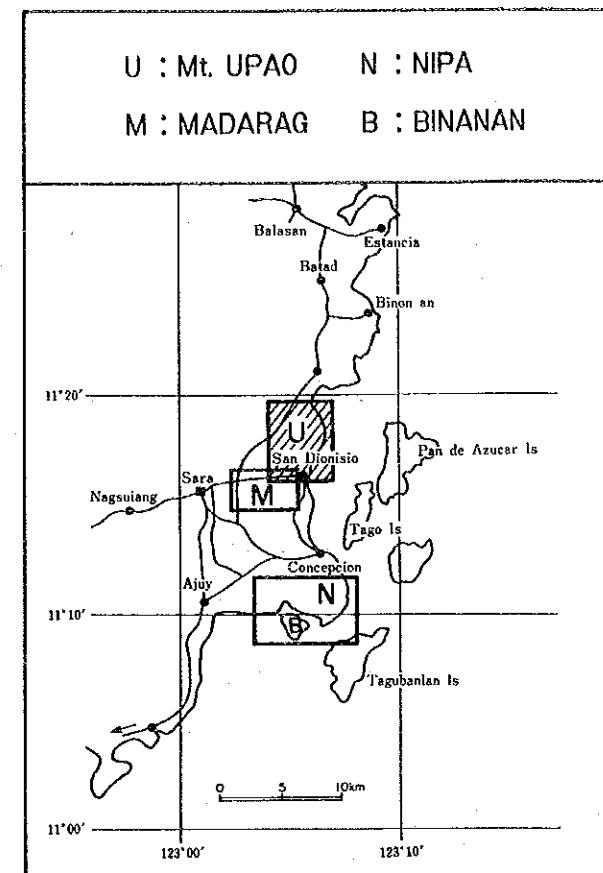
- > = 80.48 (M + 2σ)
- > = 38.66 (M + σ)
- ▽ > = 18.57 (M)
- △ > = 8.92 (M - σ)
- × > = 4.29 (M - 2σ)
- + >

PL. 1-6 Geochemical Plot of Cu, Mt. Upao Area





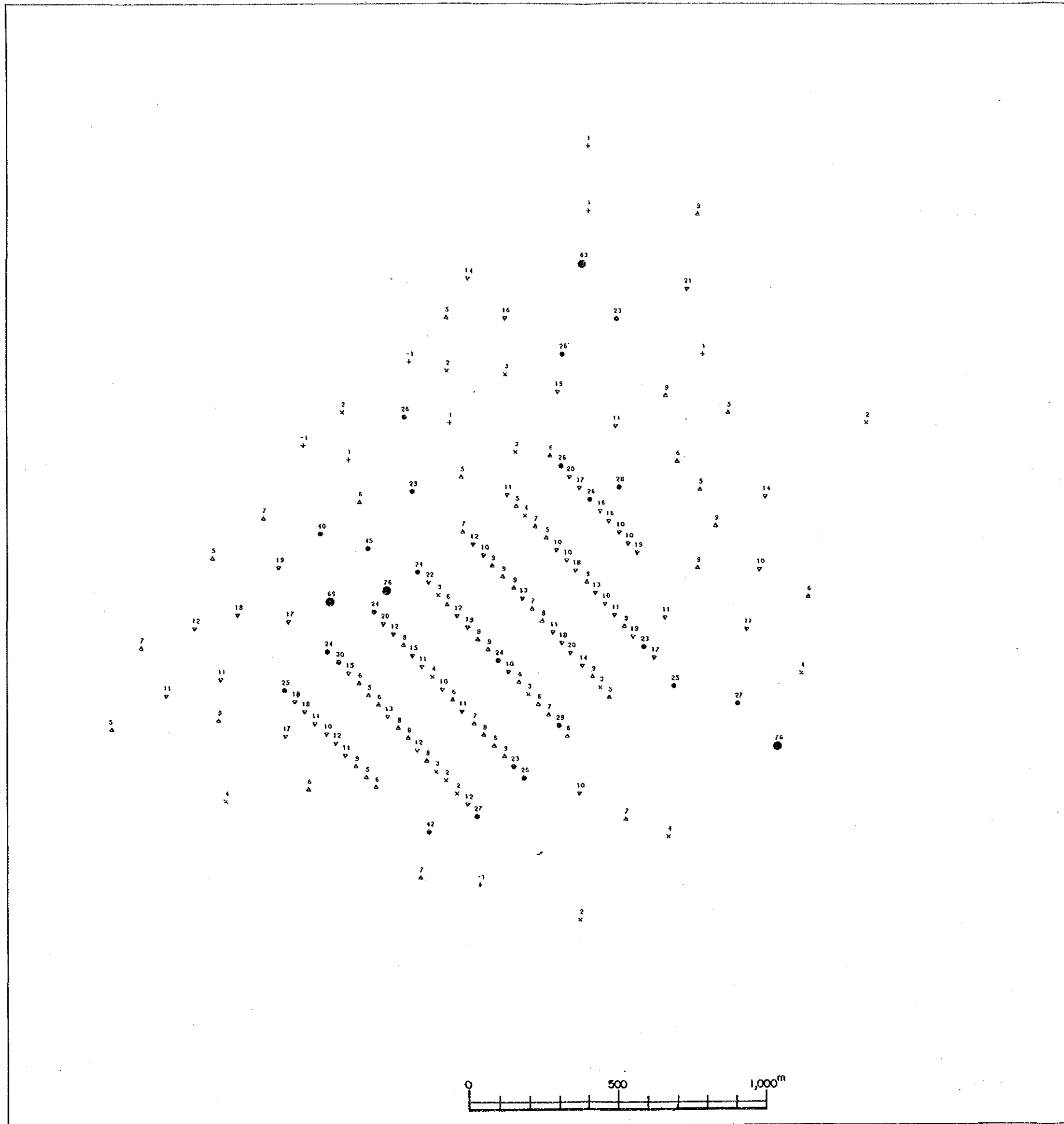
LOCATION INDEX



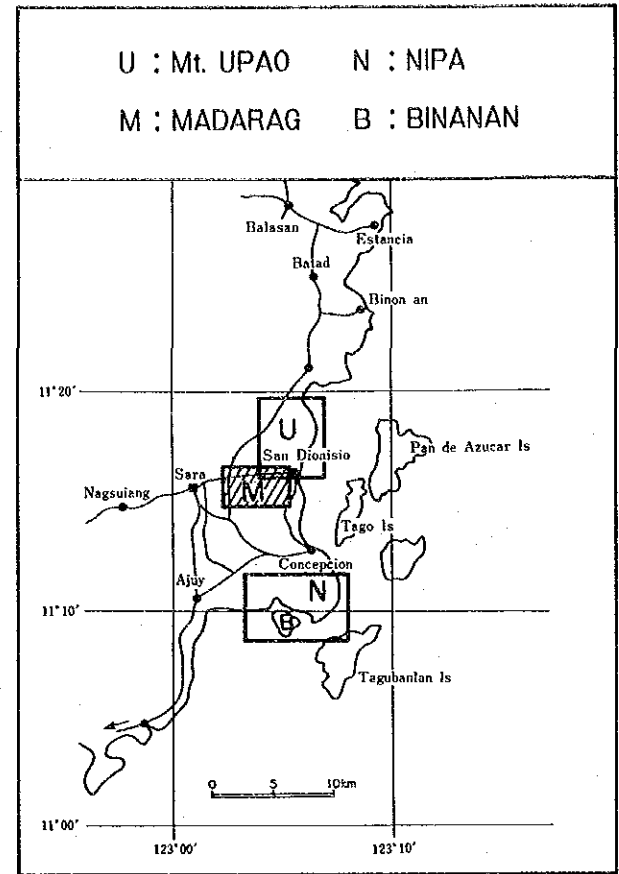
LEGEND

- $\geq 11.47 (M + 2\sigma)$
- $11.47 > \bullet \geq 7.34 (M + \sigma)$
- ▽ $7.34 > \nabla \geq 4.70 (M)$
- △ $4.70 > \triangle \geq 3.01 (M - \sigma)$
- × $3.01 > \times \geq 1.93 (M - 2\sigma)$
- + $1.93 > +$

PL. 1-7 Geochemical Plot of Pb, Mt. Upao Area



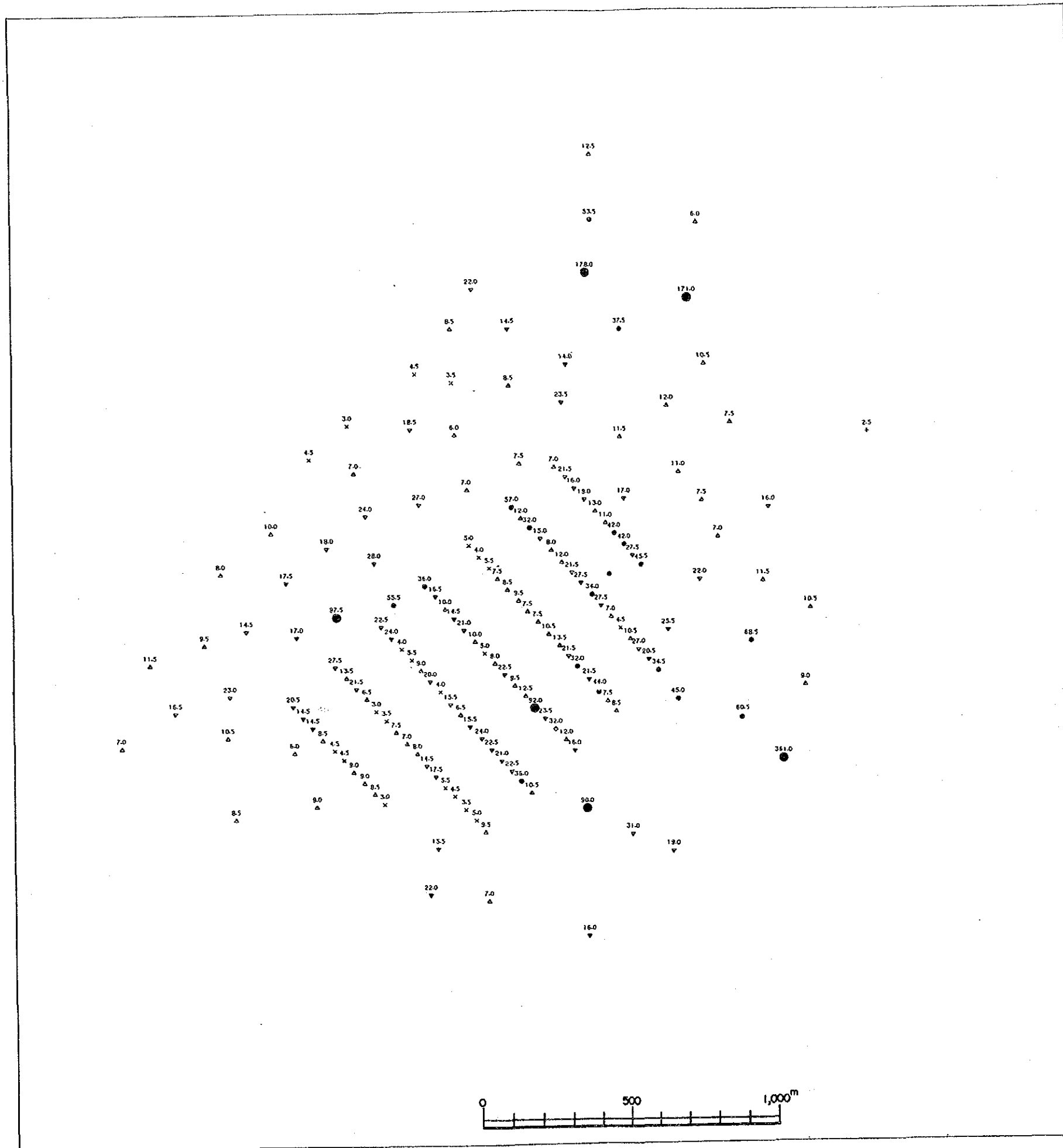
LOCATION INDEX



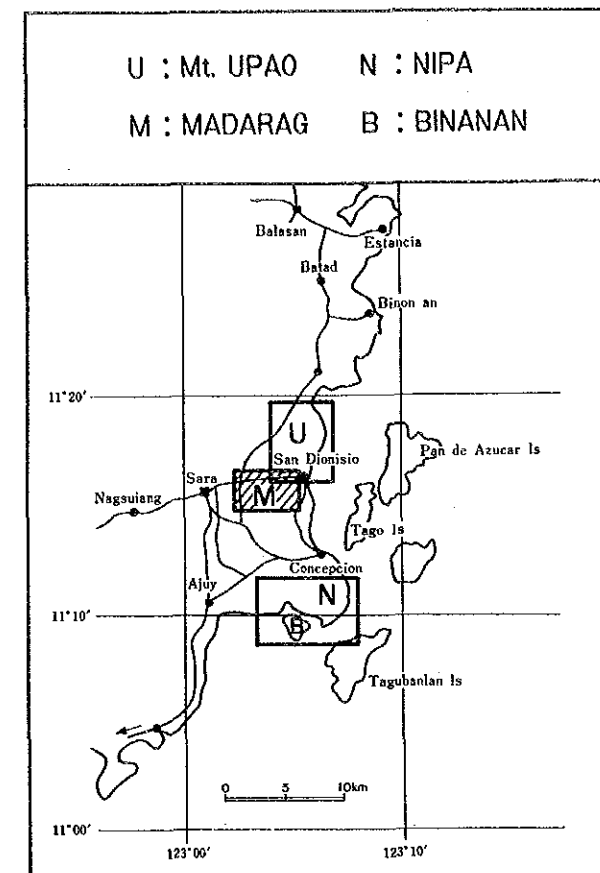
LEGEND

- > = 51.6 (M + 2σ)
- 51.6 > ● > = 22.4 (M + σ)
- 22.4 > ▽ > = 9.7 (M)
- 9.7 > △ > = 4.2 (M - σ)
- 4.2 > × > = 1.8 (M - 2σ)
- 1.8 > +

PL. 2-5 Geochemical Plot of Au, Madarag Area



LOCATION INDEX



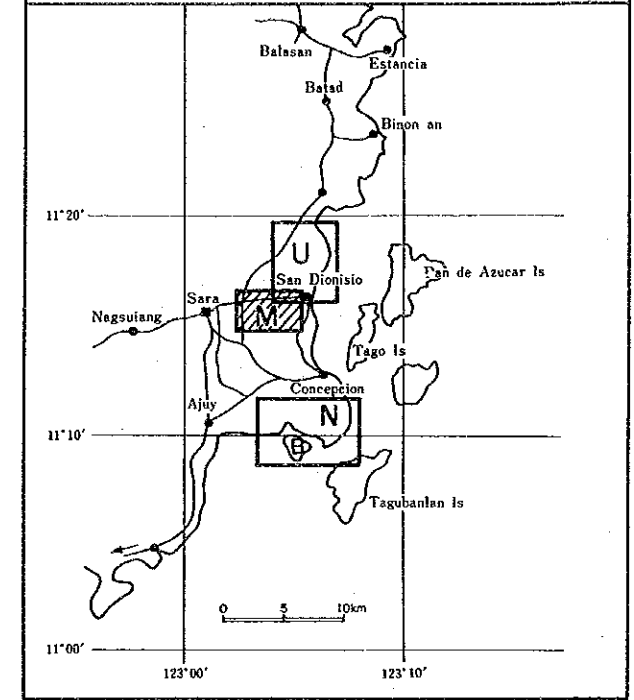
LEGEND

- $\geq 73.87 (M + 2\sigma)$
- $73.87 > \bullet \geq 31.98 (M + \sigma)$
- $31.98 > \nabla \geq 13.84 (M)$
- $13.84 > \triangle \geq 5.99 (M - \sigma)$
- $5.99 > \times \geq 2.59 (M - 2\sigma)$
- $2.59 > +$

PL. 2-6 Geochemical Plot of Pb, Madarag Area

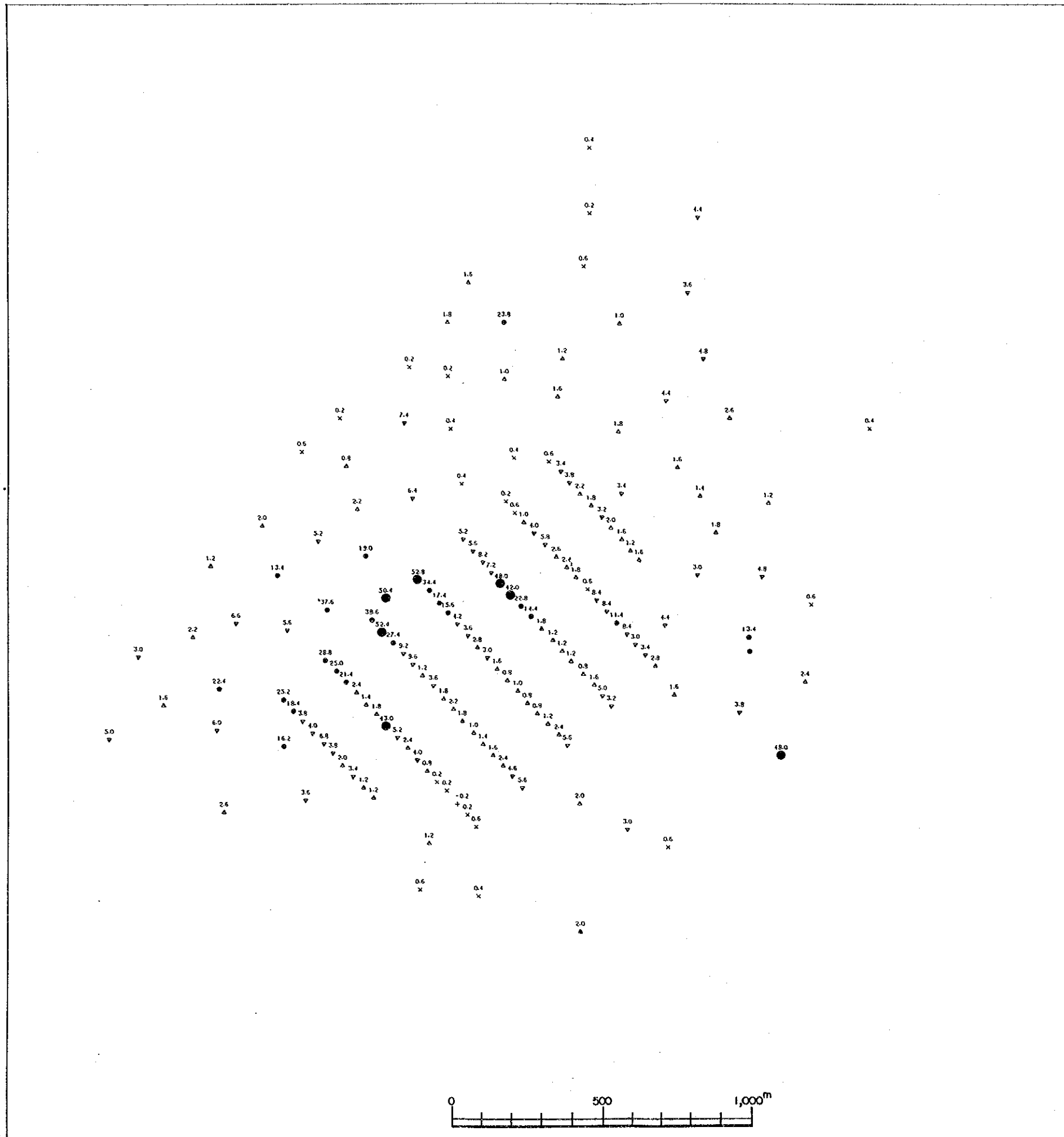
LOCATION INDEX

U : Mt. UPAO N : NIPA
 M : MADARAG B : BINANAN

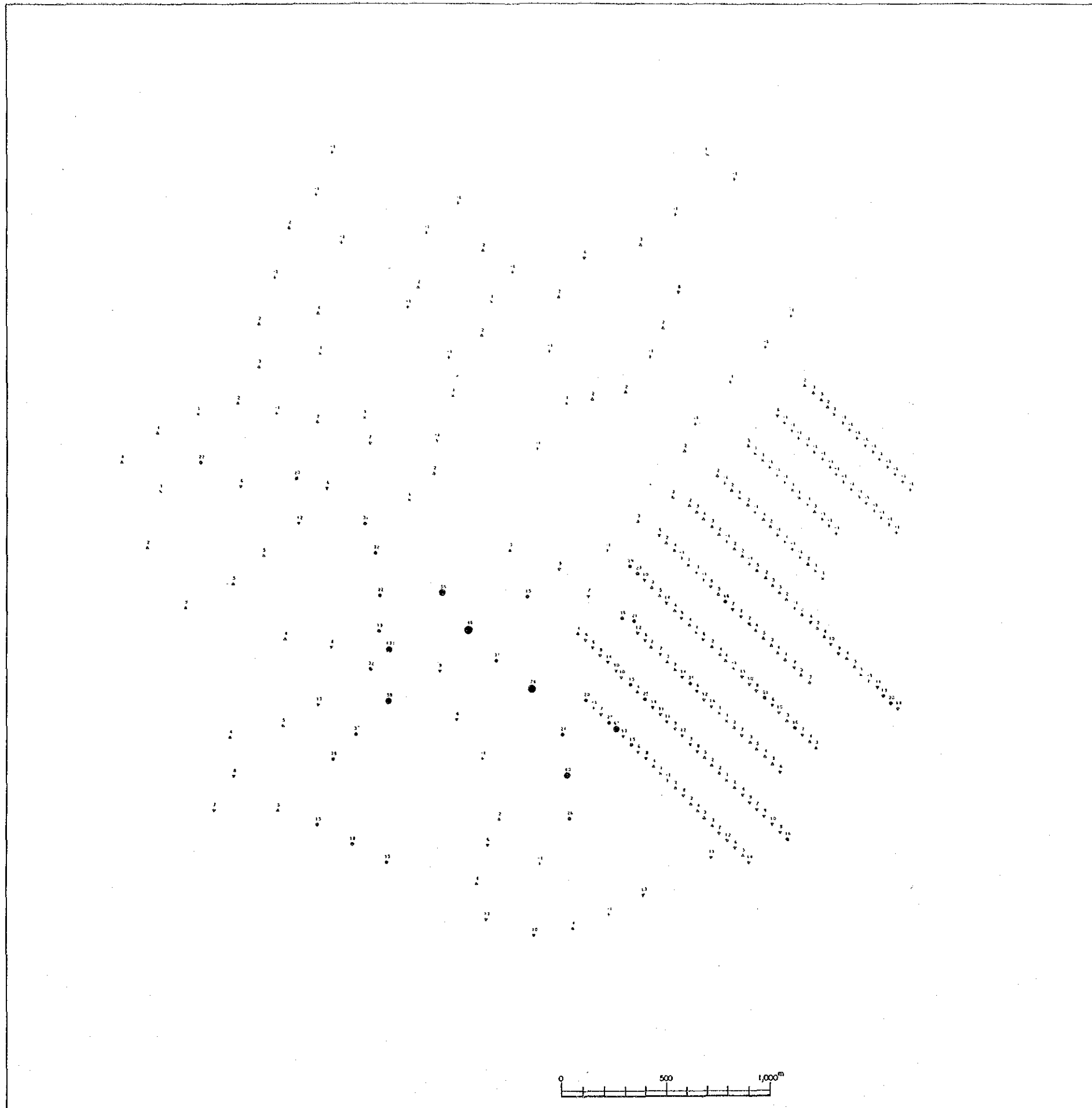


LEGEND

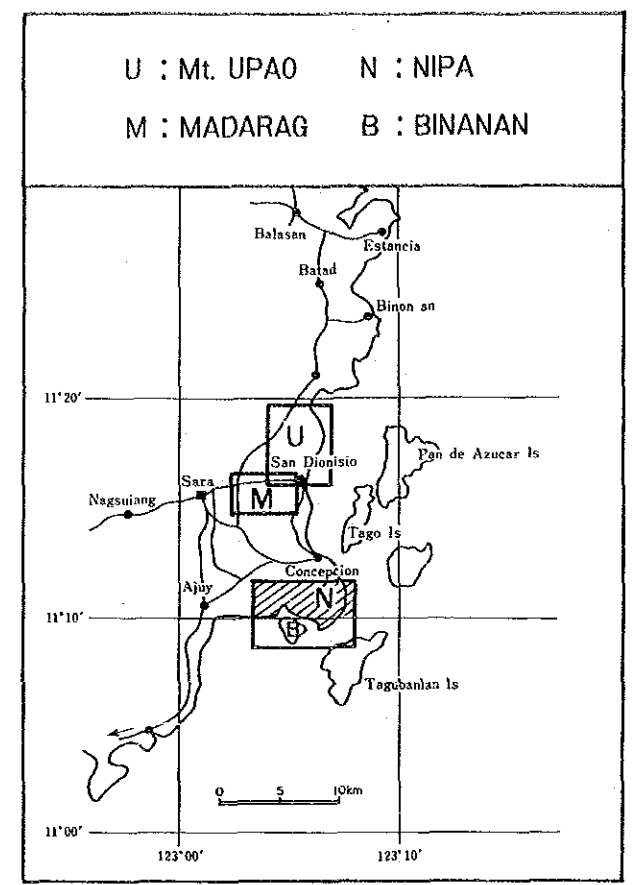
- $\geq 39.84 (M + 2\sigma)$
- $39.84 > \bullet \geq 10.62 (M + \sigma)$
- ▽ $10.62 > \nabla \geq 2.83 (M)$
- △ $2.83 > \triangle \geq 0.76 (M - \sigma)$
- × $0.76 > \times \geq 0.20 (M - 2\sigma)$
- + $0.20 > +$



PL. 2-7 Geochemical Plot of Mo, Madarag Area



LOCATION INDEX



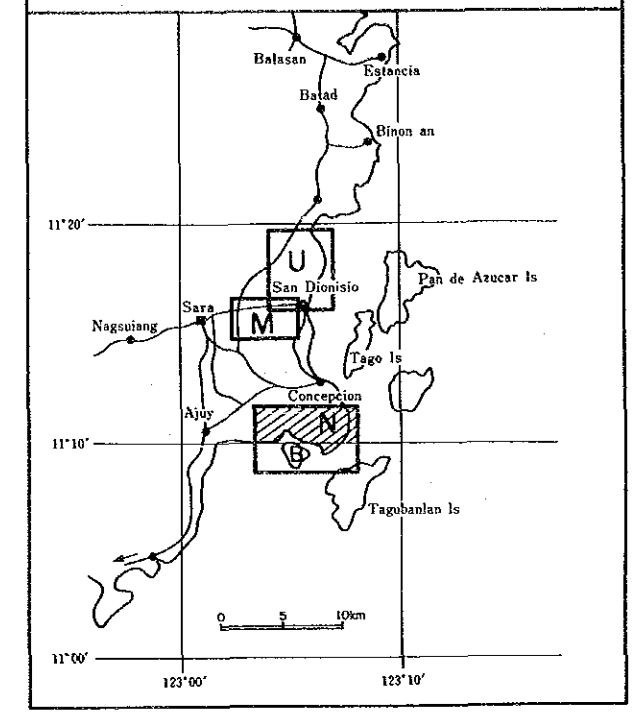
LEGEND

- $\geq 40.4 (M+2\sigma)$
- $40.4 > \bullet \geq 14.6 (M+\sigma)$
- $14.6 > \nabla \geq 5.3 (M)$
- $5.3 > \triangle \geq 1.9 (M-\sigma)$
- $1.9 > \times \geq 0.7 (M-2\sigma)$
- $0.7 > +$

PL. 3-5 Geochemical Plot of Au, Nipa Area

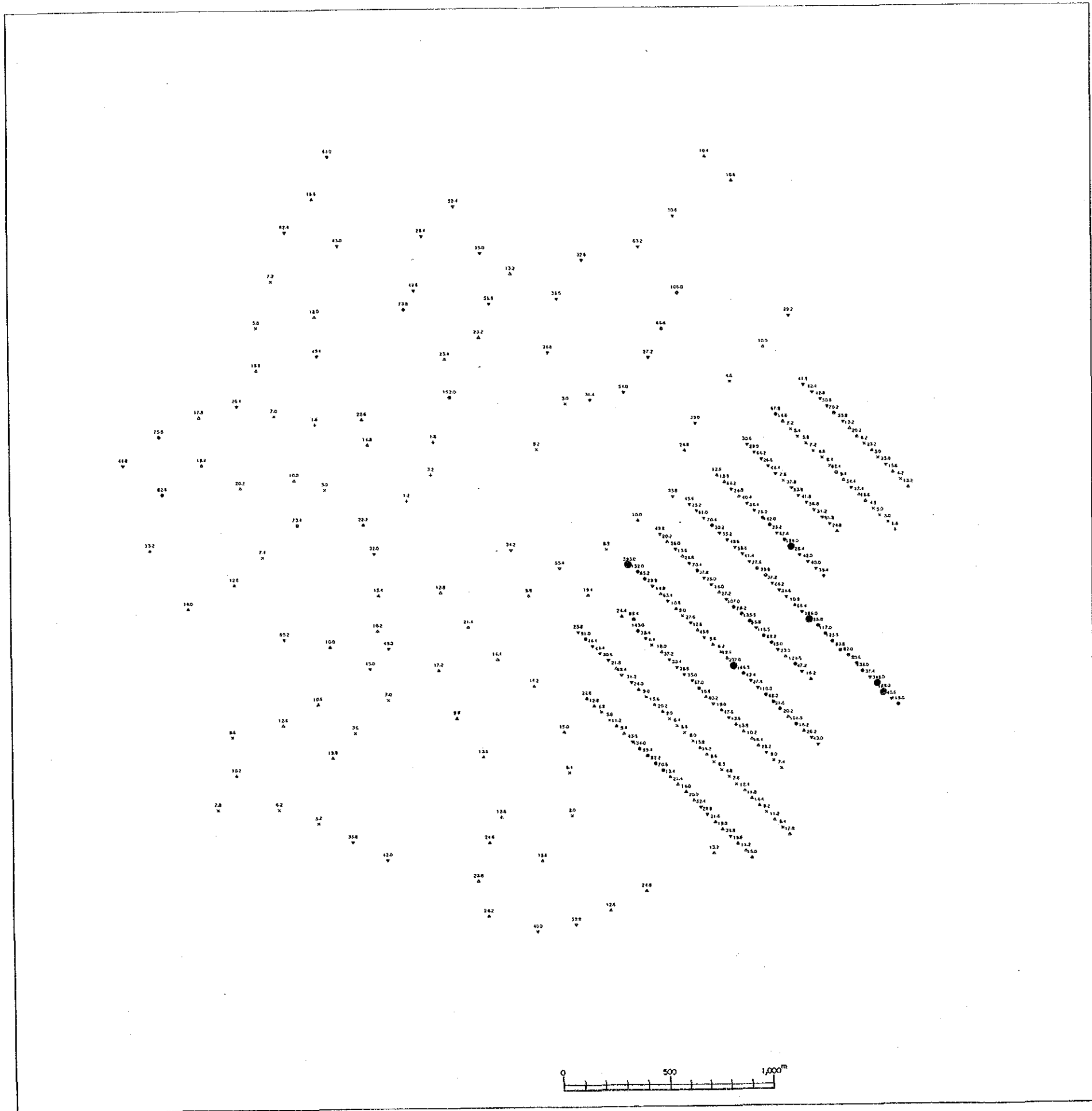
LOCATION INDEX

U : Mt. UPAO N : NIPA
 M : MADARAG B : BINANAN

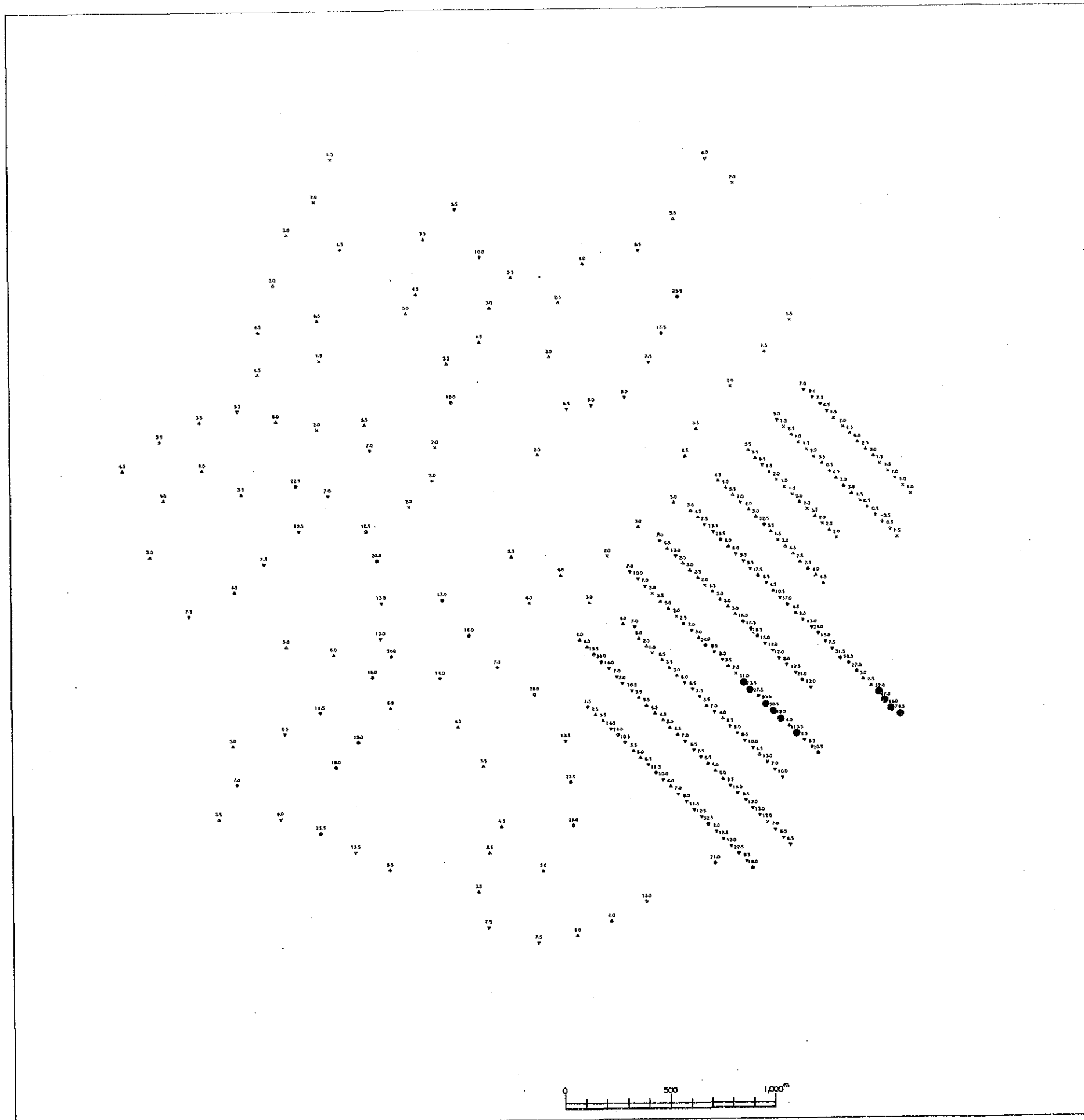


LEGEND

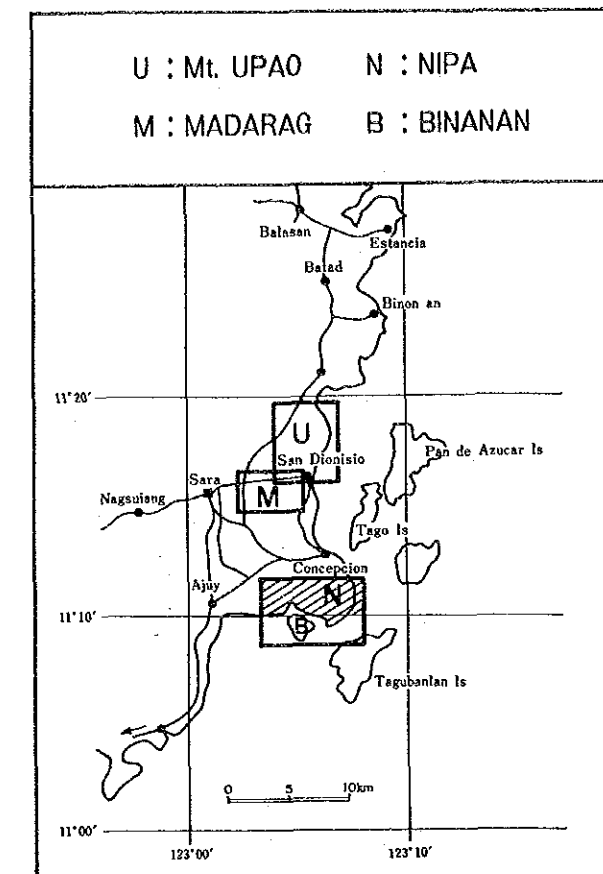
- > = 178.45 (M + 2σ)
- 178.45 > ● > = 66.55 (M + σ)
- 66.55 > ▽ > = 24.82 (M)
- 24.82 > △ > = 9.25 (M - σ)
- 9.25 > × > = 3.45 (M - 2σ)
- 3.45 > +



PL. 3-6 Geochemical Plot of Cu, Nipa Area



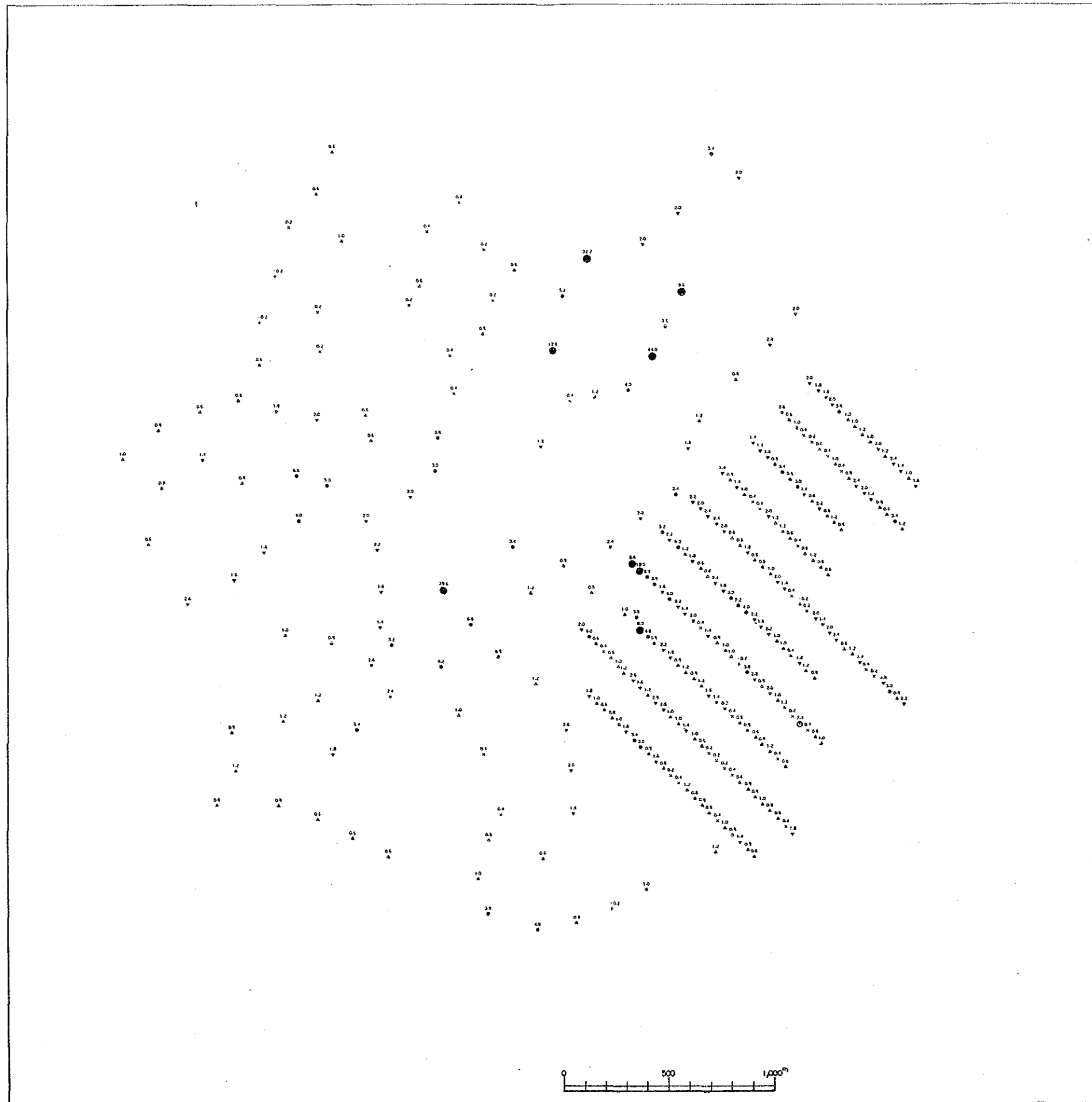
LOCATION INDEX



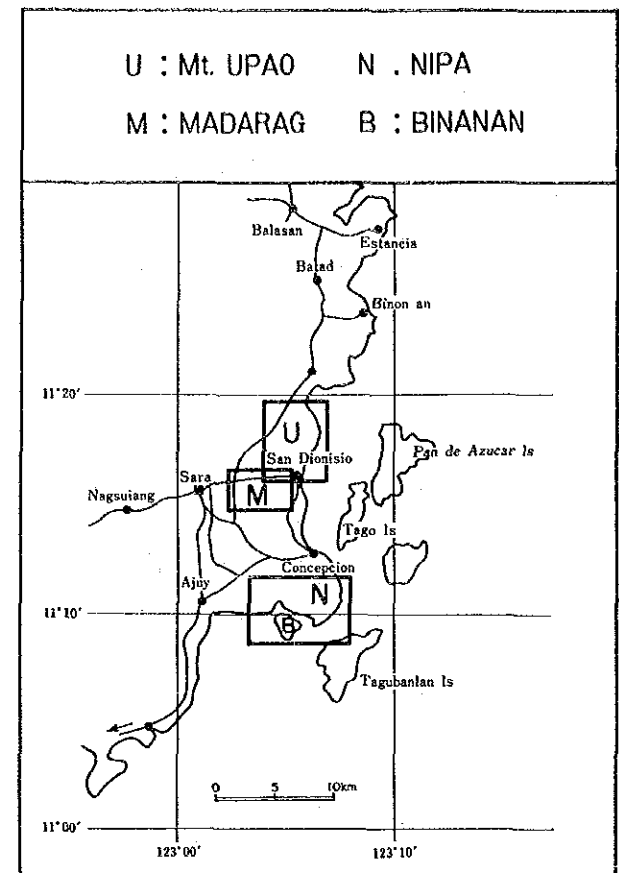
LEGEND

- > = 40.14 (M+2σ)
- 40.14 > ● > = 15.71 (M+σ)
- 15.71 > ▽ > = 6.15 (M)
- 6.15 > △ > = 2.41 (M-σ)
- 2.41 > × > = 0.94 (M-2σ)
- 0.94 > +

PL. 3-7 Geochemical Plot of Pb, Nipa Area



LOCATION INDEX

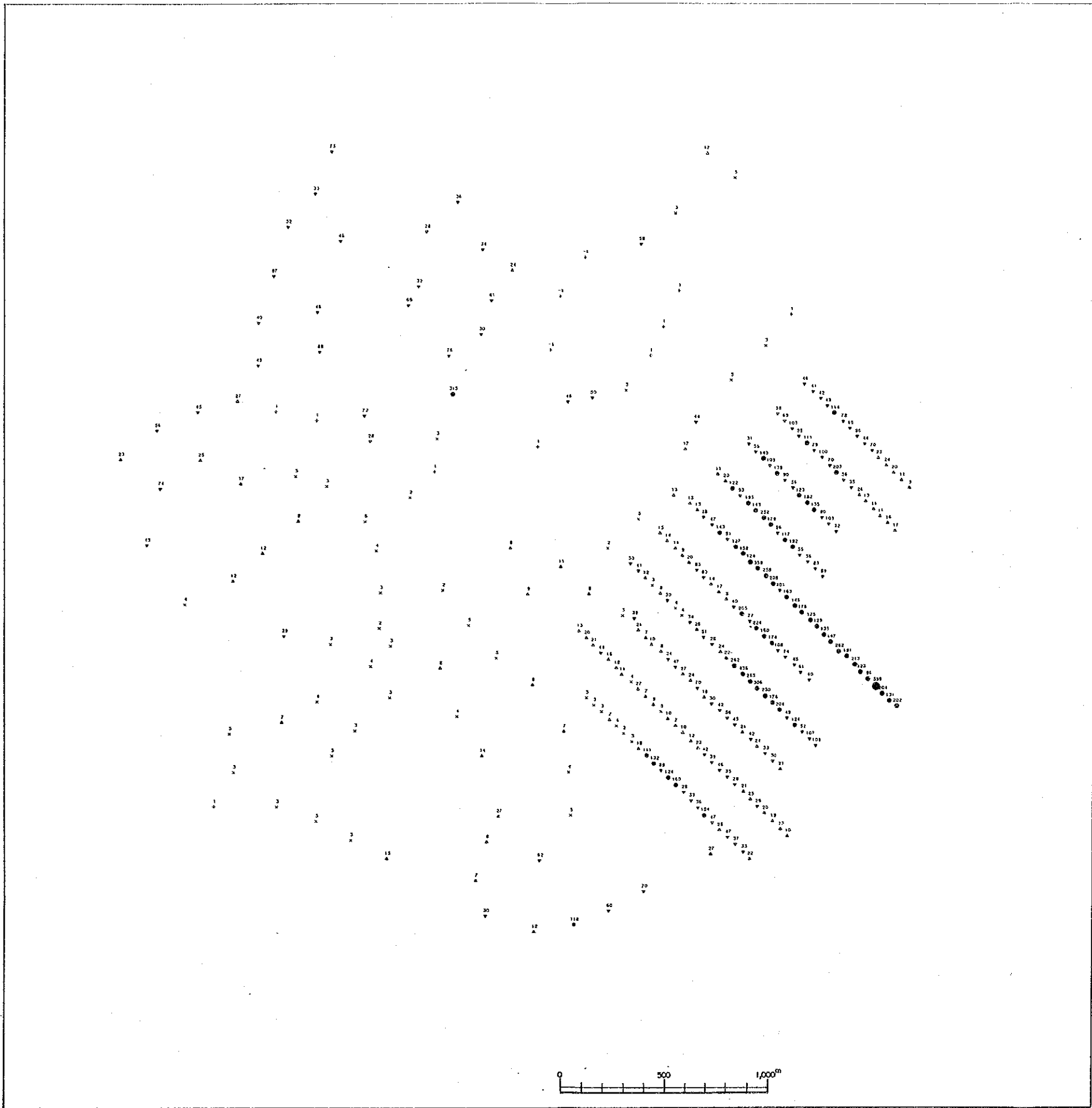


U : Mt. UPAO N : NIPA
M : MADARAG B : BINANAN

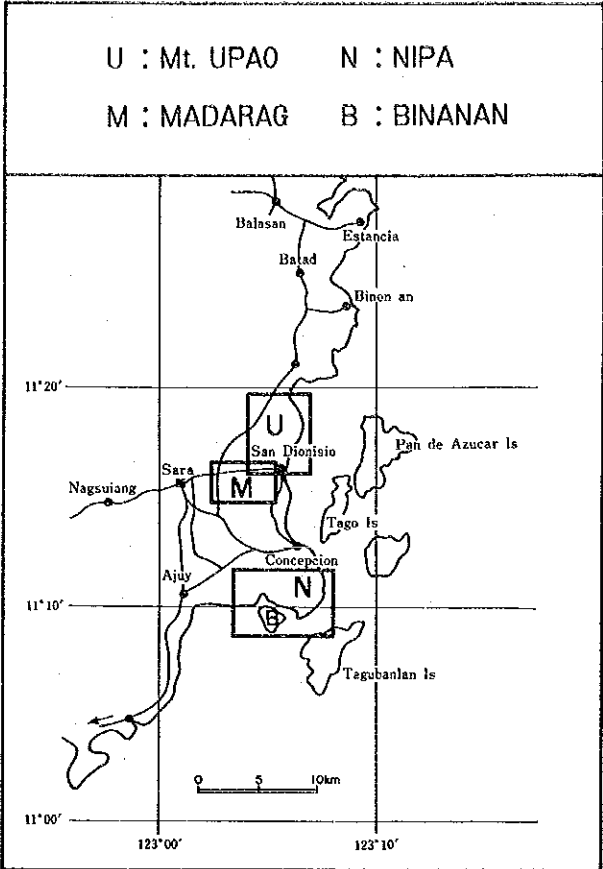
LEGEND

- $\geq 7.38 (M + 2\sigma)$
- $7.38 > \bullet \geq 3.00 (M + \sigma)$
- ▽ $3.00 > \nabla \geq 1.22 (M)$
- △ $1.22 > \triangle \geq 0.50 (M - \sigma)$
- × $0.50 > \times \geq 0.20 (M - 2\sigma)$
- + $0.20 > +$

PL. 3-8 Geochemical Plot of Mo, Nipa Area



LOCATION INDEX



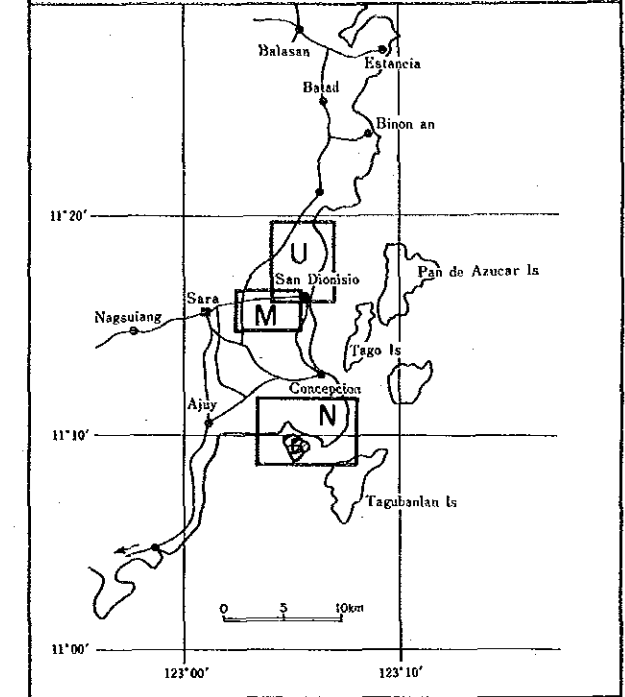
LEGEND

- > = 449.7 (M + 2σ)
- 449.7 > ● > = 110.6 (M + σ)
- 110.6 > ▽ > = 27.2 (M)
- 27.2 > △ > = 6.7 (M - σ)
- 6.7 > × > = 1.6 (M - 2σ)
- 1.6 > +

PL. 3-9 Geochemical Plot of Zn, Nipa Area

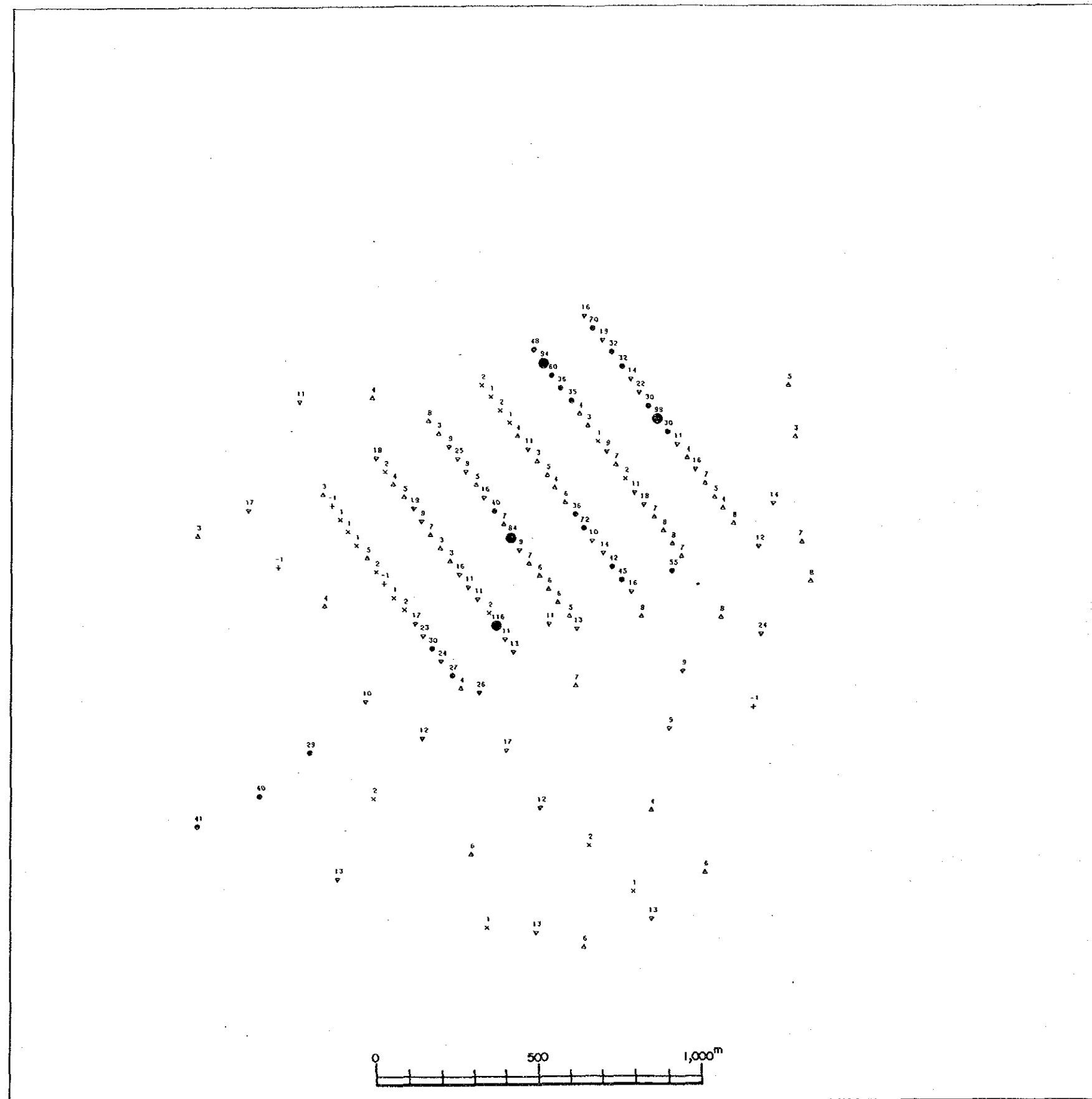
LOCATION INDEX

U : Mt. UPAO N : NIPA
 M : MADARAG B : BINANAN



LEGEND

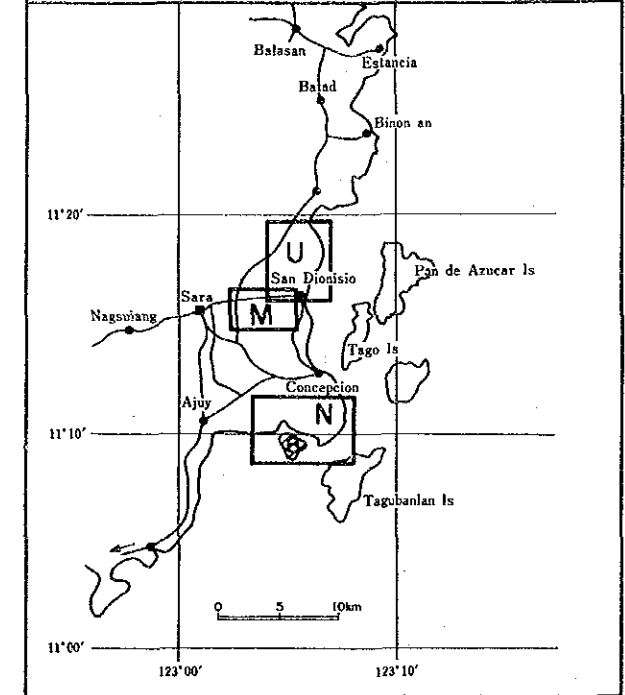
- $\geq 80.7 (M + 2\sigma)$
- $80.7 > \bullet \geq 26.8 (M + \sigma)$
- $26.8 > \nabla \geq 8.9 (M)$
- $8.9 > \Delta \geq 3.0 (M - \sigma)$
- $3.0 > \times \geq 1.0 (M - 2\sigma)$
- $1.0 > +$



PL. 4-5 Geochemical Plot of Au, Binanan Area

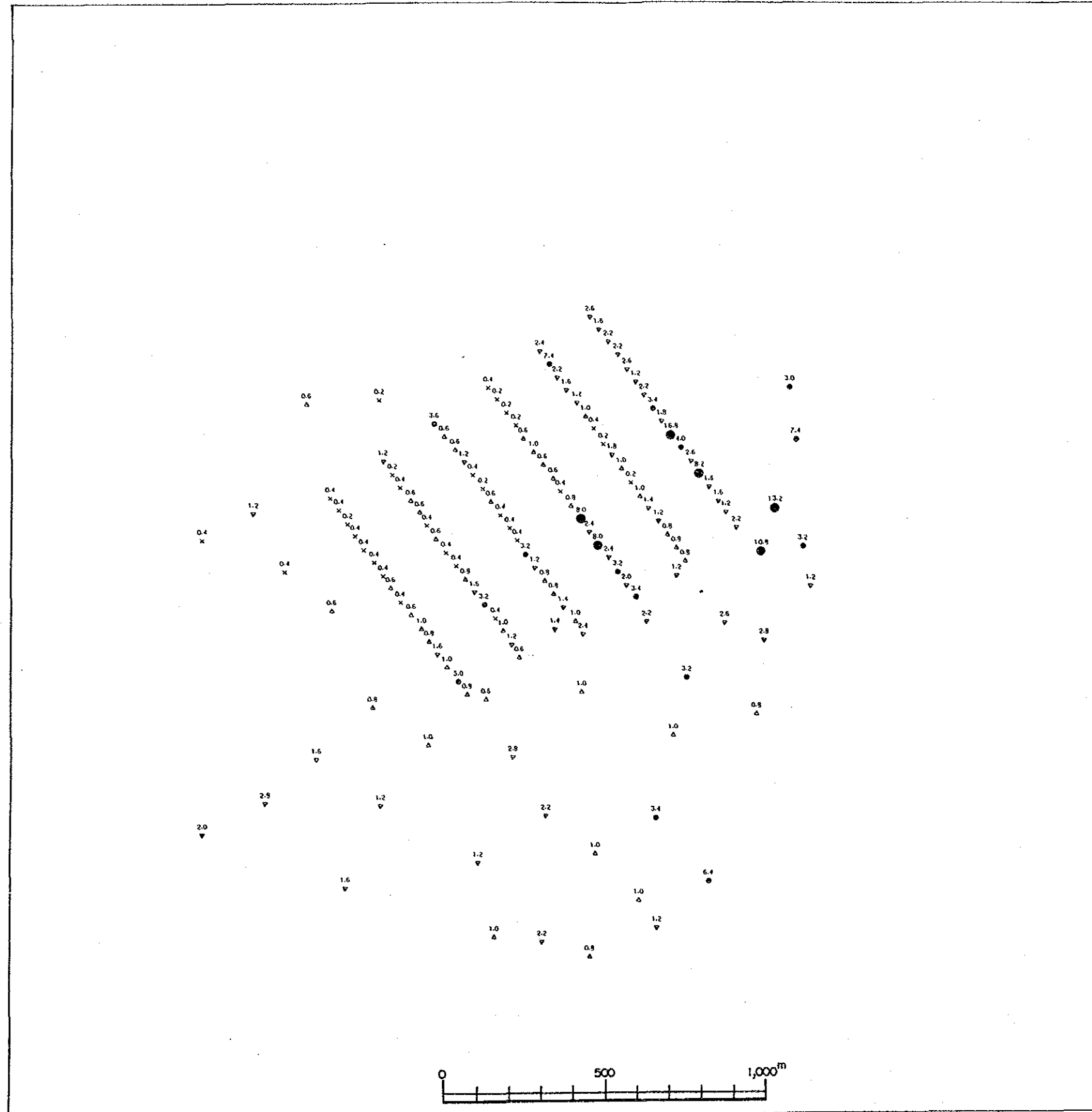
LOCATION INDEX

U : Mt. UPAO N : NIPA
 M : MADARAG B : BINANAN



LEGEND

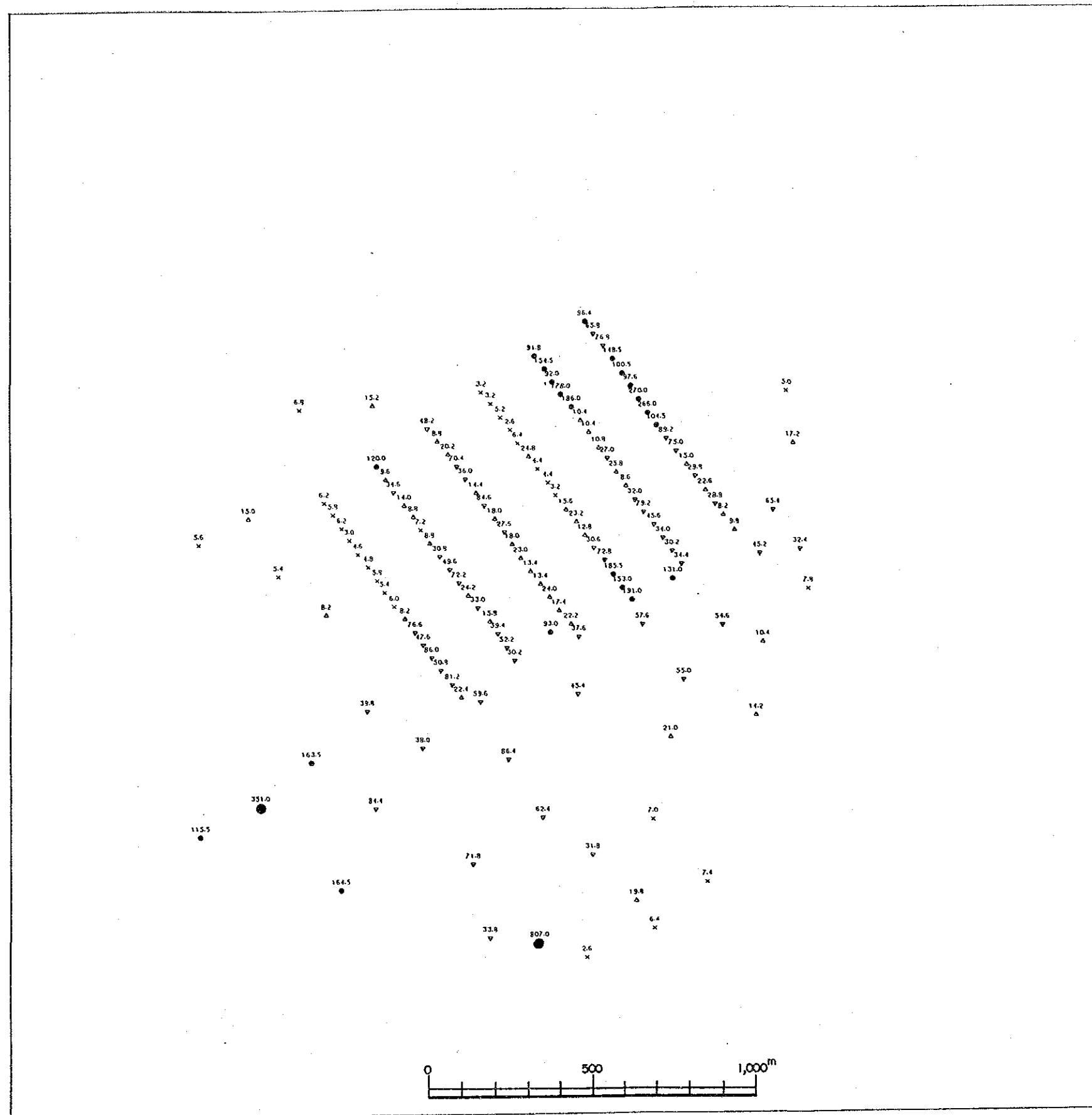
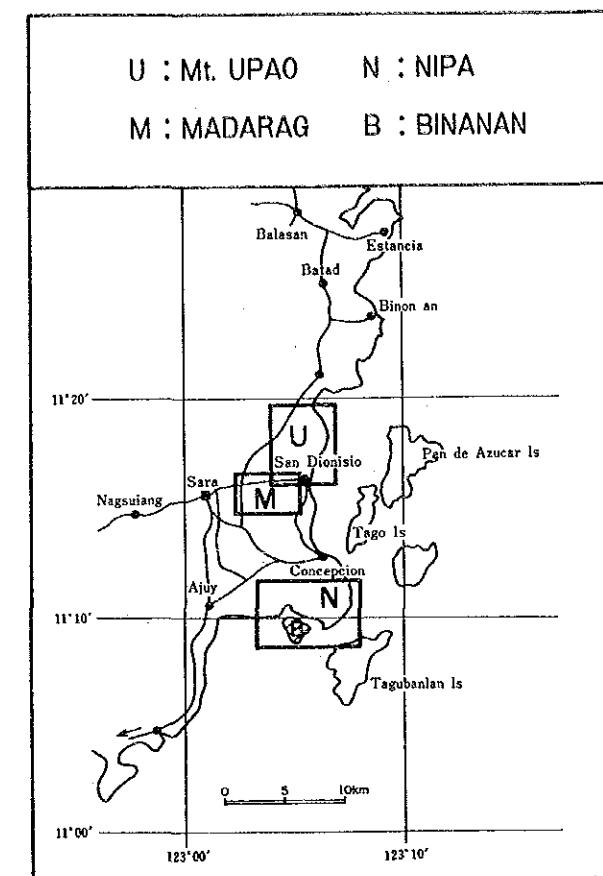
- $> = 7.55 (M + 2\sigma)$
- 7.55 > ● $> = 2.92 (M + \sigma)$
- 2.92 > ▽ $> = 1.13 (M)$
- 1.13 > △ $> = 0.44 (M - \sigma)$
- 0.44 > × $> = 0.17 (M - 2\sigma)$
- 0.17 > +



PL. 4-6 Geochemical Plot of Mo, Binonan Area

LOCATION INDEX

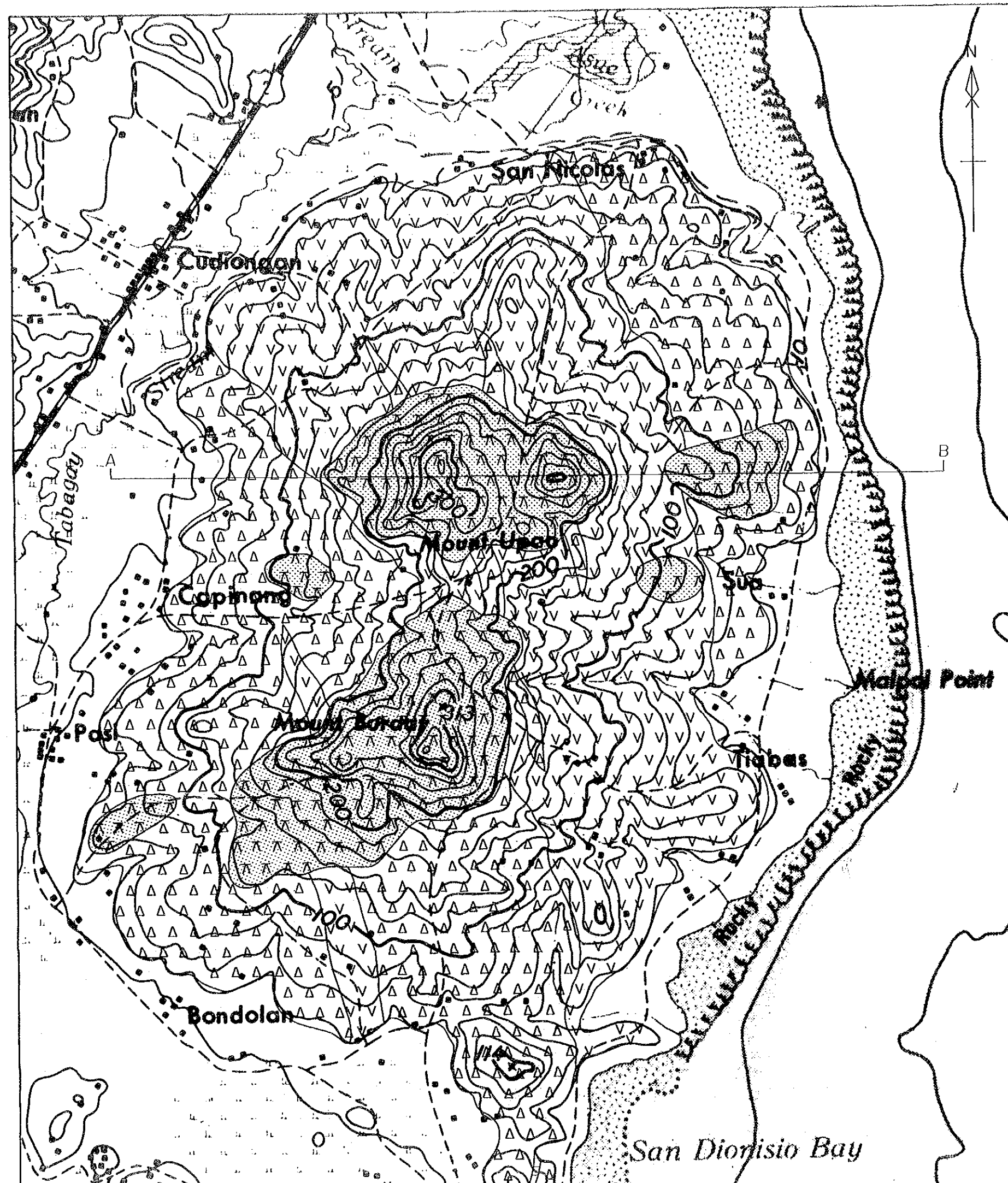
U : Mt. UPAO N : NIPA
M : MADARAG B : BINANAN



LEGEND

- > = 296.61 (M + 2σ)
- with dot > = 89.36 (M + σ)
- ▽ > = 26.92 (M)
- △ > = 8.11 (M - σ)
- × > = 2.44 (M - 2σ)
- + >

PL. 4-7 Geochemical Plot of As, Binonan Area

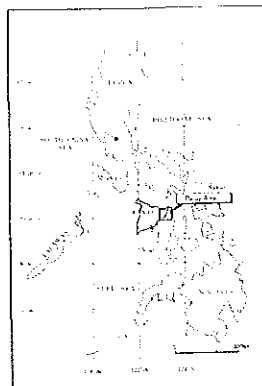
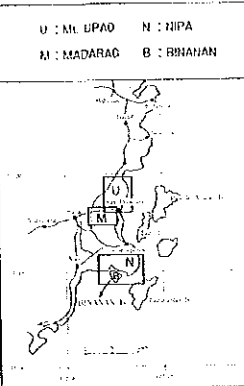


PL. 1-1

MINERAL EXPLORATION
IN
PANAY AREA
IN THE REPUBLIC OF THE PHILIPPINES

Geologic Map
Mt. Upao Area

LOCATION INDEX

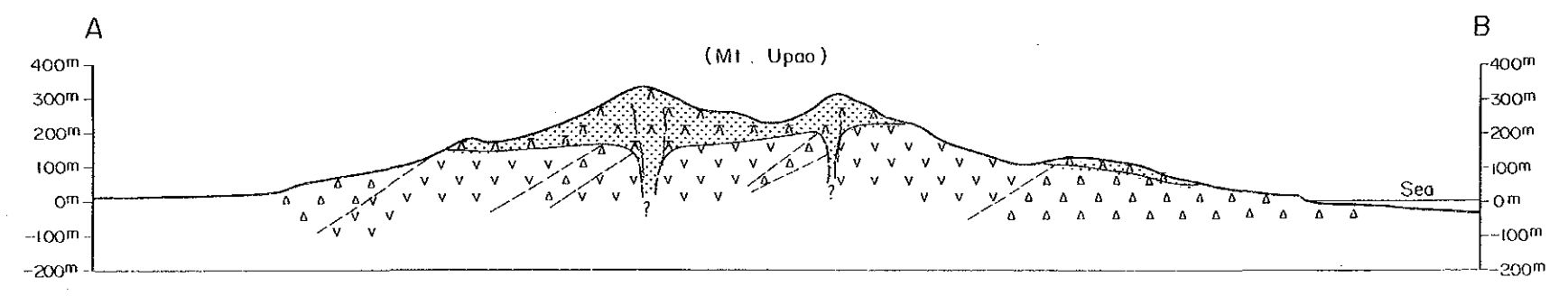
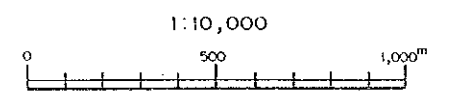
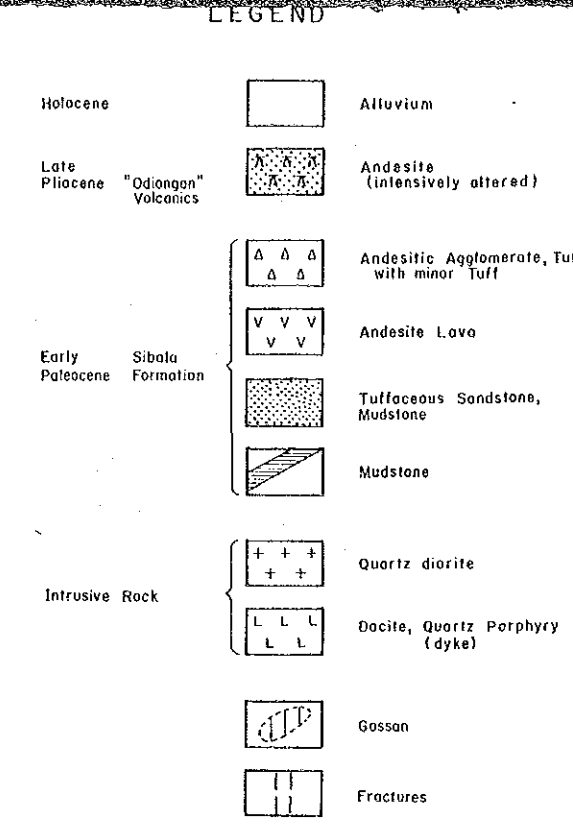
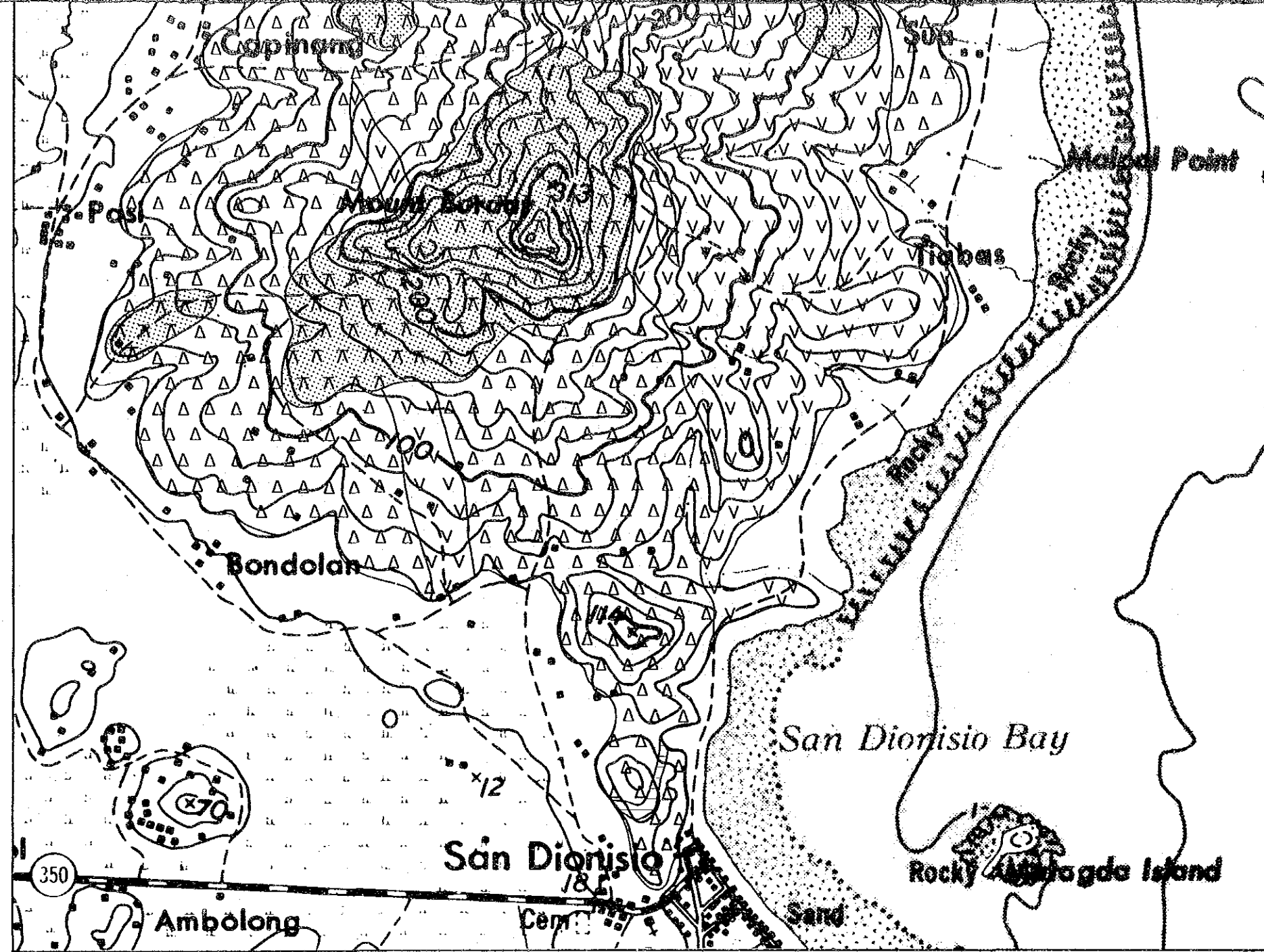



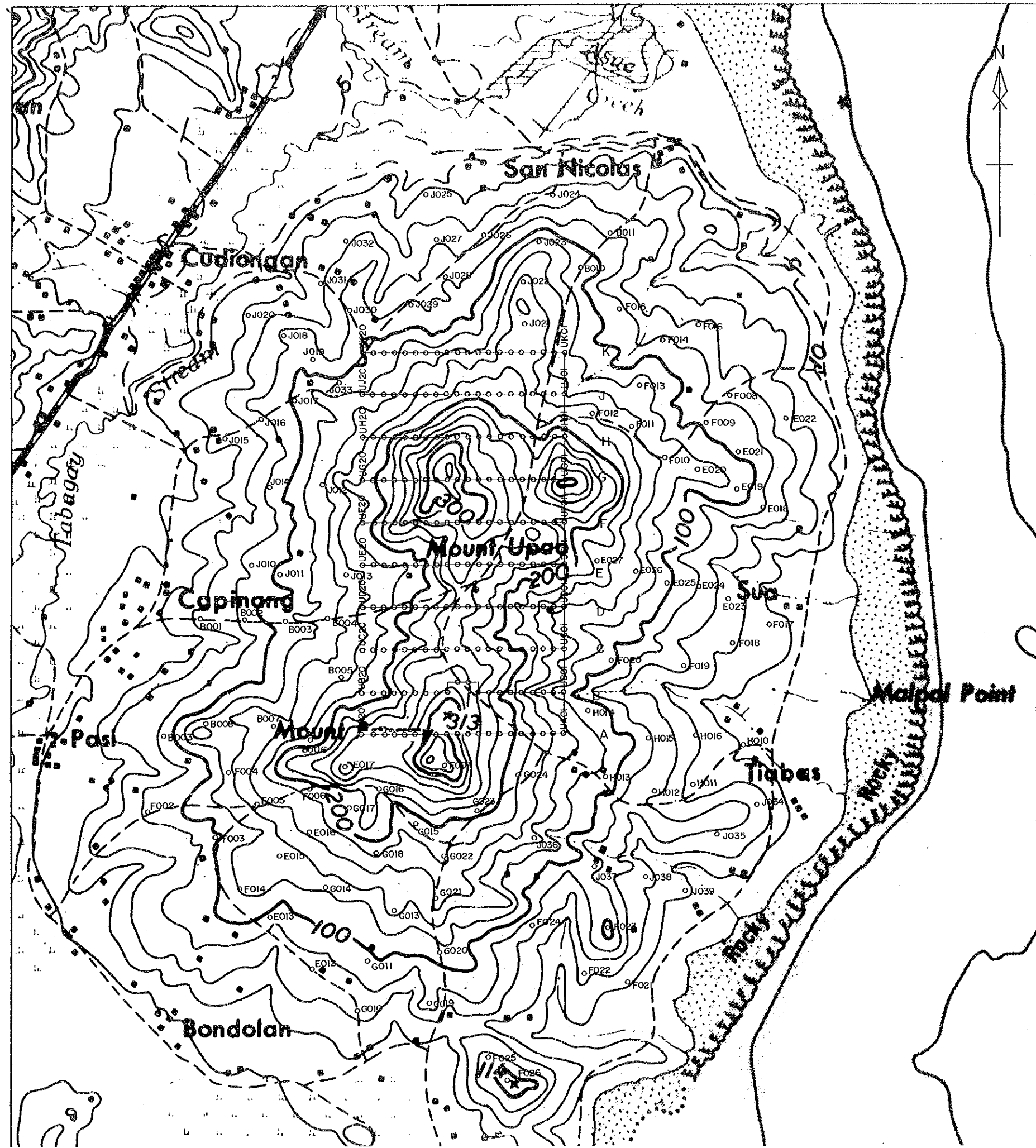
JAPAN INTERNATIONAL COOPERATION AGENCY
METAL MINING AGENCY OF JAPAN
BUREAU OF MINES and GEO-SCIENCES

FEBRUARY 1992

LEGEND

Holocene		Alluvium
Late Pliocene "Odiangan" Volcanics		Andesite (intensively altered)
Early Paleocene Sibolo Formation		Andesitic Agglomerate, Tuff Breccia, with minor Tuff
		Andesite Lava
		Tuffaceous Sandstone, Mudstone
		Mudstone
Intrusive Rock		Quartz diorite
		Dacite, Quartz Porphyry (dyke)
		Gossan
		Fractures





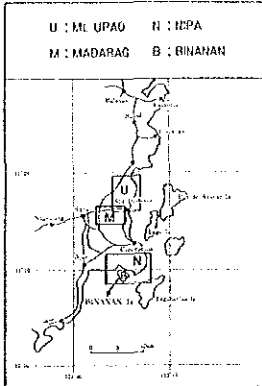
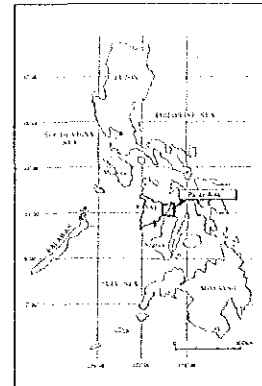
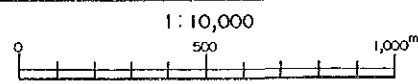
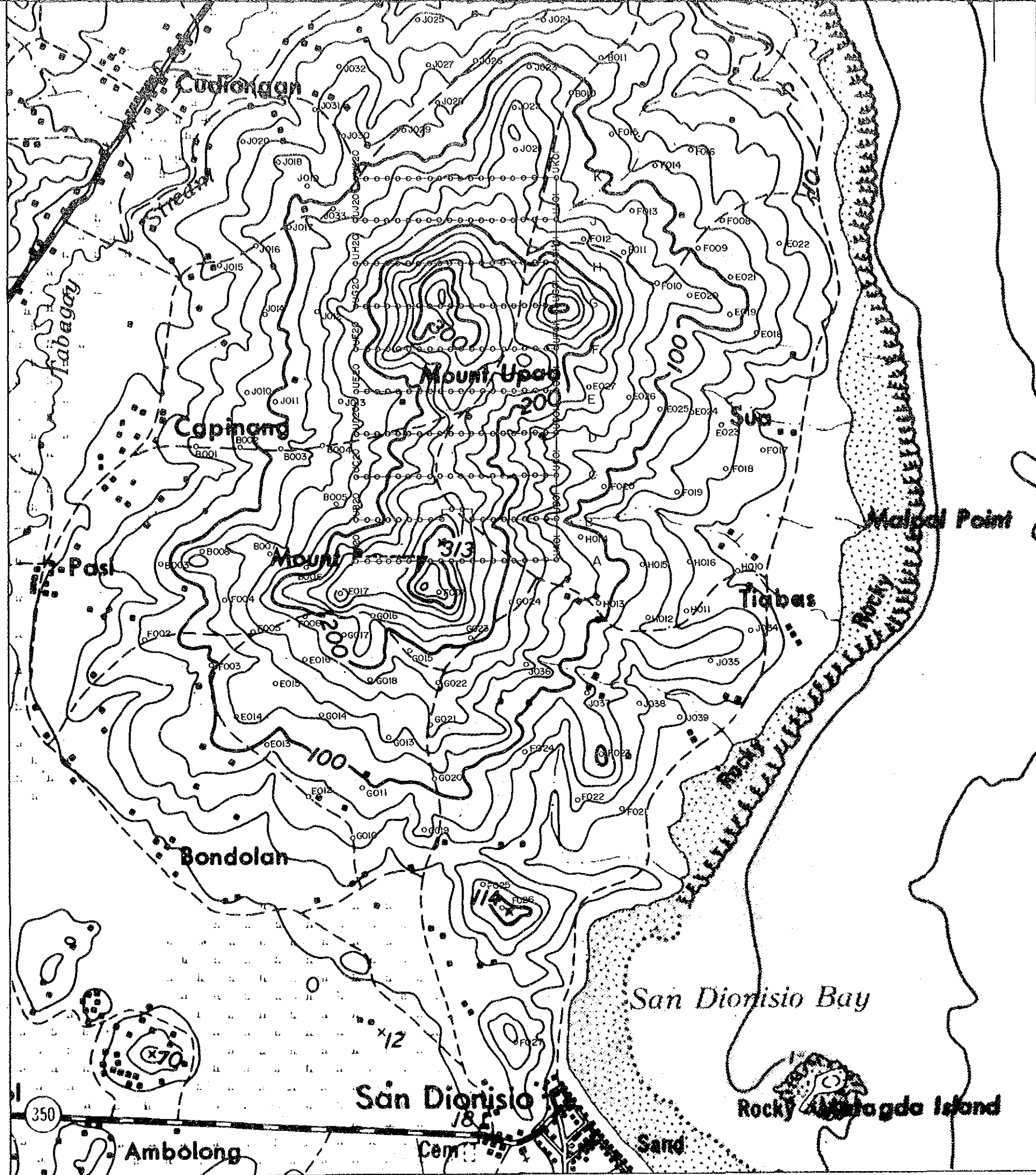
MINERAL EXPLORATION PL. 1-2
 IN
 PANAY AREA
 IN THE REPUBLIC OF THE PHILIPPINES
 Soil Sample Location Map
 Mt. Upao Area

LOCATION INDEX

	U : Mt. UPAO	N : NIPA
	M : MADARAQ	B : BINANAN

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 BUREAU OF MINES and GEO-SCIENCES

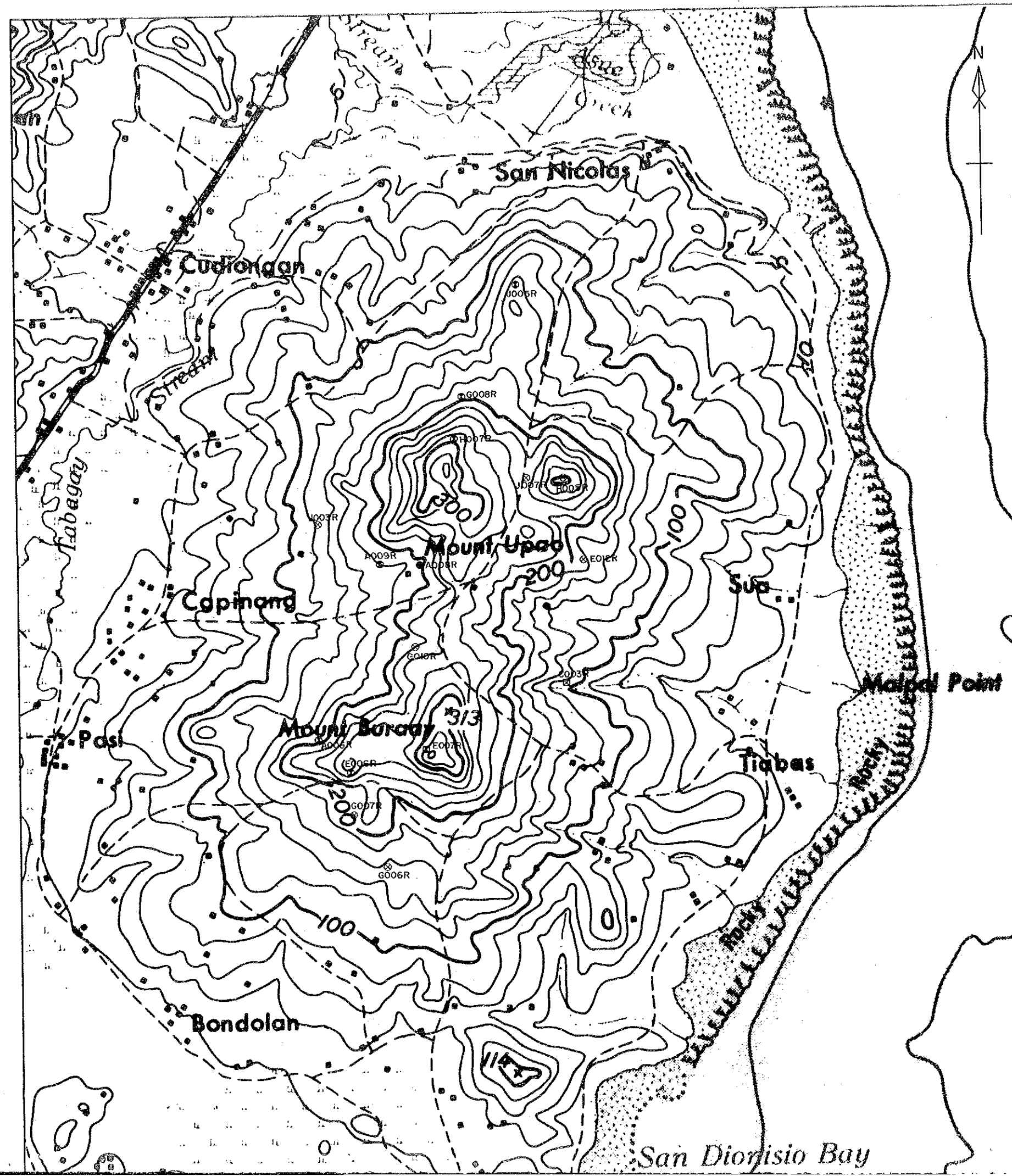
FEBRUARY 1992



U : Mt. UPAG H : NEPA
M : MADARAG B : BINAHAN

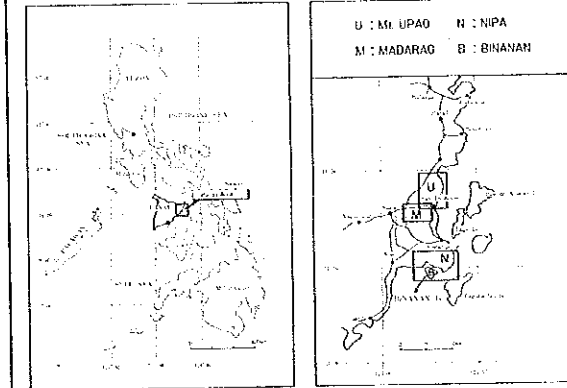
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FEBRUARY 1992



MINERAL EXPLORATION
IN
PANAY AREA
IN THE REPUBLIC OF THE PHILIPPINES
Rock Sample Location Map
Mt. Upao Area

LOCATION INDEX

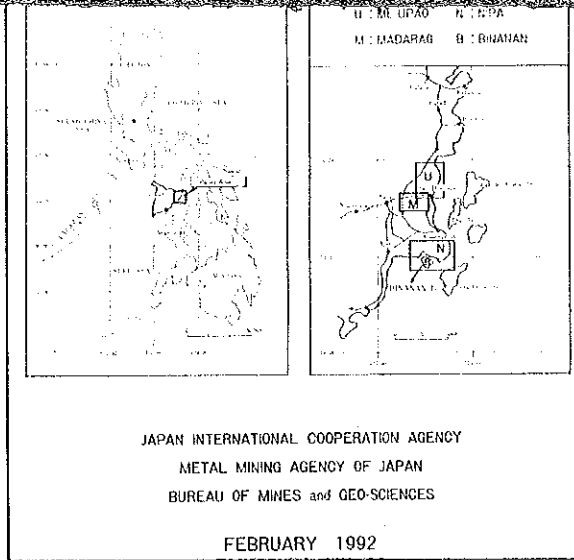
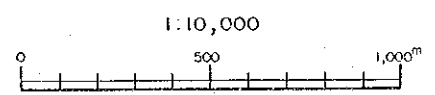
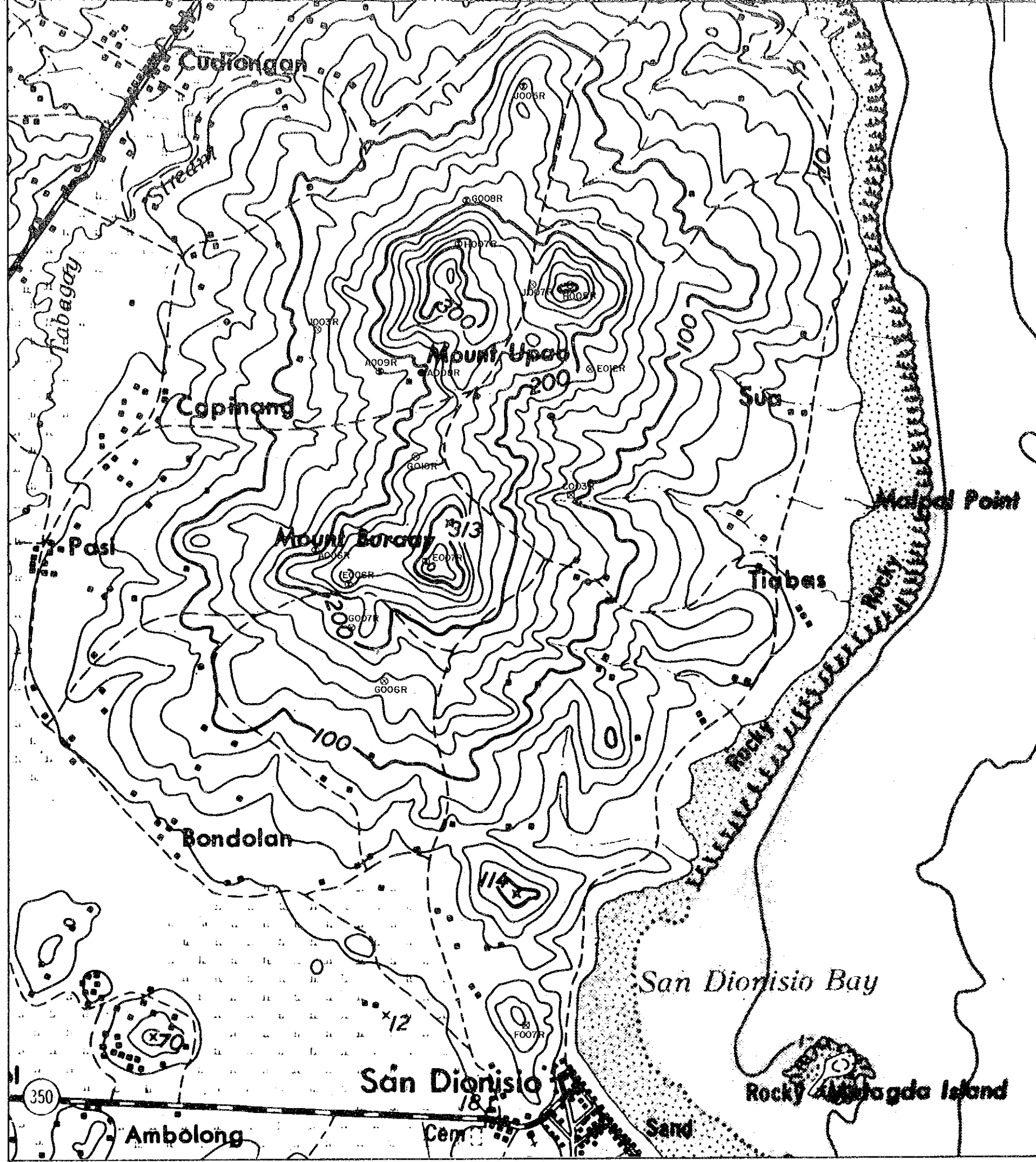


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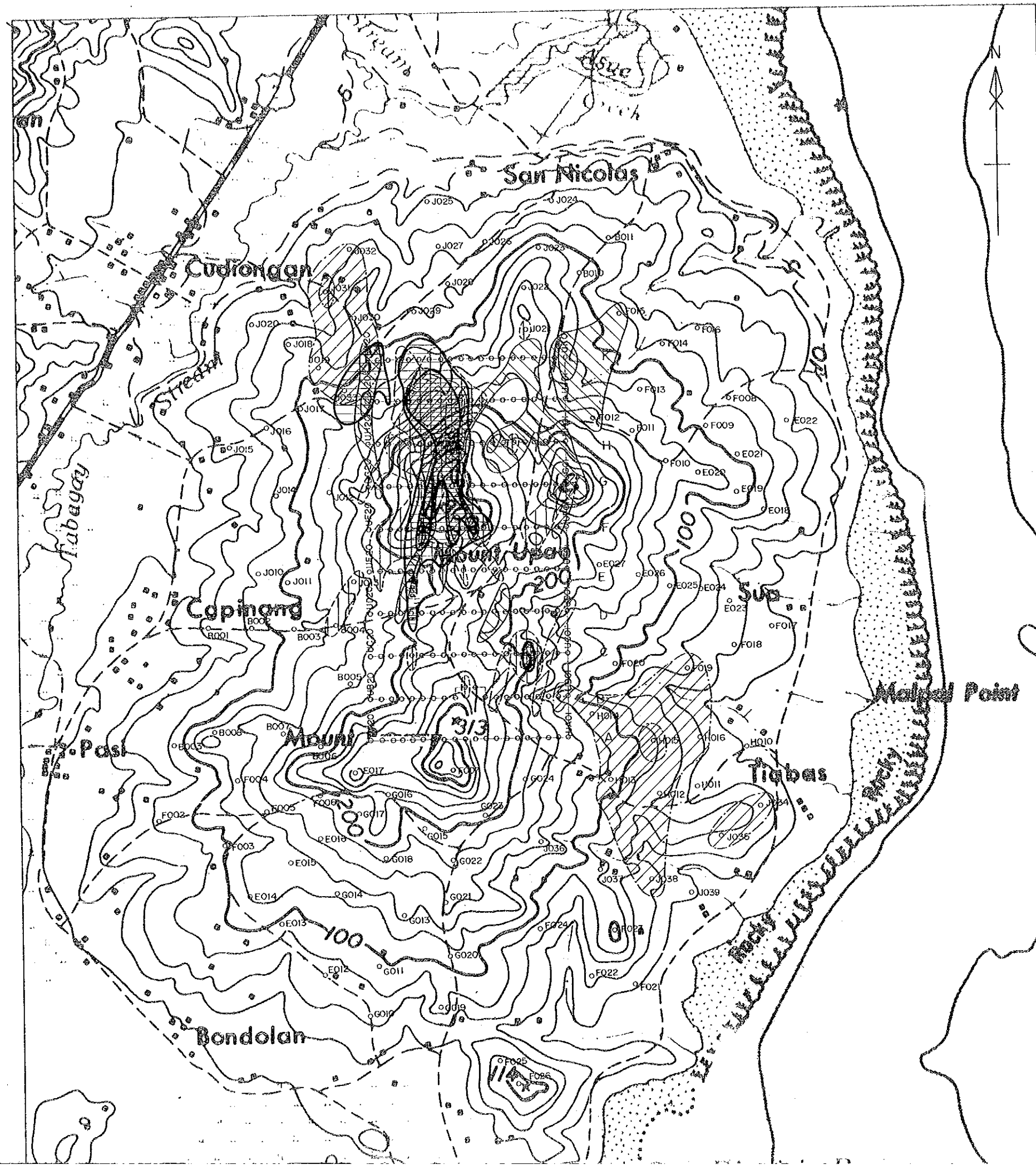
LEGEND

- ⊗ X-Ray Diffraction (XRD)
- Assay for Au, Ag, Cu, Pb, and Zn
- Whole Rock Analysis, and Thin Section
- ⊙ XRD, and Assay (Au, Ag, Cu, Pb & Zn)
- ⊠ XRD, Whole Rock Analysis and Thin Section
- ⊡ XRD, Assay, Whole Rock Analysis and Thin Section
- _p, □_p Polished Section
- _F, □_F Measurement of Homogenization Temperature of Fluid Inclusion
- ^D, □^D Age Determination (K - Ar)



LEGEND

- ⊗ X-Ray Diffraction (XRD)
- Assay for Au, Ag, Cu, Pb, and Zn
- Whole Rock Analysis, and Thin Section
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- ⊞ XRD, Assay, Whole Rock Analysis and Thin Section
- _P, □_P Polished Section
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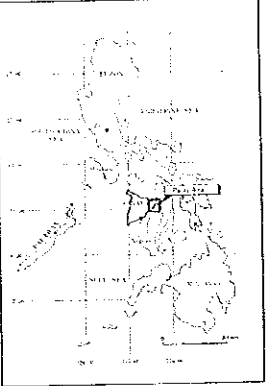


PL. 1-4

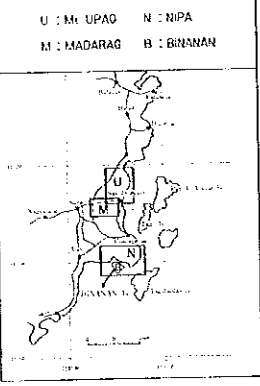
MINERAL EXPLORATION
IN
PANAY AREA
IN THE REPUBLIC OF THE PHILIPPINES

Comprehensive Geochemical Anomaly Map Mt. Upao Area

LOCATION INDEX








U : Mt. UPAO N : NIPA
M : MADARAG B : BINNAN

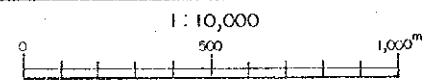
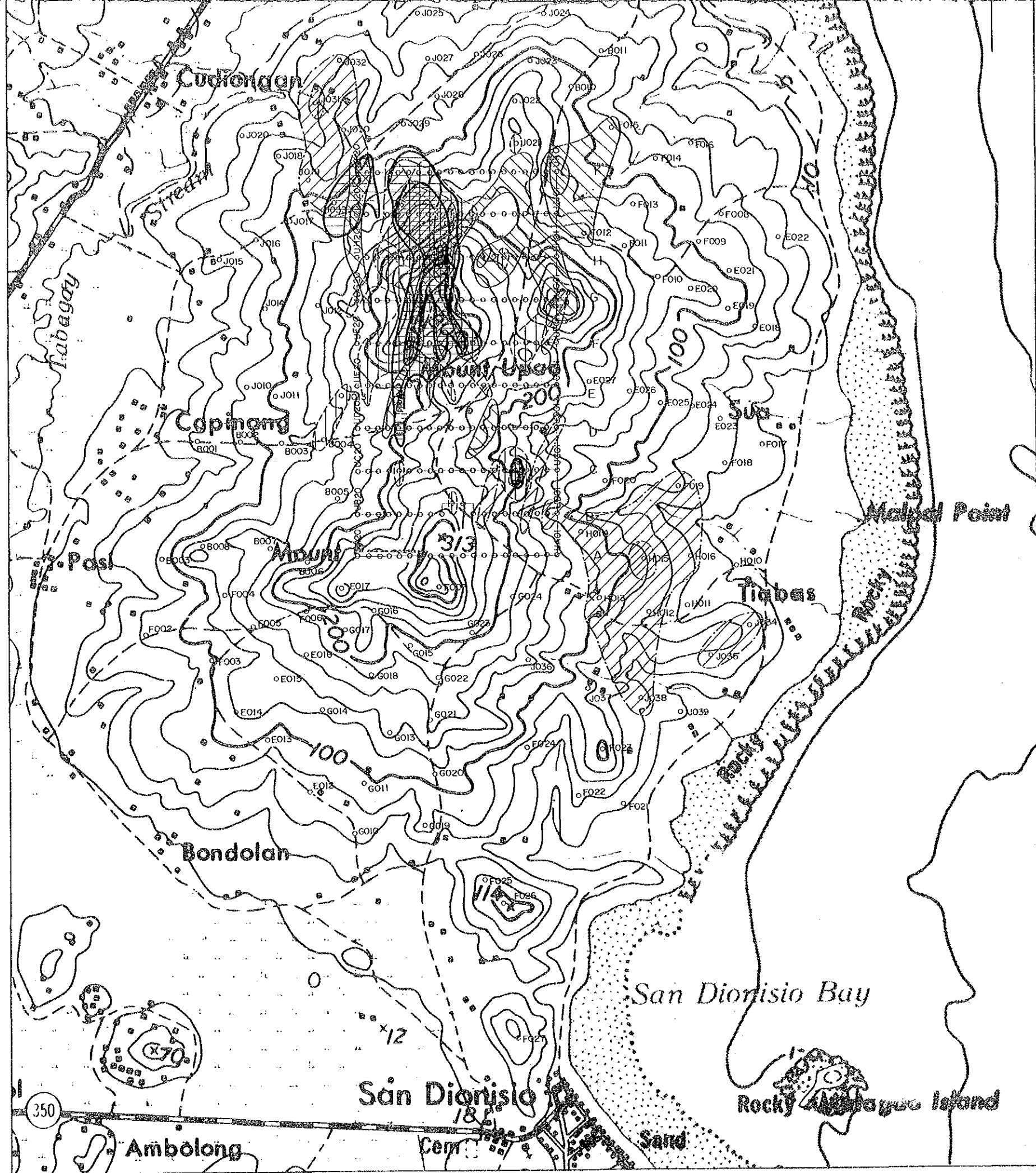


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LEGEND

-  Strong Anomaly, Au
-  Moderate Anomaly, Au
-  P-1
-  P-2
-  P-3



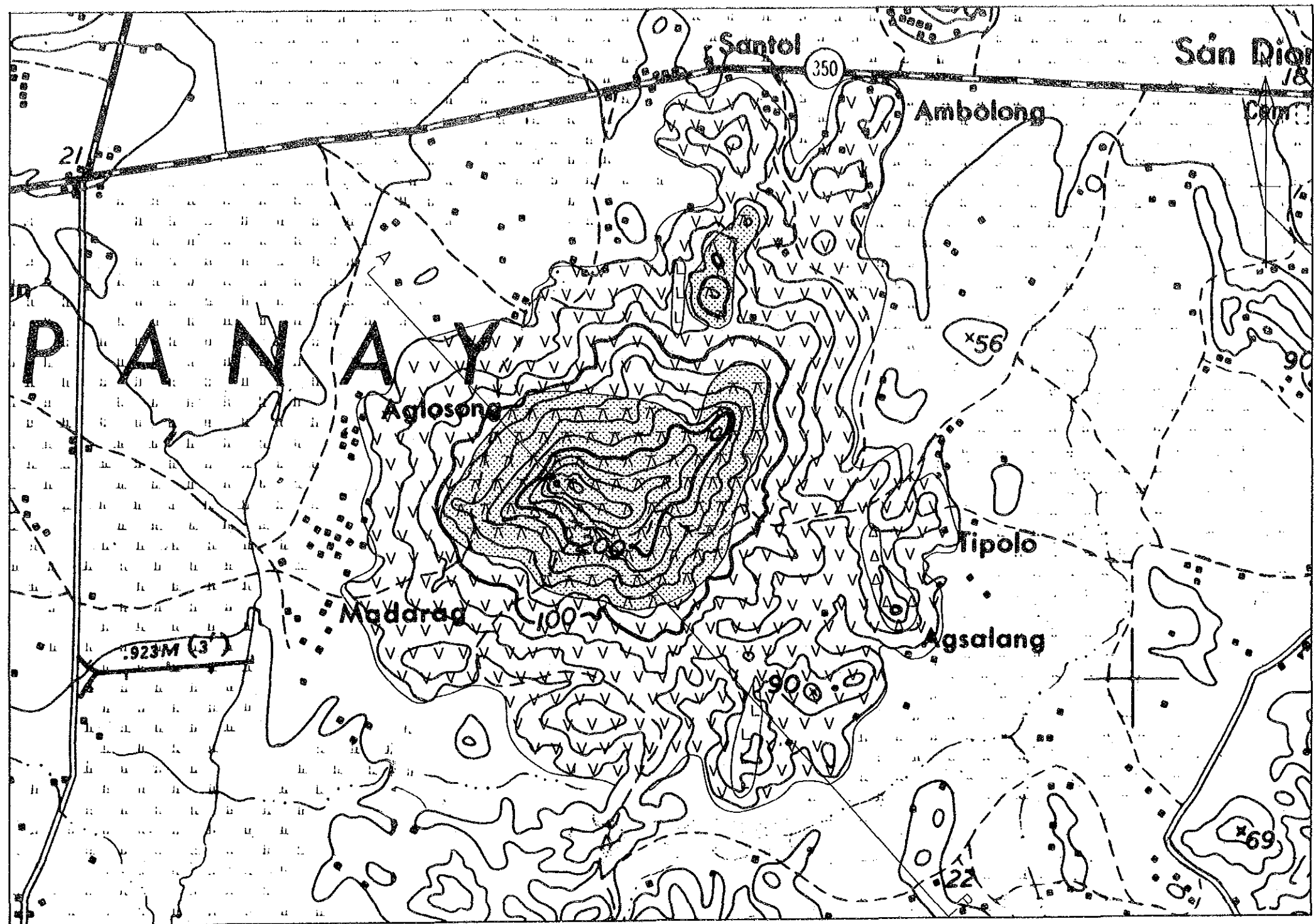
U : MALUPAD N : NIPA
 M : MADARAR B : BINANAN

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 BUREAU OF MINES and GEO-SCIENCES

FEBRUARY 1992

LEGEND

- Strong Anomaly, Au
- Moderate Anomaly, Au
- P-1
- P-1
- P-2
- P-2
- P-3
- P-3

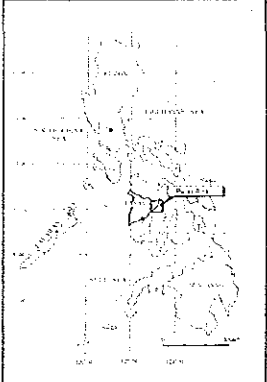


PL. 2-1

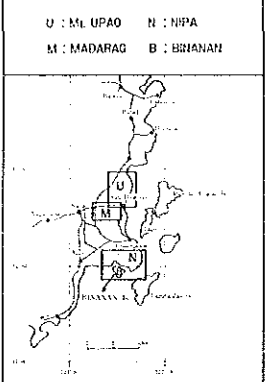
MINERAL EXPLORATION
IN
PANAY AREA
IN THE REPUBLIC OF THE PHILIPPINES

Geologic Map
Madarag Area

LOCATION INDEX



U : Mt. UPAD N : NIPA
M : MADARAG B : BIRANAN



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FEBRUARY 1992

LEGEND

Holocene		Alluvium
Late Pliocene "Odiangon" Volcanics		Andesite (intensively altered)
Early Paleocene Sibolo Formation		Andesitic Agglomerate, Tuff Breccio, with minor Tuff
		Andesite Lava
		Tuffaceous Sandstone, Mudstone
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		Gossan
		Fractures

