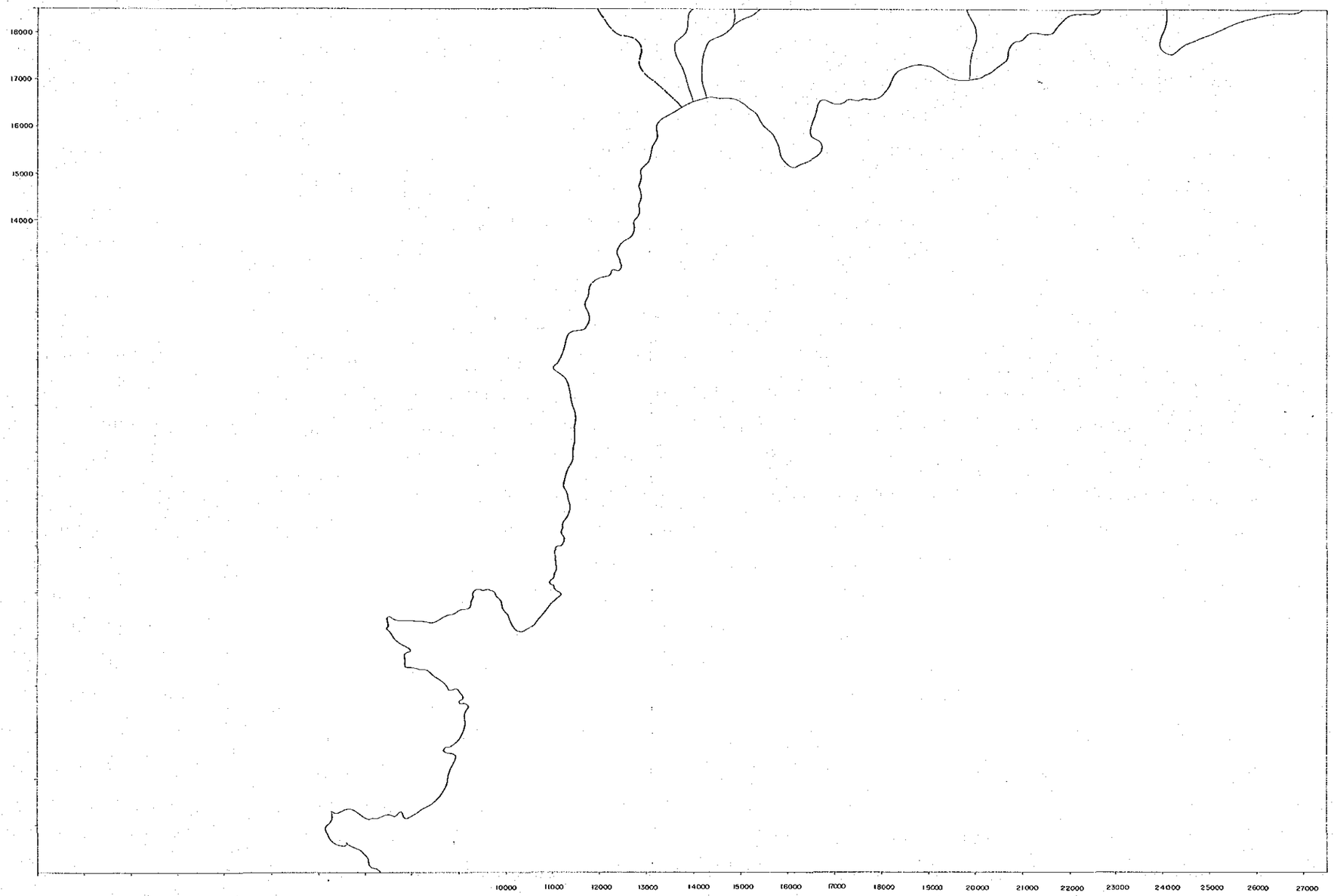
PANITIAN

MAP NO.2647 III



PL-4-12
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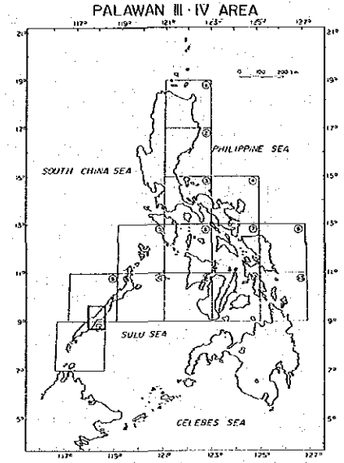
THE MINERAL EXPLORATION
– MINERAL DEPOSITS AND TECTONICS OF TWO CONTRASTING GEOLOGIC ENVIRONMENTS –
IN
THE REPUBLIC OF THE PHILIPPINES
PHASE III

SAMPLING POINT, pH VALUES AND ELECTRIC CONDUCTIVITY VALUES

PALAWAN III · IV AREA



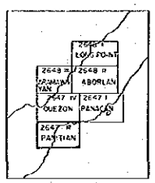
JAPAN INTERNATIONAL COOPERATION AGENCY
METAL MINING AGENCY OF JAPAN

Feb. 1987

Scale 1 : 50,000

0 2 4 km

LEGEND



○ : Sampling point (Stream sediment, heavy mineral)

(7.0) : pH

280 : Electric conductivity (μs/cm)

B-48 : Sampling point (for laboratory work)

Ⓣ; Thin Section Ⓟ; Polished Section

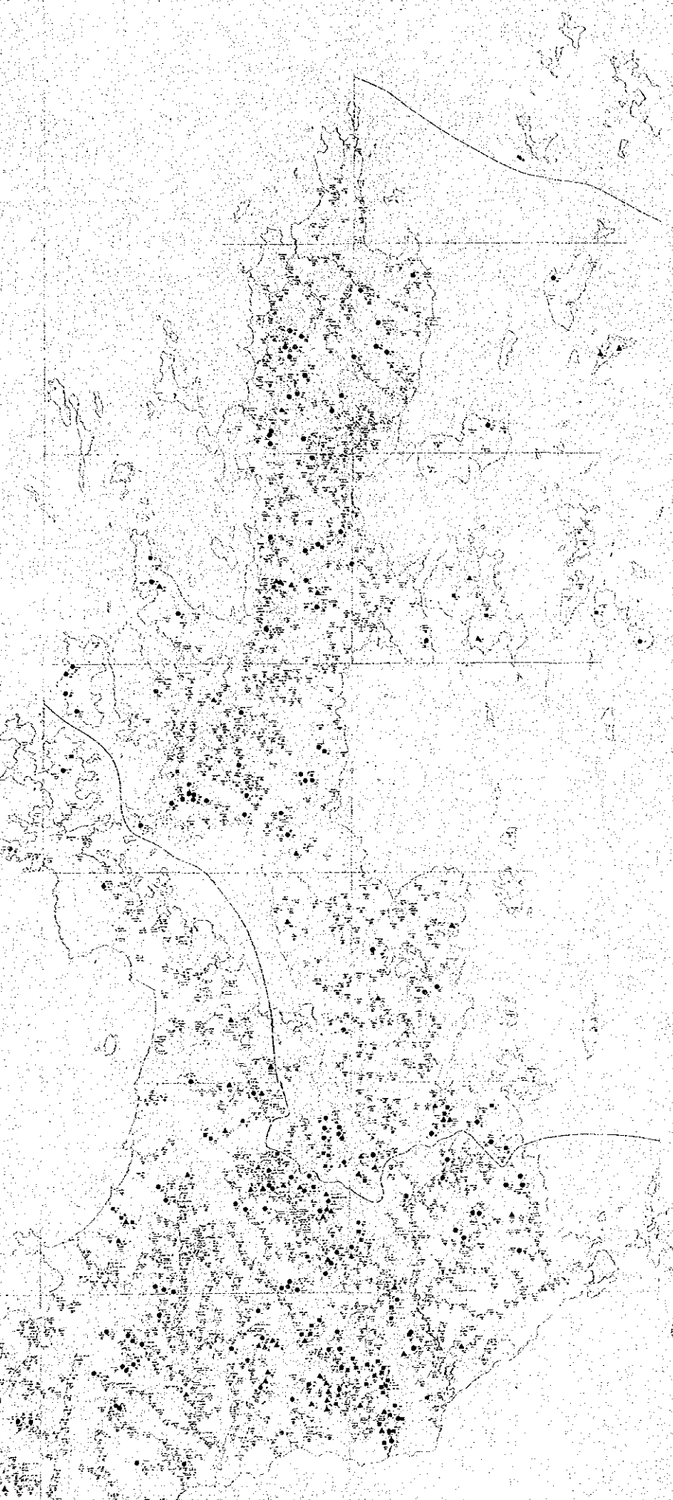
Ⓧ; X-Ray Analysis Ⓦ; Whole Rock Analysis

Ⓒ; Ore Assay Ⓚ; K-Ar Dating

Cu

Cu (ppm) — Statistical Classification Table

Lithological Code	No. of Sample	Mean Value	Threshold Value	Anomaly Possibly ■	Anomaly Probably ▲	Highly ●
B M	11	7.43	31.79	20 ~ 31	32 ~ 51	52~
P A	10	11.45	34.30	24 ~ 34	35 ~ 49	50~
B T	938	10.07	22.33	17 ~ 22	23 ~ 29	30~
G U	54	8.32	18.38	15 ~ 18	19 ~ 23	24~
L I	411	10.80	30.89	22 ~ 30	31 ~ 43	44~
B A	173	8.03	20.95	16 ~ 20	21 ~ 28	29~
P T	1,215	7.40	14.75	12 ~ 14	15 ~ 18	19~
P C	494	5.71	19.47	13 ~ 19	20 ~ 29	30~
S P	2	8.94	11.35	11 ~	12 ~	13~
G D	61	5.53	16.53	12 ~ 16	17 ~ 23	24~



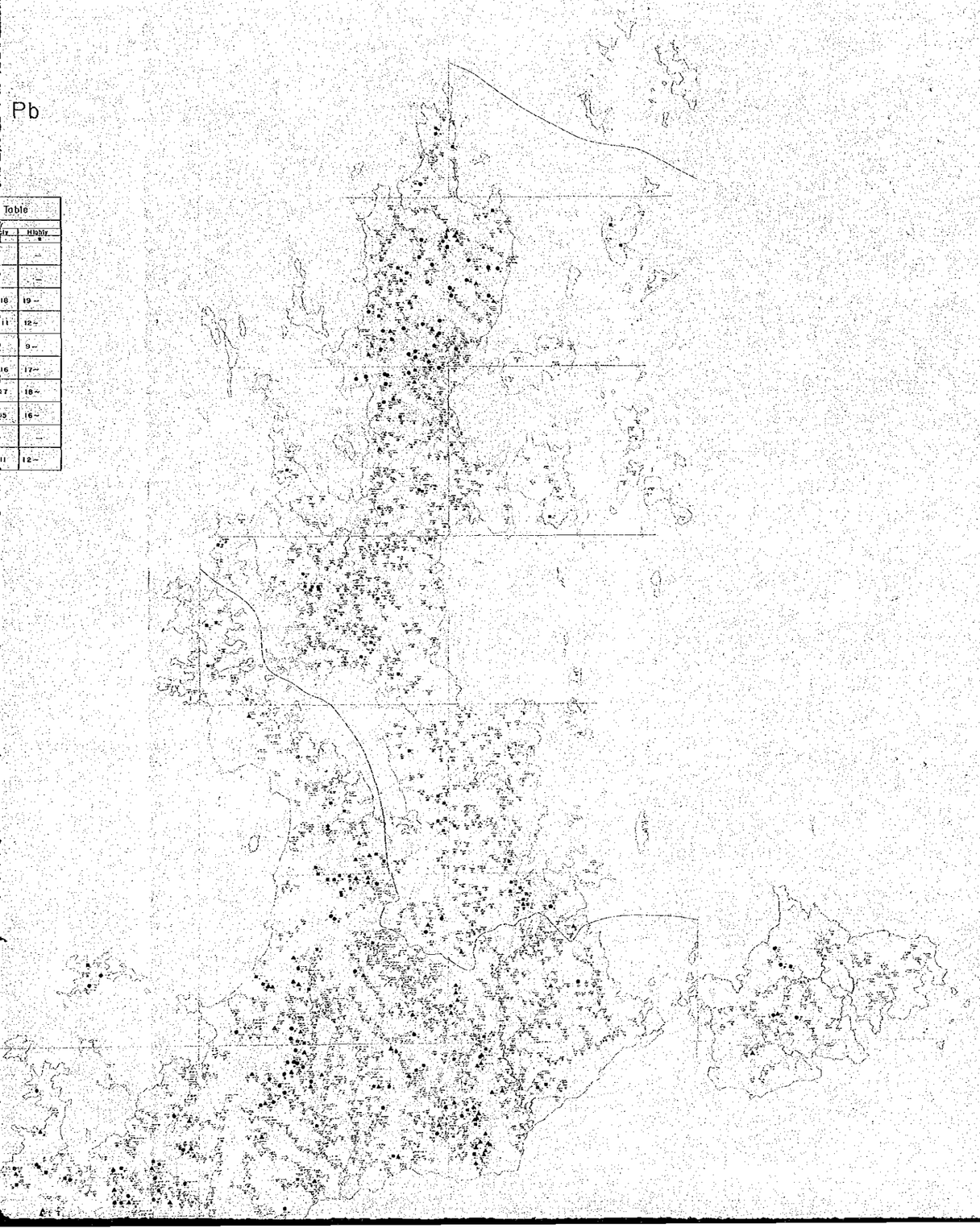
Pb

Pb (ppm) — Statistical Classification Table

Lithological Code	No. of Sample	Mean Value	Threshold Value	Anomaly Possibly ■	Anomaly Probably ▲	Highly ●
B M	11	5	5	—	—	—
P A	10	5	5	—	—	—
B T	938	8.23	14.69	12 ~ 14	15 ~ 18	19~
G U	54	5.06	9.79	8 ~ 9	10 ~ 11	12~
L I	411	5.36	7.58	6 ~ 7	8 ~	9~
B A	173	7.00	13.62	10 ~ 13	14 ~ 16	17~
P T	1,215	6.34	14.68	12 ~ 14	15 ~ 17	18~
P C	494	6.72	12.84	10 ~ 12	13 ~ 15	16~
S P	2	5	5	—	—	—
G D	61	5.84	9.46	8 ~ 9	10 ~ 11	12~

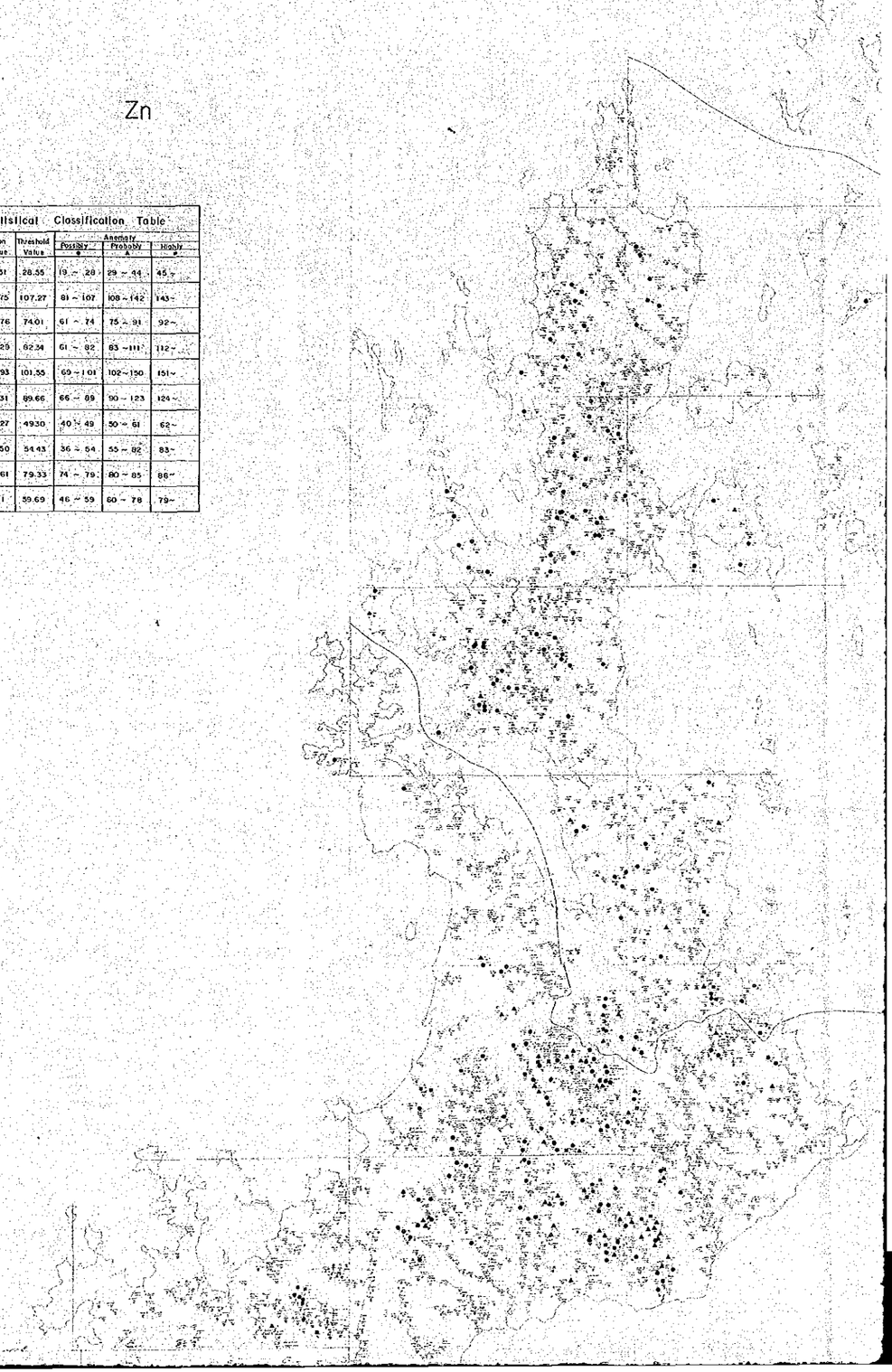
Pb

Table	
ly	Highly
	●
	–
	–
18	19 ~
11	12 ~
	9 ~
16	17 ~
17	18 ~
15	16 ~
	–
11	12 ~



Zn

Zn (ppm)	Statistical Classification Table					
Lithological Code	No. of Samply	Mean Value	Threshold Value	Anomaly Possibly ●	Anomaly Probably ▲	Anomaly Highly ■
B M	11	7.31	28.55	19 ~ 28	29 ~ 44	45 ~
P A	10	45.75	107.27	81 ~ 107	108 ~ 142	143 ~
B T	938	39.76	74.01	61 ~ 74	75 ~ 91	92 ~
G U	54	33.29	62.34	61 ~ 82	83 ~ 111	112 ~
L I	411	30.93	101.55	69 ~ 101	102 ~ 150	151 ~
B A	173	34.31	89.66	66 ~ 89	90 ~ 123	124 ~
P T	1,215	25.27	49.30	40 ~ 49	50 ~ 61	62 ~
P C	494	15.50	54.43	36 ~ 54	55 ~ 82	83 ~
S P	2	62.61	79.33	74 ~ 79	80 ~ 85	86 ~
G D	61	26.11	59.69	46 ~ 59	60 ~ 78	79 ~



Zn

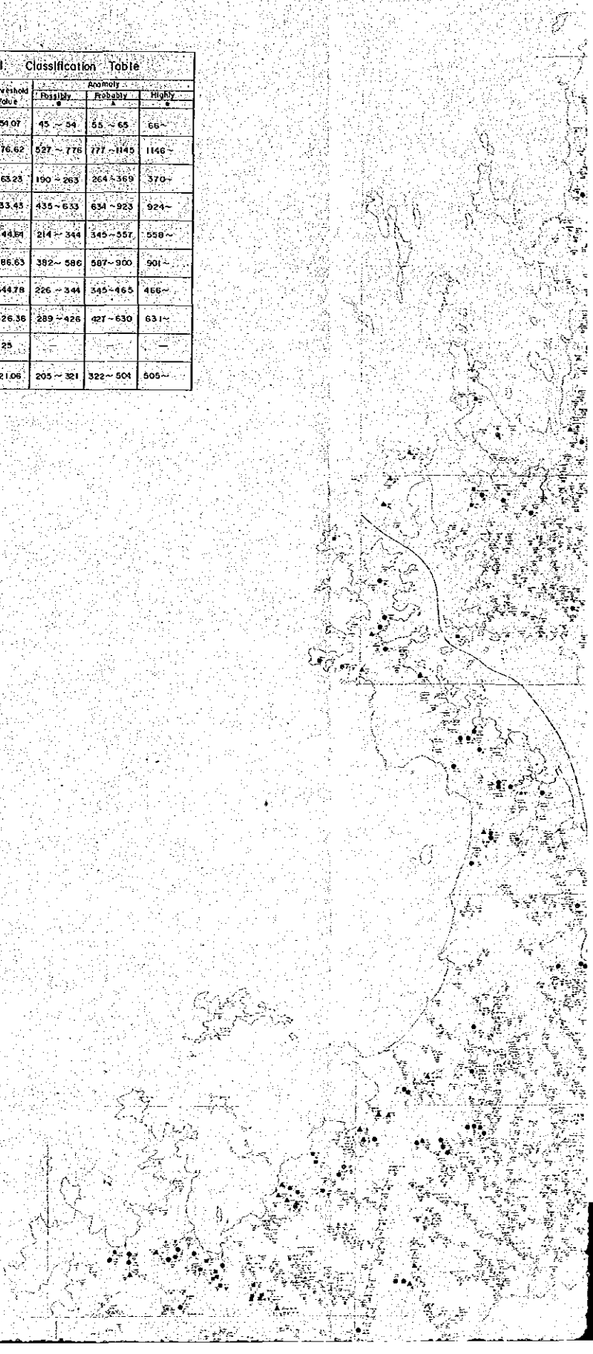
Zn (ppm) — Statistical Classification Table

Lithological Code	No. of Sample	Mean Value	Threshold Value	Anomaly Possibly ●	Anomaly Probably ▲	Anomaly Highly ★
B M	11	7.31	28.55	19 ~ 28	29 ~ 44	45 ~
P A	10	45.75	107.27	81 ~ 107	108 ~ 142	143 ~
B T	938	39.76	74.01	61 ~ 74	75 ~ 91	92 ~
G U	54	33.29	82.34	61 ~ 82	83 ~ 111	112 ~
L I	411	30.93	101.55	69 ~ 101	102 ~ 150	151 ~
B A	173	34.31	89.66	66 ~ 89	90 ~ 123	124 ~
P T	1,215	25.27	49.30	40 ~ 49	50 ~ 61	62 ~
P C	494	15.50	54.43	36 ~ 54	55 ~ 82	83 ~
S P	2	62.61	79.33	74 ~ 79	80 ~ 85	86 ~
G D	61	26.11	59.69	46 ~ 59	60 ~ 78	79 ~

Sb

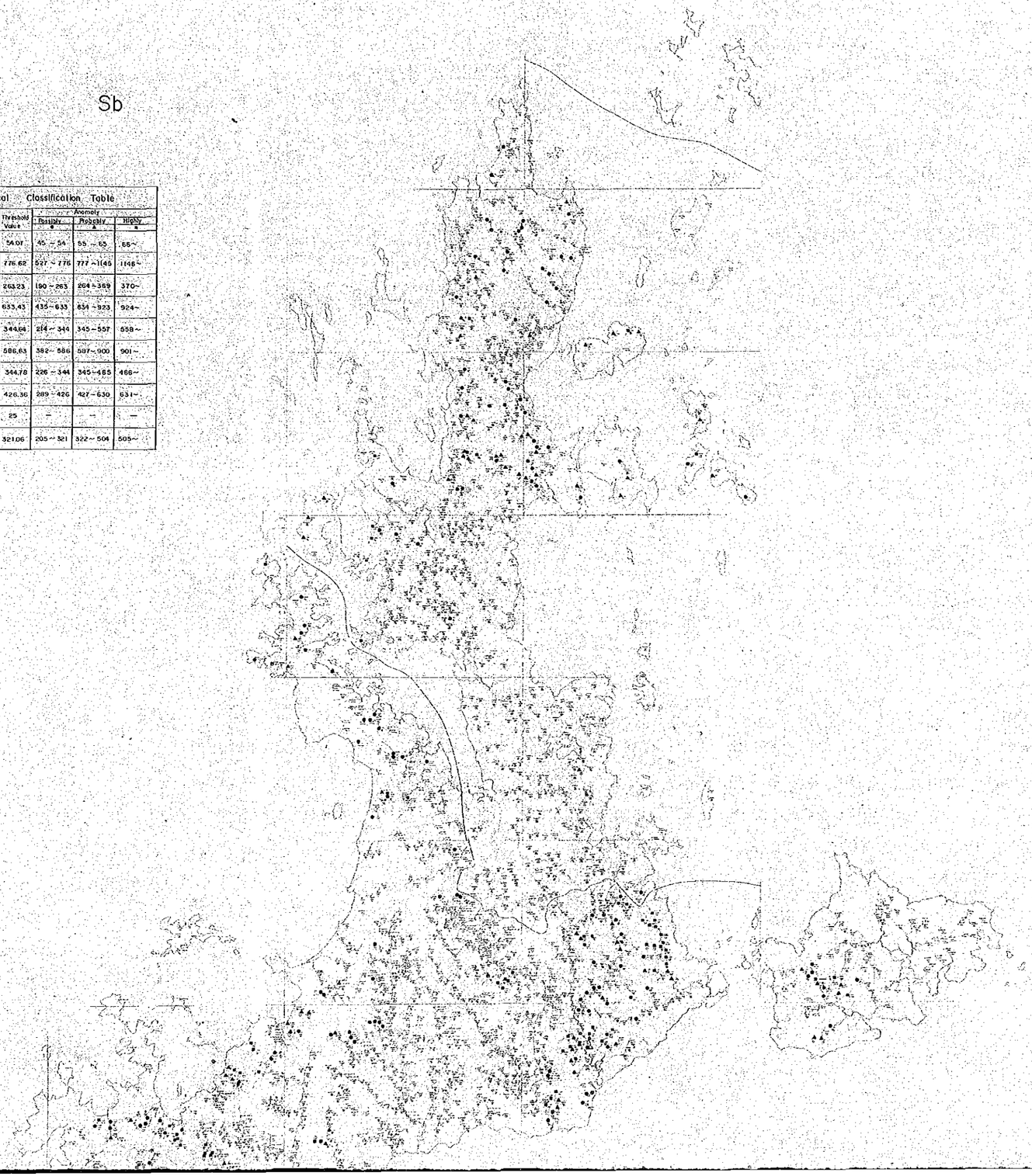
Sb (ppm) — Statistical Classification Table

Lithological Code	No. of Sample	Mean Value	Threshold Value	Anomaly Possibly ●	Anomaly Probably ▲	Anomaly Highly ★
B M	11	29.87	54.07	45 ~ 54	55 ~ 65	66 ~
P A	10	242.10	776.62	527 ~ 776	777 ~ 1145	1146 ~
B T	938	98.78	263.25	190 ~ 263	264 ~ 369	370 ~
G L	54	204.45	633.45	435 ~ 633	634 ~ 923	924 ~
L I	411	81.52	344.84	214 ~ 344	345 ~ 557	558 ~
B A	173	161.69	586.63	382 ~ 586	587 ~ 900	901 ~
P T	1,215	140.04	344.78	226 ~ 344	345 ~ 465	466 ~
P C	494	131.71	426.36	289 ~ 426	427 ~ 630	631 ~
S P	2	25	25	—	—	—
G D	61	82.52	321.06	205 ~ 321	322 ~ 504	505 ~



Sb

Sb (ppm)	Statistical Classification Table					
				Anomaly		
Lithological Code	No. of Sample	Mean Value	Threshold Value	Possibly ●	Probably ▲	Highly ■
B M	11	29.87	54.07	45 ~ 54	55 ~ 65	66~
P A	10	242.10	776.62	527 ~ 776	777 ~ 1145	1146~
B T	938	98.78	263.23	190 ~ 263	264 ~ 369	370~
G L	54	204.45	633.43	435 ~ 633	634 ~ 923	924~
L I	411	81.52	344.64	214 ~ 344	345 ~ 557	558~
B A	173	161.69	586.63	382 ~ 586	587 ~ 900	901~
P T	1,215	140.04	344.78	226 ~ 344	345 ~ 465	466~
P C	494	131.71	426.36	289 ~ 426	427 ~ 630	631~
S P	2	25	25	—	—	—
G D	61	82.52	321.06	205 ~ 321	322 ~ 504	505~



PL-5-1

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THE MINERAL EXPLORATION
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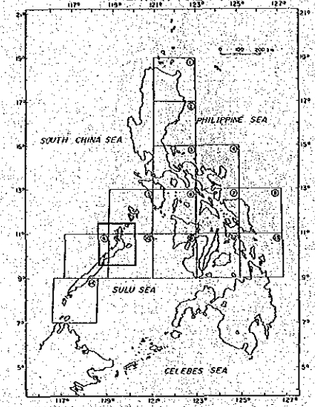
PHASE III

DISTRIBUTION GEOCHEMICAL ANOMALIES OF STREAM SEDIMENT SAMPLES(UNIVARIATE ANALYSIS)

PALAWAN AREA (1) Part I



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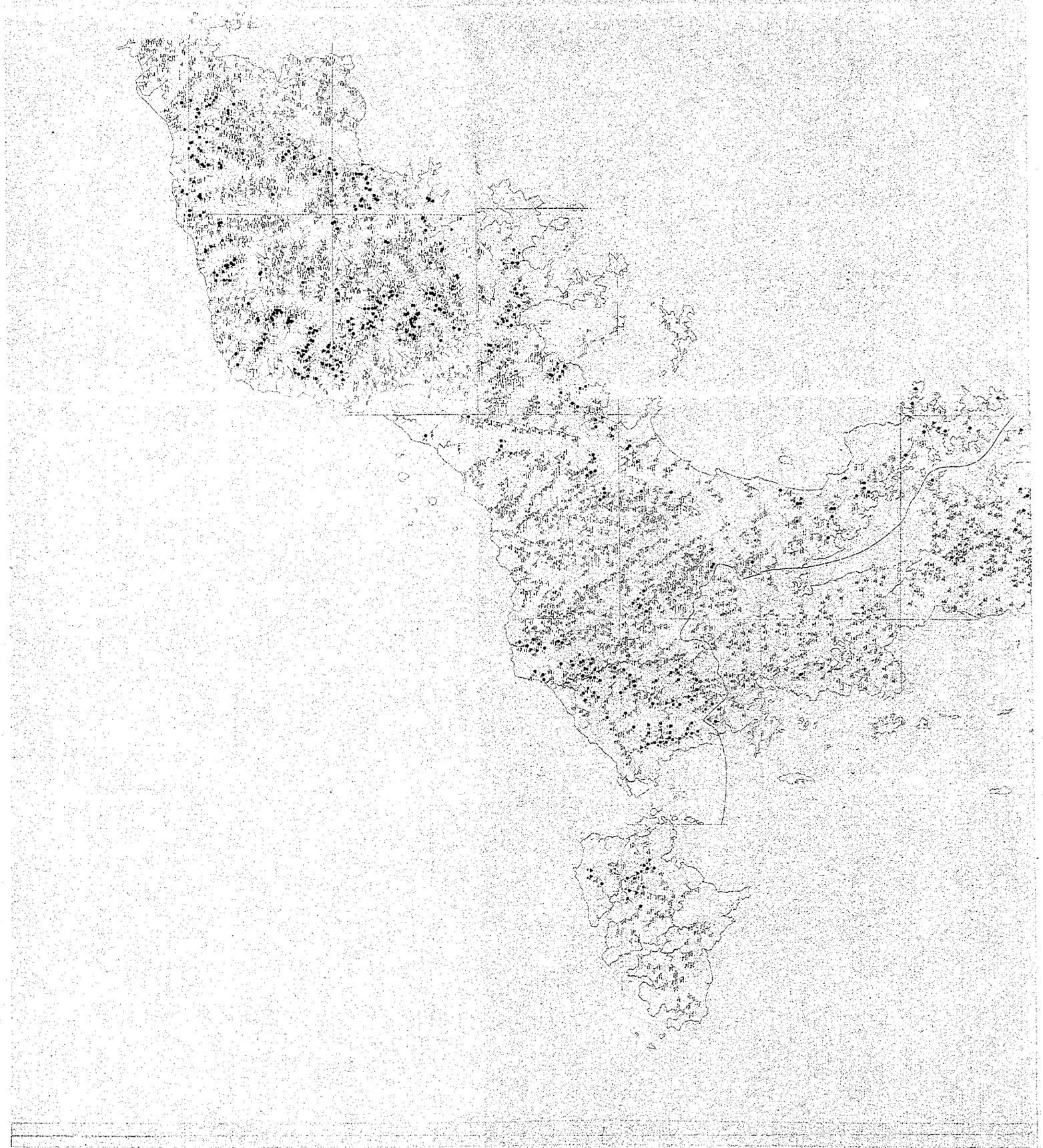
METAL MINING AGENCY OF JAPAN
Feb. 1987

Scale 1 : 250,000

0 10 20 km