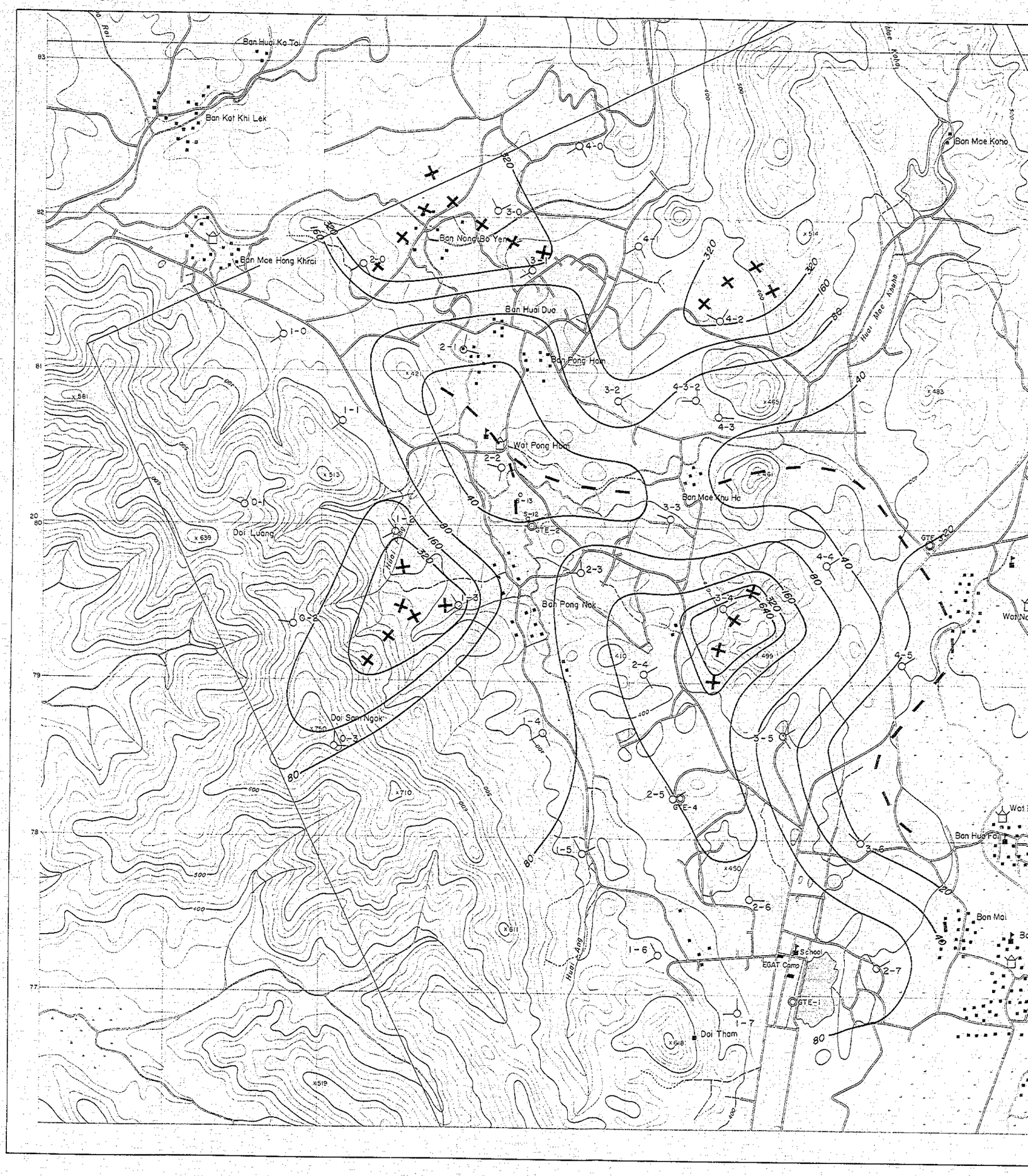
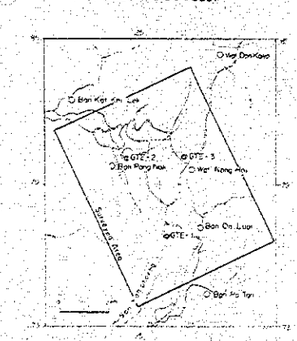

Ban Huai Ko Tai
Ban Kat Khi Lek
Ban Mae Hong Khrai
Ban Nong Bo Yen
Ban Huai Duo
Ban Pong Hom
Wat Pong Hom
Ban Mae Khu Ha
Doi Luang
Ban Pong Nok
Doi San Ngok
Ban Mae Koho
Huai Mae Kasha
Huai Pong
Huai Ang
Wat Na
Ban Huai Ra
Ban Mai
School
EGAT Camp
Doi Tham
GTE-1
GTE-2
GTE-4
0-1
0-2
0-3
1-0
1-1
1-2
1-3
1-4
1-5
1-6
1-7
2-0
2-1
2-2
2-3
2-4
2-5
2-6
2-7
3-0
3-1
3-2
3-3
3-4
3-5
3-6
4-0
4-1
4-2
4-3
4-3-2
4-4
4-5
S-12
S-13
320
160
80
40
640
83
82
81
20
80
79
78
77

11019

PL.II 2.1-2

THE PRE-FEASIBILITY STUDY
ON
THE SAN KAMPAENG GEOTHERMAL DEVELOPMENT PROJECT
IN THE KINGDOM OF THAILAND

APPARENT RESISTIVITY ISOCONTOURS
(Period 11.1304sec)



JAPAN INTERNATIONAL COOPERATION AGENCY
ELECTRICITY GENERATING AUTHORITY OF THAILAND
DEPARTMENT OF MINERAL RESOURCES
CHIANG MAI UNIVERSITY

MARCH 1983

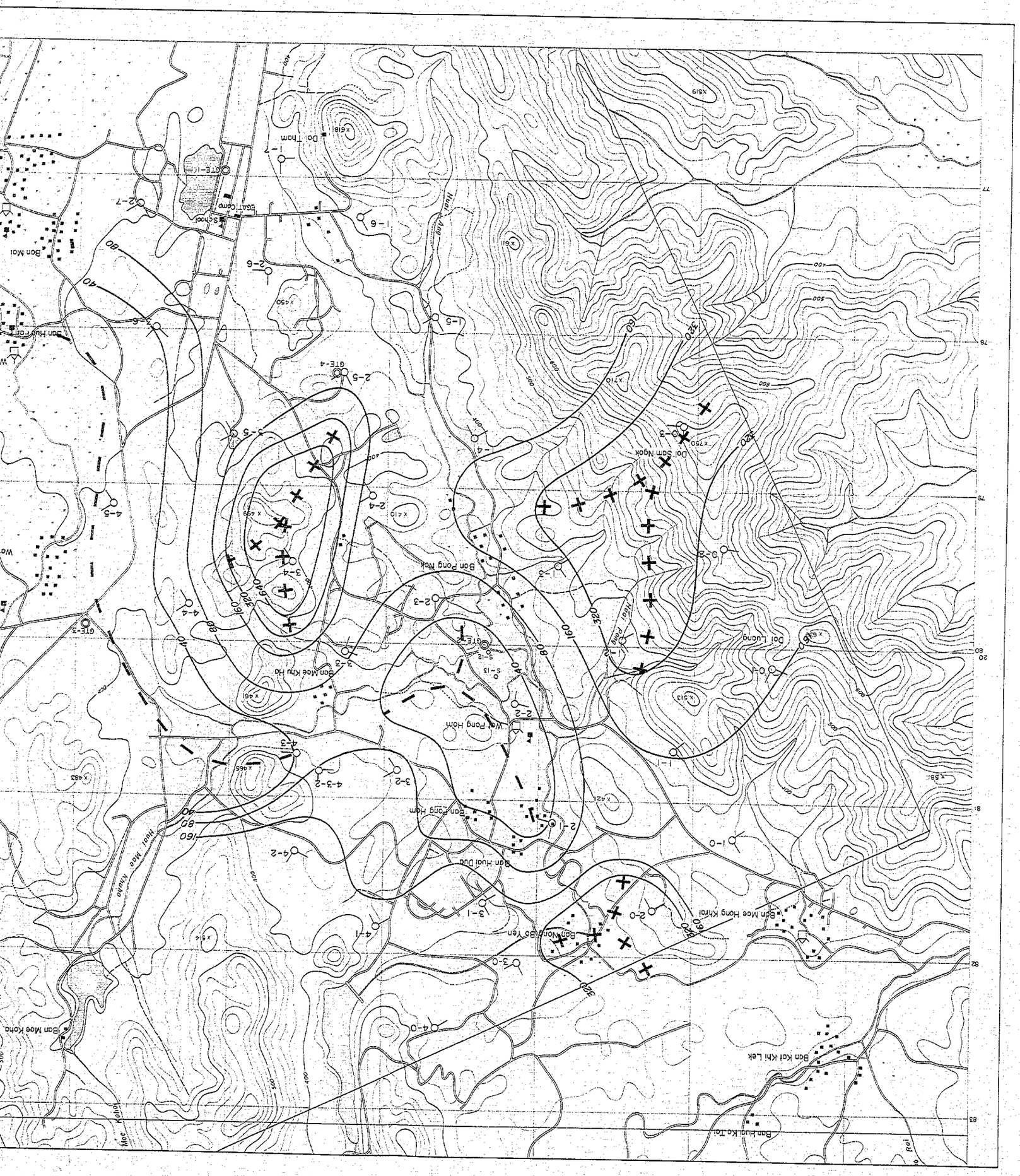
0 500 1000m

LEGEND

- Confirmed road
- Unconfirmed road
- Stream
- Village
- Wat
- School
- Rice field
- Dam (water reserve)

- 80 — Apparent resistivity contour (Ω-m)
- High resistivity anomaly
- Low resistivity anomaly
- 3-5 — Measurement point

Ban Mae Kaho
Huai Mae Khaho
Nam Mae Lai
Huai Mae Phaem
Huai Wai
Ban Nong Hoi
Wat Nong Hoi
Huai Mae Na Kaen
Huai Pa Po
Nam Mae On
Ban Mai Takhian
Nam Mae Pa Khang
Wat Hua Fai
Ban Hua Fai
Ban Mae Pa Khang
Ban Mai
Ban On Luai
School
Camp
GTE-1
Wat Don Sai
Huai Ko Pang
Ban Mai Muang Huai
Ban Huai Sai
Nam Mae Wat
GTE-4
4-4
4-5
3-6
2-7
x 514
x 632
x 622
x 483
x 530
x 456
854x
320
160
80
40
20
500
600
800
400
83
82
81
80
79
78
77


Ban Huai Ka Tai
Ban Mae Kohong
Ban Kai Khi Lek
Ban Mae Hong Khrai
Ban Nong Bo Yen
Ban Huai Dua
Ban Pong Hom
Wat Pong Hom
Ban Mae Khu Ha
Ban Pong Mok
Doi Luong
Doi Sam Ngok
Doi Tham
Ban Mae Kohong
Ban Mae Khuang
Huai Mae Khuang
Huai Pong
Huai Ang
Ban Huai Fai
Ban Mai
School
Boat Camp
Mae Kolon
Ban Mae Khong
Ban Mae Hong Khrai
Ban Huai Dua
Ban Pong Hom
Ban Pong Mok
Doi Luong
Doi Sam Ngok
Doi Tham
Ban Mae Khu Ha
Ban Mae Khong
Ban Huai Fai
Ban Mai
School
Boat Camp
Mae Kolon
Huai Mae Khuang
Huai Pong
Huai Ang
Huai Fai
Ban Mae Khong
Ban Mae Khu Ha
Ban Pong Mok
Ban Pong Hom
Ban Huai Dua
Ban Nong Bo Yen
Ban Mae Hong Khrai
Ban Kai Khi Lek
Ban Huai Ka Tai
Wat Pong Hom
Doi Luong
Doi Sam Ngok
Doi Tham
Ban Mai
Boat Camp
School
Ban Huai Fai
Ban Mae Khong
Ban Mae Khuang

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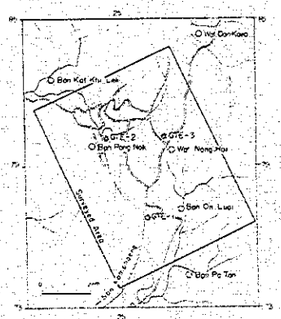
PL. II.2.1-3

THE PRE-FEASIBILITY STUDY
ON
THE SAN KAMPAENG GEOTHERMAL DEVELOPMENT PROJECT
IN THE KINGDOM OF THAILAND

APPARENT RESISTIVITY ISOCONTOURS

(Period 39.384 sec)



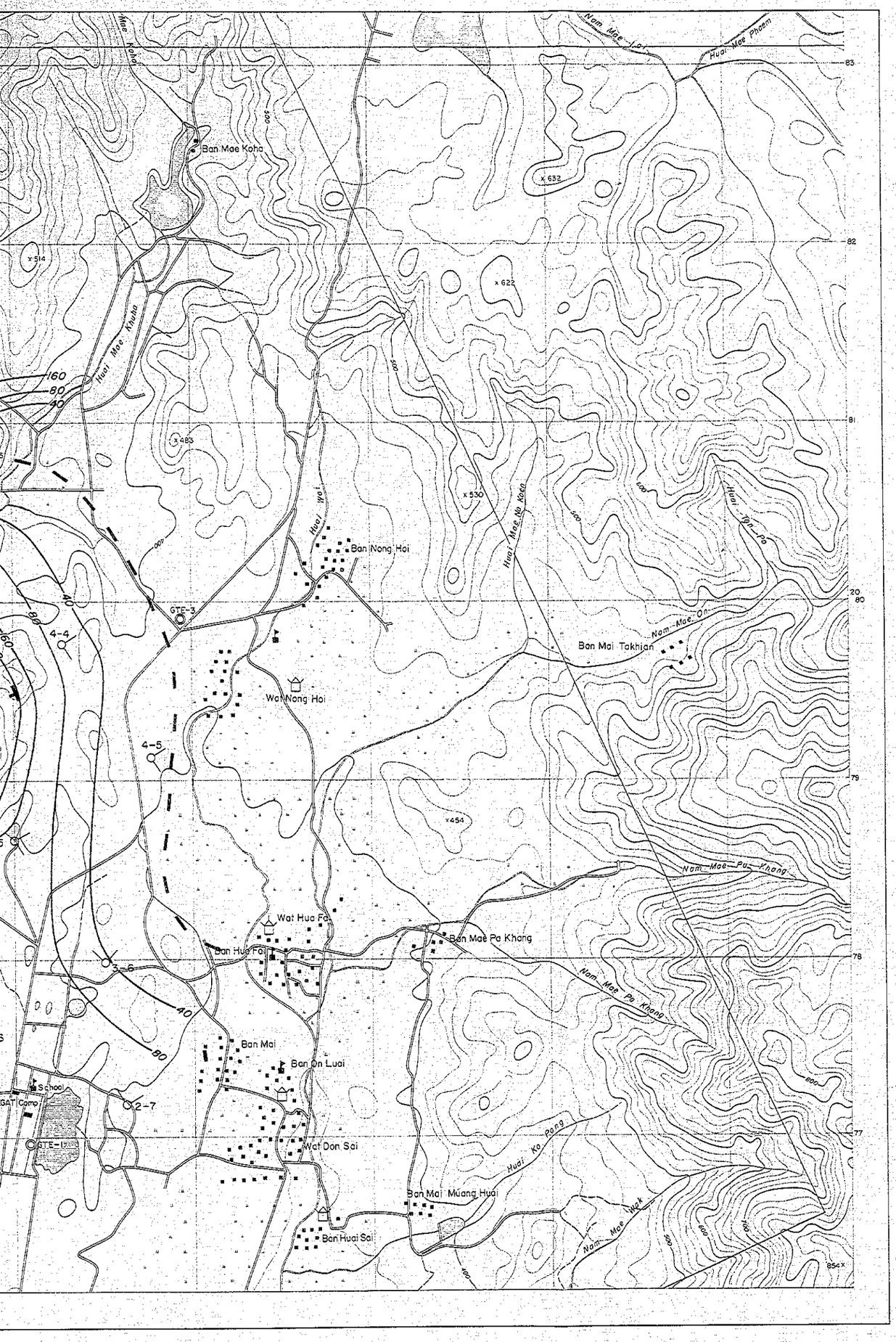
JAPAN INTERNATIONAL COOPERATION AGENCY
ELECTRICITY GENERATING AUTHORITY OF THAILAND
DEPARTMENT OF MINERAL RESOURCES
CHIANG MAI UNIVERSITY

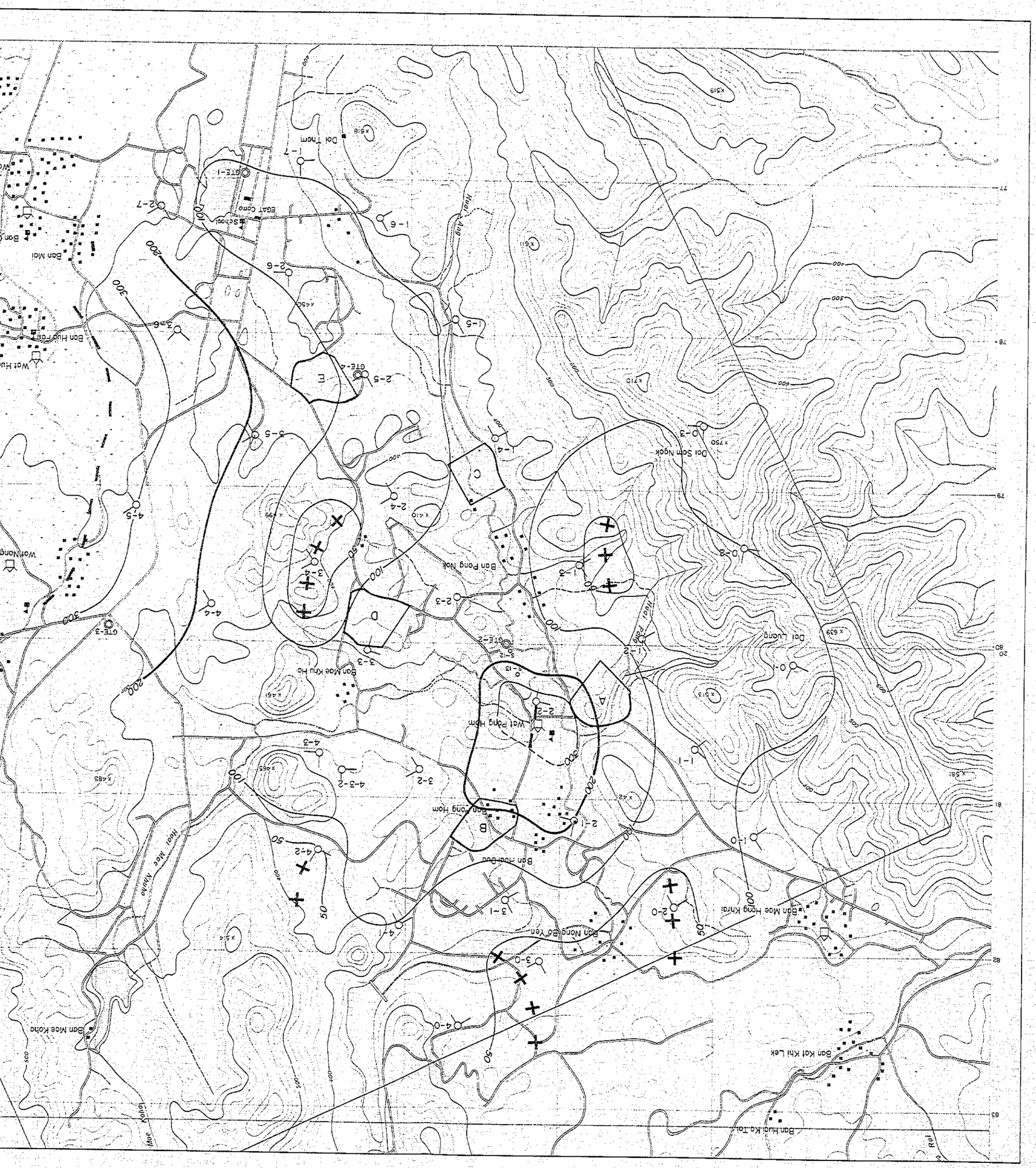
MARCH 1983

0 500 1000m

LEGEND

- Confirmed road
- Unconfirmed road
- Stream
- Village
- Wat
- School
- Rice field
- Dam (water reserve)
- 80 — Apparent resistivity contour (Ω-m)
- High resistivity anomaly
- Low resistivity anomaly
- 3-5 — Measurement point




Ban Hua Ka Tor
Ban Kat Khi Lek
Ban Mae Kong
Ban Nong Bo Yen
Ban Mae Hong Khrai
Ban Tuai Duo
Ban Pong Hom
Wat Pong Hom
Ban Mae Khu Ho
Ban Pong Nok
Doi Luong
Doi Som Ngok
Doi Tham
Wat Nong
Wat Hua
Ban Mae Kong
Ban Mai
Ban Huai Fon
Huay Mae Kong
Huai Pong
Huai Ang
Huay Joy
Ruf
A
B
C
D
E
GTE-1
GTE-2
GTE-3
GTE-4
EGAT Camp
School
50
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400
2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000
4100
4200
4300
4400
4500
4600
4700
4800
4900
5000
5100
5200
5300
5400
5500
5600
5700
5800
5900
6000
6100
6200
6300
6400
6500
6600
6700
6800
6900
7000
7100
7200
7300
7400
7500
7600
7700
7800
7900
8000
8100
8200
8300
77
78
79
80
81
82
83
1-0
1-1
1-2
1-3
1-4
1-5
1-6
1-7
2-0
2-1
2-2
2-3
2-4
2-5
2-6
2-7
3-0
3-1
3-2
3-3
3-4
3-5
3-6
4-0
4-1
4-2
4-3
4-3-2
4-4
4-5
5-12
0-1
0-2
0-3
0-13

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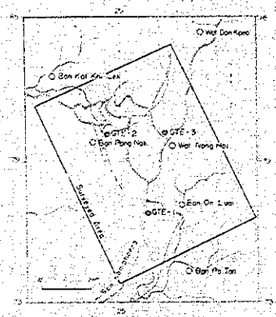
PL.II.2.1-4

THE PRE-FEASIBILITY STUDY
ON
THE SAN KAMPAENG GEOTHERMAL DEVELOPMENT PROJECT
IN THE KINGDOM OF THAILAND

TOTAL CONDUCTANCE



JAPAN INTERNATIONAL COOPERATION AGENCY
ELECTRICITY GENERATING AUTHORITY OF THAILAND
DEPARTMENT OF MINERAL RESOURCES
CHIANG MAI UNIVERSITY

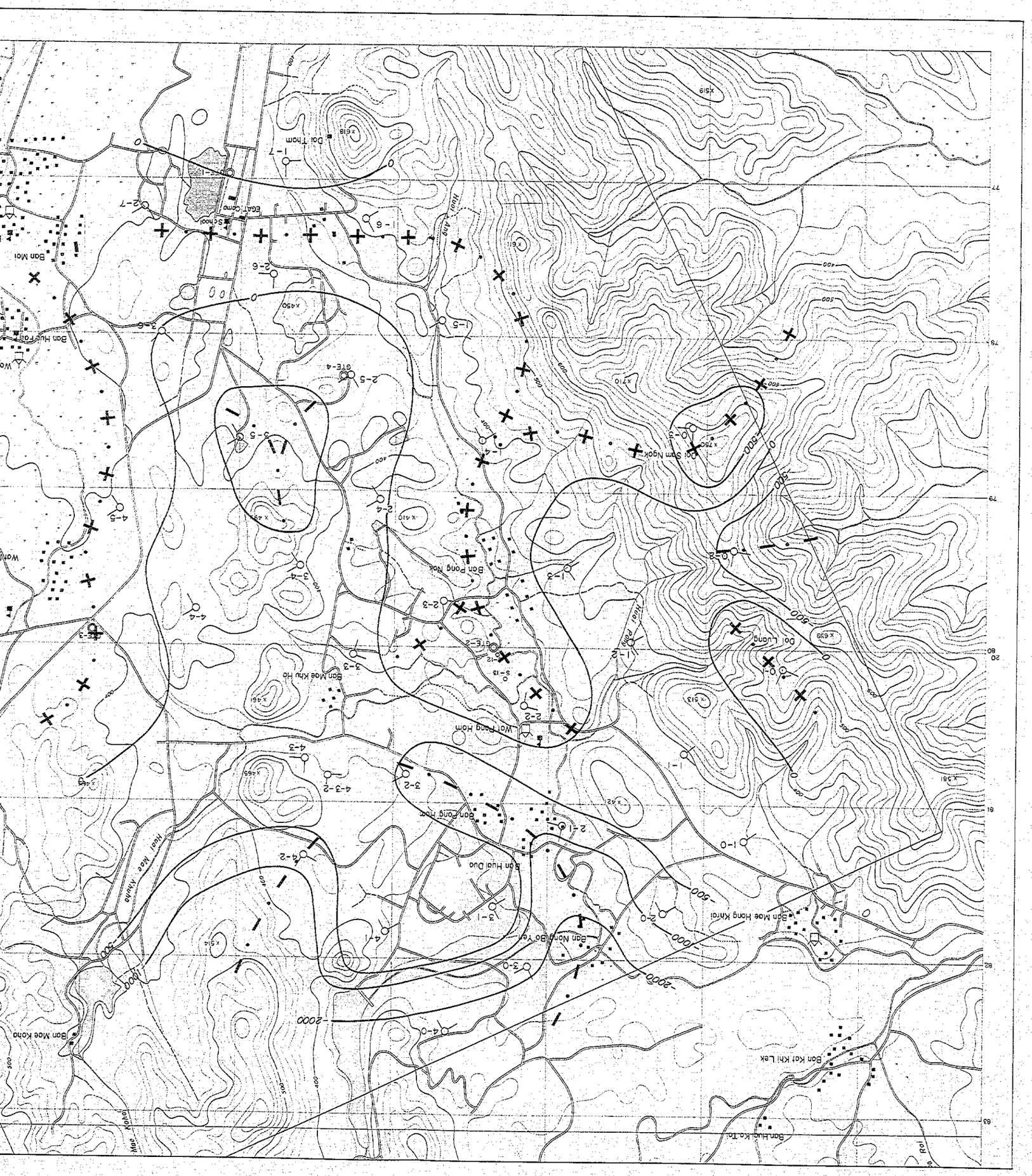
MARCH 1983

0 500 1000m

LEGEND

- Confirmed road
- Unconfirmed road
- Stream
- Village
- Wat
- School
- Rice field
- Dam (water reserve)
- 300 — Total conductance (mhos)
- Low conductance anomaly
- High conductance anomaly
- 3-5 — Measurement point

Ban Mae Koha
Wat Nong Hoi
Ban Nong Hoi
Ban Mai Takhian
Wat Hua Fai
Ban Hua Fai
Ban Mae Po Khong
Ban Mai
Ban On Luai
Wat Don Sai
Ban Mai Muang Huai
Ban Huai Sai
School
Camp
GTE-1
GTE-3
Nam Mae Lai
Huai Mae Phaem
Mae Koha
Huai Mae Khuha
Huai Wai
Huai Mae Na Koha
Huai Ton Pa
Nam Mae On
Nam Mae Po Khong
Huai Ko Poing
Nam Mae Hua
4-4
4-5
3-6
2-7
200
300
100
500
600
700
800
83
82
81
80
79
78
77
x 514
x 463
x 530
x 632
x 622
x 454
854x

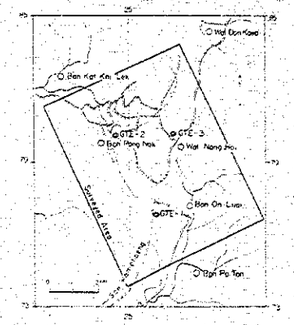

Ban Mae Kong
Ban Kat Khi Lek
Ban Hua Ko Tai
Ban Mae Hong Khrai
Ban Nong Bo Yai
Ban Hua Duo
Ban Pong Hoa
Wat Pong Hom
Ban Mae Klu Ho
Ban Pong Nok
Doi Luang
Doi Som Ngok
Ban Mae Kong
Ban Hua Por
Ban Mai
School
Doi Thom
Huay Pong
Huay Mae Khong
Huay Pong
Huay Mae Kong
Rai

11019

PL.II.21-5

THE PRE-FEASIBILITY STUDY
ON
THE SAN KAMPAENG GEOTHERMAL DEVELOPMENT PROJECT
IN THE KINGDOM OF THAILAND

STURUCTURE ISOCONTOURS FOR THE TOP OF THE SHALLOW CONDUCTIVE FORMATION



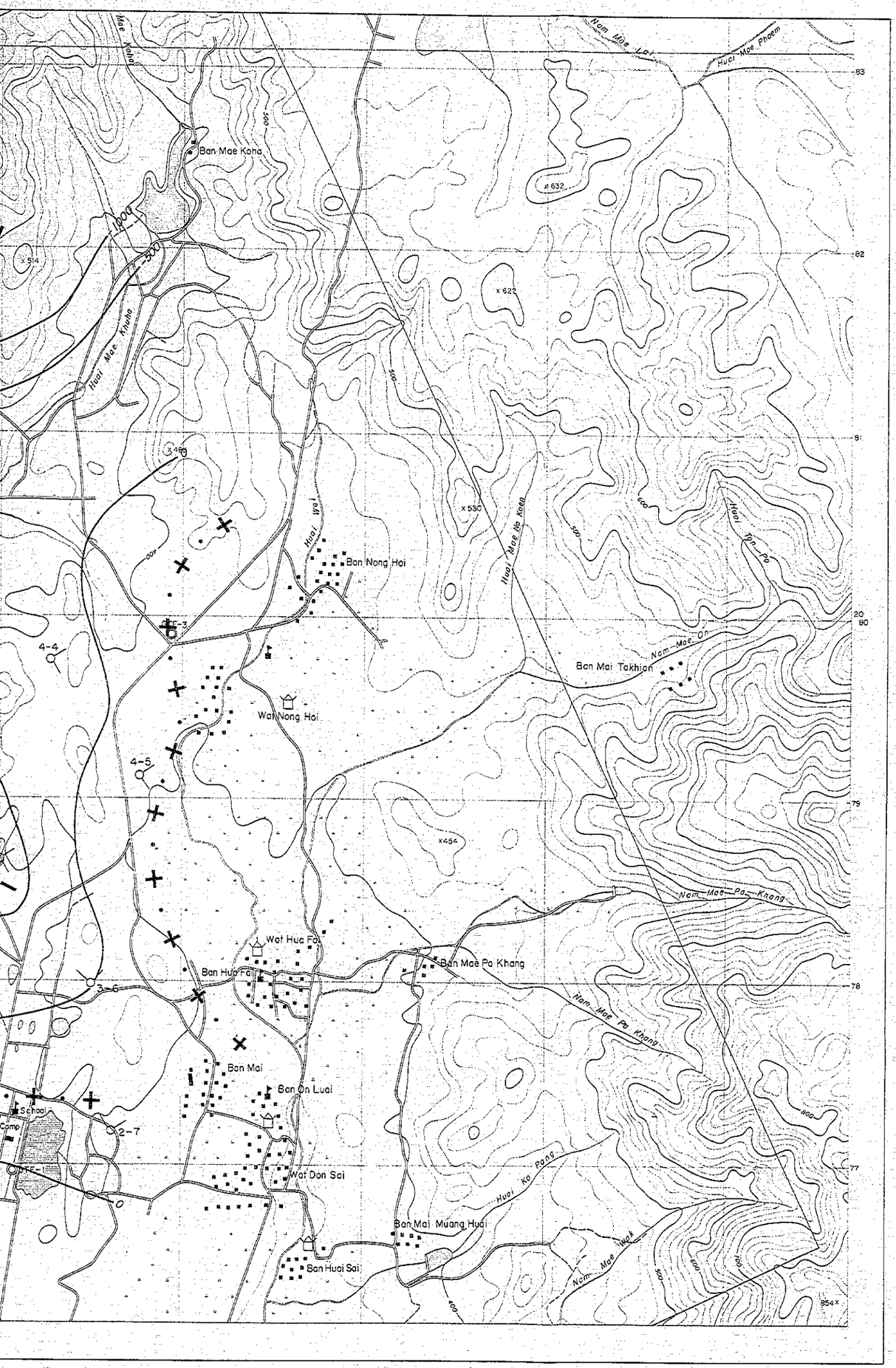
JAPAN INTERNATIONAL COOPERATION AGENCY
ELECTRICITY GENERATING AUTHORITY OF THAILAND
DEPARTMENT OF MINERAL RESOURCES
CHIANG MAI UNIVERSITY

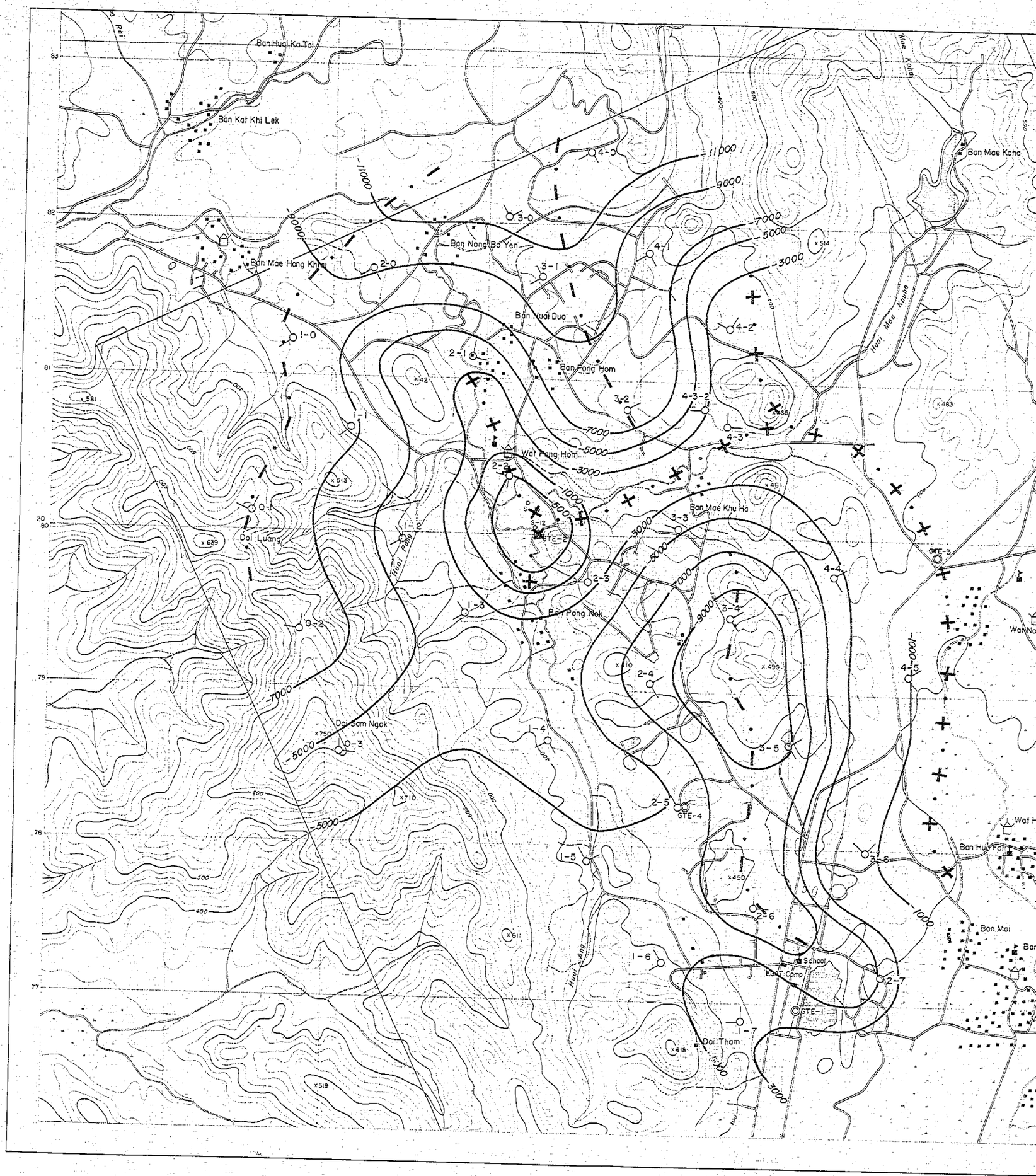
MARCH 1983

0 500 1000m

LEGEND

- Confirmed road
- Unconfirmed road
- Stream
- Village
- Wat
- School
- Rice field
- Dam (water reserve)
- -500 — Structure isocontour (m) (Sea level)
- Anticline axis
- Syncline axis
- 3-5 — Measurement point



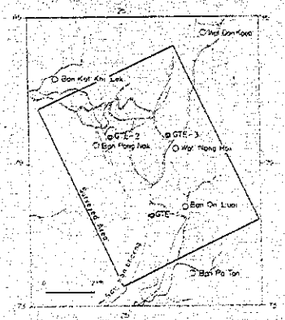

Ban Huai Ka Tai
Ban Kat Khi Lek
Ban Mae Kaha
Ban Nong Bo Yen
Ban Mae Hong Khrai
Ban Huai Dua
Ban Pong Hom
Wat Pong Hom
Ban Mae Khu Ha
Doi Luang
Ban Pong Nok
Doi Sam Ngok
GTE-4
GTE-3
GTE-1
School
Doi Tham
Ban Mai
Huai Mae Khuha
Huai Pong
Huai Ang
-11000
-9000
-7000
-5000
-3000
-1000

11019

PL.II.2.1-6

THE PRE-FEASIBILITY STUDY
ON
THE SAN KAMPAENG GEOTHERMAL DEVELOPMENT PROJECT
IN THE KINGDOM OF THAILAND

STRUCTURE ISOCONTOURS FOR THE TOP OF THE DEEP CONDUCTIVE FORMATION



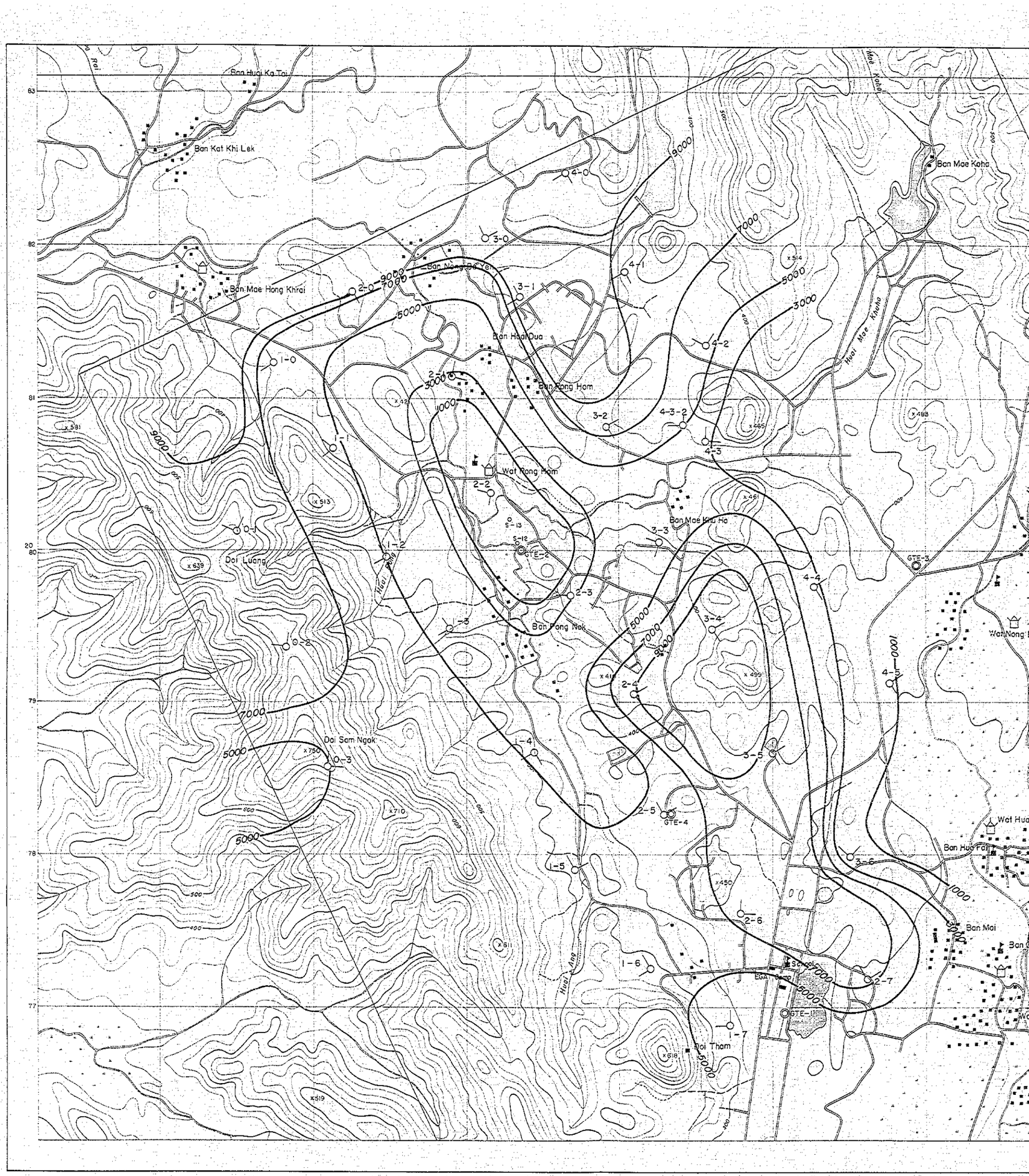
JAPAN INTERNATIONAL COOPERATION AGENCY
ELECTRICITY GENERATING AUTHORITY OF THAILAND
DEPARTMENT OF MINERAL RESOURCES
CHIANG MAI UNIVERSITY

MARCH 1983

0 500 1000m

LEGEND

- Confirmed road
- Unconfirmed road
- Stream
- Village
- Wat
- School
- Rice field
- Dam (water reserve)
- 7000 — Structure isocontour (m) (Sea level)
- Anticline axis
- Syncline axis
- 3-5 — Measurement point

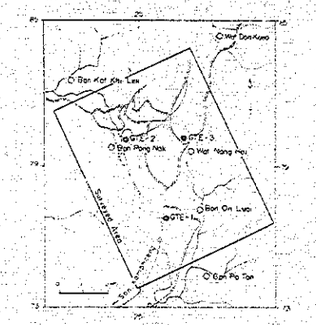

Ban Huai Ka Toi
Ban Kat Khi Lek
Ban Mae Hong Khrai
Ban Nong Pa Yet
Ban Hua Dua
Ban Kong Hom
Wat Kong Hom
Ban Mae Khu Ha
Ban Mae Kaha
Doi Luang
Ban Pong Nok
Doi Sam Ngok
Wat Nong
Wat Hua
Ban Hua Fai
Ban Mai
Doi Tham
Huai Mae Kaha
Huai Ang
GTE-1
GTE-2
GTE-3
GTE-4
9000
7000
5000
3000
1000

11019

PL.II.2.1-7

THE PRE-FEASIBILITY STUDY
ON
THE SAN KAMPAENG GEOTHERMAL DEVELOPMENT PROJECT
IN THE KINGDOM OF THAILAND

ISOPACHS OF THE OVERBURDEN OVERLYING THE DEEP CONDUCTIVE FORMATION



JAPAN INTERNATIONAL COOPERATION AGENCY
ELECTRICITY GENERATING AUTHORITY OF THAILAND
DEPARTMENT OF MINERAL RESOURCES
CHIANG MAI UNIVERSITY

MARCH, 1983

0 500 1000m

LEGEND

- Confirmed road
- Unconfirmed road
- Stream
- Village
- Wat
- School
- Rice field
- Dam (water reserve)
- 7000 — Isopach of the overburden (m)
- 3-5 — Measurement point

Ban Mae Kaha
Wat Nong Hoi
Ban Nong Hoi
Ban Mai Takhian
Wat Huo Fai
Ban Huo Fai
Ban Mae Pa Khang
Ban Mai
Ban On Luai
Wat Don Sai
Ban Mai Muang Huai
Ban Huai Sai
School
GTE-1
GTE-3
Nam Mae Lai
Huai Mae Phoem
Huai Mae Kaha
Huai Wai
Huai Mae Ng Kaen
Huai Pa Pin
Nam Mae On
Nam Mae Pa Khang
Huai Ka Pang
Nam Mae Wak
Mae Kaha
500
600
400
1000
3000
5000
7000
4-4
4-5
2-7
x 632
x 622
x 530
x 483
x 454
854 x
83
82
81
20
80
79
78
77