

REPORT
ON
THE COOPERATIVE MINERAL EXPLORATION
IN
THE KRA BURI AREA, THE KINGDOM OF THAILAND

PHASE II

MARCH 1993

JAPAN INTERNATIONAL COOPERATION AGENCY
METAL MINING AGENCY OF JAPAN

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REPORT ON THE COOPERATIVE MINERAL EXPLORATION
IN THE KRA BURI AREA, THE KINGDOM OF THAILAND

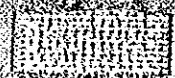
PHASE I

MARCH 1993

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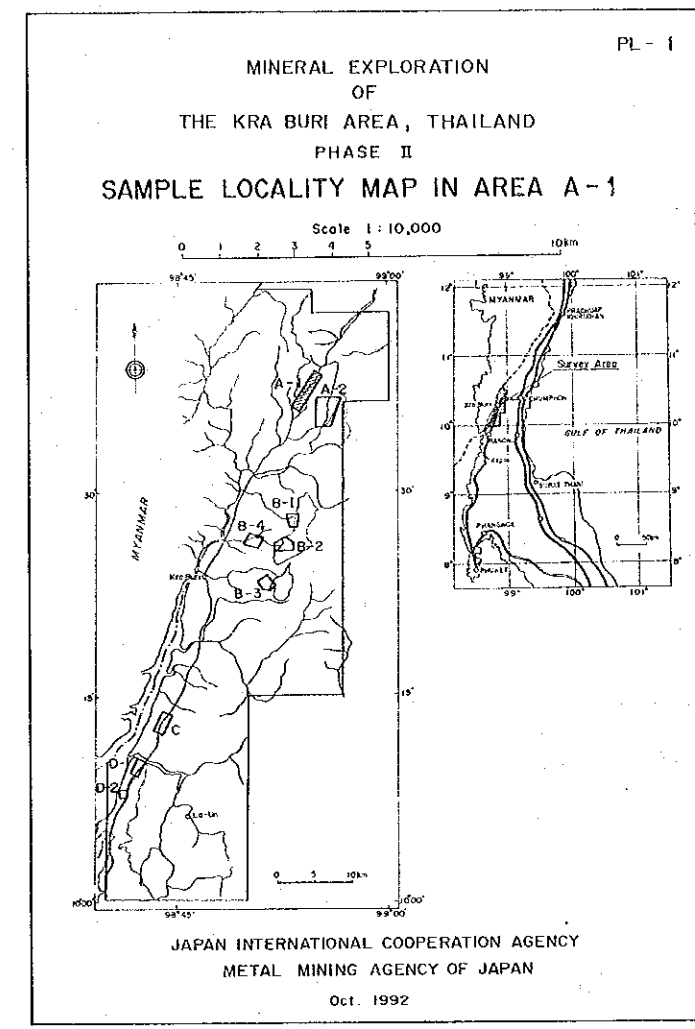
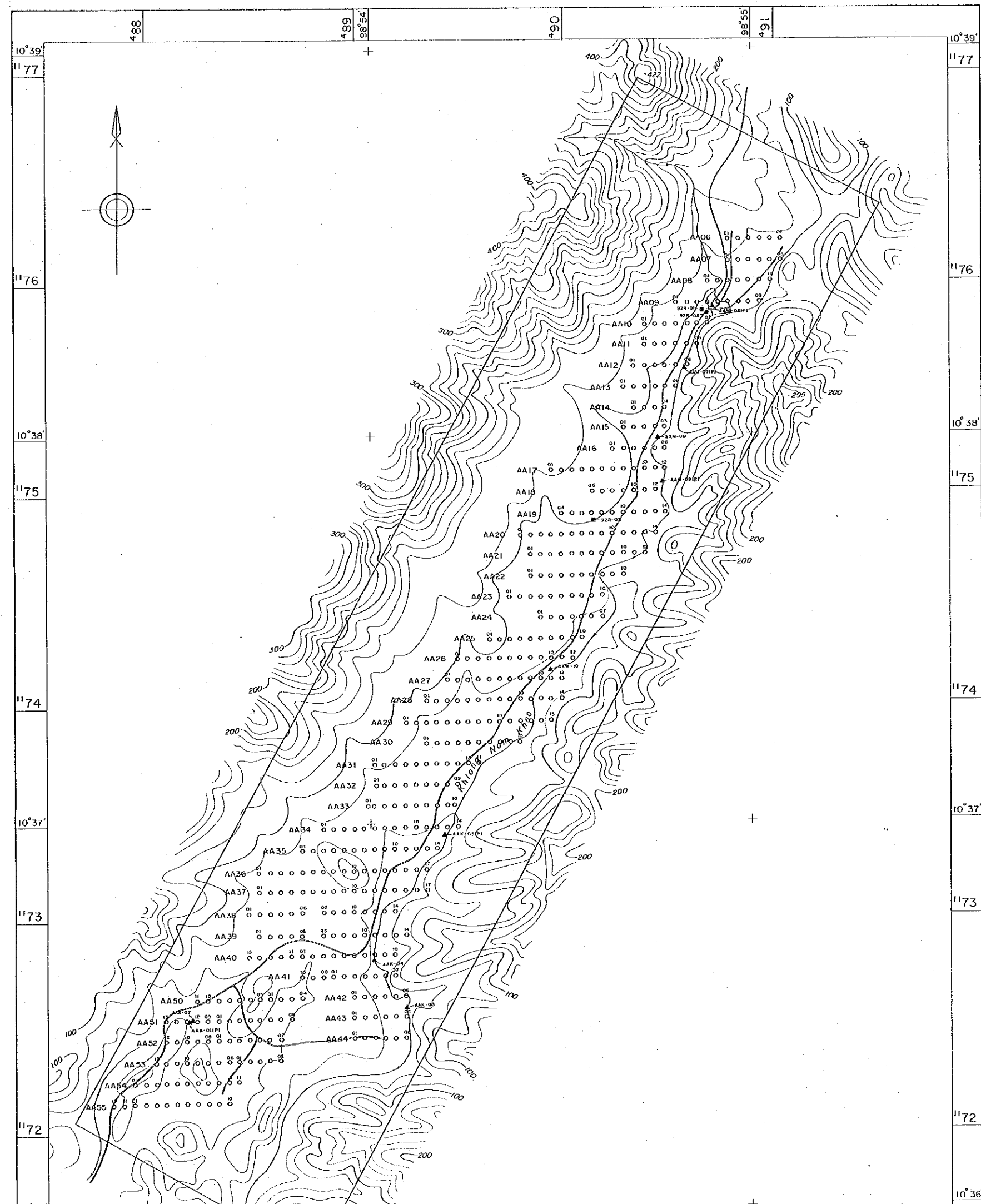
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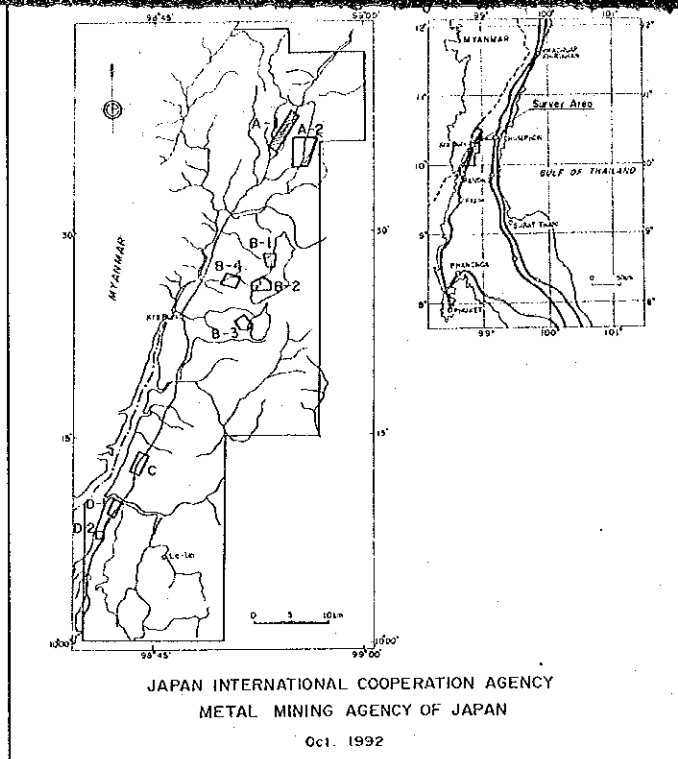
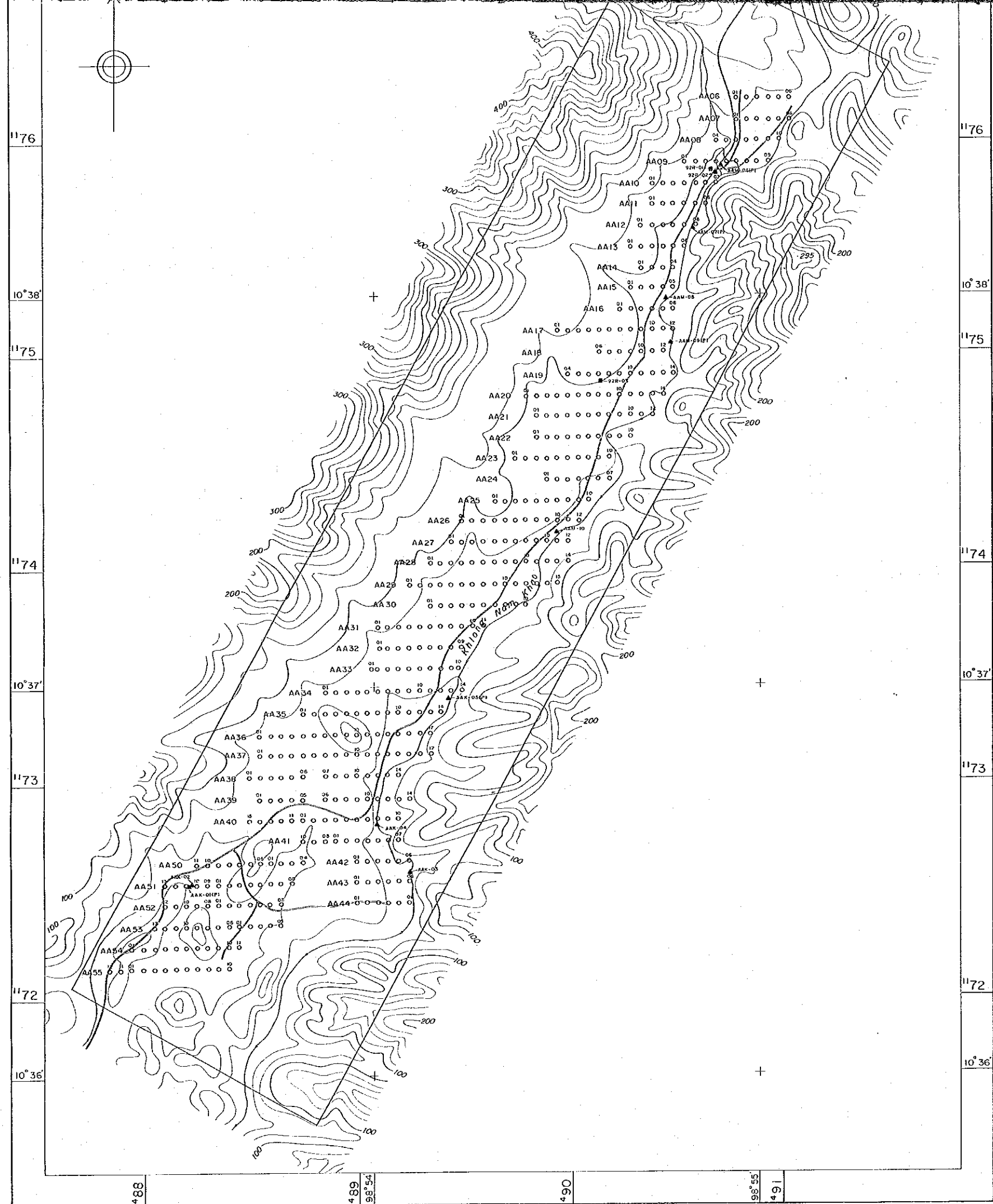
国際協力事業団

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LEGEND

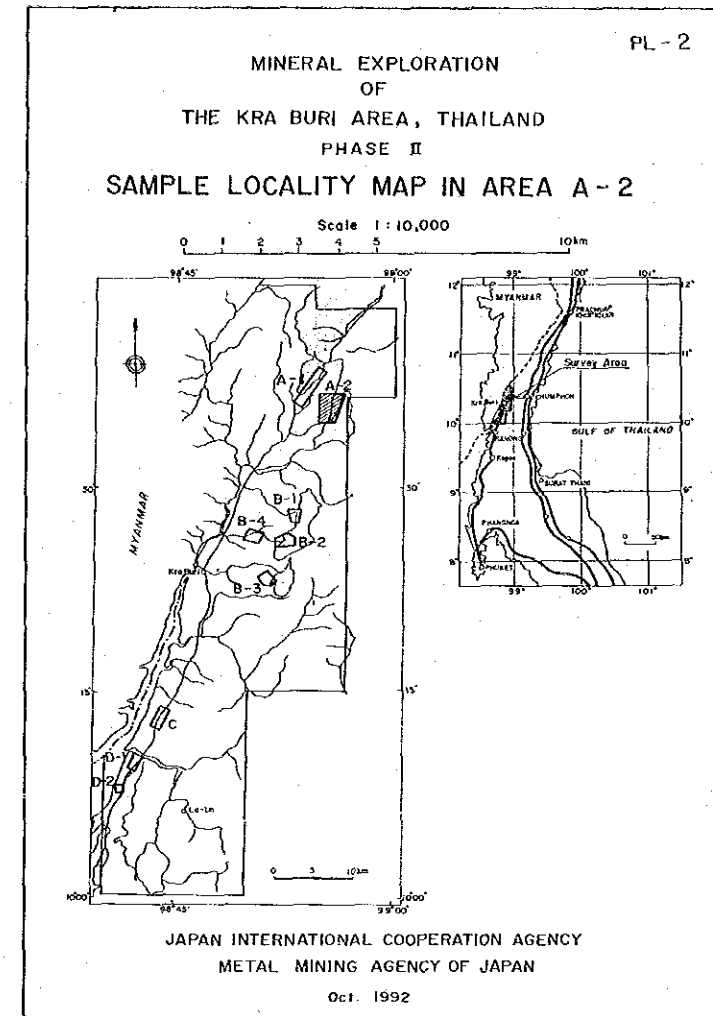
- Soil sample
 - AA13 09
line No. point No.
- Panned sample
 - ▲ AAK-06 (P)
polished section
- Rock sample
 - 92R-04 (C)
chemical analysis only



JAPAN INTERNATIONAL COOPERATION AGENCY
METAL MINING AGENCY OF JAPAN
Oct. 1992

LEGEND

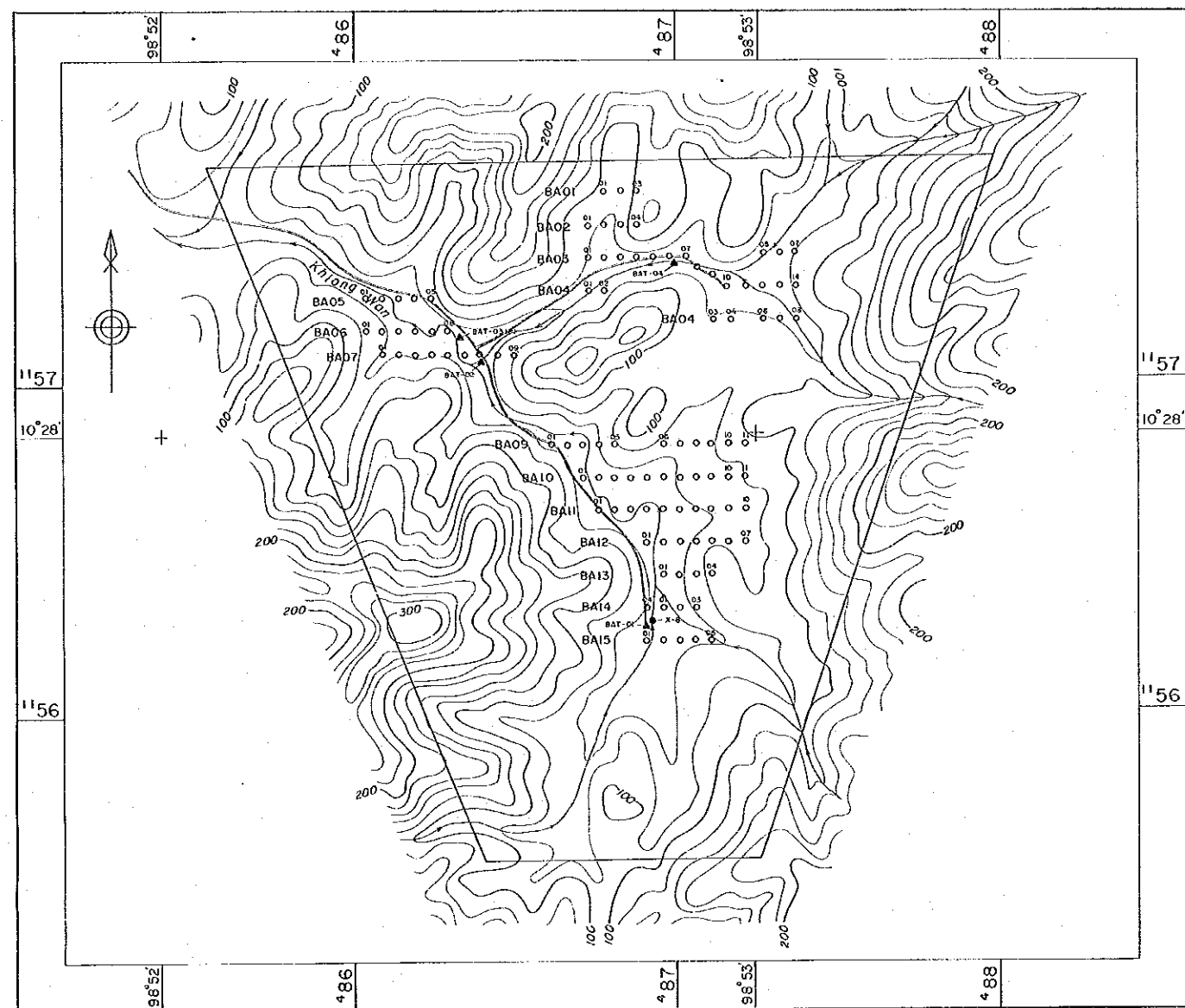
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 - AA1309
line No. point No.
- Panned sample
 - ▲ AAK-06(P)
polished section
- Rock sample
 - 92R-04(C)
chemical analysis only



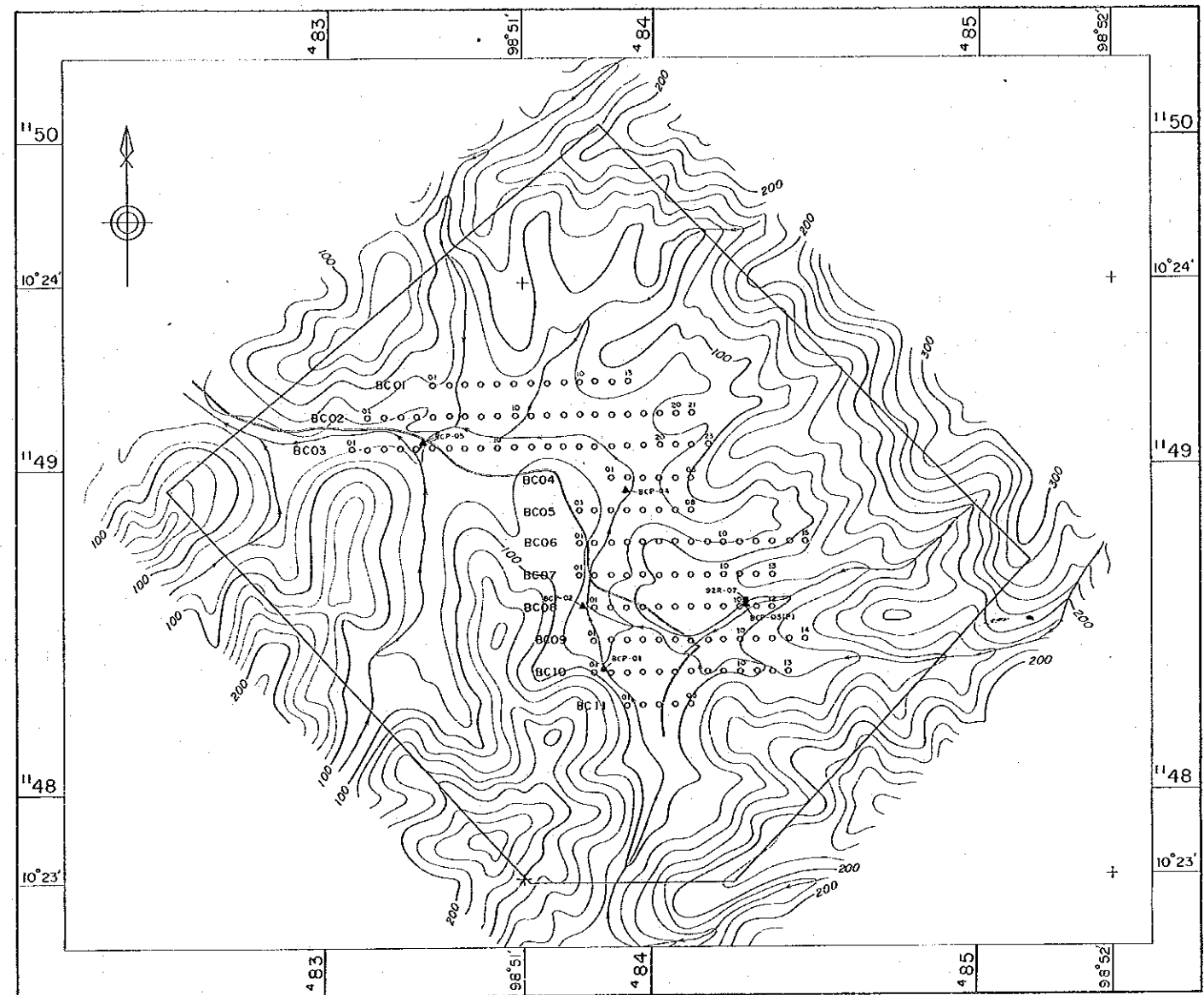
LEGEND

- Soil sample
 - AB1309
line No. | point No.
- Panned sample
 - ▲ ABK-06 (P)
polished section
- Rock sample
 - 92R-04 (C)
chemical analysis only
- X-ray Diffraction sample
 - X-1

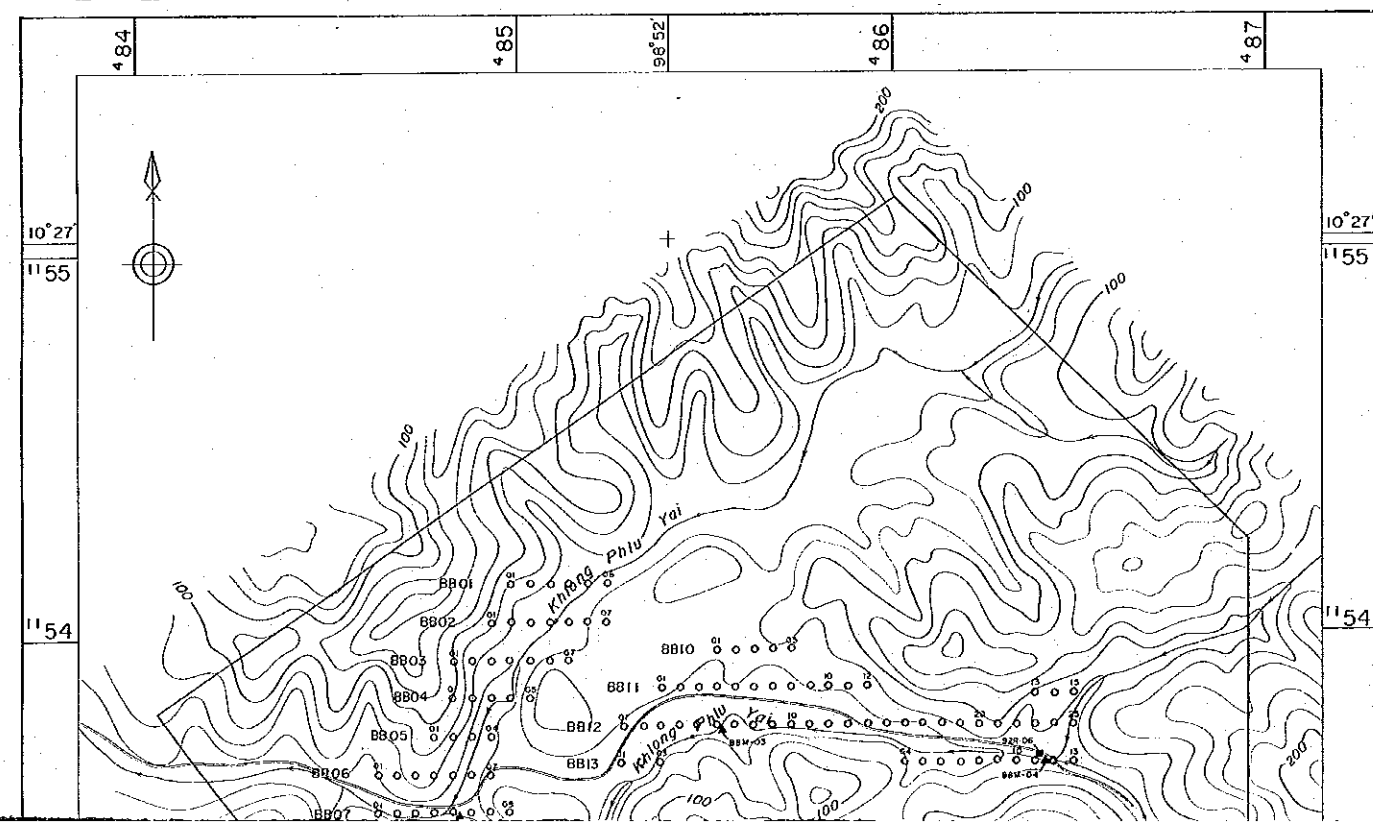
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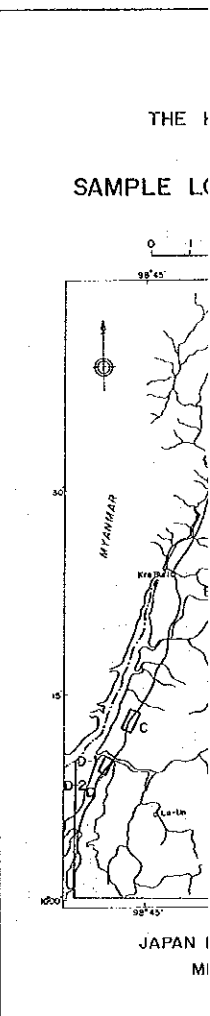
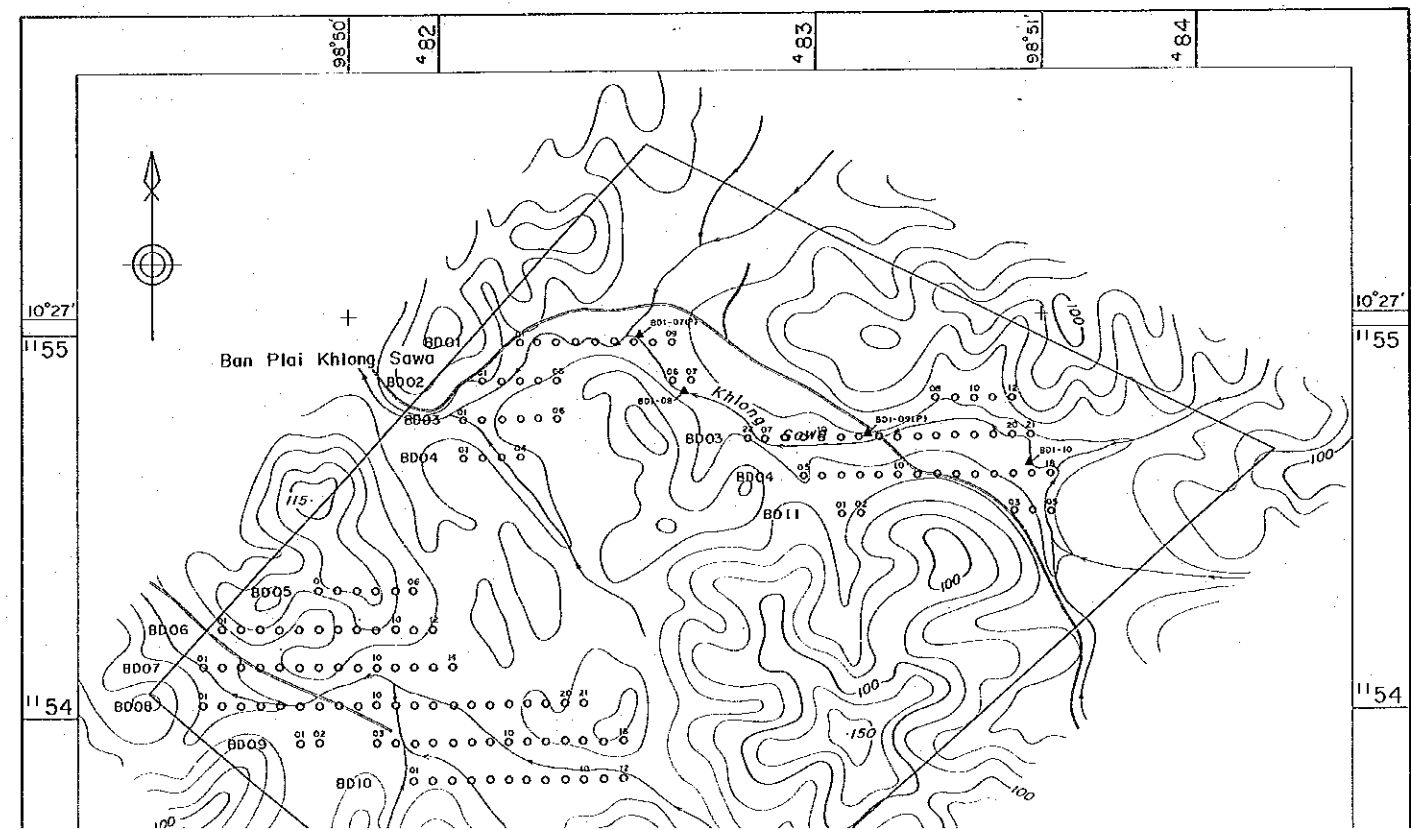
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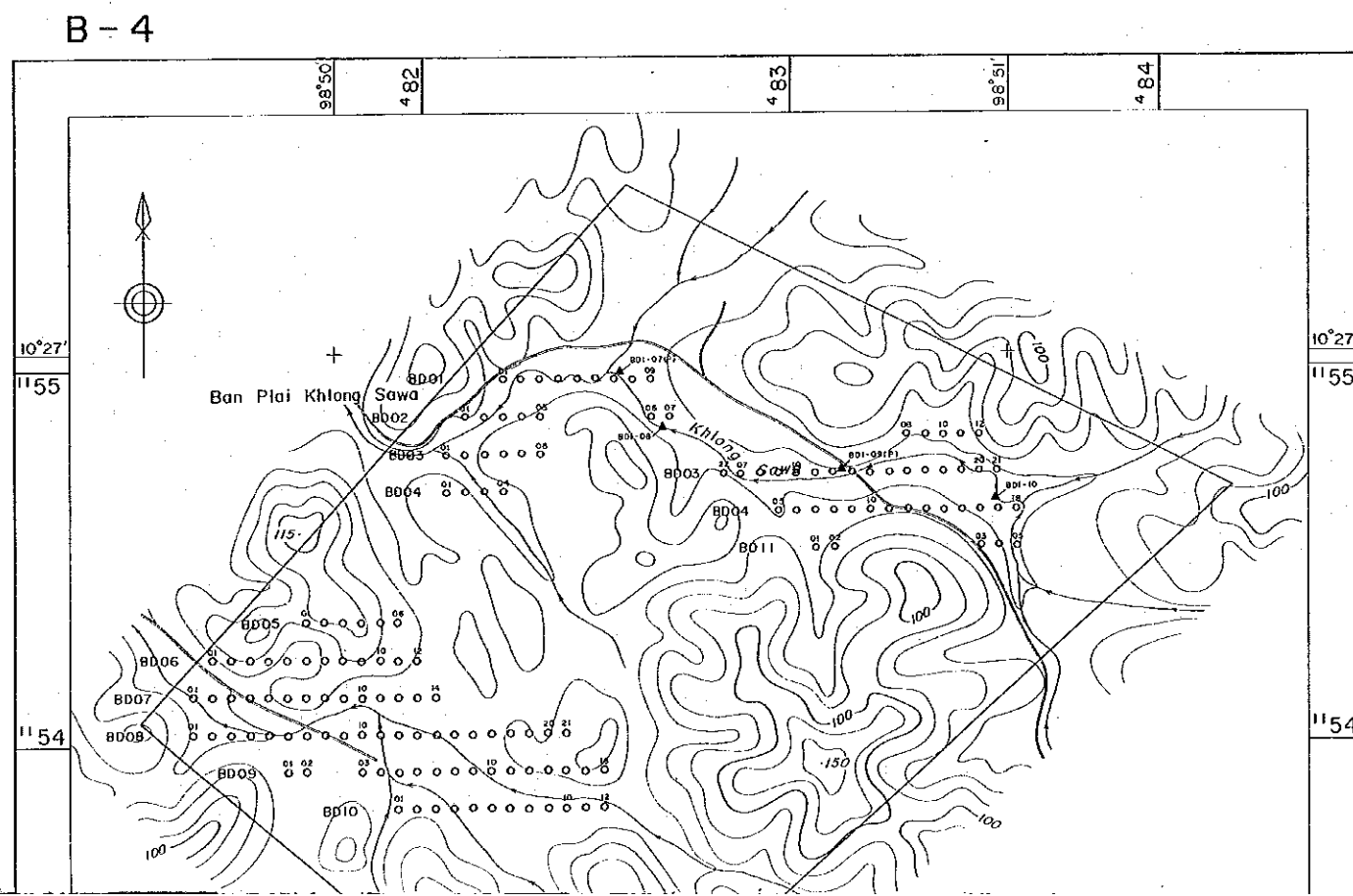
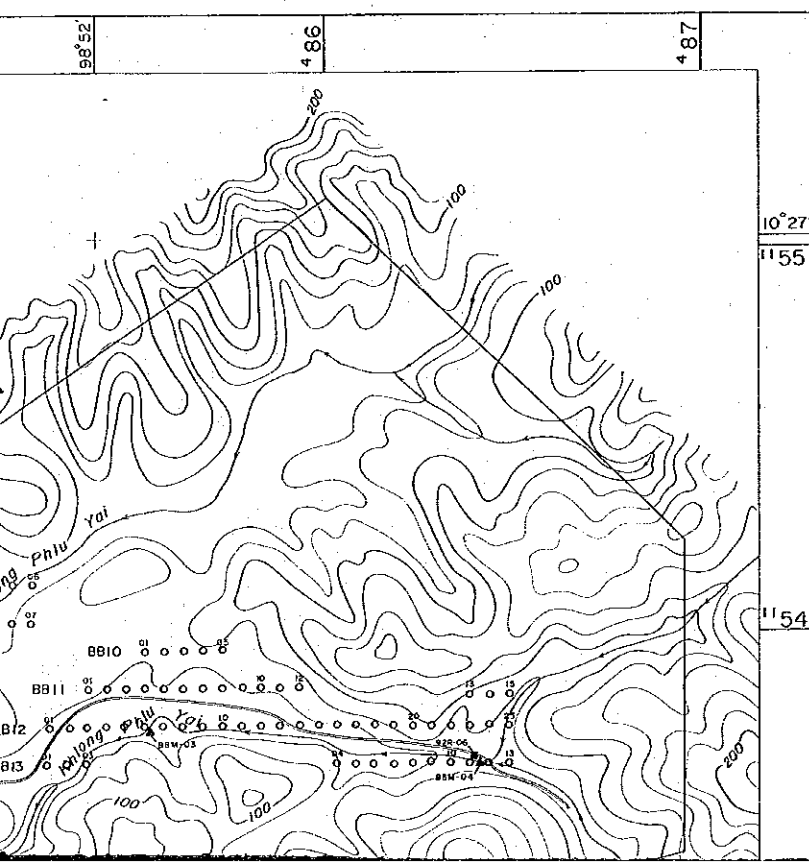
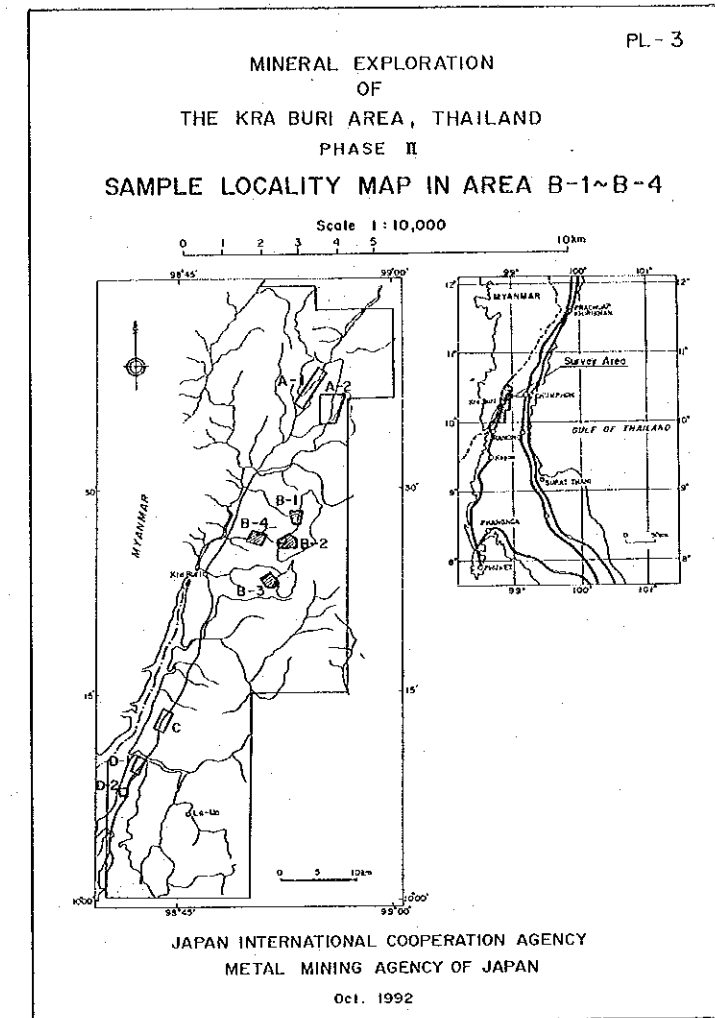
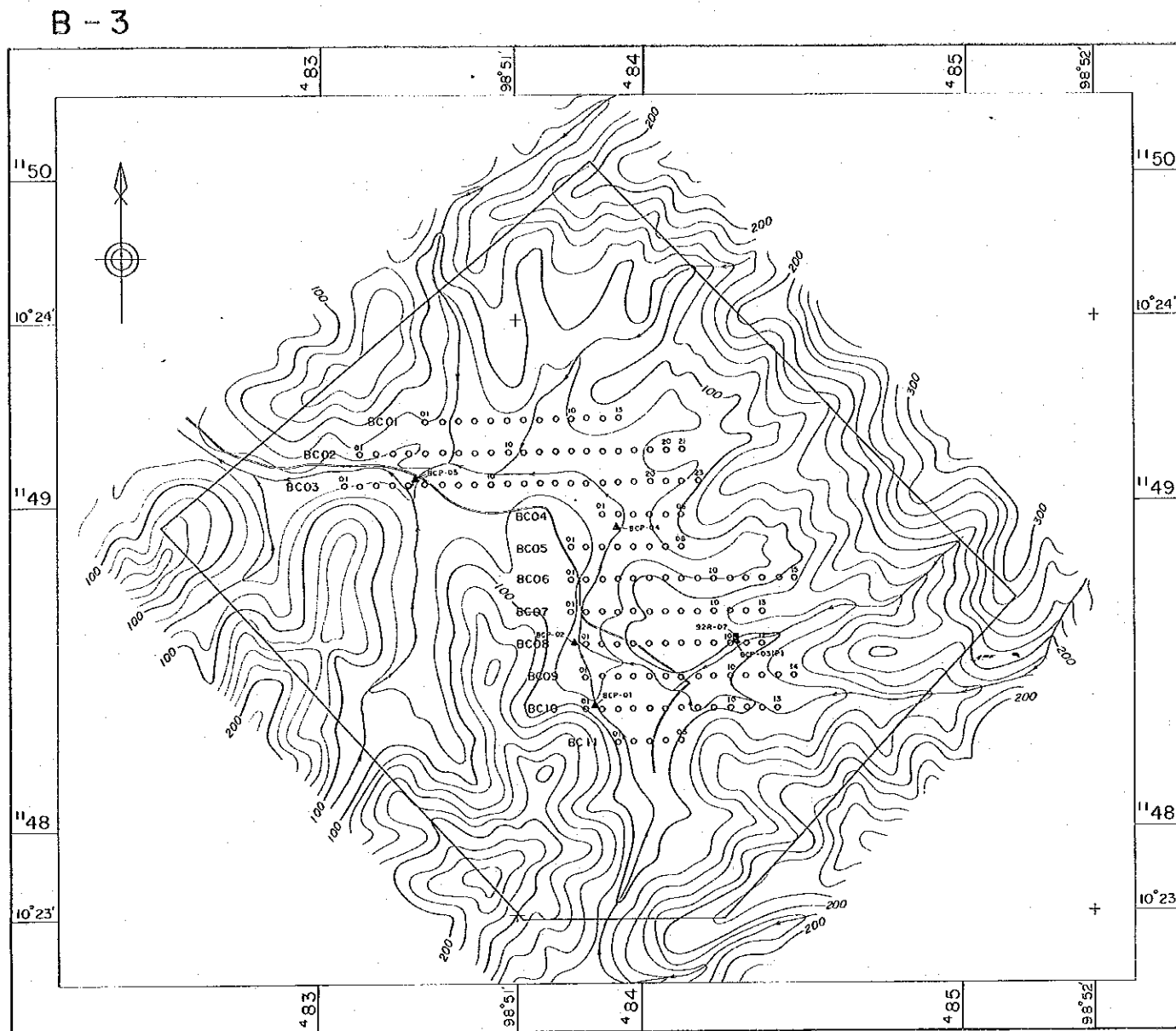
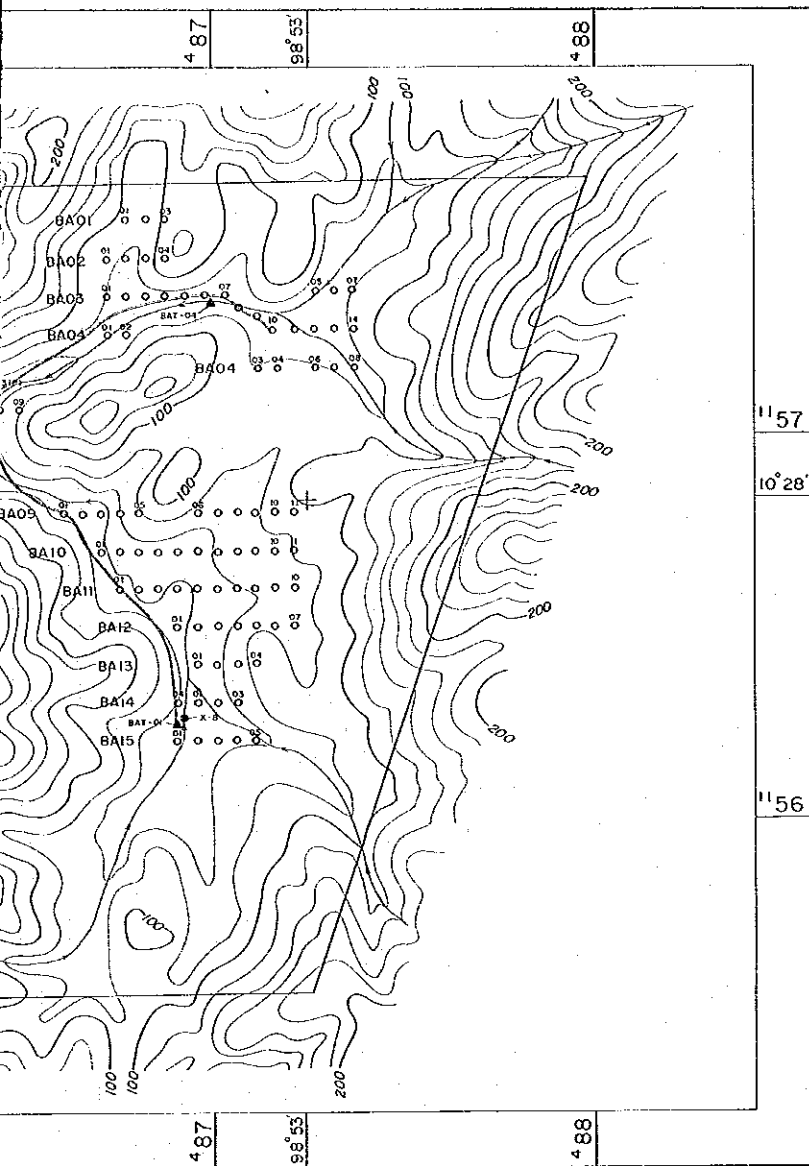
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B-4

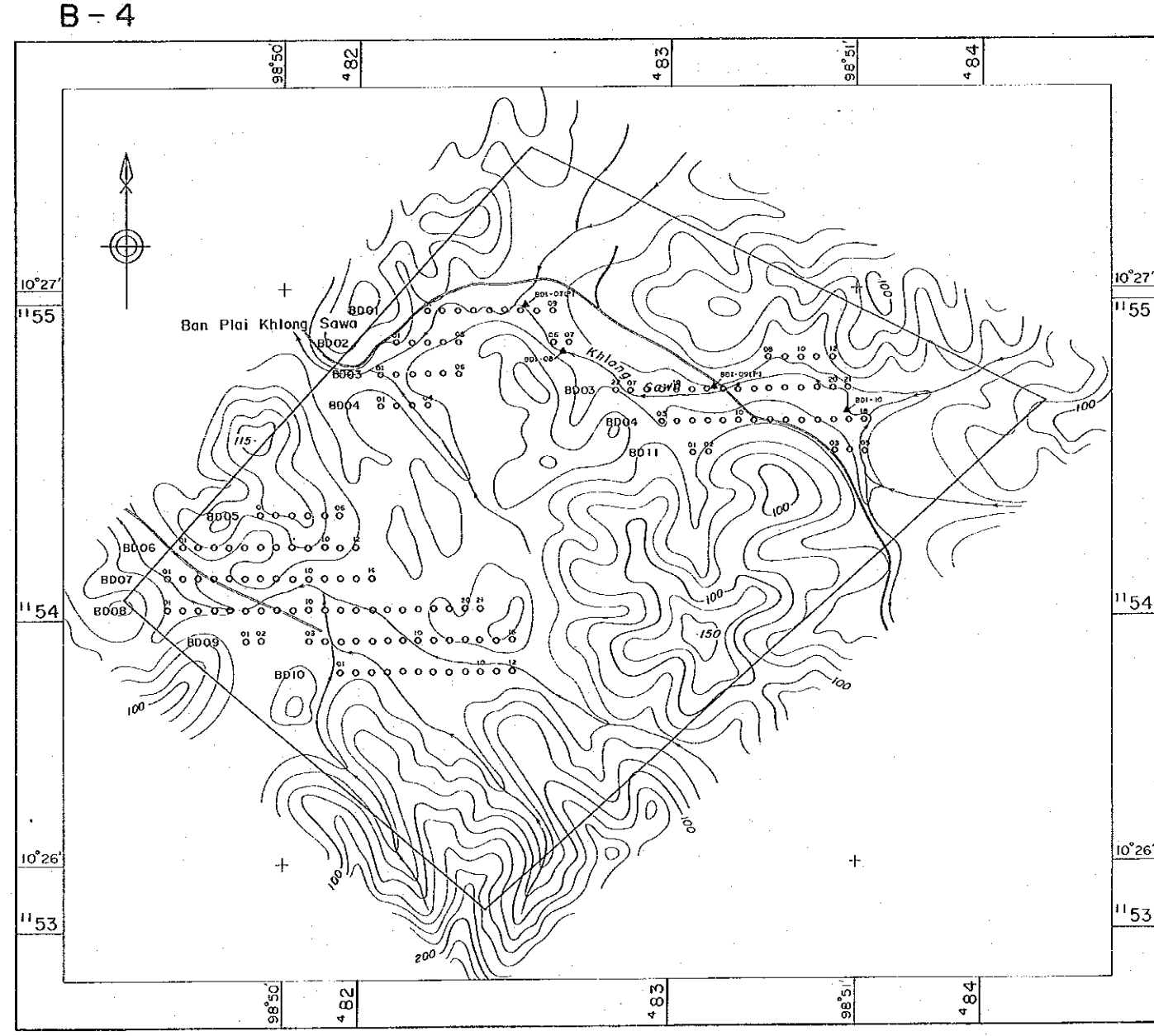
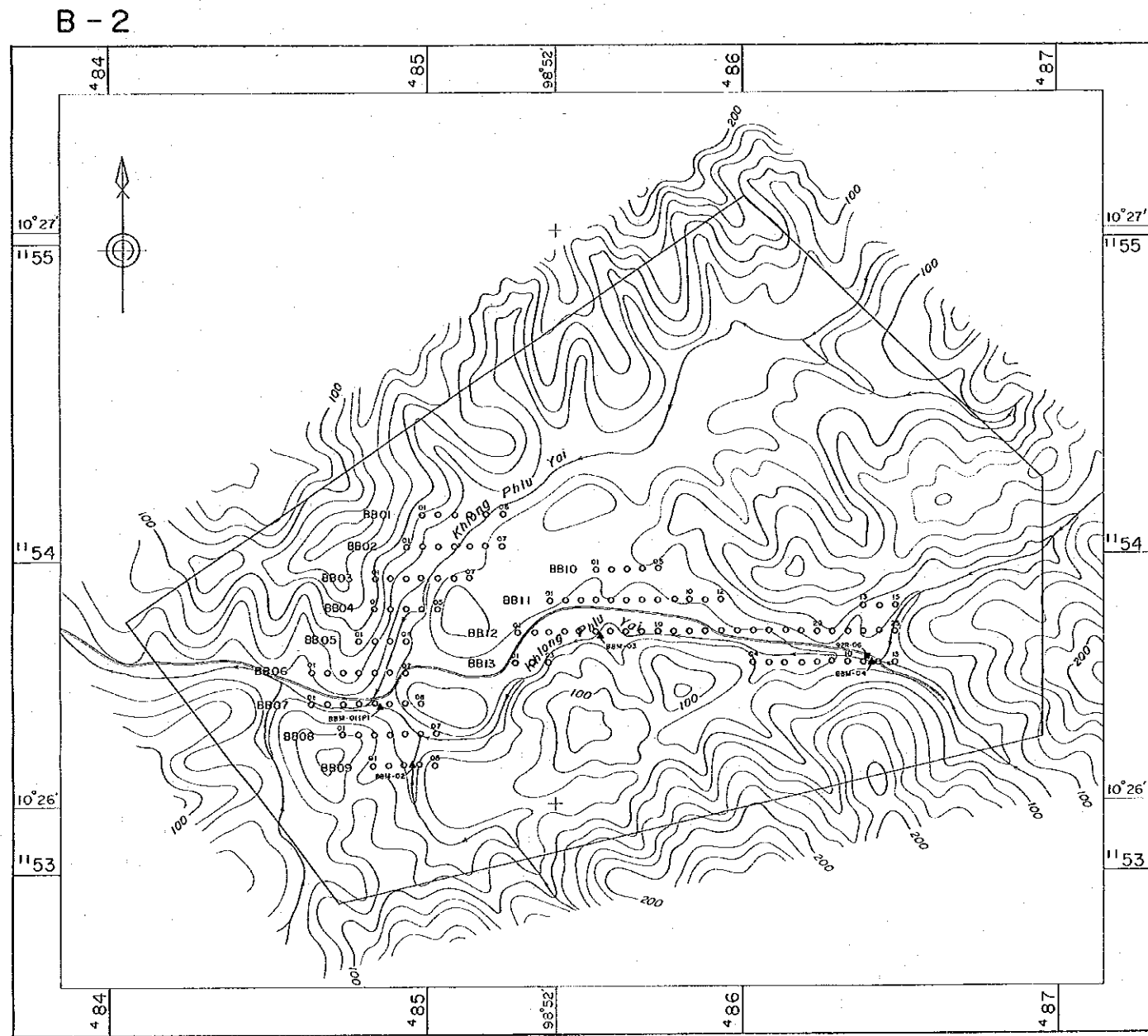
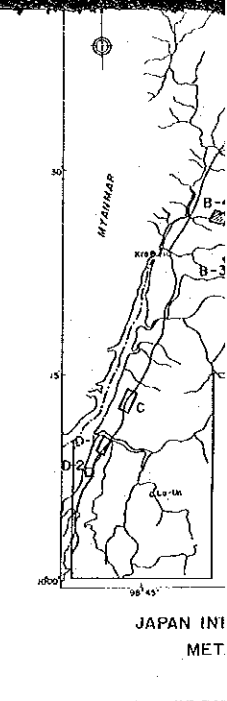
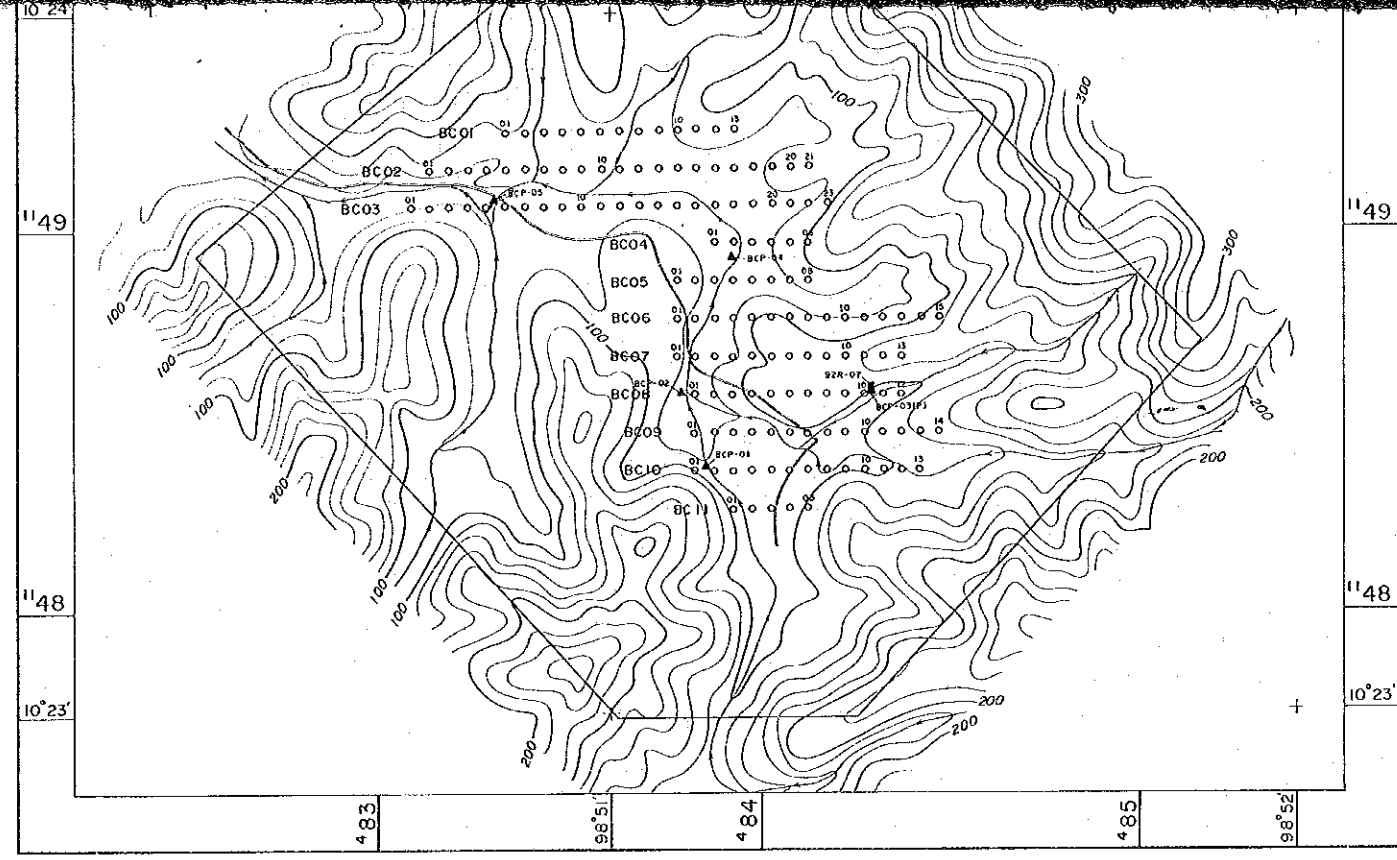
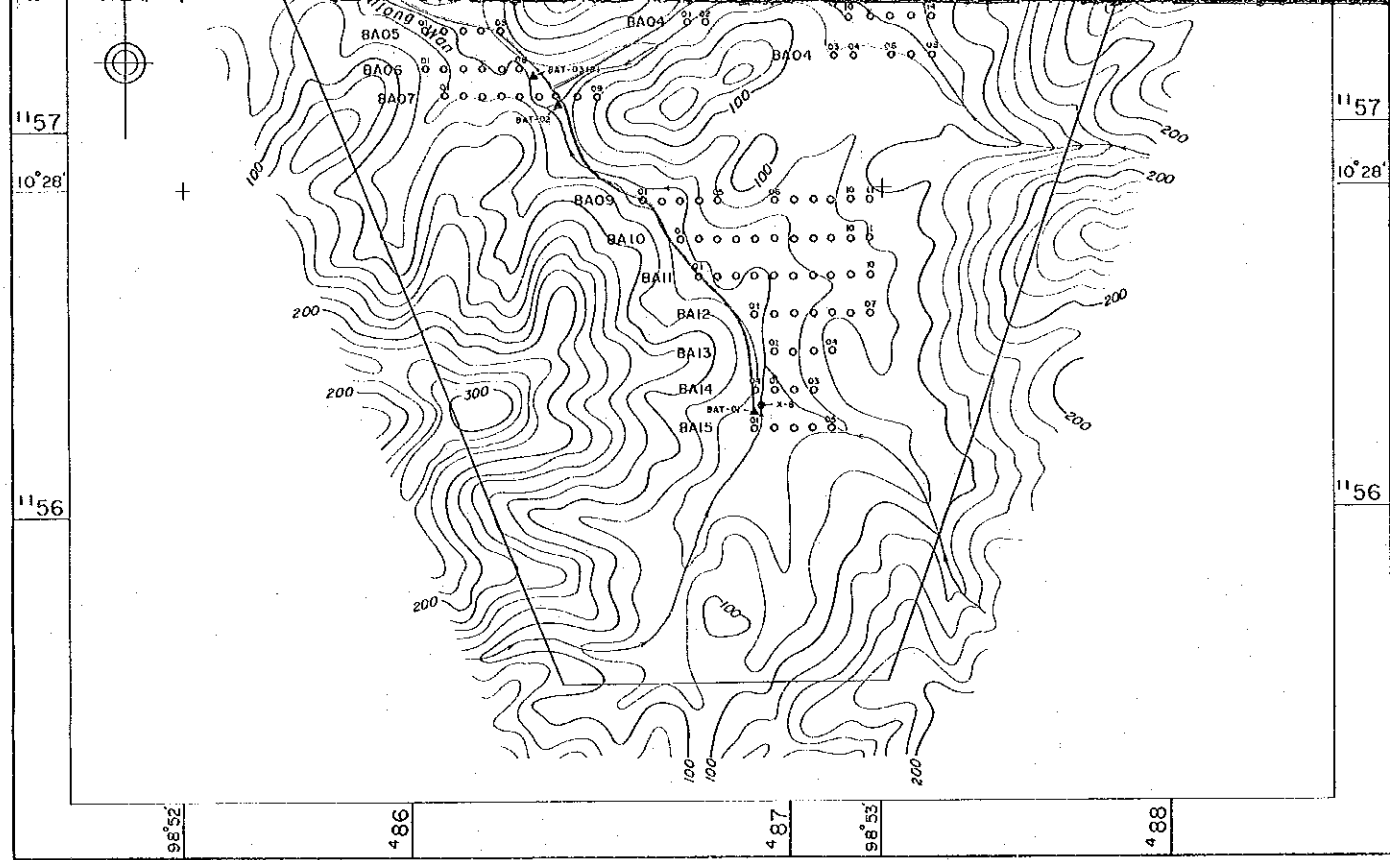


Soil sc
 C
 Panne
 Rock s
 X-ray

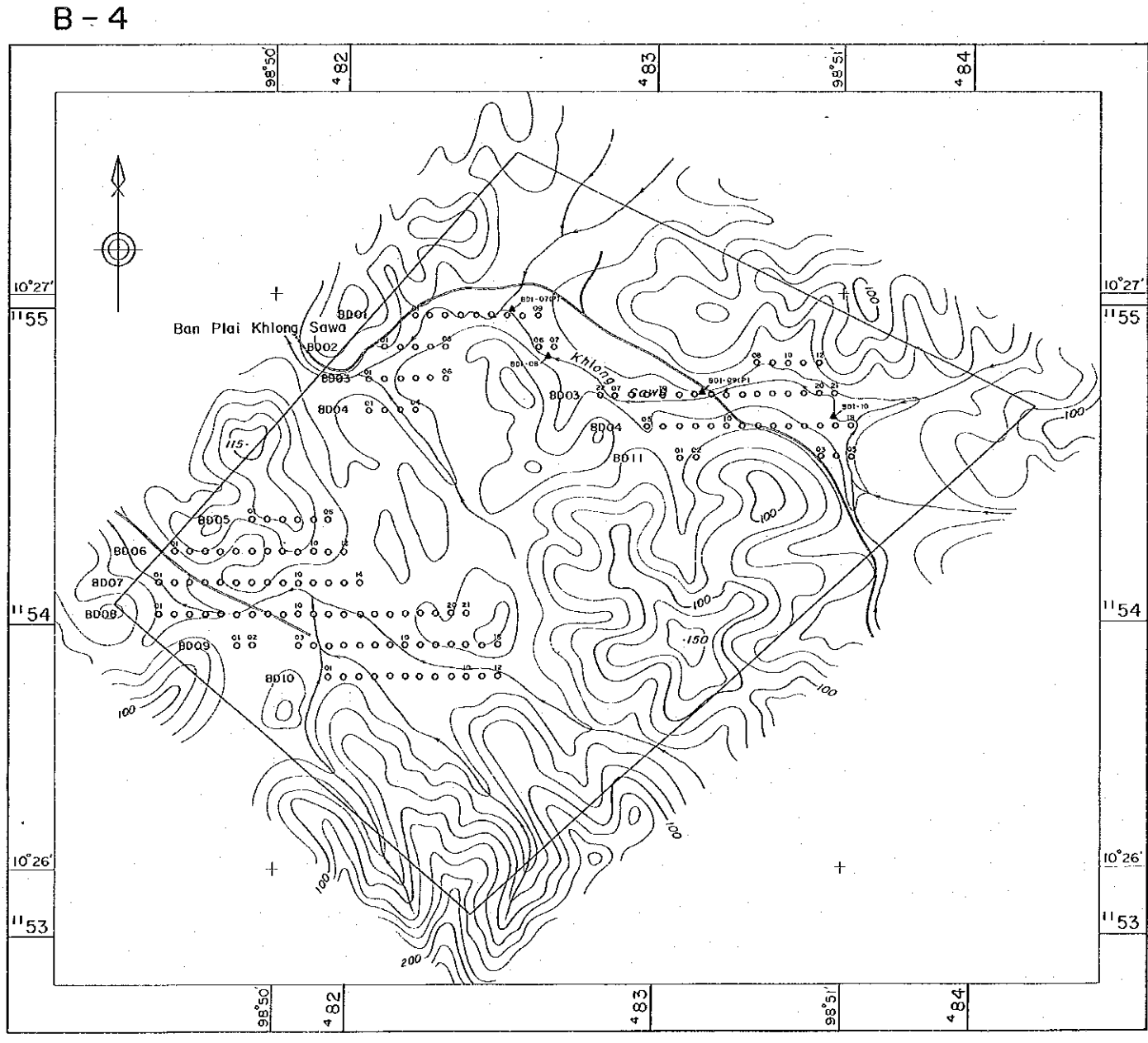
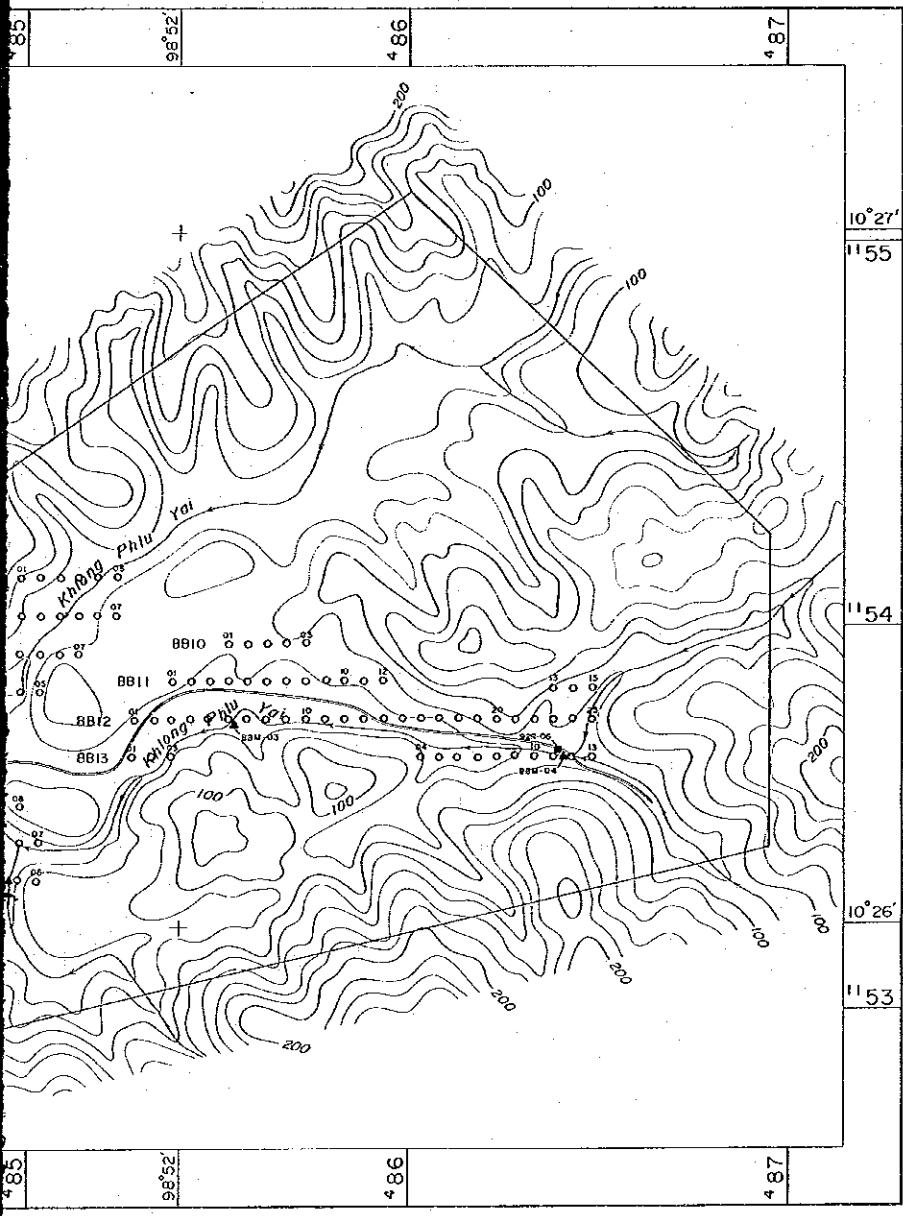
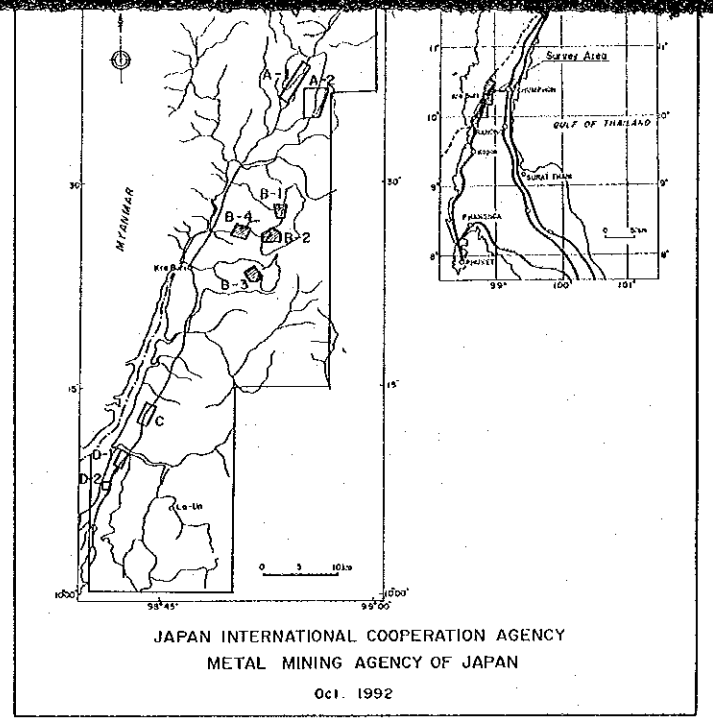
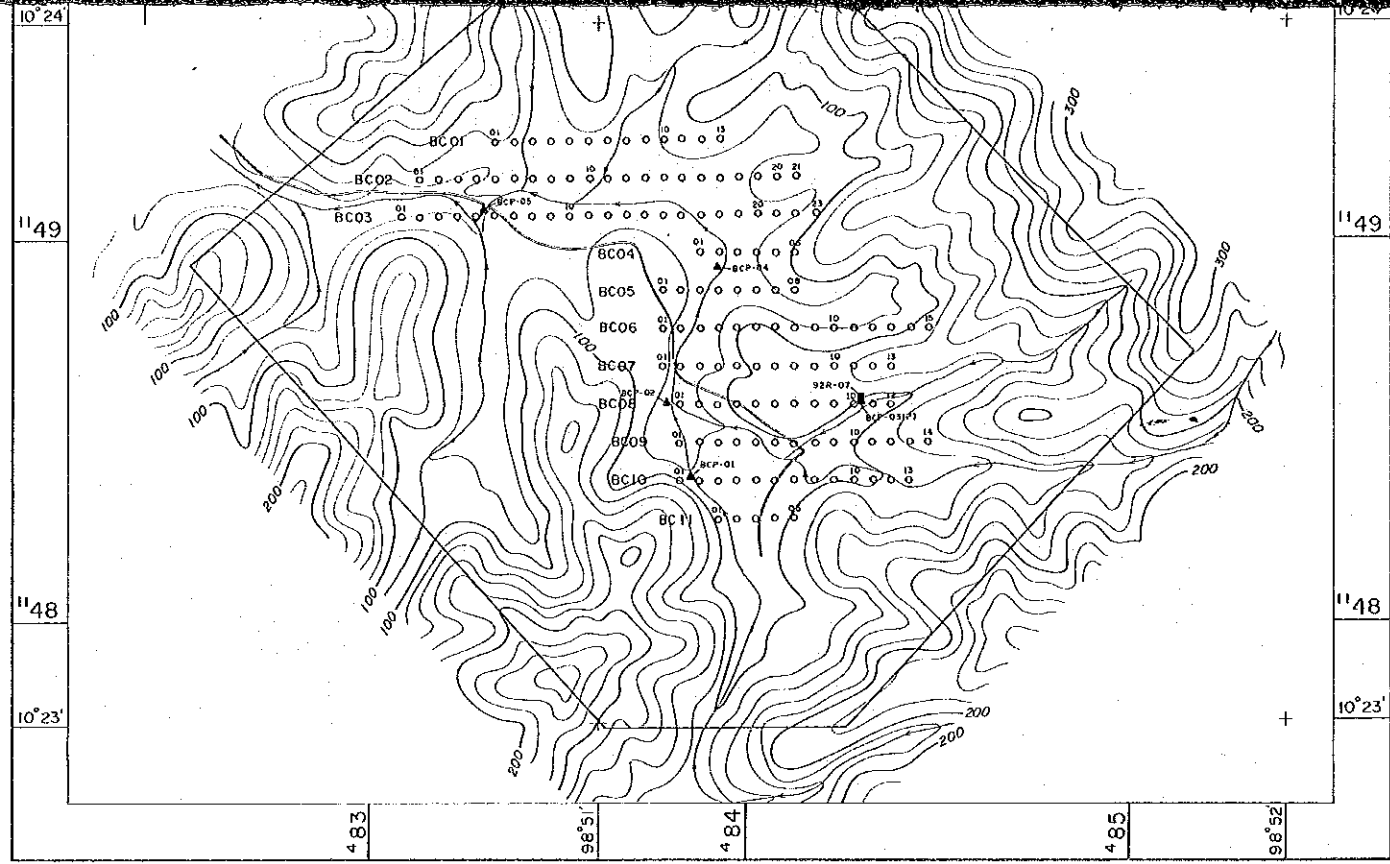
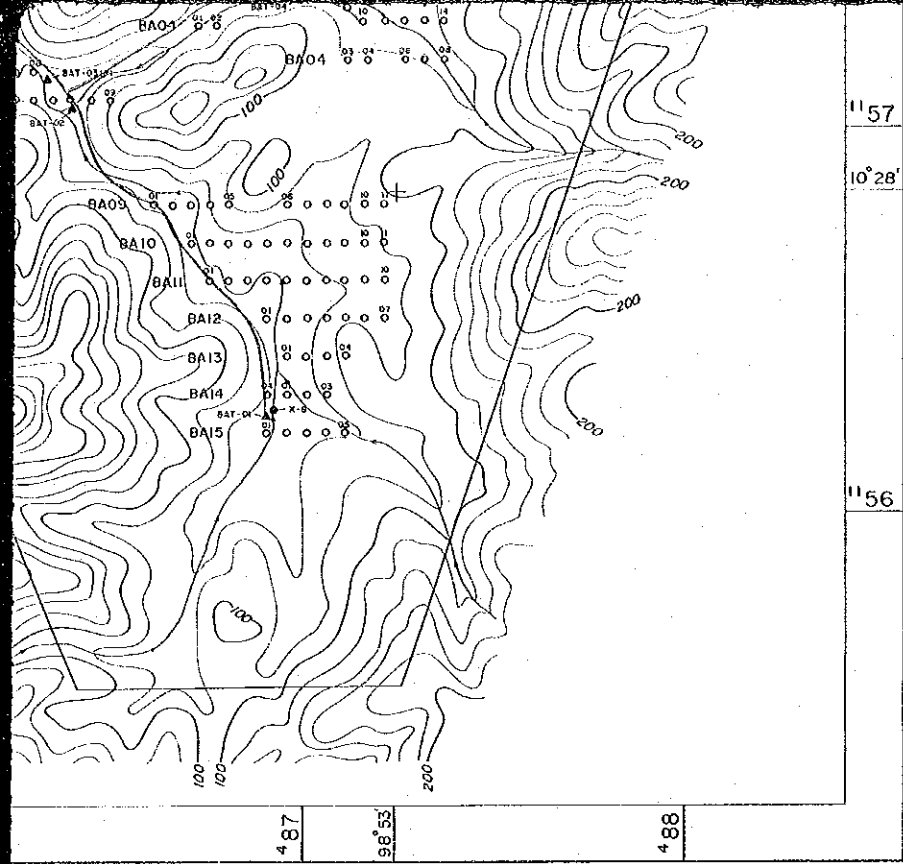


LEGEND

- Soil sample
 - BA1309
line No. | point No.
- Panned sample
 - ▲ BBK-06(P)
polished section
- Rock sample
 - 92R-04(C)
chemical analysis only
- X-ray Diffraction sample
 - X-8

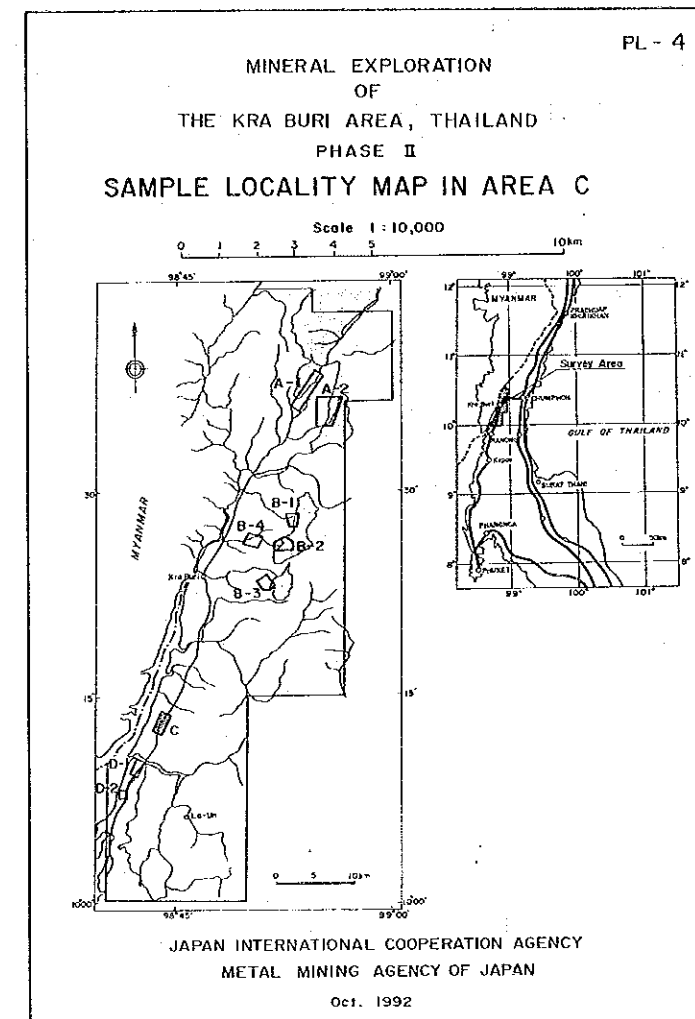


- Soil sam
-
- Panned
- ▲
- Rock sam
-
- X-ray Di
-



LEGEND

- Soil sample
 - BA1309
line No. point No.
- Panned sample
 - ▲ BBK-06(P)
polished section
- Rock sample
 - 92R-04(C)
chemical analysis only
- X-ray Diffraction sample
 - X-8



LEGEND

Soil sample

○ CA1309
Line No. L point No.

Panned sample

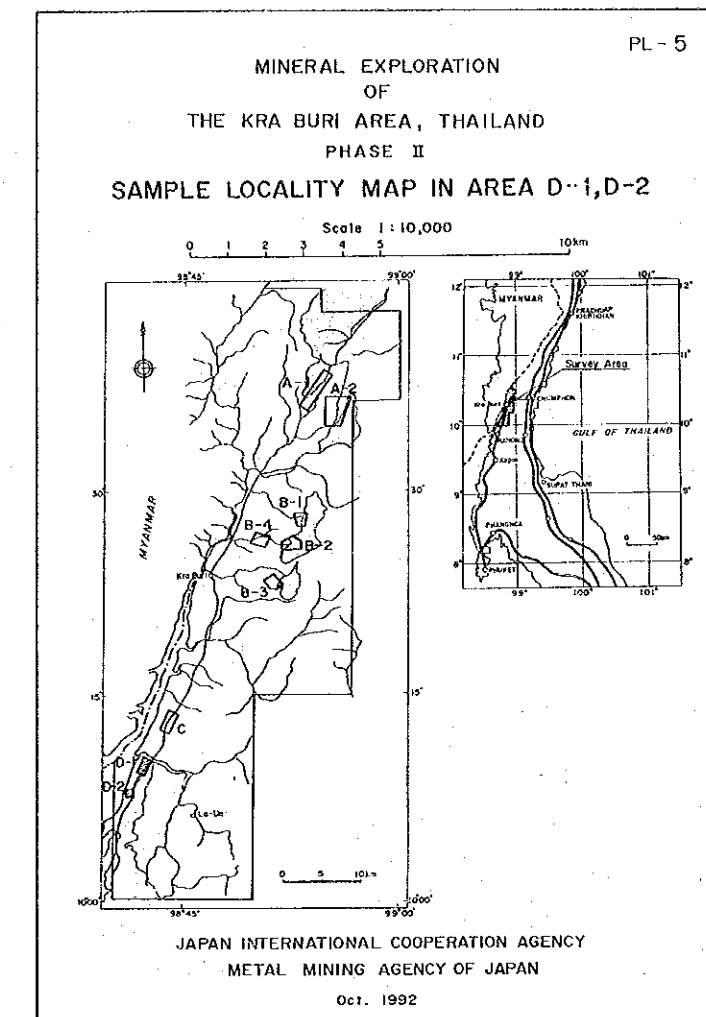
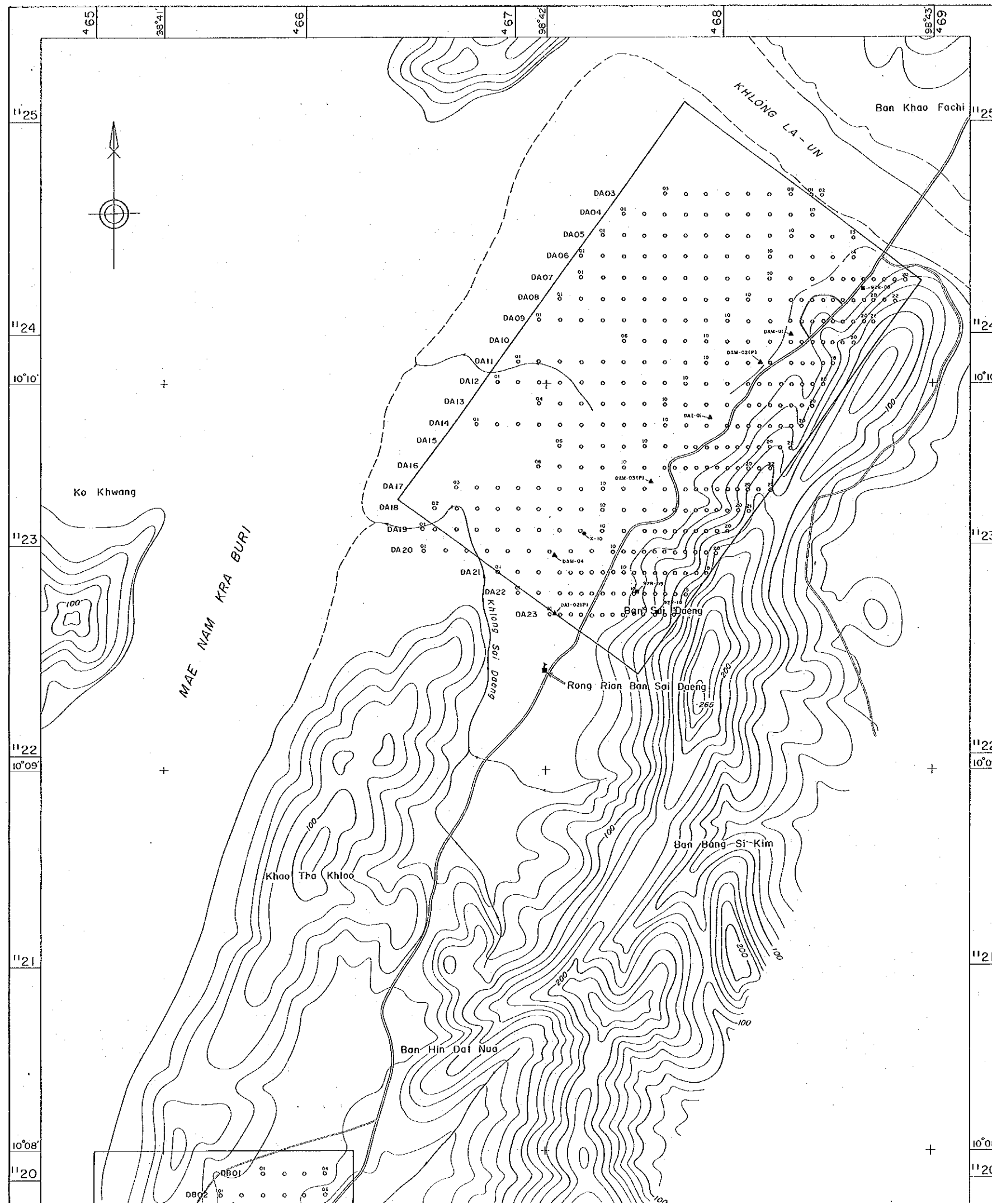
▲ CAK-06(P)
L polished section

Rock sample

■ 92R-04(C)
L chemical analysis only

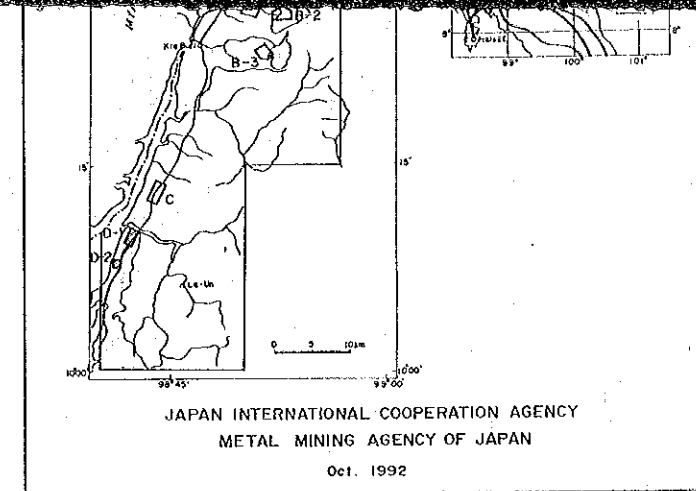
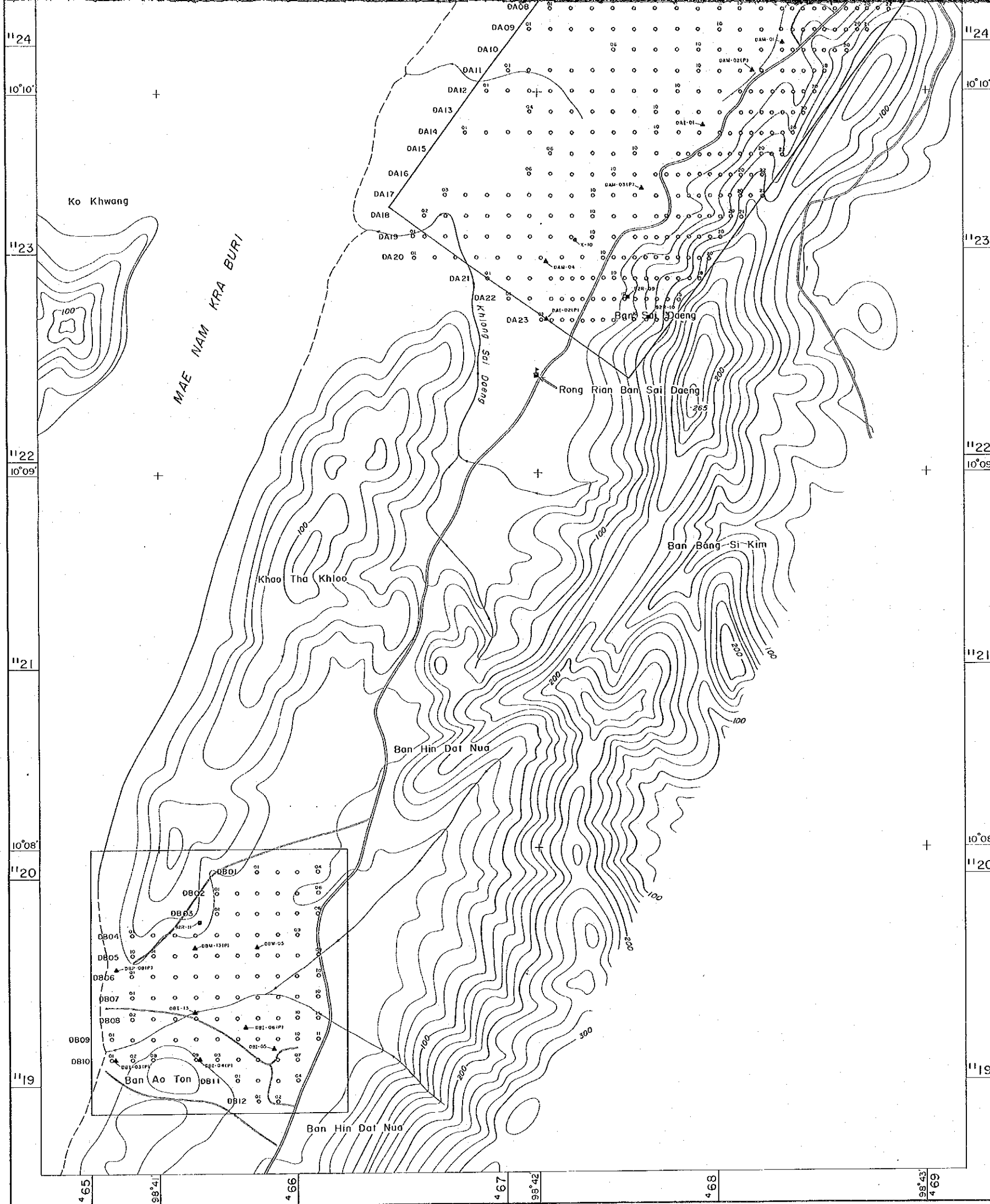
X-ray Diffraction sample

● X-9



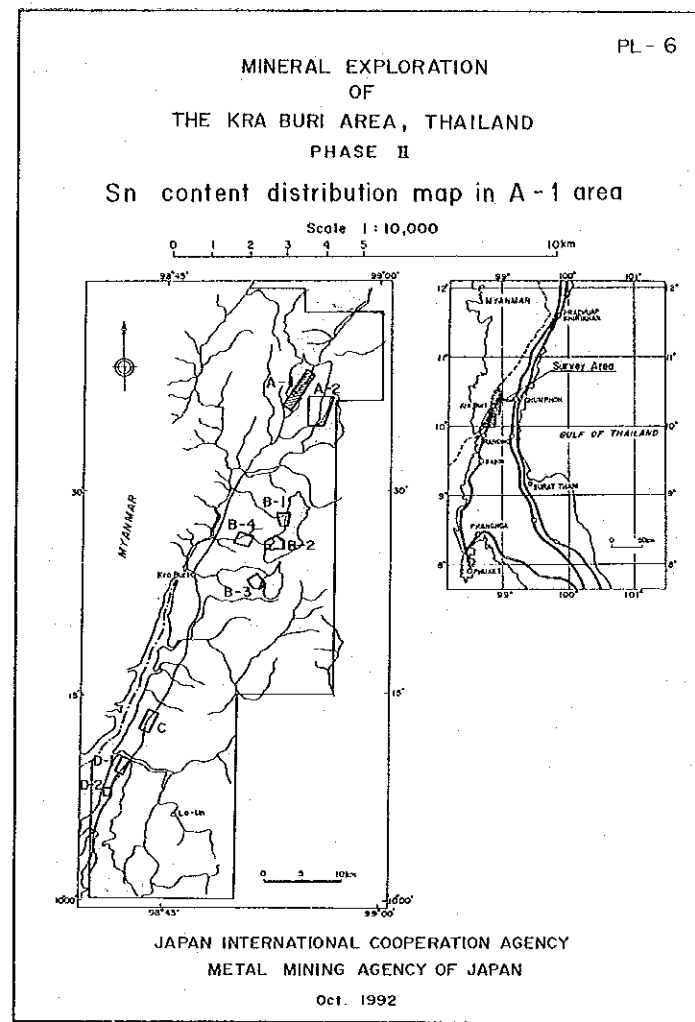
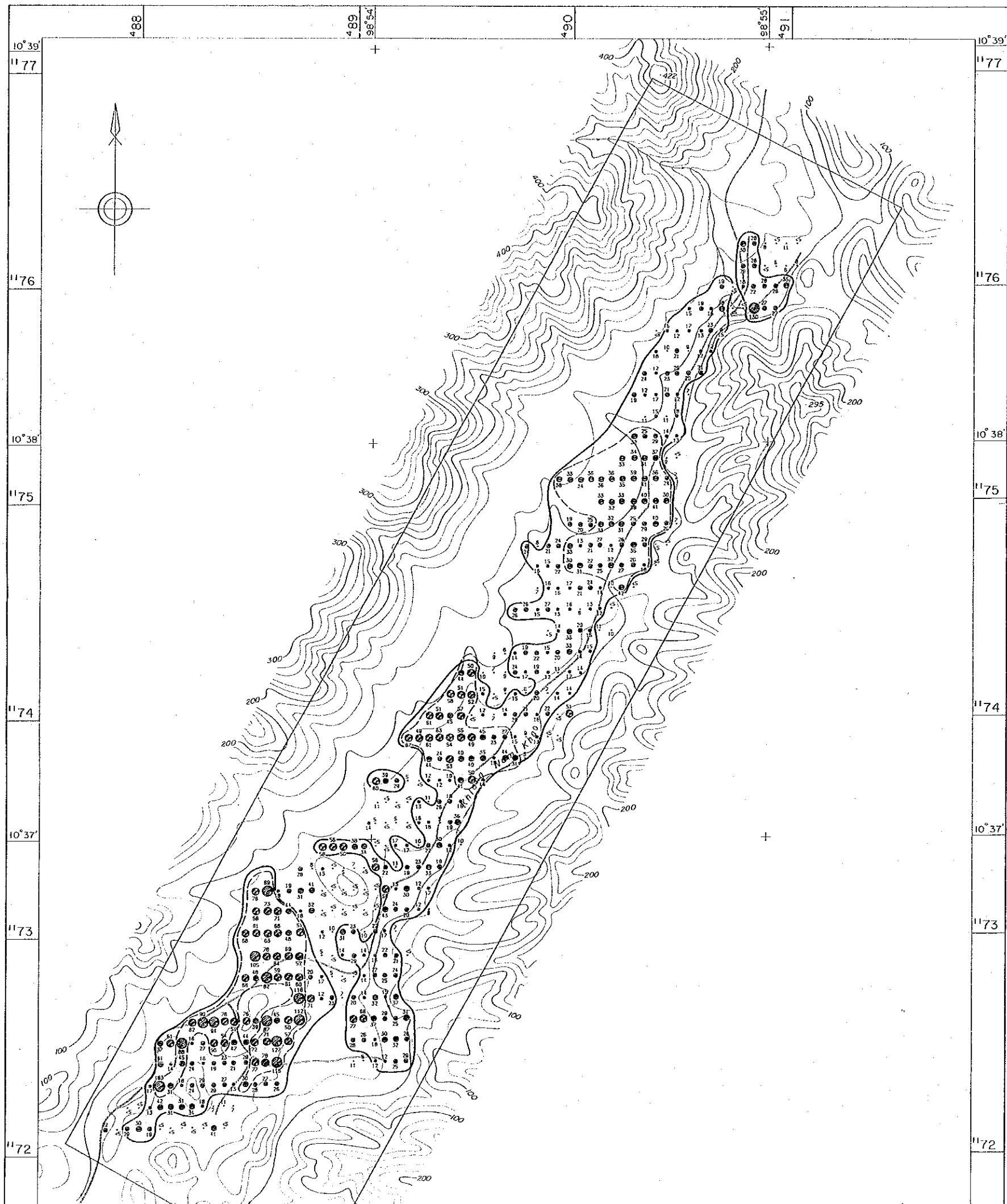
LEGEND

- Soil sample
 - DA1309
line No. | point No.
- Panned sample
 - ▲ DAK-06(P)
polished section
- Rock sample
 - 92R-04(C)
chemical analysis only
- X-ray Diffraction sample
 - X-10



LEGEND

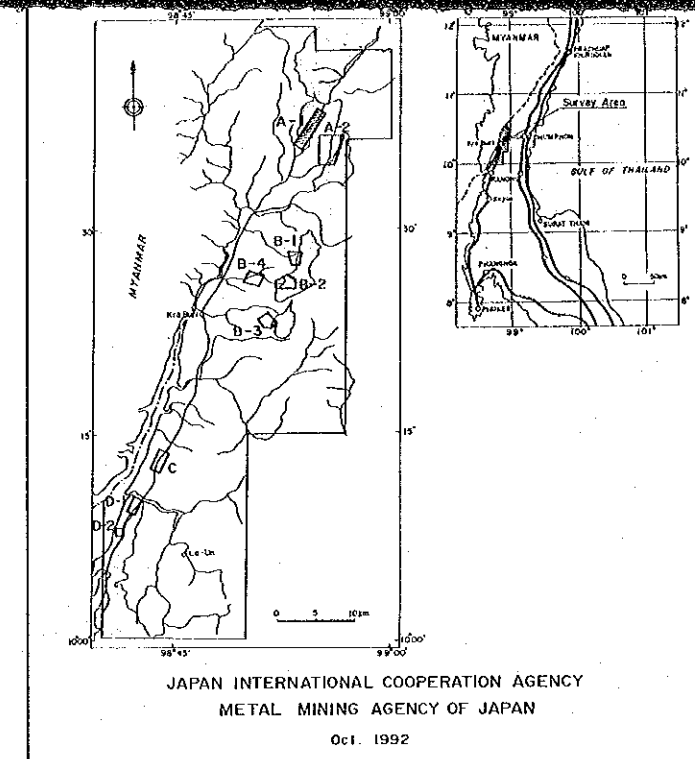
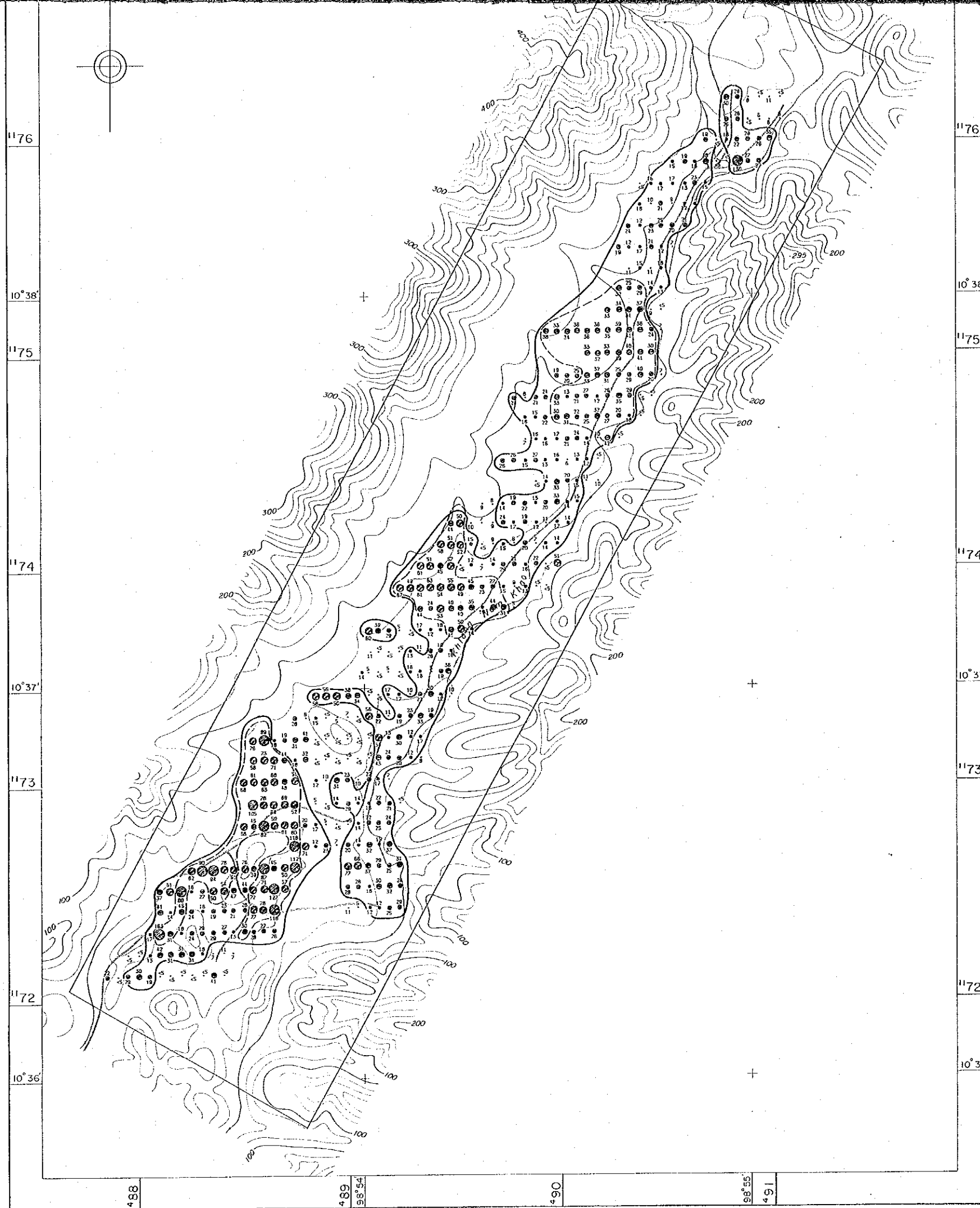
- Soil sample
 - DA1309
line No. point No.
- Panned sample
 - ▲ DAK-06(P)
polished section
- Rock sample
 - 92R-04(C)
chemical analysis only
- X-ray Diffraction sample
 - X-10





LEGEND






- anomaly zone
- assumed basin of cassiterite

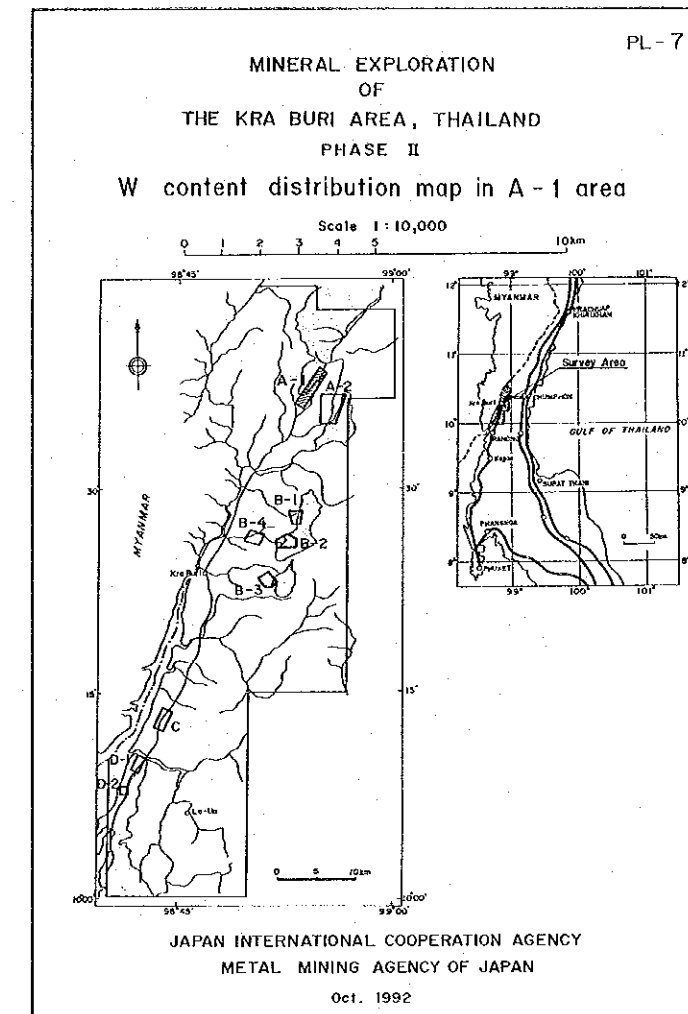
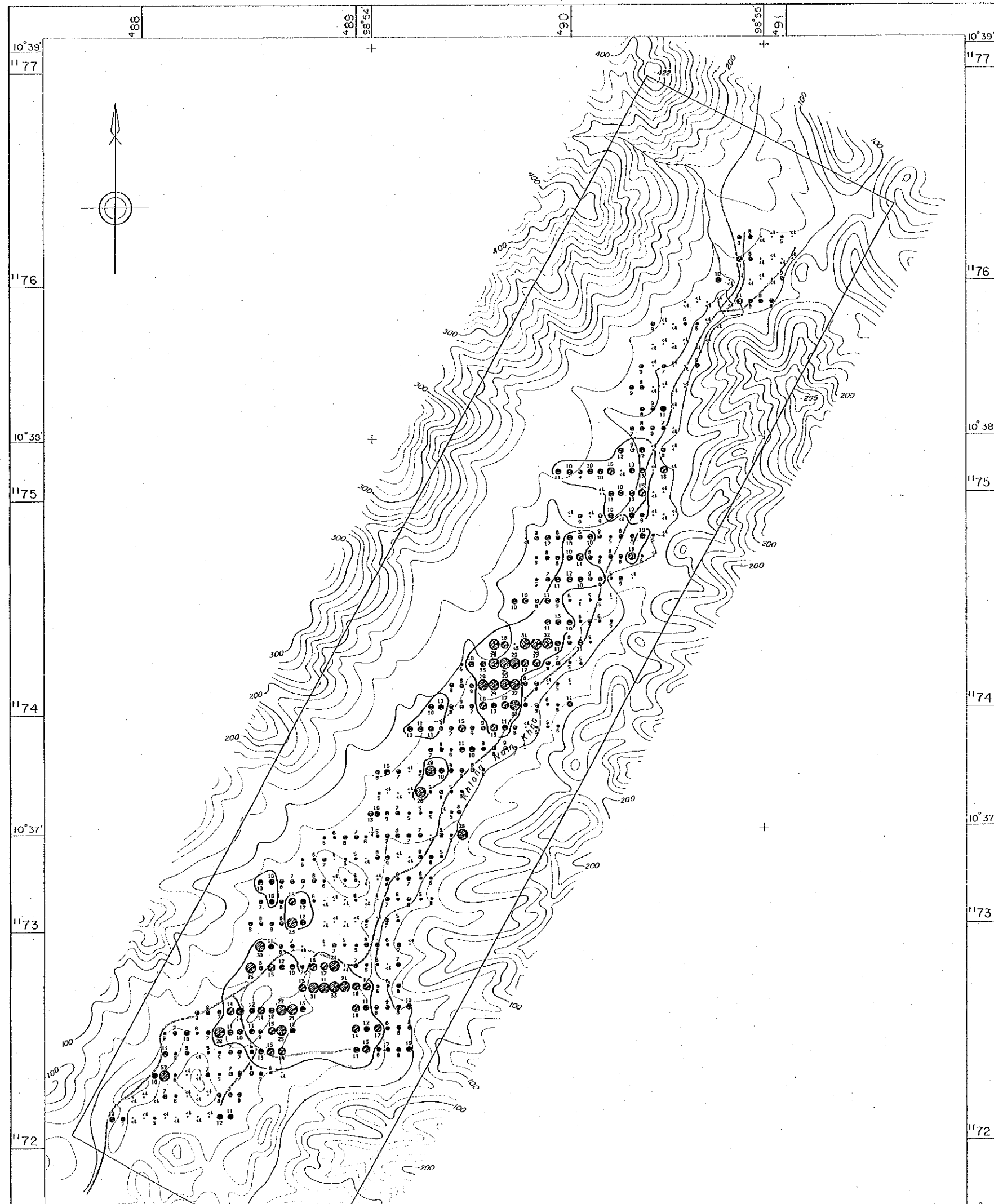
- st—content of each sample (ppm)
- $M + 1.5\sigma \leq$
 - $M + \sigma \leq$ $< M + 1.5\sigma$
 - $M + 0.5\sigma \leq$ $< M + \sigma$
 - $M \leq$ $< M + 0.5\sigma$
 - $M - 0.5\sigma \leq$ $< M$
 - $< M - 0.5\sigma$



LEGEND

-  anomaly zone
-  assumed basin of cassiterite

- Si - content of each sample (ppm)
-  $M + 1.5\sigma \leq$
 -  $M + \sigma \leq$ $O < M + 1.5\sigma$
 -  $M + 0.5\sigma \leq$ $o < M + \sigma$
 -  $M \leq$ $\bullet < M + 0.5\sigma$
 -  $\bullet < M - 0.5\sigma$



LEGEND

○ anomaly zone

● content of each sample (ppm)

$M + 1.5\sigma \leq$ ●

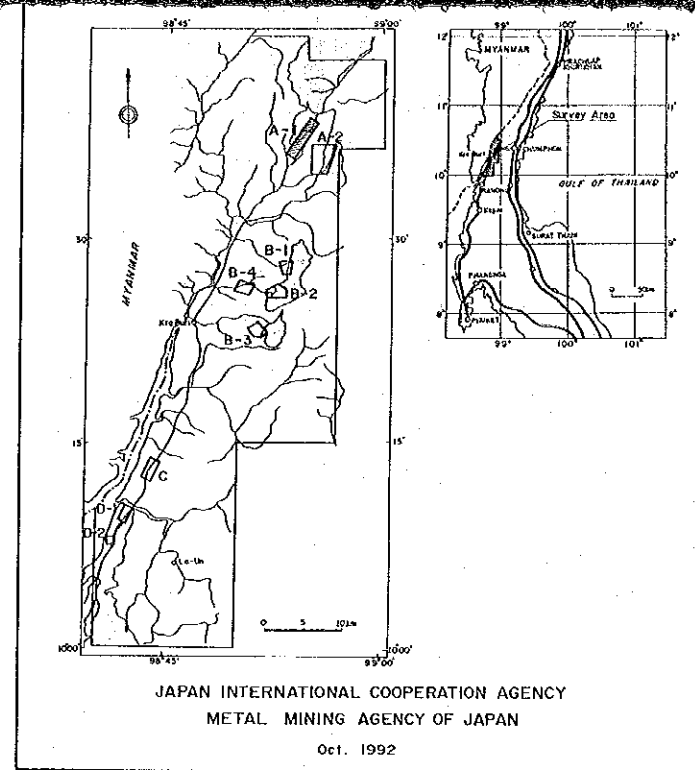
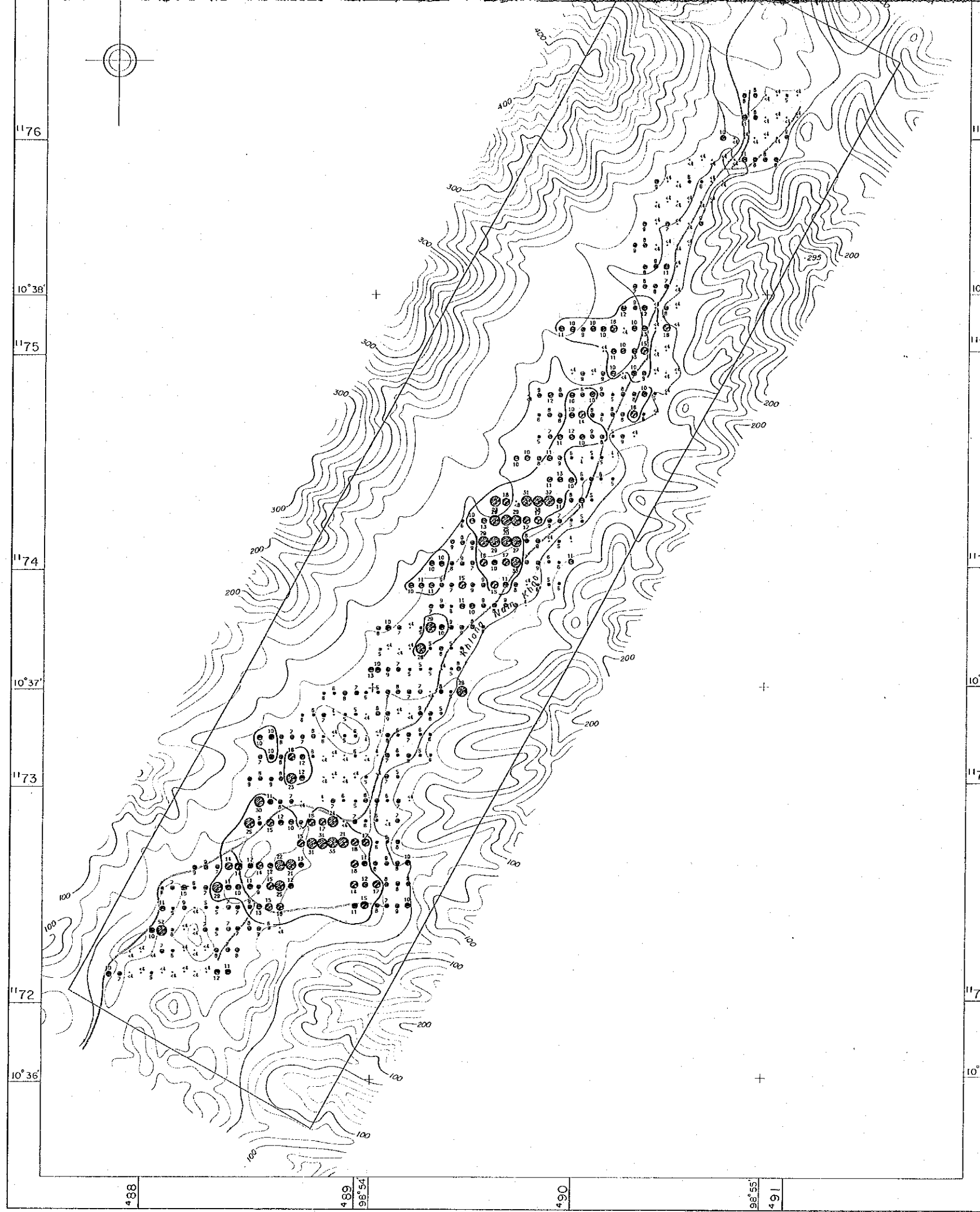
$M + \sigma \leq$ ○ $< M + 1.5\sigma$

$M + 0.5\sigma \leq$ ◐ $< M + \sigma$

$M \leq$ ◑ $< M + 0.5\sigma$

$M - 0.5\sigma \leq$ ◒ $< M$

◓ $< M - 0.5\sigma$

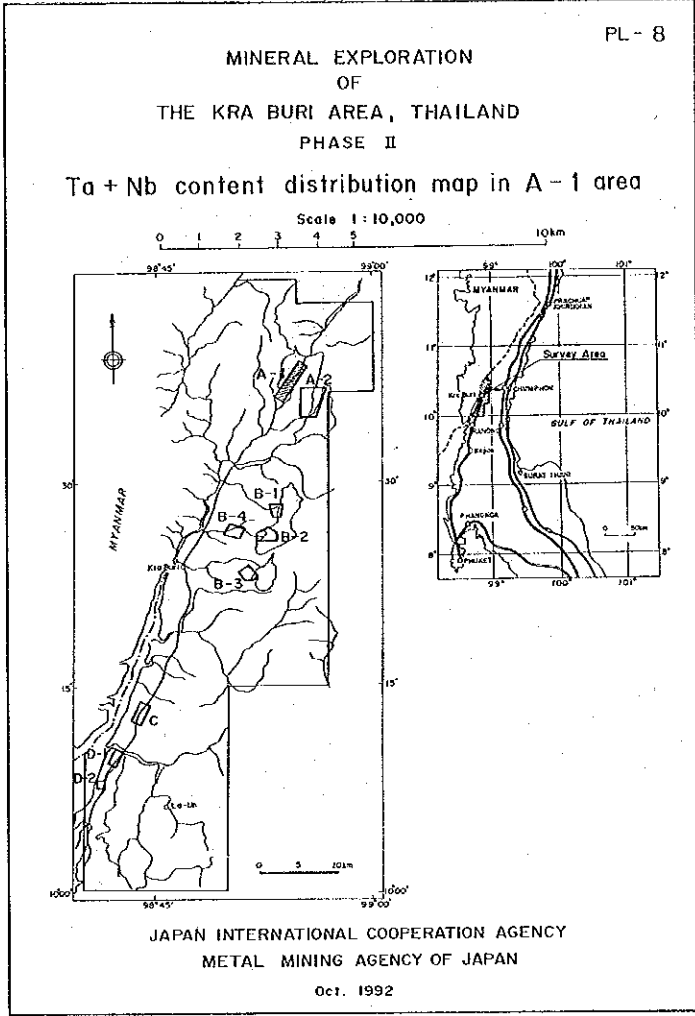
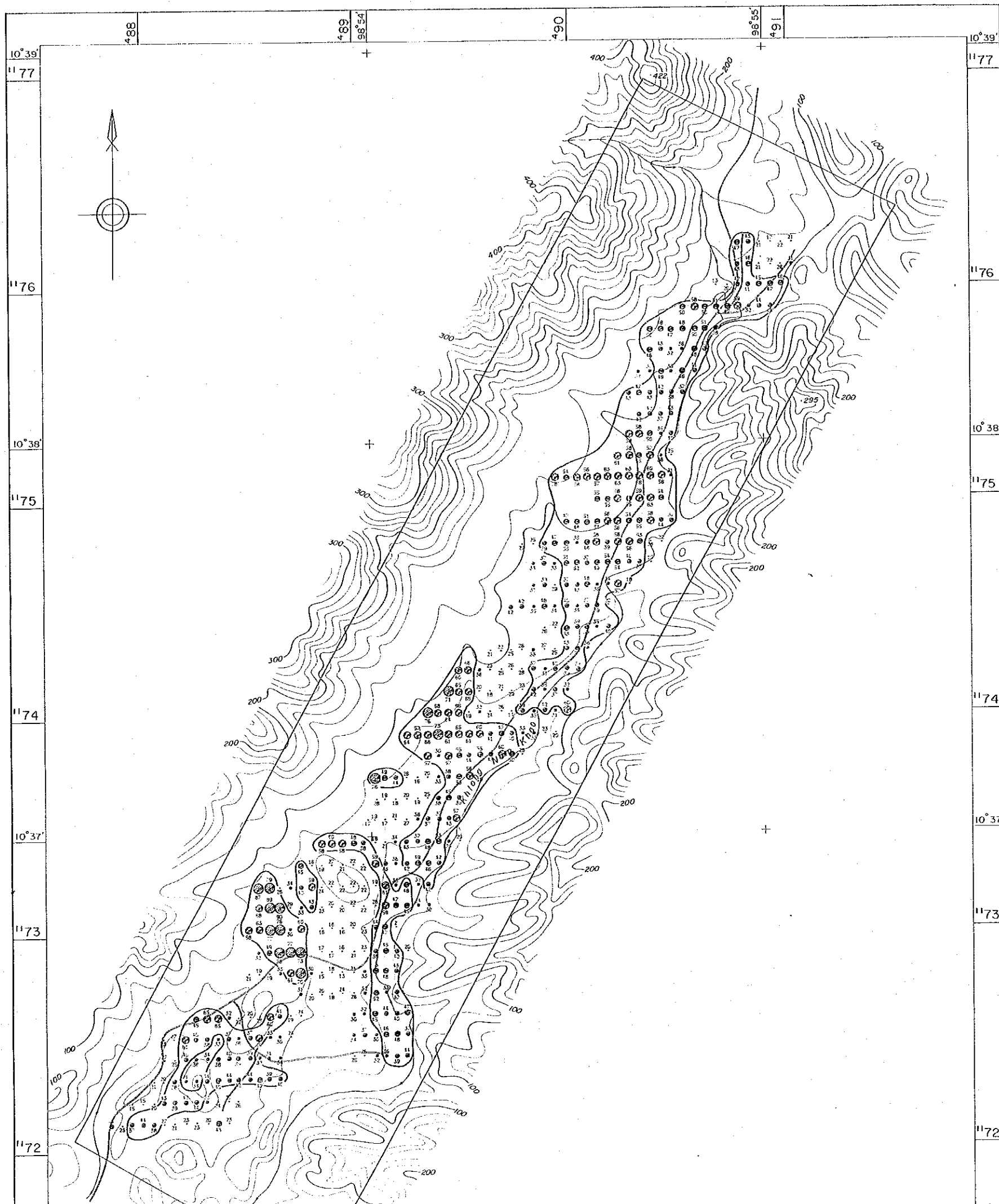


LEGEND

○ anomaly zone

51—content of each sample (ppm)

- $M + 1.5\sigma \leq \text{●}$
- $M + \sigma \leq \text{⊙} < M + 1.5\sigma$
- $M + 0.5\sigma \leq \text{◉} < M + \sigma$
- $M \leq \text{◐} < M + 0.5\sigma$
- $M - 0.5\sigma \leq \text{◑} < M$
- $\text{◒} < M - 0.5\sigma$



LEGEND

○ anomaly zone

● content of each sample (ppm)

$M + 1.5\sigma \leq \text{●}$

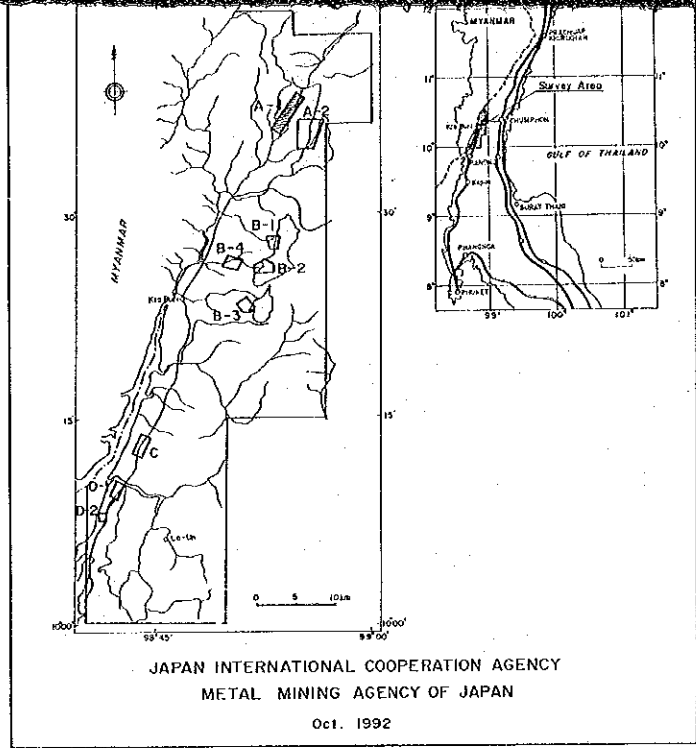
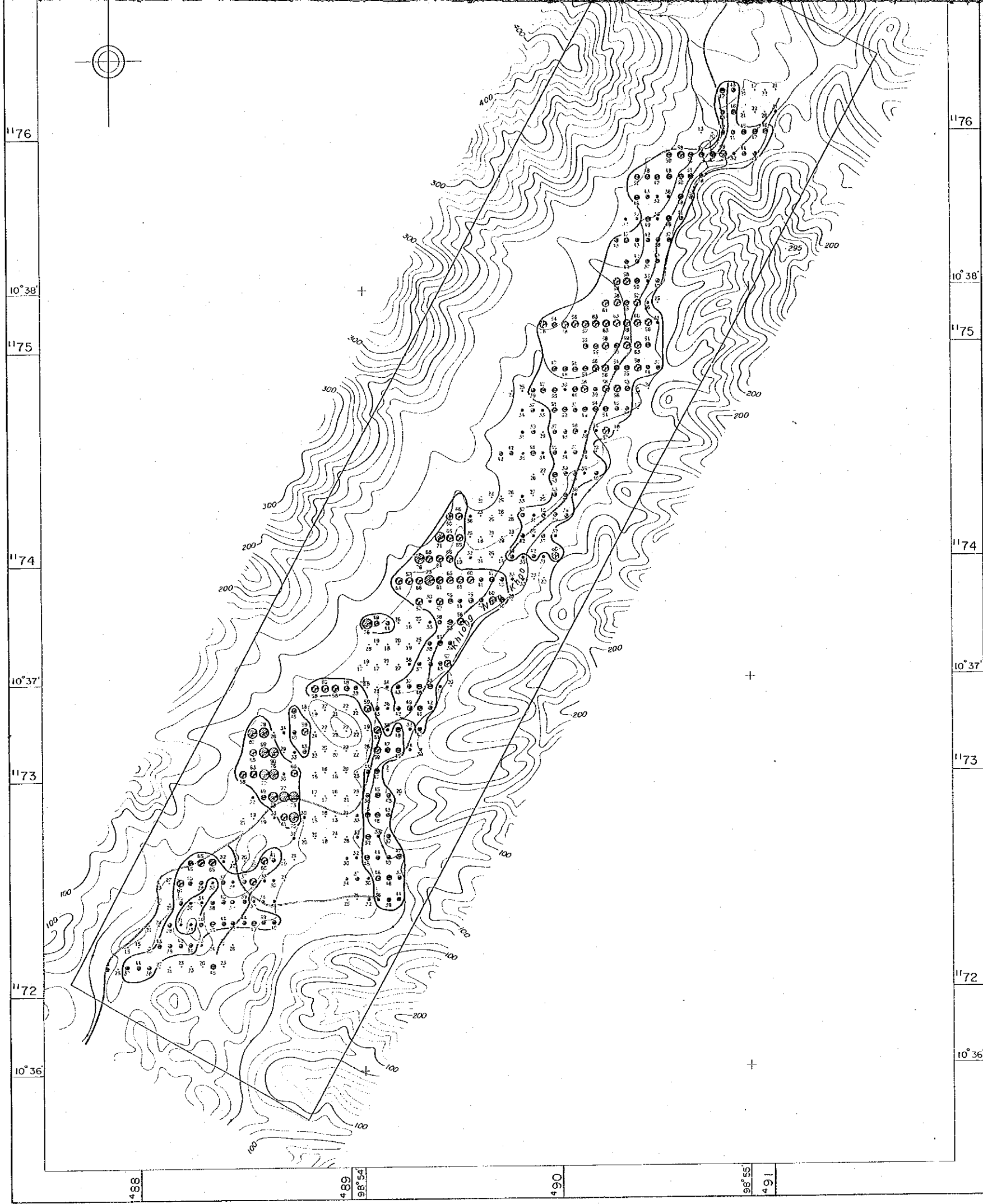
$M + \sigma \leq \text{○} < M + 1.5\sigma$

$M + 0.5\sigma \leq \text{◦} < M + \sigma$

$M \leq \text{◦} < M + 0.5\sigma$

$M - 0.5\sigma \leq \text{◦} < M$

$\text{◦} < M - 0.5\sigma$

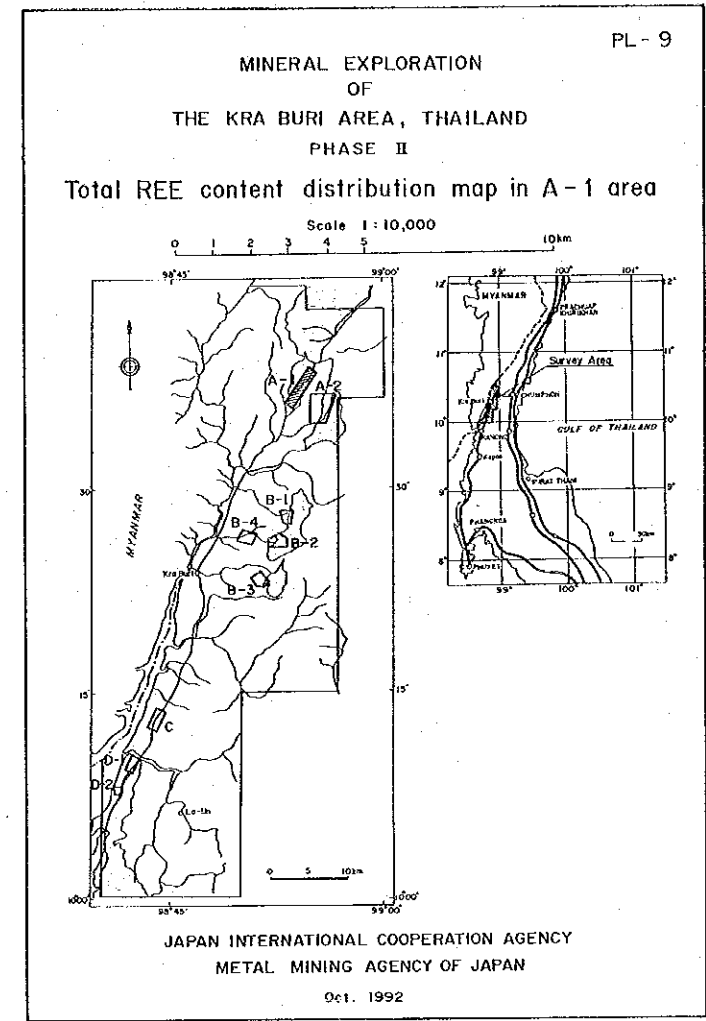


LEGEND

○ anomaly zone

SI—content of each sample (ppm)

- $M + 1.5\sigma \leq$ (circle with diagonal lines)
- $M + \sigma \leq$ ○ $< M + 1.5\sigma$
- $M + 0.5\sigma \leq$ ○ $< M + \sigma$
- M ○ $< M + 0.5\sigma$
- $M - 0.5\sigma \leq$ ○ $< M$
- $< M - 0.5\sigma$

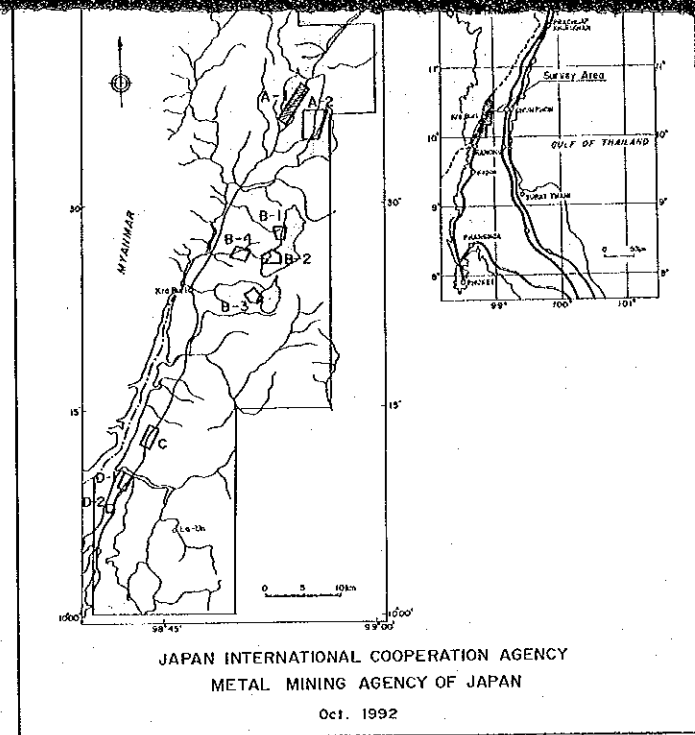
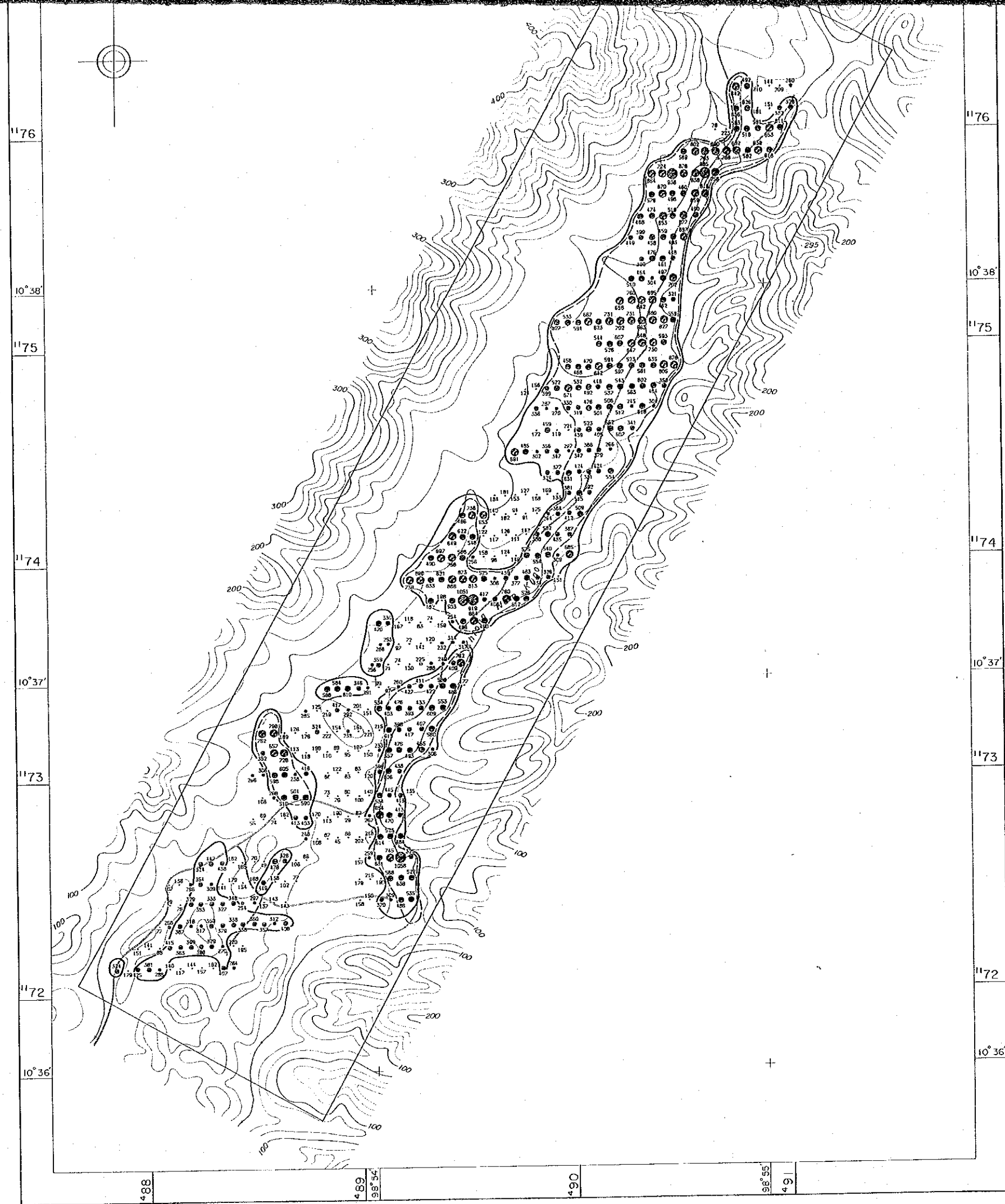


LEGEND




- anomaly zone
- assumed basin of cassiterite

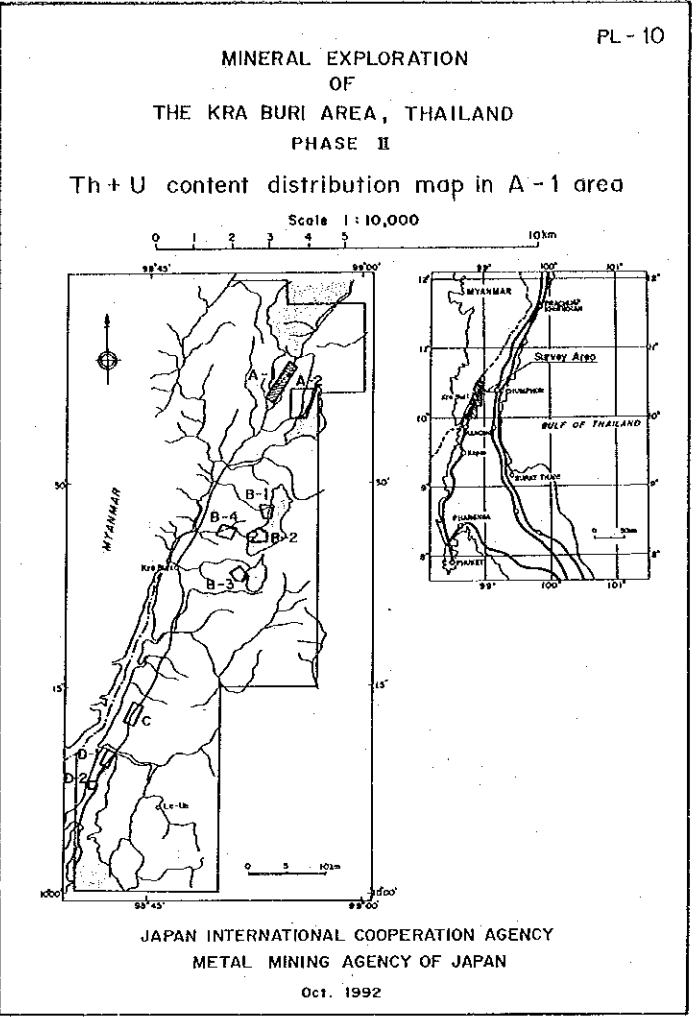
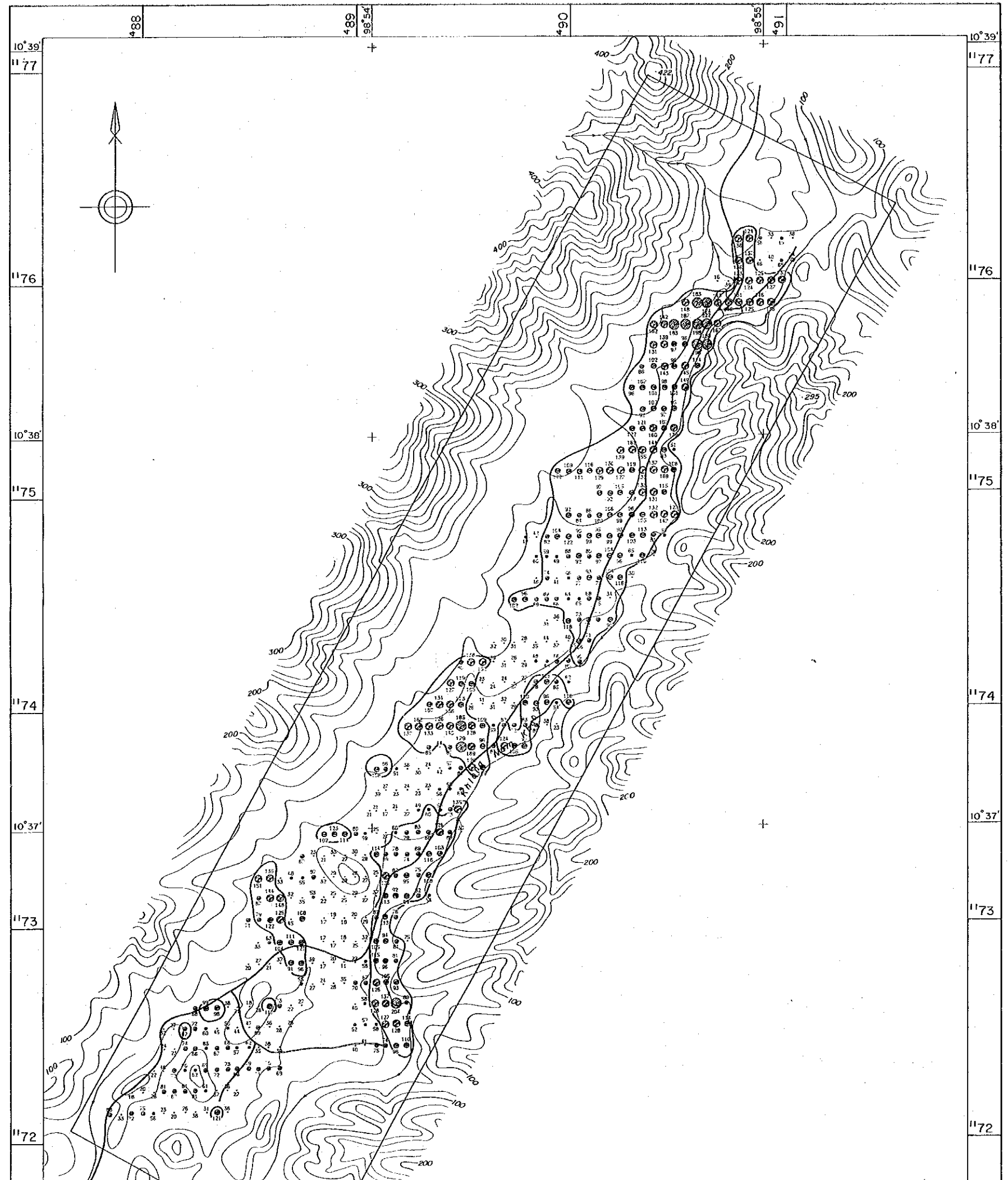
① content of each sample (ppm)

- $M + 1.5\sigma \leq \text{●}$
- $M + \sigma \leq \text{○} < M + 1.5\sigma$
- $M + 0.5\sigma \leq \text{◐} < M + \sigma$
- $M \leq \text{◑} < M + 0.5\sigma$
- $M - 0.5\sigma \leq \text{◒} < M$
- $\text{◓} < M - 0.5\sigma$



LEGEND

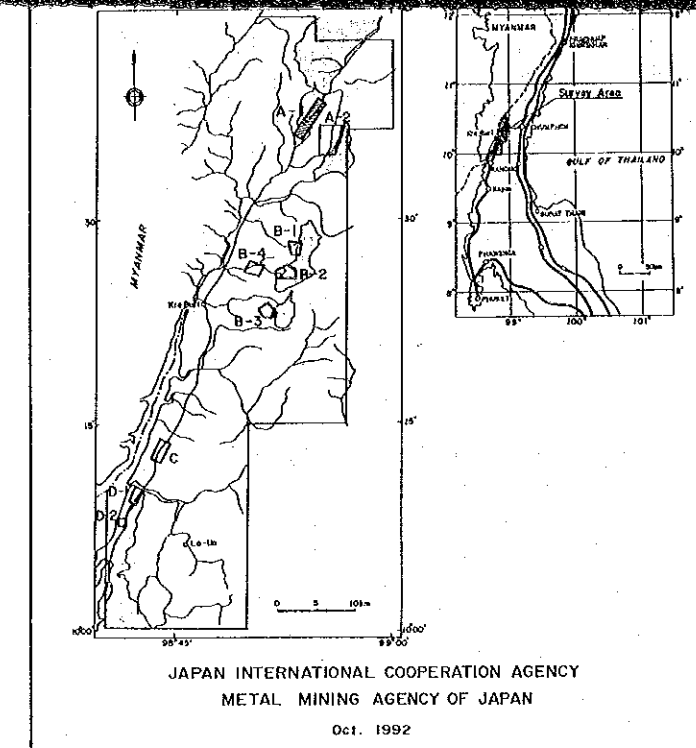
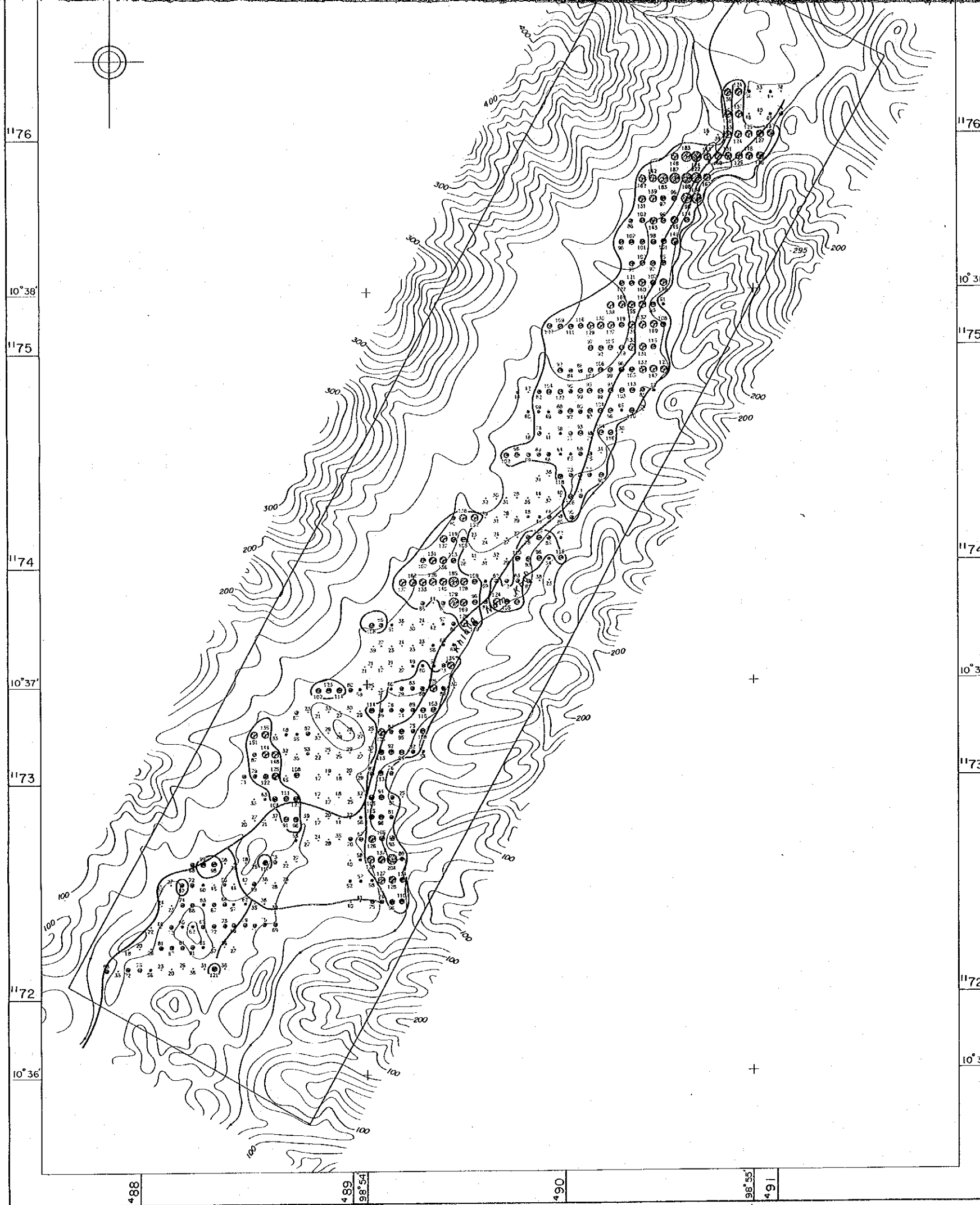
-  anomaly zone
-  assumed basin of cassiterite
-  content of each sample (ppm)
- $M + 1.5\sigma \leq \text{●}$
- $M + \sigma \leq \text{○} < M + 1.5\sigma$
- $M + 0.5\sigma \leq \text{◐} < M + \sigma$
- $M \leq \text{◑} < M + 0.5\sigma$
- $M - 0.5\sigma \leq \text{◒} < M$
- $\text{◓} < M - 0.5\sigma$



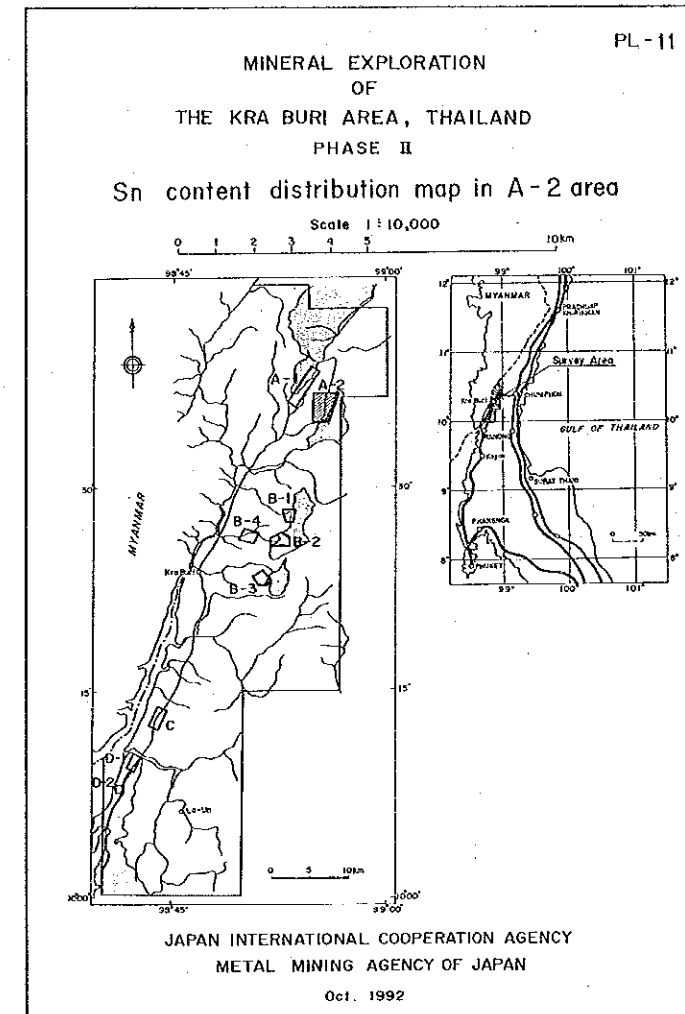
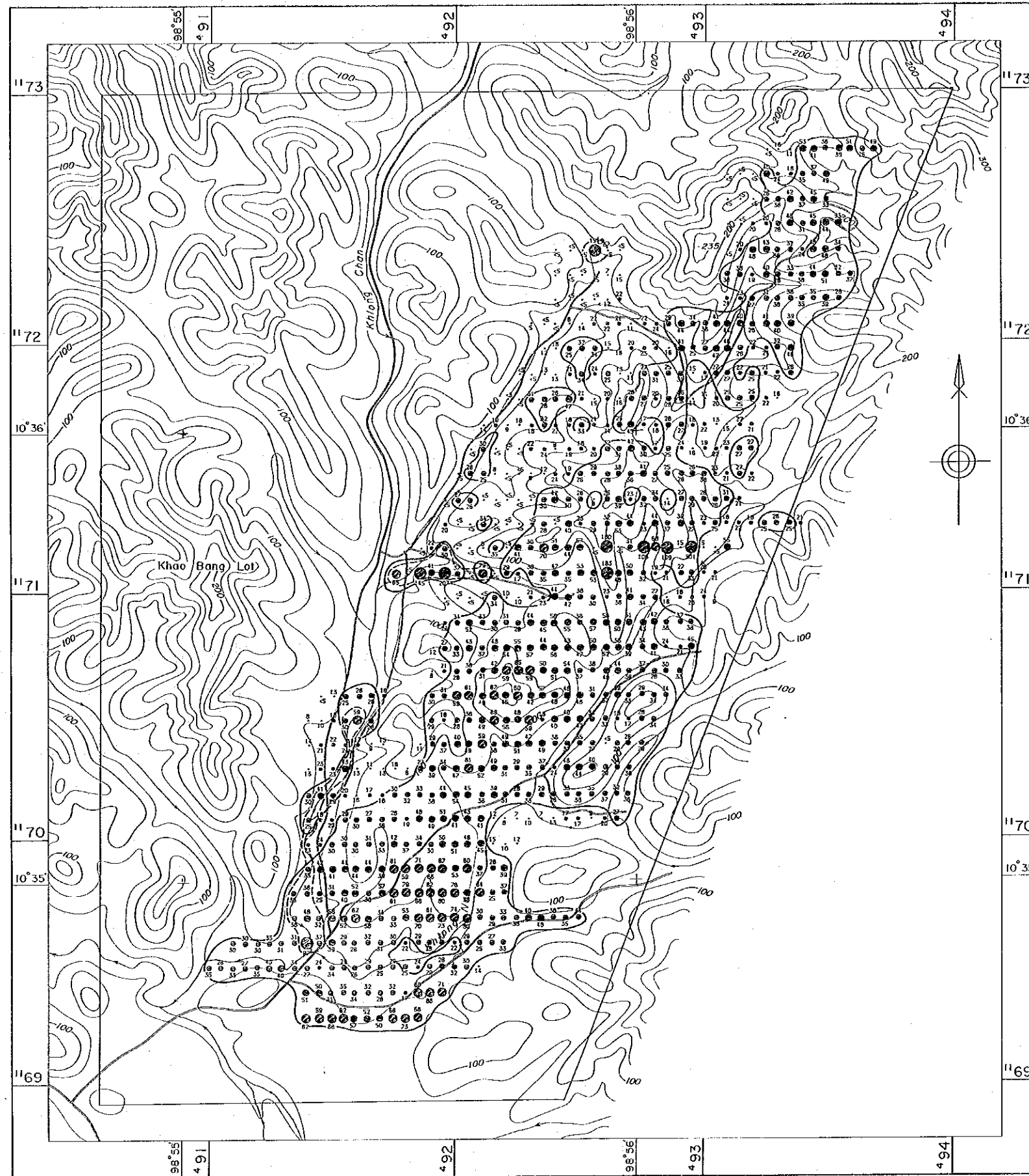
LEGEND

○ anomaly zone

- content of each sample (ppm)
- $M + 1.5\sigma \leq \text{Symbol} < M + \sigma$
 - $M + \sigma \leq \text{Symbol} < M + 1.5\sigma$
 - $M + 0.5\sigma \leq \text{Symbol} < M + \sigma$
 - $M \leq \text{Symbol} < M + 0.5\sigma$
 - $M - 0.5\sigma \leq \text{Symbol} < M$
 - $\text{Symbol} < M - 0.5\sigma$

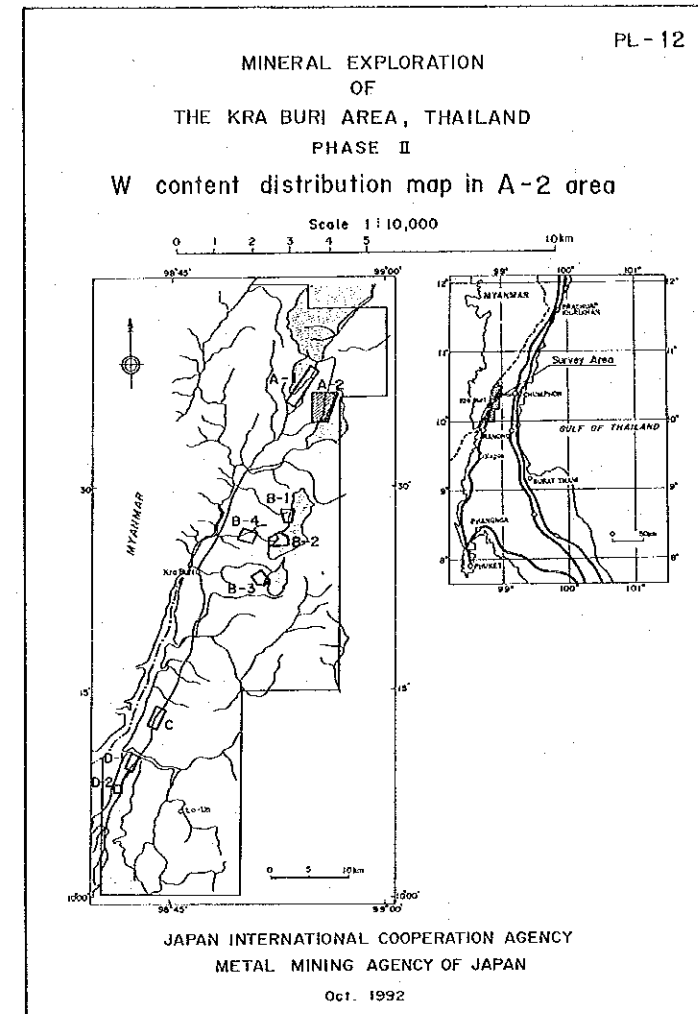
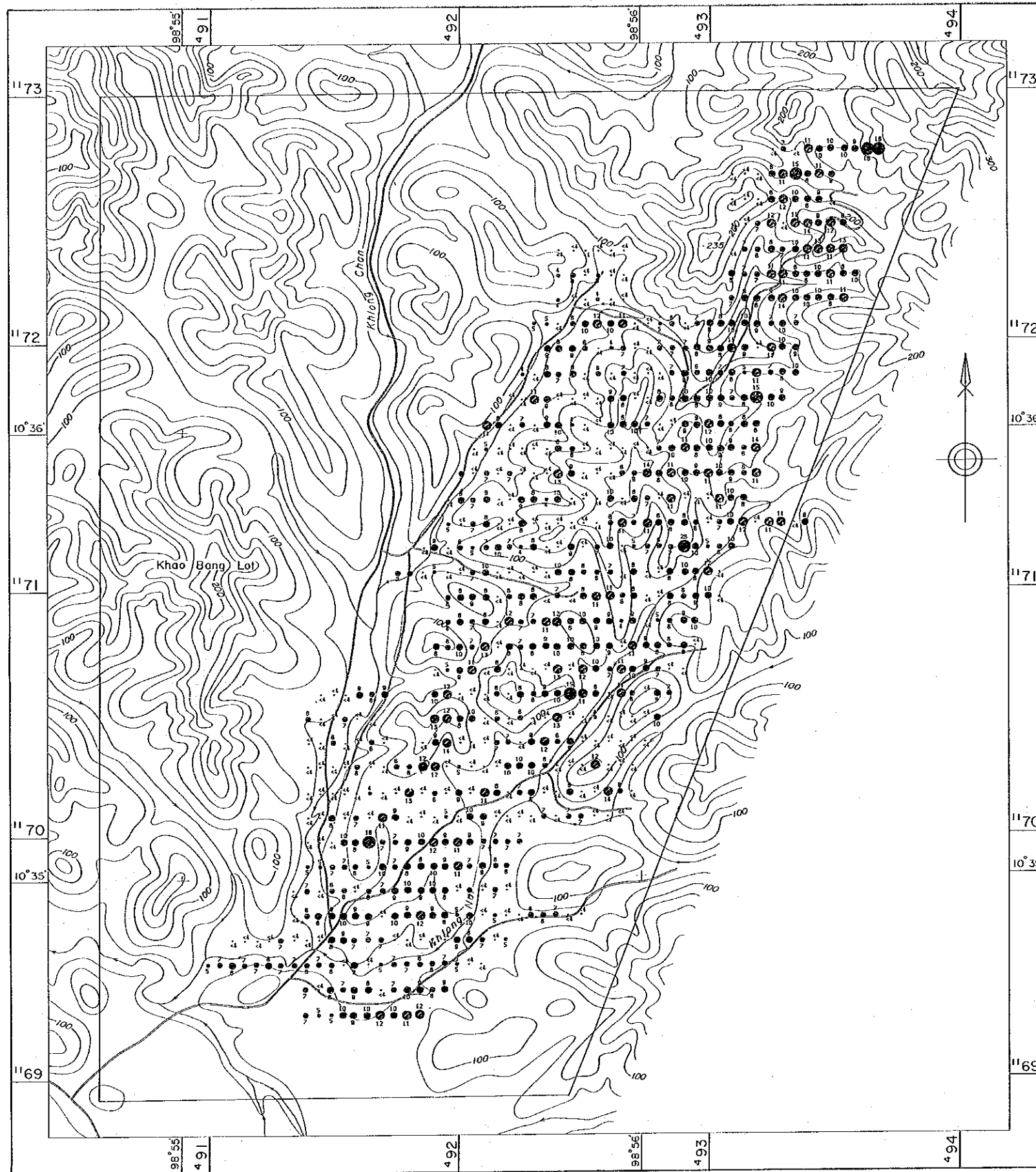


- LEGEND**
- anomaly zone
 - ⑤ content of each sample (ppm)
 - $M + 1.5\sigma \leq$ ●
 - $M + \sigma \leq$ ⊙ $< M + 1.5\sigma$
 - $M + 0.5\sigma \leq$ ○ $< M + \sigma$
 - $M \leq$ ◦ $< M + 0.5\sigma$
 - $M - 0.5\sigma \leq$ ◌ $< M$
 - ◊ $< M - 0.5\sigma$



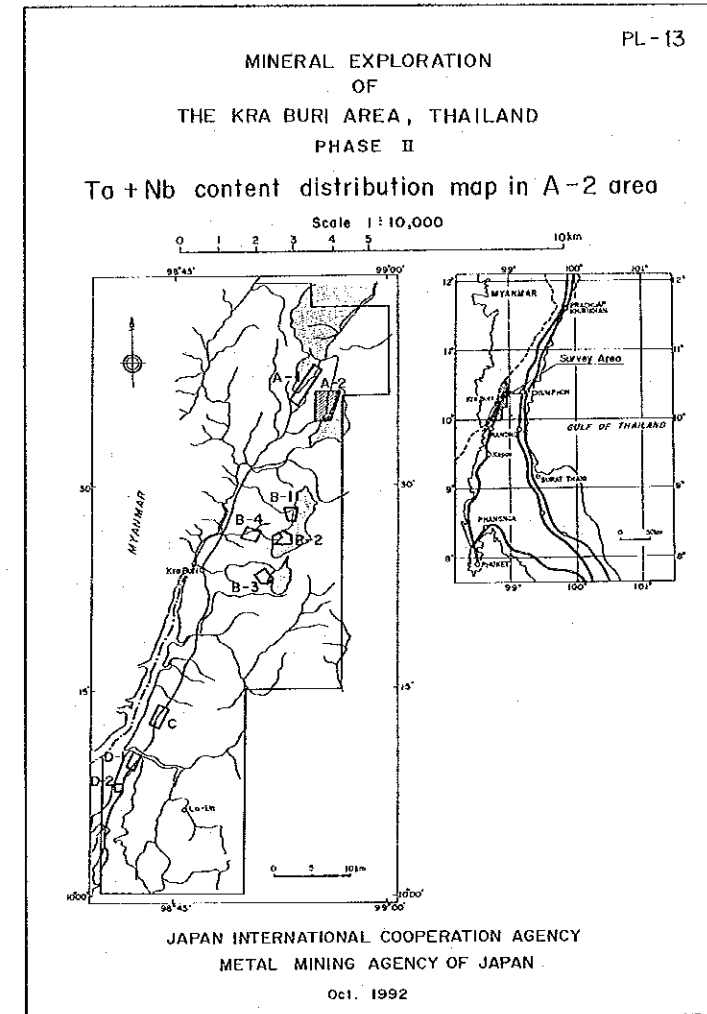
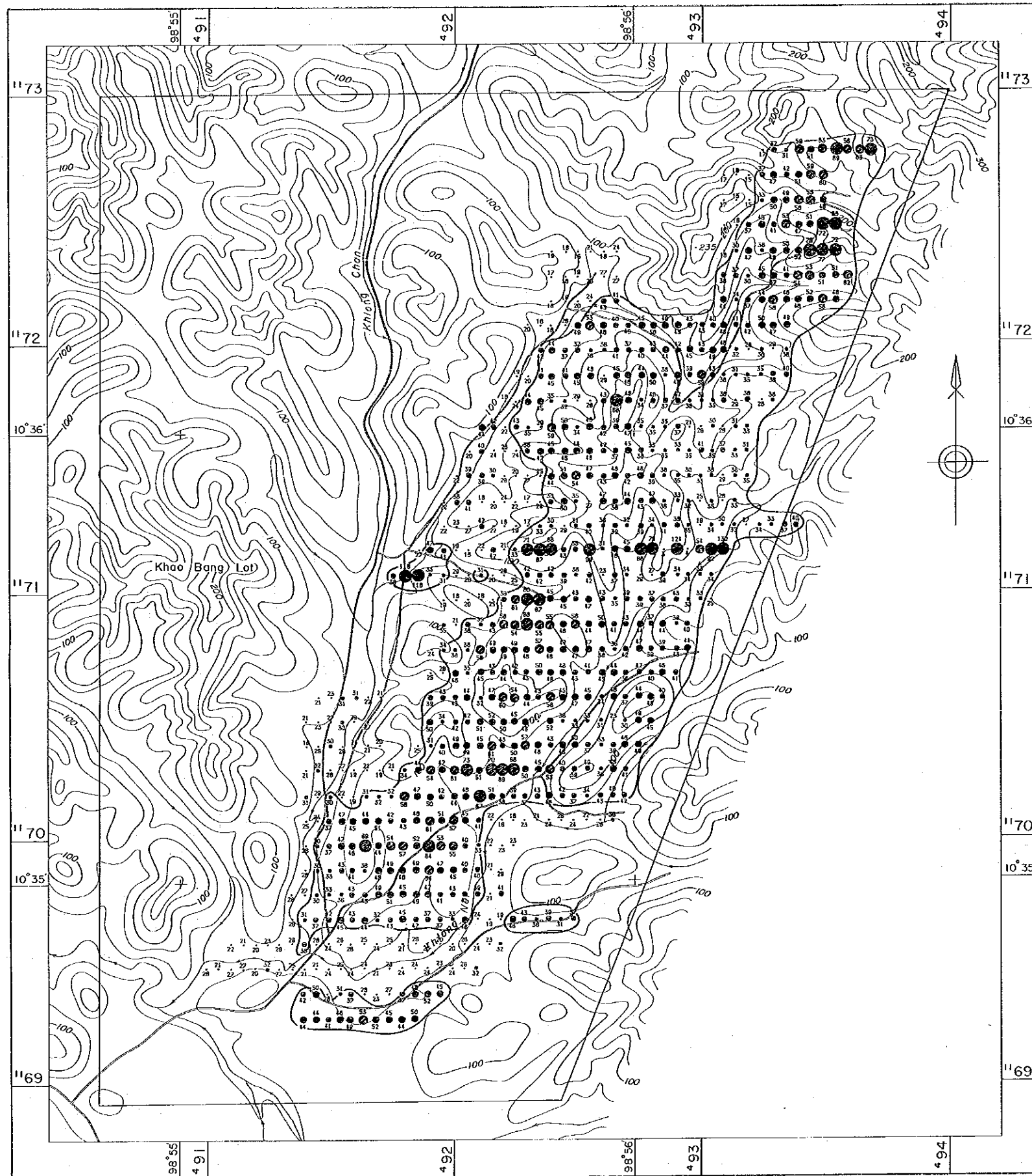
LEGEND

- anomaly zone
- assumed basin of cassiterite
- content of each sample (ppm)
- $M + 1.5\sigma \leq$ ●
- $M + \sigma \leq$ ○ $< M + 1.5\sigma$
- $M + 0.5\sigma \leq$ ○ $< M + \sigma$
- M ○ $< M + 0.5\sigma$
- $M - 0.5\sigma \leq$ ○ $< M$
- $< M - 0.5\sigma$



LEGEND

- — content of each sample (ppm)
- $M + 1.5\sigma \leq$ ●
- $M + \sigma \leq$ ○ $< M + 1.5\sigma$
- $M + 0.5\sigma \leq$ ○ $< M + \sigma$
- $M \leq$ ○ $< M + 0.5\sigma$
- $M - 0.5\sigma \leq$ • $< M$
- $< M - 0.5\sigma$



LEGEND

○ anomaly zone

si — content of each sample (ppm)

● $M + 1.5\sigma \leq$

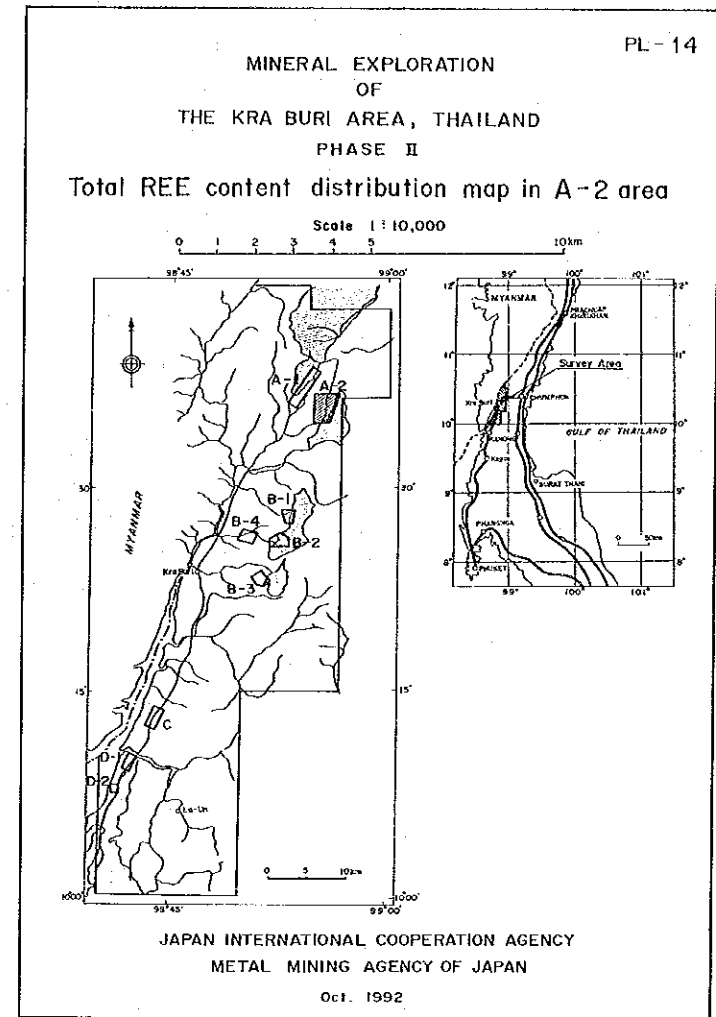
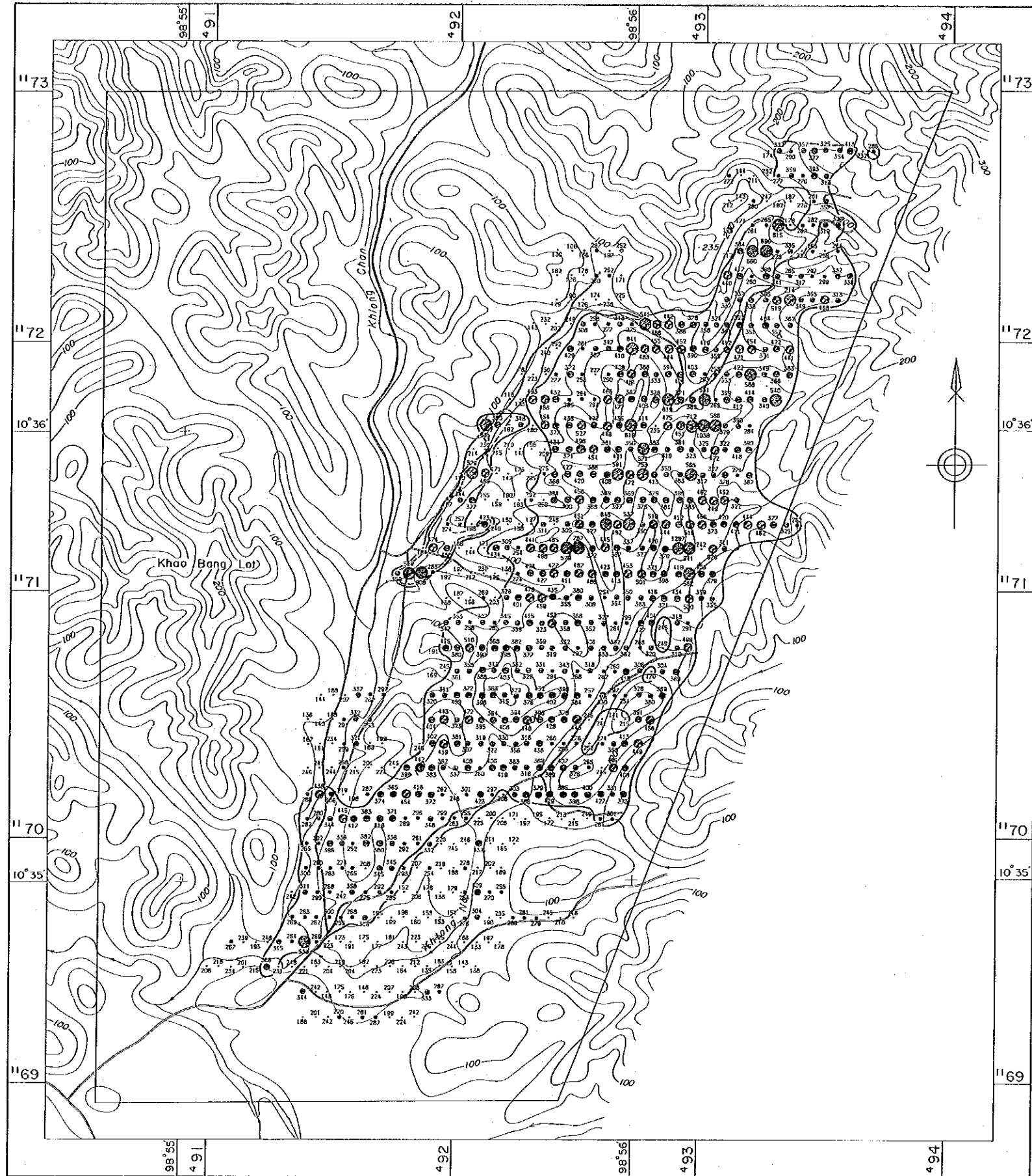
○ $M + \sigma \leq$ ○ $< M + 1.5\sigma$

○ $M + 0.5\sigma \leq$ ○ $< M + \sigma$

○ $M \leq$ ○ $< M + 0.5\sigma$

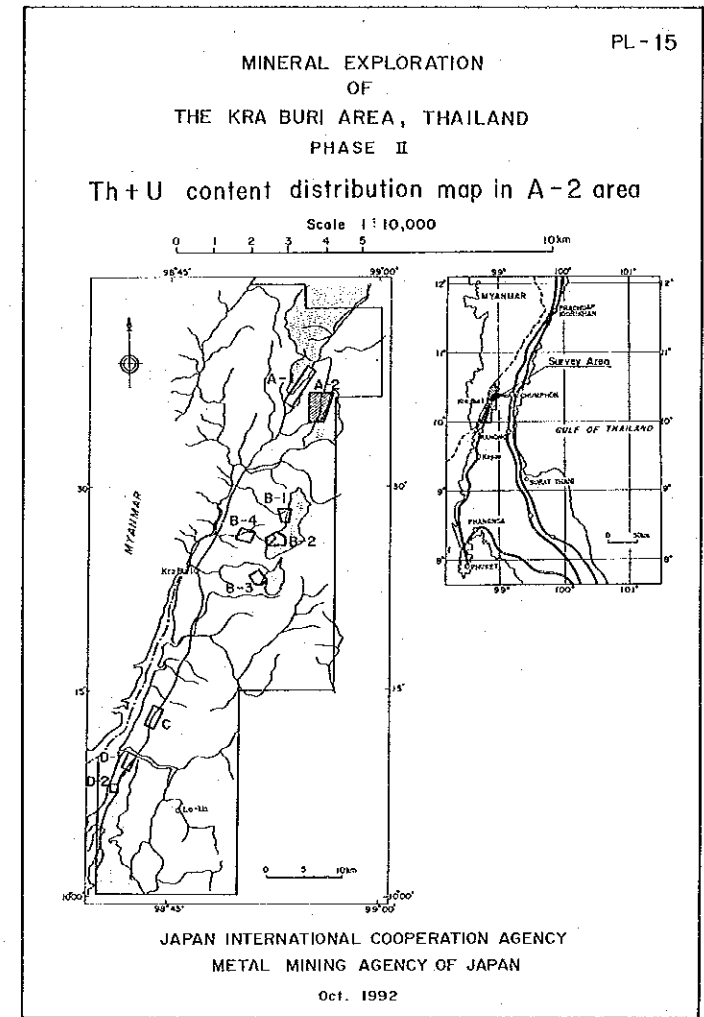
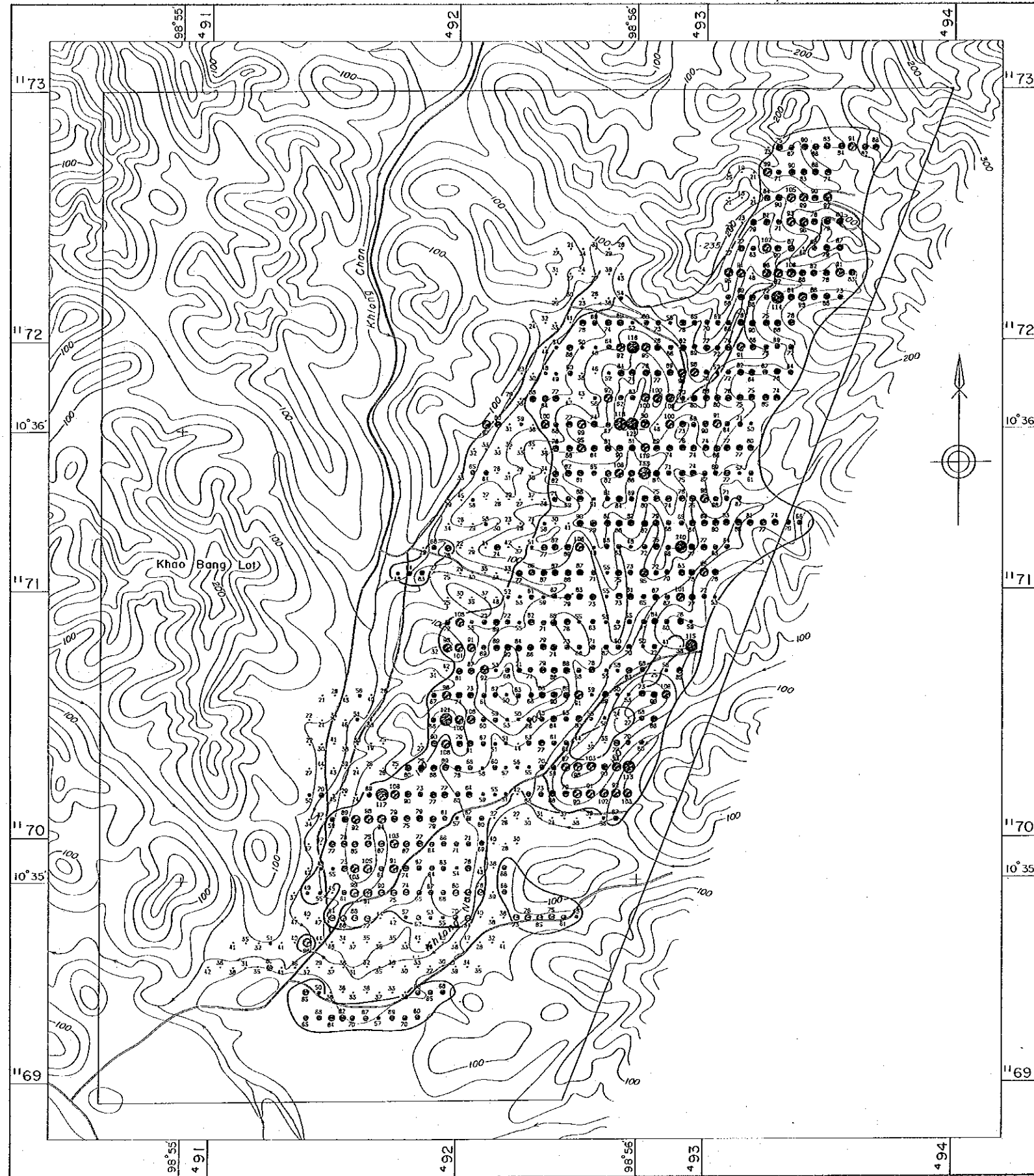
○ $M - 0.5\sigma \leq$ ○ $< M$

○ $< M - 0.5\sigma$



LEGEND

- anomaly zone
- assumed basin of REE minerals
- 51—content of each sample (ppm)
- $M + 1.5\sigma$ ●
- $M + \sigma$ ○ < $M + 1.5\sigma$
- $M + 0.5\sigma$ ○ < $M + \sigma$
- M ○ < $M + 0.5\sigma$
- $M - 0.5\sigma$ ○ < M
- < $M - 0.5\sigma$



LEGEND

○ anomaly zone

51—content of each sample (ppm)

- M + 1.5σ
- M + σ
- M + 0.5σ
- M
- M - 0.5σ
- < M - 0.5σ